Attachment 1

Assumptions and Emissions Calculations

Shiloh Business Park
General Assumptions

Project Characteristics

Project Location	Air District	
	BAAQMD	
Climate Zone		2
Urbanization	Urban	
Operational Year (Buildout)	2025	
Construction Year	2023	
Utility Company	PG&E	

Project Land Use	# spaces	sqft	Ksf	acres	CalEEMod Use
Unfrigerated Warehouse		477093	477	30.00	Unfrigerated Warehouse
Parking Lot				10.00	Parking Lot

Shiloh Business Park
Construction Assumptions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Construction	Monday thru Saturday	6am to 7 pm	13	10	10	hrs / day typicl phasing
	Foundation	6 am to 1 am	19	14	8	hr/day beyond typicl phasing

Phase Name	Start Date	End Date	Default Days	% days	Revised Days
Demolition	10/1/2023	10/19/2023	50	0.0552486	16
Site Prep	10/20/2023	10/31/2023	30	0.0331492	10
Grading	11/1/2023	11/28/2023	75	0.0828729	24
Foundation pour	11/29/2023	12/14/2023			18
Building Construction	12/15/2023	8/31/2023	750	0.8287293	238
Paving	12/15/2023	2/16/2024	55		55
Architectural Coating	6/29/2024	8/31/2024	55		55
			905		288

Offroad Equipment

Phase Name	*Equipment Type*	*Fuel Type*	*Engine Tier*	*Number per*	*Hours Per Da*	*Horsepow*	*Load Factor*
Demolition	Rubber Tired Dozer	Diesel	Average	0	8	367	0.4
Demolition	Excavators	Diesel	Average	0	8	36	0.38
Demolition	Concrete/Industrial	Diesel	Average	0	8	33	0.73
Demolition	Crawler Tractors	Diesel	Tier 4 Final	1	10	87	0.43
Demolition	Forklifts	Diesel	Tier 4 Final	2	10	82	0.2
Demolition	Generator Sets	Diesel	Tier 4 Final	2	10	14	0.74
Demolition	Tractors/Loaders/B	Diesel	Tier 4 Final	1	10	84	0.37
Site Preparation	Rubber Tired Dozer	Diesel	Average	0	8	367	0.4
Site Preparation	Tractors/Loaders/B	Diesel	Tier 4 Final	8	10	84	0.37
Site Preparation	Plate Compactors	Diesel	Average	1	10	8	0.43
Site Preparation	Rubber Tired Dozer	Diesel	Tier 4 Final	2	10	367	0.4
Site Preparation	Excavators	Diesel	Tier 4 Final	3	10	36	0.38
Site Preparation	Graders	Diesel	Tier 4 Final	1	10	148	0.41
Site Preparation	Rollers	Diesel	Tier 4 Final	1	10	36	0.38

Shiloh Business Park
Construction Assumptions

Phase Name	*Equipment Type*	*Fuel Type*	*Engine Tier*	*Number per*	*Hours Per Da*	*Horsepowe*	*Load Factor*
Grading	Graders	Diesel	Tier 4 Final	1	10	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1	10	36	0.38
Grading	Tractors/Loaders/B	Diesel	Tier 4 Final	1	10	84	0.37
Grading	Scrapers	Diesel	Tier 4 Final	4	10	423	0.48
Grading	Rubber Tired Dozer	Diesel	Tier 4 Final	2	10	367	0.4
Grading	Plate Compactors	Diesel	Average	1	10	8	0.43
Grading	Pumps	Diesel	Average	2	10	11	0.74
Grading	Rollers	Diesel	Tier 4 Final	2	10	36	0.38
Grading	Signal Boards	Diesel	Average	2	10	6	0.82
Grading	Trenchers	Diesel	Tier 4 Final	1	10	40	0.5
Foundation	Forklifts	Diesel	Average	0	8	82	0.2
Foundation	Cranes	Diesel	Average	0	7	367	0.29
Foundation	Welders	Diesel	Average	0	8	46	0.45
Foundation	Tractors/Loaders/B	Diesel	Average	0	7	84	0.37
Foundation	Aerial Lifts	Diesel	Tier 4 Final	4	8	46	0.31
Foundation	Cement and Morta	Diesel	Average	1	8	10	0.56
Foundation	Concrete/Industrial	Diesel	Tier 4 Final	2	8	33	0.73
Foundation	Air Compressors	Diesel	Tier 4 Final	4	8	37	0.48
Foundation	Cranes	Diesel	Tier 4 Final	1	8	367	0.29
Foundation	Excavators	Diesel	Tier 4 Final	3	8	36	0.38
Foundation	Generator Sets	Diesel	Tier 4 Final	2	8	14	0.74
Foundation	Pressure Washers	Diesel	Average	2	8	14	0.3
Foundation	Pumps	Diesel	Average	2	8	11	0.74
Foundation	Signal Boards	Diesel	Average	1	8	6	0.82
Foundation	Other Construction	Diesel	Tier 4 Final	1	8	74	0.42

Shiloh Business Park
Construction Assumptions

Phase Name	*Equipment Type*	*Fuel Type*	*Engine Tier*	*Number per*	*Hours Per Da*	*Horsepowe*	*Load Factor*
Building Construction	Forklifts	Diesel	Tier 4 Final	2	10	82	0.2
Building Construction	Generator Sets	Diesel	Tier 4 Final	2	10	14	0.74
Building Construction	Welders	Diesel	Average	5	10	46	0.45
Building Construction	Tractors/Loaders/B	Diesel	Average	0	7	84	0.37
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	4	10	46	0.31
Building Construction	Concrete/Industrial	Diesel	Tier 4 Final	2	10	33	0.73
Building Construction	Air Compressors	Diesel	Tier 4 Final	4	10	37	0.48
Building Construction	Cranes	Diesel	Tier 4 Final	1	10	367	0.29
Building Construction	Dumpers/Tenders	Diesel	Average	3	10	16	0.38
Building Construction	Excavators	Diesel	Tier 4 Final	3	10	36	0.38
Building Construction	Pressure Washers	Diesel	Average	2	10	14	0.3
Building Construction	Signal Boards	Diesel	Average	1	10	6	0.82
Building Construction	Sweepers/Scrubber	Diesel	Tier 4 Final	1	10	36	0.46
Paving	Pavers	Diesel	Tier 4 Final	1	10	81	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1	10	89	0.36
Paving	Rollers	Diesel	Tier 4 Final	2	10	36	0.38
Paving	Plate Compactors	Diesel	Average	2	10	8	0.43
Paving	Graders	Diesel	Tier 4 Final	1	10	148	0.41
Paving	Scrapers	Diesel	Tier 4 Final	1	10	423	0.48
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1	10	71	0.37
Paving	Surfacing Equipmer	Diesel	Tier 4 Final	1	10	399	0.3
Paving	Sweepers/Scrubber	Diesel	Tier 4 Final	1	10	36	0.46
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1	10	37	0.48

Demoliton	feet L	feet w	feet tall	sqft (LxW)	ksf
	401	125	30	50,125	50.125

Trips and VMT Default

Dust from Material Movement Not applicable

Shiloh Business Park
Operational Emissions

Mobile Sources

Vehicle Trips:

1738	total trips	Shiloh		40 mph
1460	passenger vehicles	Conde		35 mph
122	MDV - Trucks	Airport	45	mph
156	*HHD -Trucks*	Aviation	*35*	*mph*
278	Total daily trucks	Site	15	mph
93	Daily trucks per building			

Source: GHD Shiloh Buisness Park Trip Generation Study. June 2023

Stationary Sources

3 750 KW Natural Gas Boilers

Not part of Health Risk based on BAAQMD Permitting Guidance therefore not included in the project specific HRA.

Shiolh Business Park

Unmitigated Health Risk - Assumptions

Date: 7/31/2023

	3rd	0-2 - Res	2-16 -Stu	>16 - Tea	Units	
DBR	361	1090	631	261	L/kg	
A	1				no units	
EF	0.95890411				years	
Constant 1	0.000001				no units	
CPF	1.1				mg/kg-day-1	
ASF	10	10	3	1	no units	
Demolition		0.05	0.05	0.05	years	
Site Prep		0.03	0.03	0.03	years	
Grading		0.08	0.08	0.08	years	
Foundation		0.06	0.06	0.06	years	
Build. Const.		0.79	0.79	0.79	years	
Paving		0.18	0.18	0.18	years	
Arch. Coating		0.18	0.18	0.18	years	
Ops - 29 yr - Res		1.35	14	14	years	
Op - 29 yr - School			10	29.35	years	
Op - 30 yr - Res		2.25	14	14	years	
Op - 30 yr - School			10	30	years	
AT	70				years	
FAH	1	1	1	1	day	
Constant 2	1,000,000				no units	
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04		= DBR * A * EF * Constant1
Risk Constant	1.57E-01	1.57E-01	4.71E-02	1.57E-02		= CPF * ASF * (1/AT) * FHA

Source: OEHHA 2015

Dose = (Cair X DBR X A X EF X Constant 1)

- Cair = concentration in air ($\mu g/m^3$)
- DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)
- A = Inhalation adsorption factor (unitless)
- EF = Exposure frequency (unitless), days/365 days
- Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk = Dose X CPF x ASF x (ED/AT) X FAH

- Dose = Daily inhalation dose (mg/kg-day)
- CPF = Inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
- ASF = Age sensitivity factor for a specified age group (unitless)
- ED = Exposure duration (in years) for a specified age group
- AT = Averaging time for lifetime cancer risk (years)
- FAH = Fraction of time spent at home (unitless)

Risk per Million = Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:		If school is not within the 1 per milliion cancer bracket:	
3rd to 2 years	1	3rd to 2 years	0.85
2 to 16	1	2 to 16	0.72
16-30	0.73	16-30	0.73

Source: OEHHA 2015

Concentrations

	Source ID	PM10 (lbs/day)	PM10 (gr/day)	PM10 (gr/sec)	PM2.5 (tons/yr)	PM2.5 (gr/day)	PM2.5 (gr/sec)
Demolition (Site)	Demo1	0.0059	2.66	5.69E-05	0.008813	3.99728276	8.54E-05
Demolition (Avi)	DGP2	0.0018	0.79	1.70E-05	0.002625	1.19067997	2.54E-05
Demolition (Conde)	DGP3	0.0024	1.08	2.30E-05	0.003563	1.61592282	3.45E-05
Site Prep (Site)	SPG	0.0050	2.27	4.85E-05	0.01	4.5359237	9.69E-05
Grading (Site)	SPG	0.0249	11.30	2.42E-04	0.033231	15.0732234	0.000322
Grading (Avi)	DGP2	0.0022	0.98	2.09E-05	0.002872	1.30262424	2.78E-05
Grading (Conde)	DGP3	0.0029	1.33	2.83E-05	0.003897	1.76784719	3.78E-05
Foundation	Found	0.0150	6.80	2.10E-04	0.04	18.1436948	0.000388
Building Const.	BCAC	0.5200	235.87	5.04E-03	0.69	312.978735	0.006688
Paving (Site)	PAV	0.0080	3.61	7.71E-05	0.011925	5.40930031	0.000116
Paving (Avi)	DGP2	0.0009	0.39	8.43E-06	0.001304	0.59164222	1.26E-05
Paving (Conde)	DGP3	0.0012	0.54	1.14E-05	0.00177	0.80294302	1.72E-05
Arch Coat	BCAC	0.0050	2.27	4.85E-05	0.01	4.5359237	9.69E-05

Concentrations

Source ID	# Trucks	PM10 (g/mile)	PM10 (gr/day)	PM10 (gr/sec)	PM10 (g/min)	PM10 (gr/day)	PM10 (gr/sec)
Idle 1	194				0.005347	10.3506	1.20E-04
Idle 2	93				0.005347	4.95474	5.73E-05
Idle 3	84				0.005347	4.5136	5.22E-05
Idle 4	93				0.005347	4.95474	5.73E-05
Idle 5	93				0.005347	4.95474	5.73E-05
Hul1A	278	1.53E-02	2.53	2.93E-05			
Haul1B	278	1.60E-02	3.42	3.96E-05			
Haul1C	278	0.02	1.80	2.09E-05			
Haul2A	278	0.02	3.45	3.99E-05			
Haul2B	278	0.01508	6.00	6.94E-05			
Haul3	278	0.064162	9.35	1.08E-04			

Source ID	# Trucks	PM10 (g/mile)	PM10 (gr/day)	PM10 (gr/sec)	PM10 (g/min)	PM10 (gr/day)	PM10 (gr/sec)
Idle 1	194				0.005879	11.3804	1.32E-04
Idle 2	93				0.005879	5.44766	6.31E-05
Idle 3	84				0.005879	4.96263	5.74E-05
Idle 4	93				0.005879	5.44766	6.31E-05
Idle 5	93				0.005879	5.44766	6.31E-05
Hul1A	278	1.46E-02	2.42	2.804E-05			
Haul1B	278	0.015287	3.27	3.789E-05			
Haul1C	278	0.015287	1.72	1.995E-05			
Haul2A	278	0.015287	3.30	3.817E-05			
Haul2B	278	0.014428	5.74	6.641E-05			
Haul3	278	0.061387	8.95	0.0001036			

Shiolh Business Park
Unmitigated Health Risk - Assumptions

			Distance (M)		
Sources	**Description**	**Volume Sources**	**One way**	**Round Trip**	**Distance (mi)**
BCAC	Building Construction and AC	116			
Demo1	Demo existing building and onsite asphalt	47			
DGP2	Demo, Site Prep, Grading - site to Aviation	14			
DGP3	Demo, Site Prep, Grading - site to Conde	19			
Found	Foundation	116			
PAV	Paving	128			
SPG	Site Prep and Grading	162			
Idle 1	north of western building		74.3	148.6	0.092335759
Idle 2	Docks for west building		119.9	239.8	0.149004812
Idle 3	Parking south of western bld		32.4	64.8	0.040264853
Idle 4	Docks in northern building		122.3	244.6	0.151987394
Idle 5	Docks Southern Buiding		126.4	252.8	0.157082637
Hul1A	Airport Blvd from 101 to Aviation		479.6	959.2	0.596019248
Haul1B	Aviation Blvd from Airport to New access road		619.8	1239.6	0.77025173
Haul1C	Haul Route from site to Aviation Blvd		326.4	652.8	0.405631114
Haul2A	Shiolh rd from New Access to101		624.4	1248.8	0.775968345
Haul2B	New Access from Shioloh to Site		1151.1	2302.2	1.430520759
Haul3	Onsite Haul		421.9	843.8	0.524313012

Receptors

26-112	Offsite School	86
1-26	Offsite Residential	196
113-283	Offsite Residential	

Meteorological Data: Sonoma County Airport
Elevation 37.4 m

Assumptions and Constants:

300	days per year construction
13	Hours per day non foundation construction
9	Hours per day Foundation Construction
453.59237	conversion from lbs to grams
350	days per year operation (assumes 7 days per week operation)
0.000621371	miles/meter
278	Number of trucks
93	Number of trucks per building
194	Number Trucks Idle 1
84	Number of Trucks Idle 3
24	hours per day operations
60	minutes per hour
60	seconds per minute
300	days per year operation (assumes 6 days per week operation)
10	minutes idling per day per location

Shiolh Business Park
Unmitigated - - Emissions

Onsite Sources - Construction

	Unmitigated PM10 lbs/day	Days	Unmitigated PM2.5 tons/yr
Demolition	0.01	16	0.015
Demo1	0.005875		0.0088125
Demo2	0.00175		0.002625
Demo3	0.002375		0.0035625
Site Preparation	0.005	10	0.01
Grading	0.03	24	0.04
Grading 1	0.024923077		0.033230769
Grading 2	0.002153846		0.002871795
Grading 3	0.002923077		0.003897436
Foundation	0.015	18	0.04
Building Construction	0.52	238	0.69
Paving	0.01	55	0.015
Paving 1	0.007950311		0.011925466
Paving 2	0.000869565		0.001304348
Paving 3	0.001180124		0.001770186
AC	0.005	55	0.01

Source: CalEEMod 2022 (See Appendix for output)

Operational Sources

Street	MPH	HHDT PM10 gr/mi	LHDT PM10 gr/mi	g/mil	g/mi	PM10 gr/mi
Shiloh	40	0.008820921	0.023084448	1.37606364	2.81630261	0.01508045
Conde	35	0.007418982	0.026923255	1.15736114	3.28463712	0.01597841
Airport	45	0.011336917	0.020324836	1.76855899	2.47963004	0.01528126
Aviation	35	0.007418982	0.026923255	1.15736114	3.28463712	0.01597841
Site	5	0.053127005	0.078272629	8.28781273	9.54926073	0.06416213
		gr/min	gr/min	gr/min	gr/min	gr/min
Idle	5	0.00442725	0.006522719	0.69065106	0.79577173	0.00534684

Source: EMFAC 2021 https://arb.ca.gov/emfac/ (EMFAC tab)

Operational Sources

Street	MPH	HHDT PM2.5 gr/mi	LHDT PM2.5 gr/mi	g/mil	g/mi	PM2.5 gr/mi
Shiloh	40	0.008439332	0.022085825	1.31653574	2.69447061	0.01442808
Conde	35	0.00709804	0.025758567	1.10729421	3.14254517	0.01528719
Airport	45	0.010846486	0.019445593	1.69205184	2.37236234	0.01462019
Aviation	35	0.00709804	0.025758567	1.10729421	3.14254517	0.01528719
Site	5	0.050828754	0.07488659	7.92928562	9.13616394	0.06138651
		gr/min	**gr/min**	**gr/min**	**gr/min**	**gr/min**
Idle	5	0.004235729	0.006240549	0.6607738	0.97352567	0.00587878

Source: EMFAC 2021

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Sonoma
Calendar Year: 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2025	HHDT	Aggregate	5	Gasoline	1.837710633	1.837710633	0	15.91574985	0.017096498	0.018594002
Sonoma	2025	HHDT	Aggregate	5	Diesel	466.3703908	466.3703908	0	20.41180847	0.122610267	0.12815416
Sonoma	2025	HHDT	Aggregate	5	Electricity	4.622048224	0	4.622048224	0	0	0
Sonoma	2025	HHDT	Aggregate	5	Natural Gas	1.992190154	1.992190154	0	2.395864389	0.007594817	0.008260057
Sonoma	2025	HHDT	Aggregate	35	Gasoline	2.676021659	2.676021659	0	12.67885329	0.003084225	0.003354376
Sonoma	2025	HHDT	Aggregate	35	Diesel	7704.014471	7704.014471	0	2.971113849	0.012279559	0.012834786
Sonoma	2025	HHDT	Aggregate	35	Electricity	60.08105442	0	60.08105442	0	0	0
Sonoma	2025	HHDT	Aggregate	35	Natural Gas	731.4659603	731.4659603	0	0.808840958	0.002011357	0.002187534
Sonoma	2025	HHDT	Aggregate	40	Gasoline	2.679923132	2.679923132	0	12.70957138	0.002763934	0.003006031
Sonoma	2025	HHDT	Aggregate	40	Diesel	9027.881191	9027.881191	0	2.448191174	0.012754074	0.013330757
Sonoma	2025	HHDT	Aggregate	40	Electricity	69.17950691	0	69.17950691	0	0	0
Sonoma	2025	HHDT	Aggregate	40	Natural Gas	787.8794241	787.8794241	0	0.719054025	0.001800668	0.001958391
Sonoma	2025	HHDT	Aggregate	45	Gasoline	2.766596408	2.766596408	0	12.89172515	0.002598769	0.002826398
Sonoma	2025	HHDT	Aggregate	45	Diesel	9693.900509	9693.900509	0	2.175743564	0.014673256	0.015336715
Sonoma	2025	HHDT	Aggregate	45	Electricity	73.70499984	0	73.70499984	0	0	0
Sonoma	2025	HHDT	Aggregate	45	Natural Gas	798.1181732	798.1181732	0	0.650959105	0.00170237	0.001851482
Sonoma	2025	LHDT1	Aggregate	5	Gasoline	8523.414127	8523.414127	0	0.331756126	0.004937102	0.005369549
Sonoma	2025	LHDT1	Aggregate	5	Diesel	5569.866428	5569.866428	0	2.862571816	0.114542591	0.119721698
Sonoma	2025	LHDT1	Aggregate	5	Electricity	74.59279124	0	74.59279124	0	0	0
Sonoma	2025	LHDT1	Aggregate	35	Gasoline	14051.04539	14051.04539	0	0.223757116	0.001073853	0.001167913
Sonoma	2025	LHDT1	Aggregate	35	Diesel	18347.45124	18347.45124	0	2.240847695	0.035514012	0.037119798
Sonoma	2025	LHDT1	Aggregate	35	Electricity	159.2201791	0	159.2201791	0	0	0
Sonoma	2025	LHDT1	Aggregate	40	Gasoline	3842.479653	3842.479653	0	0.228535546	0.000973956	0.001059266
Sonoma	2025	LHDT1	Aggregate	40	Diesel	9683.989409	9683.989409	0	2.235702518	0.030346167	0.031718286
Sonoma	2025	LHDT1	Aggregate	40	Electricity	62.07050754	0	62.07050754	0	0	0
Sonoma	2025	LHDT1	Aggregate	45	Gasoline	4360.436515	4360.436515	0	0.227481948	0.000929981	0.00101144
Sonoma	2025	LHDT1	Aggregate	45	Diesel	9824.965606	9824.965606	0	2.247592461	0.026784993	0.027996091
Sonoma	2025	LHDT1	Aggregate	45	Electricity	65.53996857	0	65.53996857	0	0	0
Sonoma	2025	LHDT2	Aggregate	5	Gasoline	1361.182673	1361.182673	0	0.213037877	0.003255141	0.003540263
Sonoma	2025	LHDT2	Aggregate	5	Diesel	2154.081297	2154.081297	0	2.24197735	0.088502511	0.092504201
Sonoma	2025	LHDT2	Aggregate	5	Electricity	16.00556444	0	16.00556444	0	0	0
Sonoma	2025	LHDT2	Aggregate	35	Gasoline	2237.621286	2237.621286	0	0.136679118	0.000832739	0.00090568
Sonoma	2025	LHDT2	Aggregate	35	Diesel	7084.407851	7084.407851	0	1.396807311	0.029504743	0.030838817
Sonoma	2025	LHDT2	Aggregate	35	Electricity	42.27979632	0	42.27979632	0	0	0
Sonoma	2025	LHDT2	Aggregate	40	Gasoline	609.4653472	609.4653472	0	0.139095841	0.000760992	0.000827648
Sonoma	2025	LHDT2	Aggregate	40	Diesel	3737.323947	3737.323947	0	1.353871118	0.02518833	0.026327235

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2025	LHDT2	Aggregate	40	Electricity	19.68153597	0	19.68153597	0	0	0
Sonoma	2025	LHDT2	Aggregate	45	Gasoline	688.4158169	688.4158169	0	0.138399554	0.000731651	0.000795737
Sonoma	2025	LHDT2	Aggregate	45	Diesel	3788.527983	3788.527983	0	1.33205196	0.022118721	0.023118831
Sonoma	2025	LHDT2	Aggregate	45	Electricity	20.2101886	0	20.2101886	0	0	0
Sonoma	2026	HHDT	Aggregate	5	Gasoline	1.541818217	1.541818217	0	11.63040294	0.011032502	0.011998852
Sonoma	2026	HHDT	Aggregate	5	Diesel	463.4138775	463.4138775	0	19.11887135	0.111483819	0.116524623
Sonoma	2026	HHDT	Aggregate	5	Electricity	7.848277259	0	7.848277259	0	0	0
Sonoma	2026	HHDT	Aggregate	5	Natural Gas	2.066312036	2.066312036	0	2.252605653	0.0077161	0.008391963
Sonoma	2026	HHDT	Aggregate	35	Gasoline	2.243864722	2.243864722	0	6.8291656	0.001645227	0.001789335
Sonoma	2026	HHDT	Aggregate	35	Diesel	7696.029327	7696.029327	0	2.797834954	0.011457303	0.011975351
Sonoma	2026	HHDT	Aggregate	35	Electricity	109.6930051	0	109.6930051	0	0	0
Sonoma	2026	HHDT	Aggregate	35	Natural Gas	758.5705122	758.5705122	0	0.730237667	0.001911209	0.002078614
Sonoma	2026	HHDT	Aggregate	40	Gasoline	2.24872596	2.24872596	0	6.606822428	0.001445388	0.001571992
Sonoma	2026	HHDT	Aggregate	40	Diesel	9025.281099	9025.281099	0	2.294352104	0.012061581	0.012606952
Sonoma	2026	HHDT	Aggregate	40	Electricity	126.6257913	0	126.6257913	0	0	0
Sonoma	2026	HHDT	Aggregate	40	Natural Gas	816.1607288	816.1607288	0	0.649794048	0.001698524	0.0018473
Sonoma	2026	HHDT	Aggregate	45	Gasoline	2.320058472	2.320058472	0	6.49383368	0.001331327	0.00144794
Sonoma	2026	HHDT	Aggregate	45	Diesel	9696.298085	9696.298085	0	2.028023861	0.014046316	0.014681428
Sonoma	2026	HHDT	Aggregate	45	Electricity	134.9937958	0	134.9937958	0	0	0
Sonoma	2026	HHDT	Aggregate	45	Natural Gas	825.5280706	825.5280706	0	0.588969002	0.001595381	0.001735122
Sonoma	2026	LHDT1	Aggregate	5	Gasoline	8221.41633	8221.41633	0	0.307430909	0.004722368	0.005136007
Sonoma	2026	LHDT1	Aggregate	5	Diesel	5287.199298	5287.199298	0	2.736795843	0.110182711	0.115164684
Sonoma	2026	LHDT1	Aggregate	5	Electricity	136.9575908	0	136.9575908	0	0	0
Sonoma	2026	LHDT1	Aggregate	35	Gasoline	13551.97586	13551.97586	0	0.208551187	0.001060748	0.00115366
Sonoma	2026	LHDT1	Aggregate	35	Diesel	17411.56505	17411.56505	0	2.1038662	0.034508355	0.036068669
Sonoma	2026	LHDT1	Aggregate	35	Electricity	291.6443809	0	291.6443809	0	0	0
Sonoma	2026	LHDT1	Aggregate	40	Gasoline	3705.529097	3705.529097	0	0.21317393	0.000963881	0.001048308
Sonoma	2026	LHDT1	Aggregate	40	Diesel	9189.211617	9189.211617	0	2.094990657	0.02948554	0.030818745
Sonoma	2026	LHDT1	Aggregate	40	Electricity	113.4183531	0	113.4183531	0	0	0
Sonoma	2026	LHDT1	Aggregate	45	Gasoline	4204.407278	4204.407278	0	0.212370277	0.000921926	0.001002679
Sonoma	2026	LHDT1	Aggregate	45	Diesel	9321.62931	9321.62931	0	2.103482247	0.026009882	0.027185934
Sonoma	2026	LHDT1	Aggregate	45	Electricity	119.8174013	0	119.8174013	0	0	0
Sonoma	2026	LHDT2	Aggregate	5	Gasoline	1299.068633	1299.068633	0	0.197290114	0.003115339	0.003388215
Sonoma	2026	LHDT2	Aggregate	5	Diesel	2075.048829	2075.048829	0	2.161096448	0.086248631	0.090148411
Sonoma	2026	LHDT2	Aggregate	5	Electricity	29.21651719	0	29.21651719	0	0	0
Sonoma	2026	LHDT2	Aggregate	35	Gasoline	2135.642928	2135.642928	0	0.126461397	0.000822467	0.000894508
Sonoma	2026	LHDT2	Aggregate	35	Diesel	6823.183516	6823.183516	0	1.324820336	0.028998051	0.030309215
Sonoma	2026	LHDT2	Aggregate	35	Electricity	77.08844525	0	77.08844525	0	0	0
Sonoma	2026	LHDT2	Aggregate	40	Gasoline	581.739663	581.739663	0	0.128713561	0.000752716	0.000818647
Sonoma	2026	LHDT2	Aggregate	40	Diesel	3599.296678	3599.296678	0	1.281544414	0.024778461	0.025898833
Sonoma	2026	LHDT2	Aggregate	40	Electricity	35.85595726	0	35.85595726	0	0	0
Sonoma	2026	LHDT2	Aggregate	45	Gasoline	657.1647292	657.1647292	0	0.128104933	0.000724659	0.000788133
Sonoma	2026	LHDT2	Aggregate	45	Diesel	3648.239001	3648.239001	0	1.259318595	0.021768485	0.02275276
Sonoma	2026	LHDT2	Aggregate	45	Electricity	36.82683835	0	36.82683835	0	0	0
Sonoma	2027	HHDT	Aggregate	5	Gasoline	1.52613459	1.52613459	0	10.2852878	0.01022129	0.011116585

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2027	HHDT	Aggregate	5	Diesel	459.1163942	459.1163942	0	18.0399371	0.102585463	0.107223922
Sonoma	2027	HHDT	Aggregate	5	Electricity	12.40404543	0	12.40404543	0	0	0
Sonoma	2027	HHDT	Aggregate	5	Natural Gas	2.121206651	2.121206651	0	2.140812432	0.007810698	0.008494847
Sonoma	2027	HHDT	Aggregate	35	Gasoline	2.220845583	2.220845583	0	5.878573306	0.001477638	0.001607066
Sonoma	2027	HHDT	Aggregate	35	Diesel	7668.481383	7668.481383	0	2.651069687	0.010788436	0.011276241
Sonoma	2027	HHDT	Aggregate	35	Electricity	181.7249672	0	181.7249672	0	0	0
Sonoma	2027	HHDT	Aggregate	35	Natural Gas	781.8886625	781.8886625	0	0.660213374	0.001823009	0.001982688
Sonoma	2027	HHDT	Aggregate	40	Gasoline	2.225896982	2.225896982	0	5.659297657	0.001290436	0.001403467
Sonoma	2027	HHDT	Aggregate	40	Diesel	8999.739709	8999.739709	0	2.164172093	0.011493954	0.012013659
Sonoma	2027	HHDT	Aggregate	40	Electricity	209.9848313	0	209.9848313	0	0	0
Sonoma	2027	HHDT	Aggregate	40	Natural Gas	840.406739	840.406739	0	0.58801037	0.001608354	0.001749231
Sonoma	2027	HHDT	Aggregate	45	Gasoline	2.296294844	2.296294844	0	5.548251126	0.001186033	0.001289919
Sonoma	2027	HHDT	Aggregate	45	Diesel	9673.991691	9673.991691	0	1.903016282	0.013527884	0.014139555
Sonoma	2027	HHDT	Aggregate	45	Electricity	223.8992458	0	223.8992458	0	0	0
Sonoma	2027	HHDT	Aggregate	45	Natural Gas	848.9418425	848.9418425	0	0.533551246	0.001500644	0.001632087
Sonoma	2027	LHDT1	Aggregate	5	Gasoline	7919.753508	7919.753508	0	0.284872334	0.004529224	0.004925944
Sonoma	2027	LHDT1	Aggregate	5	Diesel	5011.956455	5011.956455	0	2.613030627	0.105742072	0.110523259
Sonoma	2027	LHDT1	Aggregate	5	Electricity	227.7723367	0	227.7723367	0	0	0
Sonoma	2027	LHDT1	Aggregate	35	Gasoline	13053.79699	13053.79699	0	0.193514619	0.001047625	0.001139388
Sonoma	2027	LHDT1	Aggregate	35	Diesel	16500.41129	16500.41129	0	1.972765646	0.033459942	0.034972852
Sonoma	2027	LHDT1	Aggregate	35	Electricity	484.5593304	0	484.5593304	0	0	0
Sonoma	2027	LHDT1	Aggregate	40	Gasoline	3568.95316	3568.95316	0	0.197896414	0.00095359	0.001037116
Sonoma	2027	LHDT1	Aggregate	40	Diesel	8707.534661	8707.534661	0	1.960657989	0.028591021	0.02988378
Sonoma	2027	LHDT1	Aggregate	40	Electricity	188.2518123	0	188.2518123	0	0	0
Sonoma	2027	LHDT1	Aggregate	45	Gasoline	4048.974731	4048.974731	0	0.197309632	0.000913541	0.000993559
Sonoma	2027	LHDT1	Aggregate	45	Diesel	8831.663207	8831.663207	0	1.966161582	0.025207661	0.02634744
Sonoma	2027	LHDT1	Aggregate	45	Electricity	198.9224349	0	198.9224349	0	0	0
Sonoma	2027	LHDT2	Aggregate	5	Gasoline	1237.75918	1237.75918	0	0.179891504	0.002957	0.003216007
Sonoma	2027	LHDT2	Aggregate	5	Diesel	1996.601831	1996.601831	0	2.082770071	0.083934015	0.087729139
Sonoma	2027	LHDT2	Aggregate	5	Electricity	48.4707599	0	48.4707599	0	0	0
Sonoma	2027	LHDT2	Aggregate	35	Gasoline	2034.924962	2034.924962	0	0.114286267	0.000807945	0.000878714
Sonoma	2027	LHDT2	Aggregate	35	Diesel	6563.88378	6563.88378	0	1.260273946	0.028444522	0.029730657
Sonoma	2027	LHDT2	Aggregate	35	Electricity	127.9223773	0	127.9223773	0	0	0
Sonoma	2027	LHDT2	Aggregate	40	Gasoline	554.3330982	554.3330982	0	0.11613092	0.000740349	0.000805197
Sonoma	2027	LHDT2	Aggregate	40	Diesel	3462.284561	3462.284561	0	1.217281925	0.024331722	0.025431894
Sonoma	2027	LHDT2	Aggregate	40	Electricity	59.50887534	0	59.50887534	0	0	0
Sonoma	2027	LHDT2	Aggregate	45	Gasoline	626.2423229	626.2423229	0	0.115451429	0.000713524	0.000776022
Sonoma	2027	LHDT2	Aggregate	45	Diesel	3508.978817	3508.978817	0	1.195160774	0.021389501	0.022356639
Sonoma	2027	LHDT2	Aggregate	45	Electricity	61.12378305	0	61.12378305	0	0	0
Sonoma	2028	HHDT	Aggregate	5	Gasoline	1.508175077	1.508175077	0	8.103241309	0.008744516	0.009510459
Sonoma	2028	HHDT	Aggregate	5	Diesel	453.0650125	453.0650125	0	17.20343719	0.096674761	0.101045965
Sonoma	2028	HHDT	Aggregate	5	Electricity	18.63738459	0	18.63738459	0	0	0
Sonoma	2028	HHDT	Aggregate	5	Natural Gas	2.14985059	2.14985059	0	2.04997314	0.00788683	0.008577648
Sonoma	2028	HHDT	Aggregate	35	Gasoline	2.194462916	2.194462916	0	4.452357883	0.001216503	0.001323058
Sonoma	2028	HHDT	Aggregate	35	Diesel	7614.65552	7614.65552	0	2.525187695	0.010308534	0.01077464

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2028	HHDT	Aggregate	35	Electricity	285.3929475	0	285.3929475	0	0	0
Sonoma	2028	HHDT	Aggregate	35	Natural Gas	801.6179991	801.6179991	0	0.599658092	0.001744467	0.001897267
Sonoma	2028	HHDT	Aggregate	40	Gasoline	2.199760663	2.199760663	0	4.256335196	0.001054766	0.001147154
Sonoma	2028	HHDT	Aggregate	40	Diesel	8943.775383	8943.775383	0	2.052911118	0.011081185	0.011582227
Sonoma	2028	HHDT	Aggregate	40	Electricity	329.8864047	0	329.8864047	0	0	0
Sonoma	2028	HHDT	Aggregate	40	Natural Gas	860.7484459	860.7484459	0	0.534831636	0.001527369	0.001661153
Sonoma	2028	HHDT	Aggregate	45	Gasoline	2.269063301	2.269063301	0	4.155139112	0.000966378	0.001051025
Sonoma	2028	HHDT	Aggregate	45	Diesel	9619.179802	9619.179802	0	1.796850729	0.013148593	0.013743114
Sonoma	2028	HHDT	Aggregate	45	Electricity	351.6322632	0	351.6322632	0	0	0
Sonoma	2028	HHDT	Aggregate	45	Natural Gas	868.456442	868.456442	0	0.486019281	0.001415049	0.001538995
Sonoma	2028	LHDT1	Aggregate	5	Gasoline	7626.215841	7626.215841	0	0.264167776	0.004372662	0.004755669
Sonoma	2028	LHDT1	Aggregate	5	Diesel	4742.69187	4742.69187	0	2.49101044	0.10121046	0.105786748
Sonoma	2028	LHDT1	Aggregate	5	Electricity	347.8963474	0	347.8963474	0	0	0
Sonoma	2028	LHDT1	Aggregate	35	Gasoline	12568.88412	12568.88412	0	0.17858207	0.001037407	0.001128275
Sonoma	2028	LHDT1	Aggregate	35	Diesel	15609.14338	15609.14338	0	1.846950134	0.032366973	0.033830464
Sonoma	2028	LHDT1	Aggregate	35	Electricity	739.4484129	0	739.4484129	0	0	0
Sonoma	2028	LHDT1	Aggregate	40	Gasoline	3435.955261	3435.955261	0	0.182449064	0.000945412	0.001028222
Sonoma	2028	LHDT1	Aggregate	40	Diesel	8236.386386	8236.386386	0	1.832047118	0.027660576	0.028911264
Sonoma	2028	LHDT1	Aggregate	40	Electricity	287.0100193	0	287.0100193	0	0	0
Sonoma	2028	LHDT1	Aggregate	45	Gasoline	3897.53739	3897.53739	0	0.18182221	0.00090668	0.000986098
Sonoma	2028	LHDT1	Aggregate	45	Diesel	8352.434015	8352.434015	0	1.834900825	0.024375907	0.025478077
Sonoma	2028	LHDT1	Aggregate	45	Electricity	303.3470145	0	303.3470145	0	0	0
Sonoma	2028	LHDT2	Aggregate	5	Gasoline	1179.30163	1179.30163	0	0.164722828	0.002837886	0.00308646
Sonoma	2028	LHDT2	Aggregate	5	Diesel	1917.90081	1917.90081	0	2.008561535	0.081690483	0.085384164
Sonoma	2028	LHDT2	Aggregate	5	Electricity	73.90971588	0	73.90971588	0	0	0
Sonoma	2028	LHDT2	Aggregate	35	Gasoline	1938.876237	1938.876237	0	0.104229392	0.000800212	0.000870303
Sonoma	2028	LHDT2	Aggregate	35	Diesel	6303.720458	6303.720458	0	1.202854793	0.027888626	0.029149626
Sonoma	2028	LHDT2	Aggregate	35	Electricity	195.0813175	0	195.0813175	0	0	0
Sonoma	2028	LHDT2	Aggregate	40	Gasoline	528.1909467	528.1909467	0	0.105816659	0.000734161	0.000798467
Sonoma	2028	LHDT2	Aggregate	40	Diesel	3324.812095	3324.812095	0	1.160537522	0.023884267	0.024964207
Sonoma	2028	LHDT2	Aggregate	40	Electricity	90.75599254	0	90.75599254	0	0	0
Sonoma	2028	LHDT2	Aggregate	45	Gasoline	596.7384528	596.7384528	0	0.105134994	0.000708313	0.000770355
Sonoma	2028	LHDT2	Aggregate	45	Diesel	3369.243953	3369.243953	0	1.138809517	0.021011913	0.021961978
Sonoma	2028	LHDT2	Aggregate	45	Electricity	93.22452015	0	93.22452015	0	0	0
Sonoma	2029	HHDT	Aggregate	5	Gasoline	1.561771079	1.561771079	0	7.685880742	0.008628231	0.009383988
Sonoma	2029	HHDT	Aggregate	5	Diesel	444.9574994	444.9574994	0	16.46627946	0.091132714	0.095253331
Sonoma	2029	HHDT	Aggregate	5	Electricity	26.83916015	0	26.83916015	0	0	0
Sonoma	2029	HHDT	Aggregate	5	Natural Gas	2.16338832	2.16338832	0	1.969795696	0.007953269	0.008649905
Sonoma	2029	HHDT	Aggregate	35	Gasoline	2.272066981	2.272066981	0	4.208679296	0.001197385	0.001302266
Sonoma	2029	HHDT	Aggregate	35	Diesel	7534.133454	7534.133454	0	2.410462515	0.009839427	0.010284322
Sonoma	2029	HHDT	Aggregate	35	Electricity	420.2639223	0	420.2639223	0	0	0
Sonoma	2029	HHDT	Aggregate	35	Natural Gas	817.0619778	817.0619778	0	0.545411386	0.001679212	0.001826296
Sonoma	2029	HHDT	Aggregate	40	Gasoline	2.278022568	2.278022568	0	4.020697553	0.001037699	0.001128593
Sonoma	2029	HHDT	Aggregate	40	Diesel	8856.986993	8856.986993	0	1.951700236	0.010682027	0.011165021
Sonoma	2029	HHDT	Aggregate	40	Electricity	485.6035277	0	485.6035277	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2029	HHDT	Aggregate	40	Natural Gas	876.467104	876.467104	0	0.486963888	0.001460699	0.001588644
Sonoma	2029	HHDT	Aggregate	45	Gasoline	2.349378342	2.349378342	0	3.923747638	0.000950546	0.001033806
Sonoma	2029	HHDT	Aggregate	45	Diesel	9531.375908	9531.375908	0	1.700392634	0.012785268	0.013363361
Sonoma	2029	HHDT	Aggregate	45	Electricity	517.3560765	0	517.3560765	0	0	0
Sonoma	2029	HHDT	Aggregate	45	Natural Gas	883.4318957	883.4318957	0	0.443015573	0.001344961	0.001462768
Sonoma	2029	LHDT1	Aggregate	5	Gasoline	7328.182913	7328.182913	0	0.245269732	0.004204695	0.004572989
Sonoma	2029	LHDT1	Aggregate	5	Diesel	4484.195018	4484.195018	0	2.373336393	0.0966386	0.101008169
Sonoma	2029	LHDT1	Aggregate	5	Electricity	495.1947226	0	495.1947226	0	0	0
Sonoma	2029	LHDT1	Aggregate	35	Gasoline	12076.86176	12076.86176	0	0.163648309	0.001020974	0.001110402
Sonoma	2029	LHDT1	Aggregate	35	Diesel	14753.70737	14753.70737	0	1.731425977	0.031232614	0.032644814
Sonoma	2029	LHDT1	Aggregate	35	Electricity	1051.635464	0	1051.635464	0	0	0
Sonoma	2029	LHDT1	Aggregate	40	Gasoline	3301.129746	3301.129746	0	0.16696903	0.000931398	0.001012981
Sonoma	2029	LHDT1	Aggregate	40	Diesel	7784.211927	7784.211927	0	1.714530224	0.026699455	0.027906686
Sonoma	2029	LHDT1	Aggregate	40	Electricity	407.8229236	0	407.8229236	0	0	0
Sonoma	2029	LHDT1	Aggregate	45	Gasoline	3744.178699	3744.178699	0	0.166242217	0.000894135	0.000972453
Sonoma	2029	LHDT1	Aggregate	45	Diesel	7892.557956	7892.557956	0	1.715401727	0.023522254	0.024585826
Sonoma	2029	LHDT1	Aggregate	45	Electricity	431.1252947	0	431.1252947	0	0	0
Sonoma	2029	LHDT2	Aggregate	5	Gasoline	1122.096303	1122.096303	0	0.149671401	0.002699594	0.002936055
Sonoma	2029	LHDT2	Aggregate	5	Diesel	1839.65446	1839.65446	0	1.939074578	0.079433036	0.083024645
Sonoma	2029	LHDT2	Aggregate	5	Electricity	104.9950542	0	104.9950542	0	0	0
Sonoma	2029	LHDT2	Aggregate	35	Gasoline	1844.872239	1844.872239	0	0.093619924	0.00078806	0.000857087
Sonoma	2029	LHDT2	Aggregate	35	Diesel	6044.985778	6044.985778	0	1.151662511	0.027320044	0.028555335
Sonoma	2029	LHDT2	Aggregate	35	Electricity	277.1939597	0	277.1939597	0	0	0
Sonoma	2029	LHDT2	Aggregate	40	Gasoline	502.6003699	502.6003699	0	0.094925501	0.000723997	0.000787413
Sonoma	2029	LHDT2	Aggregate	40	Diesel	3188.081988	3188.081988	0	1.110230946	0.023423071	0.024482159
Sonoma	2029	LHDT2	Aggregate	40	Electricity	128.9750129	0	128.9750129	0	0	0
Sonoma	2029	LHDT2	Aggregate	45	Gasoline	567.8505748	567.8505748	0	0.094245636	0.000699369	0.000760627
Sonoma	2029	LHDT2	Aggregate	45	Diesel	3230.242602	3230.242602	0	1.089027896	0.020619259	0.02155157
Sonoma	2029	LHDT2	Aggregate	45	Electricity	132.4880278	0	132.4880278	0	0	0
Sonoma	2030	HHDT	Aggregate	5	Gasoline	1.59265677	1.59265677	0	6.798647984	0.008243081	0.008965102
Sonoma	2030	HHDT	Aggregate	5	Diesel	434.8707966	434.8707966	0	15.79839979	0.085517525	0.089384248
Sonoma	2030	HHDT	Aggregate	5	Electricity	36.83641013	0	36.83641013	0	0	0
Sonoma	2030	HHDT	Aggregate	5	Natural Gas	2.16349932	2.16349932	0	1.897169779	0.008012823	0.008714676
Sonoma	2030	HHDT	Aggregate	35	Gasoline	2.316511379	2.316511379	0	3.705641492	0.001141989	0.001242017
Sonoma	2030	HHDT	Aggregate	35	Diesel	7435.796005	7435.796005	0	2.313033028	0.009359977	0.009783194
Sonoma	2030	HHDT	Aggregate	35	Electricity	580.2802088	0	580.2802088	0	0	0
Sonoma	2030	HHDT	Aggregate	35	Natural Gas	824.8953604	824.8953604	0	0.499459512	0.001622455	0.001764568
Sonoma	2030	HHDT	Aggregate	40	Gasoline	2.323187109	2.323187109	0	3.538324695	0.000989583	0.001076262
Sonoma	2030	HHDT	Aggregate	40	Diesel	8749.279716	8749.279716	0	1.865660433	0.010278751	0.01074351
Sonoma	2030	HHDT	Aggregate	40	Electricity	670.1853909	0	670.1853909	0	0	0
Sonoma	2030	HHDT	Aggregate	40	Natural Gas	884.083669	884.083669	0	0.446624399	0.001402118	0.001524931
Sonoma	2030	HHDT	Aggregate	45	Gasoline	2.395428497	2.395428497	0	3.450465302	0.000906205	0.000985581
Sonoma	2030	HHDT	Aggregate	45	Diesel	9420.847396	9420.847396	0	1.617996661	0.012420504	0.012982104
Sonoma	2030	HHDT	Aggregate	45	Electricity	713.8120622	0	713.8120622	0	0	0
Sonoma	2030	HHDT	Aggregate	45	Natural Gas	890.3258331	890.3258331	0	0.406911146	0.001283029	0.001395411

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2030	LHDT1	Aggregate	5	Gasoline	7026.641808	7026.641808	0	0.224907752	0.004003386	0.004354048
Sonoma	2030	LHDT1	Aggregate	5	Diesel	4233.807331	4233.807331	0	2.25589856	0.092101368	0.096265783
Sonoma	2030	LHDT1	Aggregate	5	Electricity	667.2761582	0	667.2761582	0	0	0
Sonoma	2030	LHDT1	Aggregate	35	Gasoline	11578.87687	11578.87687	0	0.144655171	0.000993876	0.00108093
Sonoma	2030	LHDT1	Aggregate	35	Diesel	13925.44556	13925.44556	0	1.618901745	0.030087558	0.031447983
Sonoma	2030	LHDT1	Aggregate	35	Electricity	1416.063737	0	1416.063737	0	0	0
Sonoma	2030	LHDT1	Aggregate	40	Gasoline	3164.604281	3164.604281	0	0.14686605	0.000907157	0.000986616
Sonoma	2030	LHDT1	Aggregate	40	Diesel	7346.458551	7346.458551	0	1.600331007	0.025732038	0.026895527
Sonoma	2030	LHDT1	Aggregate	40	Electricity	548.7378862	0	548.7378862	0	0	0
Sonoma	2030	LHDT1	Aggregate	45	Gasoline	3588.800052	3588.800052	0	0.145634575	0.000871335	0.000947656
Sonoma	2030	LHDT1	Aggregate	45	Diesel	7447.444411	7447.444411	0	1.599468784	0.022666345	0.023691216
Sonoma	2030	LHDT1	Aggregate	45	Electricity	580.1924265	0	580.1924265	0	0	0
Sonoma	2030	LHDT2	Aggregate	5	Gasoline	1066.04419	1066.04419	0	0.136886227	0.00259095	0.002817895
Sonoma	2030	LHDT2	Aggregate	5	Diesel	1761.42373	1761.42373	0	1.872903357	0.077353374	0.08085095
Sonoma	2030	LHDT2	Aggregate	5	Electricity	141.2335494	0	141.2335494	0	0	0
Sonoma	2030	LHDT2	Aggregate	35	Gasoline	1752.76465	1752.76465	0	0.085003099	0.000780831	0.000849224
Sonoma	2030	LHDT2	Aggregate	35	Diesel	5786.635253	5786.635253	0	1.103993523	0.026796229	0.028007835
Sonoma	2030	LHDT2	Aggregate	35	Electricity	373.0024167	0	373.0024167	0	0	0
Sonoma	2030	LHDT2	Aggregate	40	Gasoline	477.5265806	477.5265806	0	0.086166142	0.000718368	0.000781291
Sonoma	2030	LHDT2	Aggregate	40	Diesel	3051.610964	3051.610964	0	1.063533701	0.022999793	0.024039742
Sonoma	2030	LHDT2	Aggregate	40	Electricity	173.5947029	0	173.5947029	0	0	0
Sonoma	2030	LHDT2	Aggregate	45	Gasoline	539.5467691	539.5467691	0	0.085574899	0.000694836	0.000755698
Sonoma	2030	LHDT2	Aggregate	45	Diesel	3091.598768	3091.598768	0	1.04296055	0.020261153	0.021177273
Sonoma	2030	LHDT2	Aggregate	45	Electricity	178.3256325	0	178.3256325	0	0	0
Sonoma	2031	HHDT	Aggregate	5	Gasoline	1.614965471	1.614965471	0	6.196083641	0.007940593	0.008636119
Sonoma	2031	HHDT	Aggregate	5	Diesel	423.2242071	423.2242071	0	15.00324944	0.077196357	0.080686834
Sonoma	2031	HHDT	Aggregate	5	Electricity	48.37663677	0	48.37663677	0	0	0
Sonoma	2031	HHDT	Aggregate	5	Natural Gas	2.158064905	2.158064905	0	1.821178535	0.008075806	0.008783176
Sonoma	2031	HHDT	Aggregate	35	Gasoline	2.348447341	2.348447341	0	3.37636879	0.00109994	0.001196285
Sonoma	2031	HHDT	Aggregate	35	Diesel	7332.566501	7332.566501	0	2.207844686	0.008685045	0.009077744
Sonoma	2031	HHDT	Aggregate	35	Electricity	759.1786287	0	759.1786287	0	0	0
Sonoma	2031	HHDT	Aggregate	35	Natural Gas	829.3664219	829.3664219	0	0.466147804	0.001591281	0.001730663
Sonoma	2031	HHDT	Aggregate	40	Gasoline	2.355848286	2.355848286	0	3.224987007	0.000953298	0.001036799
Sonoma	2031	HHDT	Aggregate	40	Diesel	8636.428594	8636.428594	0	1.773115858	0.009720317	0.010159827
Sonoma	2031	HHDT	Aggregate	40	Electricity	876.4579675	0	876.4579675	0	0	0
Sonoma	2031	HHDT	Aggregate	40	Natural Gas	888.2196639	888.2196639	0	0.417515897	0.001370052	0.001490056
Sonoma	2031	HHDT	Aggregate	45	Gasoline	2.428550454	2.428550454	0	3.144033772	0.00087286	0.000949314
Sonoma	2031	HHDT	Aggregate	45	Diesel	9304.724218	9304.724218	0	1.529329089	0.011918357	0.012457252
Sonoma	2031	HHDT	Aggregate	45	Electricity	933.4928634	0	933.4928634	0	0	0
Sonoma	2031	HHDT	Aggregate	45	Natural Gas	893.8276869	893.8276869	0	0.380926199	0.00124935	0.001358783
Sonoma	2031	LHDT1	Aggregate	5	Gasoline	6728.48451	6728.48451	0	0.206571107	0.003824695	0.004159705
Sonoma	2031	LHDT1	Aggregate	5	Diesel	3992.574828	3992.574828	0	2.139936851	0.087655812	0.091619218
Sonoma	2031	LHDT1	Aggregate	5	Electricity	862.6303529	0	862.6303529	0	0	0
Sonoma	2031	LHDT1	Aggregate	35	Gasoline	11086.40208	11086.40208	0	0.126209168	0.000968357	0.001053176
Sonoma	2031	LHDT1	Aggregate	35	Diesel	13127.68491	13127.68491	0	1.511179374	0.028944935	0.030253696

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2031	LHDT1	Aggregate	35	Electricity	1829.494497	0	1829.494497	0	0	0
Sonoma	2031	LHDT1	Aggregate	40	Gasoline	3029.55923	3029.55923	0	0.127044943	0.000883836	0.000961252
Sonoma	2031	LHDT1	Aggregate	40	Diesel	6924.862168	6924.862168	0	1.491336331	0.024770169	0.025890166
Sonoma	2031	LHDT1	Aggregate	40	Electricity	708.4866512	0	708.4866512	0	0	0
Sonoma	2031	LHDT1	Aggregate	45	Gasoline	3435.066804	3435.066804	0	0.125007219	0.000848886	0.000923241
Sonoma	2031	LHDT1	Aggregate	45	Diesel	7018.820789	7018.820789	0	1.489051442	0.021819434	0.022806012
Sonoma	2031	LHDT1	Aggregate	45	Electricity	749.2092636	0	749.2092636	0	0	0
Sonoma	2031	LHDT2	Aggregate	5	Gasoline	1011.105934	1011.105934	0	0.124618456	0.0024835	0.002701033
Sonoma	2031	LHDT2	Aggregate	5	Diesel	1683.295201	1683.295201	0	1.811768255	0.075161184	0.078559639
Sonoma	2031	LHDT2	Aggregate	5	Electricity	182.2683027	0	182.2683027	0	0	0
Sonoma	2031	LHDT2	Aggregate	35	Gasoline	1662.439381	1662.439381	0	0.076097514	0.000772888	0.000840587
Sonoma	2031	LHDT2	Aggregate	35	Diesel	5528.592208	5528.592208	0	1.06004356	0.026258181	0.027445459
Sonoma	2031	LHDT2	Aggregate	35	Electricity	481.589295	0	481.589295	0	0	0
Sonoma	2031	LHDT2	Aggregate	40	Gasoline	452.9193209	452.9193209	0	0.076894649	0.000711716	0.000774056
Sonoma	2031	LHDT2	Aggregate	40	Diesel	2915.297292	2915.297292	0	1.02043489	0.022555533	0.023575394
Sonoma	2031	LHDT2	Aggregate	40	Electricity	224.1961392	0	224.1961392	0	0	0
Sonoma	2031	LHDT2	Aggregate	45	Gasoline	511.7450541	511.7450541	0	0.076156447	0.00068893	0.000749274
Sonoma	2031	LHDT2	Aggregate	45	Diesel	2953.106273	2953.106273	0	1.000363695	0.019875101	0.020773765
Sonoma	2031	LHDT2	Aggregate	45	Electricity	230.3057669	0	230.3057669	0	0	0
Sonoma	2032	HHDT	Aggregate	5	Gasoline	1.603058507	1.603058507	0	4.868024727	0.007237739	0.007871701
Sonoma	2032	HHDT	Aggregate	5	Diesel	411.9259488	411.9259488	0	14.36956111	0.07074912	0.073948081
Sonoma	2032	HHDT	Aggregate	5	Electricity	59.44490223	0	59.44490223	0	0	0
Sonoma	2032	HHDT	Aggregate	5	Natural Gas	2.145986629	2.145986629	0	1.747378207	0.008136717	0.008849423
Sonoma	2032	HHDT	Aggregate	35	Gasoline	2.330434125	2.330434125	0	2.649640641	0.001002091	0.001089865
Sonoma	2032	HHDT	Aggregate	35	Diesel	7228.092306	7228.092306	0	2.121119677	0.008163573	0.008532694
Sonoma	2032	HHDT	Aggregate	35	Electricity	948.9164518	0	948.9164518	0	0	0
Sonoma	2032	HHDT	Aggregate	35	Natural Gas	829.5689542	829.5689542	0	0.428934671	0.001548249	0.001683862
Sonoma	2032	HHDT	Aggregate	40	Gasoline	2.338642269	2.338642269	0	2.534612046	0.000869017	0.000945135
Sonoma	2032	HHDT	Aggregate	40	Diesel	8521.949866	8521.949866	0	1.696424369	0.009290335	0.009710402
Sonoma	2032	HHDT	Aggregate	40	Electricity	1095.214876	0	1095.214876	0	0	0
Sonoma	2032	HHDT	Aggregate	40	Natural Gas	887.8614735	887.8614735	0	0.384785453	0.001325498	0.0014416
Sonoma	2032	HHDT	Aggregate	45	Gasoline	2.41005658	2.41005658	0	2.467891353	0.000795283	0.000864943
Sonoma	2032	HHDT	Aggregate	45	Diesel	9187.314446	9187.314446	0	1.455673087	0.011533797	0.012055304
Sonoma	2032	HHDT	Aggregate	45	Electricity	1166.370801	0	1166.370801	0	0	0
Sonoma	2032	HHDT	Aggregate	45	Natural Gas	892.8300463	892.8300463	0	0.351527247	0.001202178	0.001307479
Sonoma	2032	LHDT1	Aggregate	5	Gasoline	6435.996153	6435.996153	0	0.192160662	0.00368975	0.00401294
Sonoma	2032	LHDT1	Aggregate	5	Diesel	3762.687355	3762.687355	0	2.035014866	0.084035709	0.087835431
Sonoma	2032	LHDT1	Aggregate	5	Electricity	1079.110019	0	1079.110019	0	0	0
Sonoma	2032	LHDT1	Aggregate	35	Gasoline	10604.01269	10604.01269	0	0.111472076	0.000950526	0.001033783
Sonoma	2032	LHDT1	Aggregate	35	Diesel	12367.79777	12367.79777	0	1.408754699	0.028049875	0.029318166
Sonoma	2032	LHDT1	Aggregate	35	Electricity	2287.473132	0	2287.473132	0	0	0
Sonoma	2032	LHDT1	Aggregate	40	Gasoline	2897.558771	2897.558771	0	0.111459327	0.000868137	0.000944178
Sonoma	2032	LHDT1	Aggregate	40	Diesel	6523.340896	6523.340896	0	1.387040204	0.024013065	0.025098829
Sonoma	2032	LHDT1	Aggregate	40	Electricity	885.3841629	0	885.3841629	0	0	0
Sonoma	2032	LHDT1	Aggregate	45	Gasoline	3285.163717	3285.163717	0	0.109097901	0.000834426	0.000907515

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2032	LHDT1	Aggregate	45	Diesel	6610.707456	6610.707456	0	1.382789782	0.021147696	0.022103901
Sonoma	2032	LHDT1	Aggregate	45	Electricity	936.3842788	0	936.3842788	0	0	0
Sonoma	2032	LHDT2	Aggregate	5	Gasoline	956.1969493	956.1969493	0	0.113948157	0.002399024	0.002609158
Sonoma	2032	LHDT2	Aggregate	5	Diesel	1605.470118	1605.470118	0	1.754958138	0.073091552	0.076396428
Sonoma	2032	LHDT2	Aggregate	5	Electricity	227.6894583	0	227.6894583	0	0	0
Sonoma	2032	LHDT2	Aggregate	35	Gasoline	1572.174934	1572.174934	0	0.068920678	0.000769213	0.000836589
Sonoma	2032	LHDT2	Aggregate	35	Diesel	5271.688117	5271.688117	0	1.016507868	0.025777651	0.026943202
Sonoma	2032	LHDT2	Aggregate	35	Electricity	601.9013029	0	601.9013029	0	0	0
Sonoma	2032	LHDT2	Aggregate	40	Gasoline	428.3335611	428.3335611	0	0.069554489	0.000709118	0.000771231
Sonoma	2032	LHDT2	Aggregate	40	Diesel	2779.60837	2779.60837	0	0.977306691	0.022152423	0.023154057
Sonoma	2032	LHDT2	Aggregate	40	Electricity	280.2986001	0	280.2986001	0	0	0
Sonoma	2032	LHDT2	Aggregate	45	Gasoline	483.9741086	483.9741086	0	0.068833627	0.000687093	0.000747277
Sonoma	2032	LHDT2	Aggregate	45	Diesel	2815.287282	2815.287282	0	0.957350636	0.019517609	0.020400108
Sonoma	2032	LHDT2	Aggregate	45	Electricity	287.9324607	0	287.9324607	0	0	0
Sonoma	2033	HHDT	Aggregate	5	Gasoline	1.620280979	1.620280979	0	4.808440533	0.007212385	0.007844127
Sonoma	2033	HHDT	Aggregate	5	Diesel	399.5356428	399.5356428	0	13.66343492	0.062544387	0.065372366
Sonoma	2033	HHDT	Aggregate	5	Electricity	71.38144669	0	71.38144669	0	0	0
Sonoma	2033	HHDT	Aggregate	5	Natural Gas	2.133219872	2.133219872	0	1.676669225	0.008194353	0.008912107
Sonoma	2033	HHDT	Aggregate	35	Gasoline	2.355129775	2.355129775	0	2.616940826	0.000998552	0.001086016
Sonoma	2033	HHDT	Aggregate	35	Diesel	7115.445821	7115.445821	0	2.030618808	0.007541827	0.007882835
Sonoma	2033	HHDT	Aggregate	35	Electricity	1151.385913	0	1151.385913	0	0	0
Sonoma	2033	HHDT	Aggregate	35	Natural Gas	825.2354239	825.2354239	0	0.402789878	0.001523711	0.001657175
Sonoma	2033	HHDT	Aggregate	40	Gasoline	2.363847364	2.363847364	0	2.503679687	0.000865978	0.000941831
Sonoma	2033	HHDT	Aggregate	40	Diesel	8398.619576	8398.619576	0	1.616575294	0.008782239	0.009179333
Sonoma	2033	HHDT	Aggregate	40	Electricity	1327.889858	0	1327.889858	0	0	0
Sonoma	2033	HHDT	Aggregate	40	Natural Gas	882.6689473	882.6689473	0	0.362007747	0.001299873	0.001413731
Sonoma	2033	HHDT	Aggregate	45	Gasoline	2.435661394	2.435661394	0	2.437489967	0.000792479	0.000861893
Sonoma	2033	HHDT	Aggregate	45	Diesel	9060.755667	9060.755667	0	1.378816328	0.011080268	0.011581268
Sonoma	2033	HHDT	Aggregate	45	Electricity	1413.5316	0	1413.5316	0	0	0
Sonoma	2033	HHDT	Aggregate	45	Natural Gas	887.0666843	887.0666843	0	0.331208458	0.001175063	0.001277988
Sonoma	2033	LHDT1	Aggregate	5	Gasoline	6134.140311	6134.140311	0	0.181485082	0.00347656	0.003781076
Sonoma	2033	LHDT1	Aggregate	5	Diesel	3535.661899	3535.661899	0	1.933525881	0.080718366	0.084368092
Sonoma	2033	LHDT1	Aggregate	5	Electricity	1314.990389	0	1314.990389	0	0	0
Sonoma	2033	LHDT1	Aggregate	35	Gasoline	10106.14501	10106.14501	0	0.105435773	0.000931089	0.001012644
Sonoma	2033	LHDT1	Aggregate	35	Diesel	11617.39604	11617.39604	0	1.306952266	0.027247014	0.028479003
Sonoma	2033	LHDT1	Aggregate	35	Electricity	2786.332698	0	2786.332698	0	0	0
Sonoma	2033	LHDT1	Aggregate	40	Gasoline	2761.311679	2761.311679	0	0.105479107	0.000852069	0.000926702
Sonoma	2033	LHDT1	Aggregate	40	Diesel	6126.8359	6126.8359	0	1.283004602	0.02333043	0.024385328
Sonoma	2033	LHDT1	Aggregate	40	Electricity	1078.006908	0	1078.006908	0	0	0
Sonoma	2033	LHDT1	Aggregate	45	Gasoline	3130.423429	3130.423429	0	0.103307693	0.000820425	0.000892287
Sonoma	2033	LHDT1	Aggregate	45	Diesel	6207.699858	6207.699858	0	1.276422789	0.020537414	0.021466025
Sonoma	2033	LHDT1	Aggregate	45	Electricity	1140.212269	0	1140.212269	0	0	0
Sonoma	2033	LHDT2	Aggregate	5	Gasoline	903.0506618	903.0506618	0	0.10518674	0.002327441	0.002531304
Sonoma	2033	LHDT2	Aggregate	5	Diesel	1528.588291	1528.588291	0	1.706204615	0.071605401	0.07484308
Sonoma	2033	LHDT2	Aggregate	5	Electricity	277.1014439	0	277.1014439	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2033	LHDT2	Aggregate	35	Gasoline	1484.816505	1484.816505	0	0.063971918	0.000768715	0.000836047
Sonoma	2033	LHDT2	Aggregate	35	Diesel	5018.381305	5018.381305	0	0.979485934	0.025463754	0.026615112
Sonoma	2033	LHDT2	Aggregate	35	Electricity	732.8929277	0	732.8929277	0	0	0
Sonoma	2033	LHDT2	Aggregate	40	Gasoline	404.5425636	404.5425636	0	0.064648033	0.000709582	0.000771735
Sonoma	2033	LHDT2	Aggregate	40	Diesel	2645.901105	2645.901105	0	0.94066358	0.021891086	0.022880904
Sonoma	2033	LHDT2	Aggregate	40	Electricity	341.4152794	0	341.4152794	0	0	0
Sonoma	2033	LHDT2	Aggregate	45	Gasoline	457.1051438	457.1051438	0	0.064078714	0.000688342	0.000748635
Sonoma	2033	LHDT2	Aggregate	45	Diesel	2679.618252	2679.618252	0	0.920871848	0.019287165	0.020159245
Sonoma	2033	LHDT2	Aggregate	45	Electricity	350.7055726	0	350.7055726	0	0	0
Sonoma	2034	HHDT	Aggregate	5	Gasoline	1.623516313	1.623516313	0	4.724154271	0.007195388	0.007825641
Sonoma	2034	HHDT	Aggregate	5	Diesel	387.1221205	387.1221205	0	13.0596546	0.055583159	0.058096383
Sonoma	2034	HHDT	Aggregate	5	Electricity	83.21627192	0	83.21627192	0	0	0
Sonoma	2034	HHDT	Aggregate	5	Natural Gas	2.107219029	2.107219029	0	1.61042536	0.008248477	0.008970971
Sonoma	2034	HHDT	Aggregate	35	Gasoline	2.359502805	2.359502805	0	2.570815732	0.000996175	0.001083431
Sonoma	2034	HHDT	Aggregate	35	Diesel	7001.665189	7001.665189	0	1.951446886	0.007046453	0.007365062
Sonoma	2034	HHDT	Aggregate	35	Electricity	1357.806973	0	1357.806973	0	0	0
Sonoma	2034	HHDT	Aggregate	35	Natural Gas	818.6066609	818.6066609	0	0.380426595	0.001503189	0.001634855
Sonoma	2034	HHDT	Aggregate	40	Gasoline	2.368644555	2.368644555	0	2.459879094	0.000863942	0.000939616
Sonoma	2034	HHDT	Aggregate	40	Diesel	8273.811504	8273.811504	0	1.546403564	0.008381606	0.008760585
Sonoma	2034	HHDT	Aggregate	40	Electricity	1565.237434	0	1565.237434	0	0	0
Sonoma	2034	HHDT	Aggregate	40	Natural Gas	875.041157	875.041157	0	0.34254299	0.001278419	0.001390398
Sonoma	2034	HHDT	Aggregate	45	Gasoline	2.440247116	2.440247116	0	2.394580109	0.000790596	0.000859845
Sonoma	2034	HHDT	Aggregate	45	Diesel	8932.629805	8932.629805	0	1.311059015	0.010726533	0.01121154
Sonoma	2034	HHDT	Aggregate	45	Electricity	1665.48977	0	1665.48977	0	0	0
Sonoma	2034	HHDT	Aggregate	45	Natural Gas	878.9822299	878.9822299	0	0.313855452	0.00115241	0.001253351
Sonoma	2034	LHDT1	Aggregate	5	Gasoline	5829.722021	5829.722021	0	0.166990878	0.003212823	0.003494238
Sonoma	2034	LHDT1	Aggregate	5	Diesel	3318.498984	3318.498984	0	1.845042447	0.077921758	0.081445034
Sonoma	2034	LHDT1	Aggregate	5	Electricity	1568.60599	0	1568.60599	0	0	0
Sonoma	2034	LHDT1	Aggregate	35	Gasoline	9603.986474	9603.986474	0	0.097206559	0.000903633	0.000982783
Sonoma	2034	LHDT1	Aggregate	35	Diesel	10900.1775	10900.1775	0	1.215383087	0.026608801	0.027811932
Sonoma	2034	LHDT1	Aggregate	35	Electricity	3322.635228	0	3322.635228	0	0	0
Sonoma	2034	LHDT1	Aggregate	40	Gasoline	2623.865394	2623.865394	0	0.097289903	0.000828794	0.000901389
Sonoma	2034	LHDT1	Aggregate	40	Diesel	5747.963093	5747.963093	0	1.189070233	0.022781072	0.023811131
Sonoma	2034	LHDT1	Aggregate	40	Electricity	1285.060654	0	1285.060654	0	0	0
Sonoma	2034	LHDT1	Aggregate	45	Gasoline	2974.288535	2974.288535	0	0.095338081	0.000799578	0.000869614
Sonoma	2034	LHDT1	Aggregate	45	Diesel	5822.778996	5822.778996	0	1.180066733	0.020038275	0.020944317
Sonoma	2034	LHDT1	Aggregate	45	Electricity	1359.318907	0	1359.318907	0	0	0
Sonoma	2034	LHDT2	Aggregate	5	Gasoline	850.5322966	850.5322966	0	0.096814162	0.002266624	0.002465161
Sonoma	2034	LHDT2	Aggregate	5	Diesel	1451.044154	1451.044154	0	1.666578284	0.070105176	0.073275021
Sonoma	2034	LHDT2	Aggregate	5	Electricity	330.1875138	0	330.1875138	0	0	0
Sonoma	2034	LHDT2	Aggregate	35	Gasoline	1398.472474	1398.472474	0	0.059240467	0.000769545	0.00083695
Sonoma	2034	LHDT2	Aggregate	35	Diesel	4762.771729	4762.771729	0	0.947242687	0.025186329	0.026325143
Sonoma	2034	LHDT2	Aggregate	35	Electricity	873.7228842	0	873.7228842	0	0	0
Sonoma	2034	LHDT2	Aggregate	40	Gasoline	381.0209348	381.0209348	0	0.059959319	0.000711181	0.000773474
Sonoma	2034	LHDT2	Aggregate	40	Diesel	2510.95792	2510.95792	0	0.90832125	0.021643899	0.02262254

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2034	LHDT2	Aggregate	40	Electricity	407.1530745	0	407.1530745	0	0	0
Sonoma	2034	LHDT2	Aggregate	45	Gasoline	430.5313402	430.5313402	0	0.059537264	0.000690615	0.000751107
Sonoma	2034	LHDT2	Aggregate	45	Diesel	2542.66086	2542.66086	0	0.88822287	0.019050569	0.019911951
Sonoma	2034	LHDT2	Aggregate	45	Electricity	418.2217377	0	418.2217377	0	0	0
Sonoma	2035	HHDT	Aggregate	5	Gasoline	1.614522071	1.614522071	0	4.688535882	0.007191238	0.007821127
Sonoma	2035	HHDT	Aggregate	5	Diesel	374.3506352	374.3506352	0	12.48509152	0.048900873	0.051111954
Sonoma	2035	HHDT	Aggregate	5	Electricity	95.13922558	0	95.13922558	0	0	0
Sonoma	2035	HHDT	Aggregate	5	Natural Gas	2.072771467	2.072771467	0	1.546971136	0.008300531	0.009027585
Sonoma	2035	HHDT	Aggregate	35	Gasoline	2.346150712	2.346150712	0	2.551280143	0.000995588	0.001082792
Sonoma	2035	HHDT	Aggregate	35	Diesel	6885.046107	6885.046107	0	1.876887585	0.006618561	0.006917823
Sonoma	2035	HHDT	Aggregate	35	Electricity	1569.044162	0	1569.044162	0	0	0
Sonoma	2035	HHDT	Aggregate	35	Natural Gas	809.7882014	809.7882014	0	0.359104954	0.001481626	0.001611403
Sonoma	2035	HHDT	Aggregate	40	Gasoline	2.355587949	2.355587949	0	2.441388543	0.000863447	0.000939077
Sonoma	2035	HHDT	Aggregate	40	Diesel	8145.952522	8145.952522	0	1.479970947	0.008040385	0.008403936
Sonoma	2035	HHDT	Aggregate	40	Electricity	1807.916432	0	1807.916432	0	0	0
Sonoma	2035	HHDT	Aggregate	40	Natural Gas	865.1268955	865.1268955	0	0.323942596	0.001255652	0.001365637
Sonoma	2035	HHDT	Aggregate	45	Gasoline	2.426491857	2.426491857	0	2.376416509	0.000790131	0.00085934
Sonoma	2035	HHDT	Aggregate	45	Diesel	8801.459747	8801.459747	0	1.246669198	0.010429473	0.010901047
Sonoma	2035	HHDT	Aggregate	45	Electricity	1922.784627	0	1922.784627	0	0	0
Sonoma	2035	HHDT	Aggregate	45	Natural Gas	868.737965	868.737965	0	0.297255869	0.001128167	0.001226984
Sonoma	2035	LHDT1	Aggregate	5	Gasoline	5520.959313	5520.959313	0	0.152848014	0.002936098	0.003193274
Sonoma	2035	LHDT1	Aggregate	5	Diesel	3101.928294	3101.928294	0	1.75205662	0.074747175	0.07812691
Sonoma	2035	LHDT1	Aggregate	5	Electricity	1837.773422	0	1837.773422	0	0	0
Sonoma	2035	LHDT1	Aggregate	35	Gasoline	9094.760368	9094.760368	0	0.089160292	0.000873244	0.000949733
Sonoma	2035	LHDT1	Aggregate	35	Diesel	10185.15812	10185.15812	0	1.125118652	0.025837203	0.027005446
Sonoma	2035	LHDT1	Aggregate	35	Electricity	3891.75417	0	3891.75417	0	0	0
Sonoma	2035	LHDT1	Aggregate	40	Gasoline	2484.522889	2484.522889	0	0.089265152	0.000802786	0.000873103
Sonoma	2035	LHDT1	Aggregate	40	Diesel	5370.293067	5370.293067	0	1.097072871	0.022122969	0.023123272
Sonoma	2035	LHDT1	Aggregate	40	Electricity	1504.755609	0	1504.755609	0	0	0
Sonoma	2035	LHDT1	Aggregate	45	Gasoline	2816.049624	2816.049624	0	0.087508981	0.000776045	0.000844019
Sonoma	2035	LHDT1	Aggregate	45	Diesel	5439.149083	5439.149083	0	1.086150526	0.019447818	0.020327162
Sonoma	2035	LHDT1	Aggregate	45	Electricity	1591.810109	0	1591.810109	0	0	0
Sonoma	2035	LHDT2	Aggregate	5	Gasoline	797.9676205	797.9676205	0	0.08815523	0.00218485	0.002376224
Sonoma	2035	LHDT2	Aggregate	5	Diesel	1373.22713	1373.22713	0	1.629536857	0.068747893	0.071856368
Sonoma	2035	LHDT2	Aggregate	5	Electricity	386.4826062	0	386.4826062	0	0	0
Sonoma	2035	LHDT2	Aggregate	35	Gasoline	1312.033997	1312.033997	0	0.054323181	0.000766809	0.000833975
Sonoma	2035	LHDT2	Aggregate	35	Diesel	4506.47463	4506.47463	0	0.921767539	0.024918666	0.026045378
Sonoma	2035	LHDT2	Aggregate	35	Electricity	1023.169681	0	1023.169681	0	0	0
Sonoma	2035	LHDT2	Aggregate	40	Gasoline	357.4664686	357.4664686	0	0.055061939	0.000709525	0.000771673
Sonoma	2035	LHDT2	Aggregate	40	Diesel	2375.687636	2375.687636	0	0.883308001	0.02141075	0.022378849
Sonoma	2035	LHDT2	Aggregate	40	Electricity	476.9457481	0	476.9457481	0	0	0
Sonoma	2035	LHDT2	Aggregate	45	Gasoline	403.9110961	403.9110961	0	0.054766303	0.000689747	0.000750162
Sonoma	2035	LHDT2	Aggregate	45	Diesel	2405.43175	2405.43175	0	0.863376429	0.018833114	0.019684664
Sonoma	2035	LHDT2	Aggregate	45	Electricity	489.8986021	0	489.8986021	0	0	0
Sonoma	2036	HHDT	Aggregate	5	Gasoline	1.596906365	1.596906365	0	4.653454785	0.007190591	0.007820423

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2036	HHDT	Aggregate	5	Diesel	362.7661815	362.7661815	0	11.90334533	0.043470454	0.045435995
Sonoma	2036	HHDT	Aggregate	5	Electricity	105.8001535	0	105.8001535	0	0	0
Sonoma	2036	HHDT	Aggregate	5	Natural Gas	2.041209314	2.041209314	0	1.481779101	0.008354428	0.009086203
Sonoma	2036	HHDT	Aggregate	35	Gasoline	2.320302867	2.320302867	0	2.532153207	0.000995487	0.001082683
Sonoma	2036	HHDT	Aggregate	35	Diesel	6770.541184	6770.541184	0	1.81224833	0.006435635	0.006726626
Sonoma	2036	HHDT	Aggregate	35	Electricity	1771.495465	0	1771.495465	0	0	0
Sonoma	2036	HHDT	Aggregate	35	Natural Gas	799.9416125	799.9416125	0	0.344329744	0.001473985	0.001603093
Sonoma	2036	HHDT	Aggregate	40	Gasoline	2.329945003	2.329945003	0	2.42314455	0.000863371	0.000938995
Sonoma	2036	HHDT	Aggregate	40	Diesel	8020.039654	8020.039654	0	1.421418796	0.007902968	0.008260305
Sonoma	2036	HHDT	Aggregate	40	Electricity	2040.668901	0	2040.668901	0	0	0
Sonoma	2036	HHDT	Aggregate	40	Natural Gas	854.3063732	854.3063732	0	0.311192092	0.00124685	0.001356063
Sonoma	2036	HHDT	Aggregate	45	Gasoline	2.3998067	2.3998067	0	2.358611353	0.000790053	0.000859255
Sonoma	2036	HHDT	Aggregate	45	Diesel	8671.503997	8671.503997	0	1.189203457	0.010315229	0.010781638
Sonoma	2036	HHDT	Aggregate	45	Electricity	2169.308143	0	2169.308143	0	0	0
Sonoma	2036	HHDT	Aggregate	45	Natural Gas	857.6976533	857.6976533	0	0.285967327	0.001118408	0.00121637
Sonoma	2036	LHDT1	Aggregate	5	Gasoline	5239.977226	5239.977226	0	0.135645659	0.002834635	0.003082924
Sonoma	2036	LHDT1	Aggregate	5	Diesel	2901.347502	2901.347502	0	1.65974212	0.071918893	0.075170746
Sonoma	2036	LHDT1	Aggregate	5	Electricity	2092.335089	0	2092.335089	0	0	0
Sonoma	2036	LHDT1	Aggregate	35	Gasoline	8631.521492	8631.521492	0	0.079365476	0.000866145	0.000942012
Sonoma	2036	LHDT1	Aggregate	35	Diesel	9523.313032	9523.313032	0	1.039022807	0.025121919	0.026257821
Sonoma	2036	LHDT1	Aggregate	35	Electricity	4429.161359	0	4429.161359	0	0	0
Sonoma	2036	LHDT1	Aggregate	40	Gasoline	2357.829985	2357.829985	0	0.079494498	0.000797177	0.000867002
Sonoma	2036	LHDT1	Aggregate	40	Diesel	5020.774116	5020.774116	0	1.00967496	0.02151929	0.022492297
Sonoma	2036	LHDT1	Aggregate	40	Electricity	1711.879696	0	1711.879696	0	0	0
Sonoma	2036	LHDT1	Aggregate	45	Gasoline	2672.261891	2672.261891	0	0.077973979	0.0007714	0.000838968
Sonoma	2036	LHDT1	Aggregate	45	Diesel	5084.223077	5084.223077	0	0.997211199	0.018913465	0.019768648
Sonoma	2036	LHDT1	Aggregate	45	Electricity	1811.053472	0	1811.053472	0	0	0
Sonoma	2036	LHDT2	Aggregate	5	Gasoline	747.3957835	747.3957835	0	0.080248982	0.002140678	0.002328183
Sonoma	2036	LHDT2	Aggregate	5	Diesel	1298.235217	1298.235217	0	1.585147214	0.067929003	0.071000451
Sonoma	2036	LHDT2	Aggregate	5	Electricity	439.5483027	0	439.5483027	0	0	0
Sonoma	2036	LHDT2	Aggregate	35	Gasoline	1228.919123	1228.919123	0	0.049825797	0.000768786	0.000836125
Sonoma	2036	LHDT2	Aggregate	35	Diesel	4259.370129	4259.370129	0	0.890480874	0.024739256	0.025857855
Sonoma	2036	LHDT2	Aggregate	35	Electricity	1164.090096	0	1164.090096	0	0	0
Sonoma	2036	LHDT2	Aggregate	40	Gasoline	334.8357504	334.8357504	0	0.050584463	0.000712004	0.000774369
Sonoma	2036	LHDT2	Aggregate	40	Diesel	2245.250097	2245.250097	0	0.85245236	0.021264306	0.022225783
Sonoma	2036	LHDT2	Aggregate	40	Electricity	542.7713799	0	542.7713799	0	0	0
Sonoma	2036	LHDT2	Aggregate	45	Gasoline	378.3585675	378.3585675	0	0.050406079	0.000692719	0.000753395
Sonoma	2036	LHDT2	Aggregate	45	Diesel	2273.073453	2273.073453	0	0.832578866	0.018705716	0.019551506
Sonoma	2036	LHDT2	Aggregate	45	Electricity	557.4989854	0	557.4989854	0	0	0
Sonoma	2037	HHDT	Aggregate	5	Gasoline	1.567684689	1.567684689	0	4.554380725	0.007184987	0.007814329
Sonoma	2037	HHDT	Aggregate	5	Diesel	351.6754038	351.6754038	0	11.28355191	0.037690348	0.039394538
Sonoma	2037	HHDT	Aggregate	5	Electricity	115.9459793	0	115.9459793	0	0	0
Sonoma	2037	HHDT	Aggregate	5	Natural Gas	2.010202061	2.010202061	0	1.416997661	0.008408371	0.00914487
Sonoma	2037	HHDT	Aggregate	35	Gasoline	2.27758891	2.27758891	0	2.478116819	0.000994698	0.001081825
Sonoma	2037	HHDT	Aggregate	35	Diesel	6668.993466	6668.993466	0	1.74663993	0.006252018	0.006534707

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2037	HHDT	Aggregate	35	Electricity	1962.295526	0	1962.295526	0	0	0
Sonoma	2037	HHDT	Aggregate	35	Natural Gas	789.6763361	789.6763361	0	0.330217341	0.001468127	0.001596723
Sonoma	2037	HHDT	Aggregate	40	Gasoline	2.287369143	2.287369143	0	2.371602167	0.000862701	0.000938266
Sonoma	2037	HHDT	Aggregate	40	Diesel	7909.238092	7909.238092	0	1.362138614	0.007765938	0.008117079
Sonoma	2037	HHDT	Aggregate	40	Electricity	2259.83972	0	2259.83972	0	0	0
Sonoma	2037	HHDT	Aggregate	40	Natural Gas	843.0649496	843.0649496	0	0.298967263	0.00124003	0.001348646
Sonoma	2037	HHDT	Aggregate	45	Gasoline	2.355678033	2.355678033	0	2.308305753	0.000789429	0.000858576
Sonoma	2037	HHDT	Aggregate	45	Diesel	8557.556057	8557.556057	0	1.131143309	0.010201334	0.010662593
Sonoma	2037	HHDT	Aggregate	45	Electricity	2401.432404	0	2401.432404	0	0	0
Sonoma	2037	HHDT	Aggregate	45	Natural Gas	846.2591755	846.2591755	0	0.275105742	0.00111084	0.00120814
Sonoma	2037	LHDT1	Aggregate	5	Gasoline	4986.659902	4986.659902	0	0.121534449	0.002754672	0.002995958
Sonoma	2037	LHDT1	Aggregate	5	Diesel	2713.093096	2713.093096	0	1.560764615	0.06874114	0.071849309
Sonoma	2037	LHDT1	Aggregate	5	Electricity	2326.563849	0	2326.563849	0	0	0
Sonoma	2037	LHDT1	Aggregate	35	Gasoline	8214.026473	8214.026473	0	0.071340296	0.000861058	0.000936479
Sonoma	2037	LHDT1	Aggregate	35	Diesel	8902.251066	8902.251066	0	0.951761568	0.024277095	0.025374798
Sonoma	2037	LHDT1	Aggregate	35	Electricity	4923.268704	0	4923.268704	0	0	0
Sonoma	2037	LHDT1	Aggregate	40	Gasoline	2243.699847	2243.699847	0	0.071507648	0.000793266	0.00086275
Sonoma	2037	LHDT1	Aggregate	40	Diesel	4692.811312	4692.811312	0	0.921634028	0.02080878	0.021749661
Sonoma	2037	LHDT1	Aggregate	40	Electricity	1902.167957	0	1902.167957	0	0	0
Sonoma	2037	LHDT1	Aggregate	45	Gasoline	2542.800242	2542.800242	0	0.070200029	0.000768275	0.000835569
Sonoma	2037	LHDT1	Aggregate	45	Diesel	4751.218047	4751.218047	0	0.90803952	0.018289075	0.019116026
Sonoma	2037	LHDT1	Aggregate	45	Electricity	2012.493883	0	2012.493883	0	0	0
Sonoma	2037	LHDT2	Aggregate	5	Gasoline	701.75046	701.75046	0	0.073947472	0.002111843	0.002296822
Sonoma	2037	LHDT2	Aggregate	5	Diesel	1225.136454	1225.136454	0	1.53157773	0.066693072	0.069708637
Sonoma	2037	LHDT2	Aggregate	5	Electricity	488.1918002	0	488.1918002	0	0	0
Sonoma	2037	LHDT2	Aggregate	35	Gasoline	1153.920238	1153.920238	0	0.046243929	0.000772441	0.0008401
Sonoma	2037	LHDT2	Aggregate	35	Diesel	4018.884057	4018.884057	0	0.854476249	0.02441857	0.025522669
Sonoma	2037	LHDT2	Aggregate	35	Electricity	1293.5843	0	1293.5843	0	0	0
Sonoma	2037	LHDT2	Aggregate	40	Gasoline	314.4223537	314.4223537	0	0.047034601	0.000715929	0.000778638
Sonoma	2037	LHDT2	Aggregate	40	Diesel	2118.370555	2118.370555	0	0.817400897	0.021000437	0.021949984
Sonoma	2037	LHDT2	Aggregate	40	Electricity	603.3605146	0	603.3605146	0	0	0
Sonoma	2037	LHDT2	Aggregate	45	Gasoline	355.3194702	355.3194702	0	0.04696692	0.00069701	0.000758062
Sonoma	2037	LHDT2	Aggregate	45	Diesel	2144.433717	2144.433717	0	0.798204562	0.018478809	0.019314339
Sonoma	2037	LHDT2	Aggregate	45	Electricity	619.7054959	0	619.7054959	0	0	0
Sonoma	2038	HHDT	Aggregate	5	Gasoline	1.533576757	1.533576757	0	4.489575582	0.00718452	0.007813821
Sonoma	2038	HHDT	Aggregate	5	Diesel	341.9445916	341.9445916	0	10.84597678	0.034203667	0.035750206
Sonoma	2038	HHDT	Aggregate	5	Electricity	124.4055548	0	124.4055548	0	0	0
Sonoma	2038	HHDT	Aggregate	5	Natural Gas	1.975590539	1.975590539	0	1.355462431	0.008459949	0.009200966
Sonoma	2038	HHDT	Aggregate	35	Gasoline	2.227833211	2.227833211	0	2.442832189	0.000994626	0.001081747
Sonoma	2038	HHDT	Aggregate	35	Diesel	6579.314341	6579.314341	0	1.69956268	0.006123425	0.006400299
Sonoma	2038	HHDT	Aggregate	35	Electricity	2142.108911	0	2142.108911	0	0	0
Sonoma	2038	HHDT	Aggregate	35	Natural Gas	777.7476605	777.7476605	0	0.316450531	0.001461717	0.001589751
Sonoma	2038	HHDT	Aggregate	40	Gasoline	2.237650491	2.237650491	0	2.337873101	0.000862646	0.000938207
Sonoma	2038	HHDT	Aggregate	40	Diesel	7811.647987	7811.647987	0	1.319667529	0.007667282	0.008013962
Sonoma	2038	HHDT	Aggregate	40	Electricity	2466.937542	0	2466.937542	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2038	HHDT	Aggregate	40	Natural Gas	830.0468036	830.0468036	0	0.286903041	0.001232962	0.001340958
Sonoma	2038	HHDT	Aggregate	45	Gasoline	2.30425523	2.30425523	0	2.275446407	0.000789373	0.000858515
Sonoma	2038	HHDT	Aggregate	45	Diesel	8457.45505	8457.45505	0	1.089693818	0.010118147	0.010575645
Sonoma	2038	HHDT	Aggregate	45	Electricity	2620.935765	0	2620.935765	0	0	0
Sonoma	2038	HHDT	Aggregate	45	Natural Gas	833.0257957	833.0257957	0	0.264257763	0.001103249	0.001199884
Sonoma	2038	LHDT1	Aggregate	5	Gasoline	4747.446275	4747.446275	0	0.103520024	0.002648973	0.002881
Sonoma	2038	LHDT1	Aggregate	5	Diesel	2538.473883	2538.473883	0	1.463640271	0.065524103	0.068486812
Sonoma	2038	LHDT1	Aggregate	5	Electricity	2540.53867	0	2540.53867	0	0	0
Sonoma	2038	LHDT1	Aggregate	35	Gasoline	7819.732909	7819.732909	0	0.06108036	0.000852169	0.000926811
Sonoma	2038	LHDT1	Aggregate	35	Diesel	8326.181901	8326.181901	0	0.872127389	0.023386001	0.024443412
Sonoma	2038	LHDT1	Aggregate	35	Electricity	5374.751056	0	5374.751056	0	0	0
Sonoma	2038	LHDT1	Aggregate	40	Gasoline	2135.895608	2135.895608	0	0.061276095	0.000785986	0.000854831
Sonoma	2038	LHDT1	Aggregate	40	Diesel	4388.609366	4388.609366	0	0.841906352	0.020061613	0.02096871
Sonoma	2038	LHDT1	Aggregate	40	Electricity	2076.081512	0	2076.081512	0	0	0
Sonoma	2038	LHDT1	Aggregate	45	Gasoline	2420.49246	2420.49246	0	0.060218434	0.000761992	0.000828736
Sonoma	2038	LHDT1	Aggregate	45	Diesel	4442.341887	4442.341887	0	0.827712413	0.017636116	0.018433543
Sonoma	2038	LHDT1	Aggregate	45	Electricity	2196.589618	0	2196.589618	0	0	0
Sonoma	2038	LHDT2	Aggregate	5	Gasoline	658.0739124	658.0739124	0	0.066767647	0.002082896	0.002265339
Sonoma	2038	LHDT2	Aggregate	5	Diesel	1155.913993	1155.913993	0	1.476146967	0.06531783	0.068271213
Sonoma	2038	LHDT2	Aggregate	5	Electricity	532.6387323	0	532.6387323	0	0	0
Sonoma	2038	LHDT2	Aggregate	35	Gasoline	1082.16349	1082.16349	0	0.042139712	0.000775932	0.000843897
Sonoma	2038	LHDT2	Aggregate	35	Diesel	3790.894947	3790.894947	0	0.820234278	0.024027961	0.025114398
Sonoma	2038	LHDT2	Aggregate	35	Electricity	1412.190492	0	1412.190492	0	0	0
Sonoma	2038	LHDT2	Aggregate	40	Gasoline	294.8942392	294.8942392	0	0.042943099	0.000719676	0.000782713
Sonoma	2038	LHDT2	Aggregate	40	Diesel	1998.041039	1998.041039	0	0.784349451	0.020678251	0.02161323
Sonoma	2038	LHDT2	Aggregate	40	Electricity	658.9449447	0	658.9449447	0	0	0
Sonoma	2038	LHDT2	Aggregate	45	Gasoline	333.2832467	333.2832467	0	0.042976274	0.000701102	0.000762513
Sonoma	2038	LHDT2	Aggregate	45	Diesel	2022.362029	2022.362029	0	0.765844682	0.018202373	0.019025403
Sonoma	2038	LHDT2	Aggregate	45	Electricity	676.7601866	0	676.7601866	0	0	0
Sonoma	2039	HHDT	Aggregate	5	Gasoline	1.494074683	1.494074683	0	4.413042962	0.007183965	0.007813217
Sonoma	2039	HHDT	Aggregate	5	Diesel	332.4013568	332.4013568	0	10.35743473	0.031305243	0.032720727
Sonoma	2039	HHDT	Aggregate	5	Electricity	132.6144593	0	132.6144593	0	0	0
Sonoma	2039	HHDT	Aggregate	5	Natural Gas	1.940890997	1.940890997	0	1.297080878	0.008509264	0.009254601
Sonoma	2039	HHDT	Aggregate	35	Gasoline	2.170274386	2.170274386	0	2.401177525	0.000994542	0.001081655
Sonoma	2039	HHDT	Aggregate	35	Diesel	6494.412384	6494.412384	0	1.653554962	0.006011297	0.006283101
Sonoma	2039	HHDT	Aggregate	35	Electricity	2318.50499	0	2318.50499	0	0	0
Sonoma	2039	HHDT	Aggregate	35	Natural Gas	765.1505695	765.1505695	0	0.304440109	0.001459567	0.001587412
Sonoma	2039	HHDT	Aggregate	40	Gasoline	2.180053502	2.180053502	0	2.298032582	0.000862581	0.000938136
Sonoma	2039	HHDT	Aggregate	40	Diesel	7719.608834	7719.608834	0	1.278430815	0.007579178	0.007921875
Sonoma	2039	HHDT	Aggregate	40	Electricity	2670.0622	0	2670.0622	0	0	0
Sonoma	2039	HHDT	Aggregate	40	Natural Gas	816.3597894	816.3597894	0	0.276324393	0.001230379	0.001338149
Sonoma	2039	HHDT	Aggregate	45	Gasoline	2.244755306	2.244755306	0	2.236650989	0.000789307	0.000858443
Sonoma	2039	HHDT	Aggregate	45	Diesel	8363.174756	8363.174756	0	1.04960063	0.010041768	0.010495812
Sonoma	2039	HHDT	Aggregate	45	Electricity	2836.213413	0	2836.213413	0	0	0
Sonoma	2039	HHDT	Aggregate	45	Natural Gas	819.2067503	819.2067503	0	0.254706797	0.001100458	0.001196848

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2039	LHDT1	Aggregate	5	Gasoline	4528.675216	4528.675216	0	0.084691858	0.002538112	0.002760428
Sonoma	2039	LHDT1	Aggregate	5	Diesel	2379.137869	2379.137869	0	1.36820728	0.062454421	0.065278333
Sonoma	2039	LHDT1	Aggregate	5	Electricity	2736.994279	0	2736.994279	0	0	0
Sonoma	2039	LHDT1	Aggregate	35	Gasoline	7459.180326	7459.180326	0	0.050362125	0.000841968	0.000915717
Sonoma	2039	LHDT1	Aggregate	35	Diesel	7800.81143	7800.81143	0	0.792268895	0.022539065	0.023558181
Sonoma	2039	LHDT1	Aggregate	35	Electricity	5789.460233	0	5789.460233	0	0	0
Sonoma	2039	LHDT1	Aggregate	40	Gasoline	2037.334223	2037.334223	0	0.050596828	0.000777514	0.000845618
Sonoma	2039	LHDT1	Aggregate	40	Diesel	4111.226848	4111.226848	0	0.761697619	0.019348273	0.020223116
Sonoma	2039	LHDT1	Aggregate	40	Electricity	2235.907545	0	2235.907545	0	0	0
Sonoma	2039	LHDT1	Aggregate	45	Gasoline	2308.694199	2308.694199	0	0.049810241	0.00075457	0.000820664
Sonoma	2039	LHDT1	Aggregate	45	Diesel	4160.776583	4160.776583	0	0.746666356	0.017009866	0.017778976
Sonoma	2039	LHDT1	Aggregate	45	Electricity	2365.753872	0	2365.753872	0	0	0
Sonoma	2039	LHDT2	Aggregate	5	Gasoline	617.8369251	617.8369251	0	0.060071848	0.002060309	0.002240774
Sonoma	2039	LHDT2	Aggregate	5	Diesel	1092.771096	1092.771096	0	1.423807802	0.063957334	0.0668492
Sonoma	2039	LHDT2	Aggregate	5	Electricity	573.4902581	0	573.4902581	0	0	0
Sonoma	2039	LHDT2	Aggregate	35	Gasoline	1016.078312	1016.078312	0	0.03830763	0.000779894	0.000848206
Sonoma	2039	LHDT2	Aggregate	35	Diesel	3583.167458	3583.167458	0	0.791815924	0.023621194	0.02468924
Sonoma	2039	LHDT2	Aggregate	35	Electricity	1521.401648	0	1521.401648	0	0	0
Sonoma	2039	LHDT2	Aggregate	40	Gasoline	276.9176384	276.9176384	0	0.039130509	0.000723807	0.000787206
Sonoma	2039	LHDT2	Aggregate	40	Diesel	1888.445647	1888.445647	0	0.75765257	0.020342903	0.021262719
Sonoma	2039	LHDT2	Aggregate	40	Electricity	710.1894894	0	710.1894894	0	0	0
Sonoma	2039	LHDT2	Aggregate	45	Gasoline	313.0083751	313.0083751	0	0.039265948	0.000705527	0.000767325
Sonoma	2039	LHDT2	Aggregate	45	Diesel	1911.247647	1911.247647	0	0.740463787	0.017916185	0.018726276
Sonoma	2039	LHDT2	Aggregate	45	Electricity	729.3498804	0	729.3498804	0	0	0
Sonoma	2040	HHDT	Aggregate	5	Gasoline	1.450426876	1.450426876	0	4.324325692	0.007183438	0.007812644
Sonoma	2040	HHDT	Aggregate	5	Diesel	323.7710663	323.7710663	0	10.03978993	0.029459714	0.030791752
Sonoma	2040	HHDT	Aggregate	5	Electricity	139.6307557	0	139.6307557	0	0	0
Sonoma	2040	HHDT	Aggregate	5	Natural Gas	1.90336262	1.90336262	0	1.24361116	0.008554811	0.009304137
Sonoma	2040	HHDT	Aggregate	35	Gasoline	2.106733607	2.106733607	0	2.352864916	0.000994463	0.001081569
Sonoma	2040	HHDT	Aggregate	35	Diesel	6419.609662	6419.609662	0	1.618343542	0.005927331	0.006195338
Sonoma	2040	HHDT	Aggregate	35	Electricity	2485.195574	0	2485.195574	0	0	0
Sonoma	2040	HHDT	Aggregate	35	Natural Gas	751.6736526	751.6736526	0	0.292226186	0.001453866	0.001581212
Sonoma	2040	HHDT	Aggregate	40	Gasoline	2.11639796	2.11639796	0	2.251852722	0.000862519	0.000938068
Sonoma	2040	HHDT	Aggregate	40	Diesel	7639.149552	7639.149552	0	1.246802319	0.007511314	0.007850943
Sonoma	2040	HHDT	Aggregate	40	Electricity	2862.198129	0	2862.198129	0	0	0
Sonoma	2040	HHDT	Aggregate	40	Natural Gas	801.7586993	801.7586993	0	0.265436708	0.001224147	0.001331372
Sonoma	2040	HHDT	Aggregate	45	Gasoline	2.17906045	2.17906045	0	2.191658504	0.000789245	0.000858376
Sonoma	2040	HHDT	Aggregate	45	Diesel	8281.172795	8281.172795	0	1.018937338	0.009981742	0.010433072
Sonoma	2040	HHDT	Aggregate	45	Electricity	3039.829633	0	3039.829633	0	0	0
Sonoma	2040	HHDT	Aggregate	45	Natural Gas	804.5259461	804.5259461	0	0.24478327	0.001093787	0.001189593
Sonoma	2040	LHDT1	Aggregate	5	Gasoline	4316.599196	4316.599196	0	0.067217528	0.002425913	0.002638402
Sonoma	2040	LHDT1	Aggregate	5	Diesel	2231.538651	2231.538651	0	1.272985995	0.059309685	0.061991406
Sonoma	2040	LHDT1	Aggregate	5	Electricity	2915.607349	0	2915.607349	0	0	0
Sonoma	2040	LHDT1	Aggregate	35	Gasoline	7109.665679	7109.665679	0	0.040440586	0.00083222	0.000905115
Sonoma	2040	LHDT1	Aggregate	35	Diesel	7314.252732	7314.252732	0	0.715881125	0.02164865	0.022627506

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2040	LHDT1	Aggregate	35	Electricity	6166.891322	0	6166.891322	0	0	0
Sonoma	2040	LHDT1	Aggregate	40	Gasoline	1941.791726	1941.791726	0	0.040743934	0.000769545	0.00083695
Sonoma	2040	LHDT1	Aggregate	40	Diesel	3854.355031	3854.355031	0	0.685359248	0.018599128	0.019440098
Sonoma	2040	LHDT1	Aggregate	40	Electricity	2381.522058	0	2381.522058	0	0	0
Sonoma	2040	LHDT1	Aggregate	45	Gasoline	2200.322277	2200.322277	0	0.040243394	0.000747715	0.000813209
Sonoma	2040	LHDT1	Aggregate	45	Diesel	3900.063278	3900.063278	0	0.669830527	0.016353917	0.017093368
Sonoma	2040	LHDT1	Aggregate	45	Electricity	2519.843595	0	2519.843595	0	0	0
Sonoma	2040	LHDT2	Aggregate	5	Gasoline	582.2866362	582.2866362	0	0.052587502	0.002032304	0.002210316
Sonoma	2040	LHDT2	Aggregate	5	Diesel	1035.964425	1035.964425	0	1.378305447	0.062928616	0.065773969
Sonoma	2040	LHDT2	Aggregate	5	Electricity	610.7233622	0	610.7233622	0	0	0
Sonoma	2040	LHDT2	Aggregate	35	Gasoline	957.6689587	957.6689587	0	0.034029334	0.000783468	0.000852093
Sonoma	2040	LHDT2	Aggregate	35	Diesel	3396.257054	3396.257054	0	0.765182098	0.02331678	0.024371061
Sonoma	2040	LHDT2	Aggregate	35	Electricity	1621.077676	0	1621.077676	0	0	0
Sonoma	2040	LHDT2	Aggregate	40	Gasoline	261.0206308	261.0206308	0	0.034876761	0.000727633	0.000791367
Sonoma	2040	LHDT2	Aggregate	40	Diesel	1789.828469	1789.828469	0	0.732146153	0.02008903	0.020997367
Sonoma	2040	LHDT2	Aggregate	40	Electricity	757.003684	0	757.003684	0	0	0
Sonoma	2040	LHDT2	Aggregate	45	Gasoline	295.067917	295.067917	0	0.035129484	0.000709698	0.000771862
Sonoma	2040	LHDT2	Aggregate	45	Diesel	1811.255705	1811.255705	0	0.715690056	0.017696831	0.018497004
Sonoma	2040	LHDT2	Aggregate	45	Electricity	777.3854444	0	777.3854444	0	0	0
Sonoma	2041	HHDT	Aggregate	5	Gasoline	1.404658672	1.404658672	0	4.249682254	0.00718202	0.007811102
Sonoma	2041	HHDT	Aggregate	5	Diesel	314.7831697	314.7831697	0	9.590979501	0.026714637	0.027922554
Sonoma	2041	HHDT	Aggregate	5	Electricity	146.9135164	0	146.9135164	0	0	0
Sonoma	2041	HHDT	Aggregate	5	Natural Gas	1.867373699	1.867373699	0	1.194552178	0.008597026	0.00935005
Sonoma	2041	HHDT	Aggregate	35	Gasoline	2.040147314	2.040147314	0	2.312243853	0.000994261	0.001081349
Sonoma	2041	HHDT	Aggregate	35	Diesel	6349.586611	6349.586611	0	1.576502933	0.00582834	0.006091872
Sonoma	2041	HHDT	Aggregate	35	Electricity	2648.220169	0	2648.220169	0	0	0
Sonoma	2041	HHDT	Aggregate	35	Natural Gas	737.8987015	737.8987015	0	0.278018873	0.001440825	0.001567028
Sonoma	2041	HHDT	Aggregate	40	Gasoline	2.049640393	2.049640393	0	2.21299079	0.00086235	0.000937884
Sonoma	2041	HHDT	Aggregate	40	Diesel	7564.732613	7564.732613	0	1.20949746	0.007432356	0.007768414
Sonoma	2041	HHDT	Aggregate	40	Electricity	3049.640619	0	3049.640619	0	0	0
Sonoma	2041	HHDT	Aggregate	40	Natural Gas	786.8810749	786.8810749	0	0.252717474	0.001209995	0.00131598
Sonoma	2041	HHDT	Aggregate	45	Gasoline	2.110208939	2.110208939	0	2.153823738	0.000789086	0.000858203
Sonoma	2041	HHDT	Aggregate	45	Diesel	8205.804541	8205.804541	0	0.982858516	0.009911195	0.010359335
Sonoma	2041	HHDT	Aggregate	45	Electricity	3238.252554	0	3238.252554	0	0	0
Sonoma	2041	HHDT	Aggregate	45	Natural Gas	789.6216233	789.6216233	0	0.233174538	0.001078423	0.001172884
Sonoma	2041	LHDT1	Aggregate	5	Gasoline	4122.032459	4122.032459	0	0.062676245	0.002390852	0.002600269
Sonoma	2041	LHDT1	Aggregate	5	Diesel	2097.622463	2097.622463	0	1.18466807	0.056593487	0.059152393
Sonoma	2041	LHDT1	Aggregate	5	Electricity	3078.144461	0	3078.144461	0	0	0
Sonoma	2041	LHDT1	Aggregate	35	Gasoline	6788.974909	6788.974909	0	0.037857629	0.000832847	0.000905797
Sonoma	2041	LHDT1	Aggregate	35	Diesel	6873.14299	6873.14299	0	0.641944532	0.020892425	0.021837088
Sonoma	2041	LHDT1	Aggregate	35	Electricity	6510.83951	0	6510.83951	0	0	0
Sonoma	2041	LHDT1	Aggregate	40	Gasoline	1854.115858	1854.115858	0	0.038177401	0.000770605	0.000838104
Sonoma	2041	LHDT1	Aggregate	40	Diesel	3621.535378	3621.535378	0	0.611037206	0.017957922	0.0187699
Sonoma	2041	LHDT1	Aggregate	40	Electricity	2514.414249	0	2514.414249	0	0	0
Sonoma	2041	LHDT1	Aggregate	45	Gasoline	2100.856813	2100.856813	0	0.03774981	0.000749162	0.000814782

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2041	LHDT1	Aggregate	45	Diesel	3663.859342	3663.859342	0	0.594683852	0.015787691	0.01650154
Sonoma	2041	LHDT1	Aggregate	45	Electricity	2660.429279	0	2660.429279	0	0	0
Sonoma	2041	LHDT2	Aggregate	5	Gasoline	550.0195423	550.0195423	0	0.048587373	0.002027721	0.002205332
Sonoma	2041	LHDT2	Aggregate	5	Diesel	984.701131	984.701131	0	1.338324005	0.062323686	0.065141687
Sonoma	2041	LHDT2	Aggregate	5	Electricity	644.7661828	0	644.7661828	0	0	0
Sonoma	2041	LHDT2	Aggregate	35	Gasoline	904.6507731	904.6507731	0	0.031714952	0.000789659	0.000858827
Sonoma	2041	LHDT2	Aggregate	35	Diesel	3227.590347	3227.590347	0	0.73589705	0.023157031	0.024204089
Sonoma	2041	LHDT2	Aggregate	35	Electricity	1712.309054	0	1712.309054	0	0	0
Sonoma	2041	LHDT2	Aggregate	40	Gasoline	246.5896916	246.5896916	0	0.032568714	0.000733678	0.000797942
Sonoma	2041	LHDT2	Aggregate	40	Diesel	1700.837725	1700.837725	0	0.702969825	0.019949355	0.020851376
Sonoma	2041	LHDT2	Aggregate	40	Electricity	799.8823143	0	799.8823143	0	0	0
Sonoma	2041	LHDT2	Aggregate	45	Gasoline	278.7803737	278.7803737	0	0.032876998	0.000715857	0.000778559
Sonoma	2041	LHDT2	Aggregate	45	Diesel	1721.025643	1721.025643	0	0.686302242	0.017569562	0.01836398
Sonoma	2041	LHDT2	Aggregate	45	Electricity	821.3766698	0	821.3766698	0	0	0
Sonoma	2042	HHDT	Aggregate	5	Gasoline	1.359832582	1.359832582	0	4.143580686	0.007183143	0.007812323
Sonoma	2042	HHDT	Aggregate	5	Diesel	305.9933681	305.9933681	0	9.16020742	0.024001729	0.02508698
Sonoma	2042	HHDT	Aggregate	5	Electricity	153.6633259	0	153.6633259	0	0	0
Sonoma	2042	HHDT	Aggregate	5	Natural Gas	1.829444567	1.829444567	0	1.151569991	0.008634453	0.009390755
Sonoma	2042	HHDT	Aggregate	35	Gasoline	1.974975886	1.974975886	0	2.25445552	0.000994414	0.001081516
Sonoma	2042	HHDT	Aggregate	35	Diesel	6290.456116	6290.456116	0	1.538169927	0.005734603	0.005993896
Sonoma	2042	HHDT	Aggregate	35	Electricity	2799.831662	0	2799.831662	0	0	0
Sonoma	2042	HHDT	Aggregate	35	Natural Gas	724.1351727	724.1351727	0	0.264480887	0.001428319	0.001553427
Sonoma	2042	HHDT	Aggregate	40	Gasoline	1.984246648	1.984246648	0	2.157758655	0.000862485	0.000938031
Sonoma	2042	HHDT	Aggregate	40	Diesel	7503.01224	7503.01224	0	1.175440102	0.007357336	0.007690003
Sonoma	2042	HHDT	Aggregate	40	Electricity	3223.982065	0	3223.982065	0	0	0
Sonoma	2042	HHDT	Aggregate	40	Natural Gas	772.0946202	772.0946202	0	0.240589427	0.001196131	0.001300902
Sonoma	2042	HHDT	Aggregate	45	Gasoline	2.042811959	2.042811959	0	2.100006703	0.000789208	0.000858335
Sonoma	2042	HHDT	Aggregate	45	Diesel	8143.942795	8143.942795	0	0.94994678	0.009843662	0.010288749
Sonoma	2042	HHDT	Aggregate	45	Electricity	3422.820152	0	3422.820152	0	0	0
Sonoma	2042	HHDT	Aggregate	45	Natural Gas	774.872751	774.872751	0	0.222106912	0.001063143	0.001156265
Sonoma	2042	LHDT1	Aggregate	5	Gasoline	3942.151423	3942.151423	0	0.058063387	0.002349574	0.002555376
Sonoma	2042	LHDT1	Aggregate	5	Diesel	1973.520944	1973.520944	0	1.09480937	0.053665685	0.05609221
Sonoma	2042	LHDT1	Aggregate	5	Electricity	3224.077959	0	3224.077959	0	0	0
Sonoma	2042	LHDT1	Aggregate	35	Gasoline	6492.356316	6492.356316	0	0.035227691	0.000832408	0.00090532
Sonoma	2042	LHDT1	Aggregate	35	Diesel	6464.354073	6464.354073	0	0.569567462	0.020054767	0.020961555
Sonoma	2042	LHDT1	Aggregate	35	Electricity	6820.219084	0	6820.219084	0	0	0
Sonoma	2042	LHDT1	Aggregate	40	Gasoline	1772.969641	1772.969641	0	0.035554889	0.000770707	0.000838214
Sonoma	2042	LHDT1	Aggregate	40	Diesel	3405.773455	3405.773455	0	0.5385966	0.017249731	0.018029687
Sonoma	2042	LHDT1	Aggregate	40	Electricity	2634.174656	0	2634.174656	0	0	0
Sonoma	2042	LHDT1	Aggregate	45	Gasoline	2008.731451	2008.731451	0	0.035191619	0.0007497	0.000815367
Sonoma	2042	LHDT1	Aggregate	45	Diesel	3444.958827	3444.958827	0	0.521636087	0.015164957	0.015850649
Sonoma	2042	LHDT1	Aggregate	45	Electricity	2787.085262	0	2787.085262	0	0	0
Sonoma	2042	LHDT2	Aggregate	5	Gasoline	520.3033326	520.3033326	0	0.045061351	0.002023251	0.00220047
Sonoma	2042	LHDT2	Aggregate	5	Diesel	938.9263706	938.9263706	0	1.305777824	0.061951271	0.064752433
Sonoma	2042	LHDT2	Aggregate	5	Electricity	675.5195277	0	675.5195277	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2042	LHDT2	Aggregate	35	Gasoline	855.8458509	855.8458509	0	0.029665459	0.000795248	0.000864905
Sonoma	2042	LHDT2	Aggregate	35	Diesel	3076.859417	3076.859417	0	0.712255976	0.023057096	0.024099636
Sonoma	2042	LHDT2	Aggregate	35	Electricity	1794.783378	0	1794.783378	0	0	0
Sonoma	2042	LHDT2	Aggregate	40	Gasoline	233.3140616	233.3140616	0	0.03052495	0.00073914	0.000803882
Sonoma	2042	LHDT2	Aggregate	40	Diesel	1621.289348	1621.289348	0	0.679246598	0.019858474	0.020756386
Sonoma	2042	LHDT2	Aggregate	40	Electricity	838.6632395	0	838.6632395	0	0	0
Sonoma	2042	LHDT2	Aggregate	45	Gasoline	263.8079648	263.8079648	0	0.030882398	0.000721422	0.000784612
Sonoma	2042	LHDT2	Aggregate	45	Diesel	1640.334503	1640.334503	0	0.662087948	0.017483654	0.018274188
Sonoma	2042	LHDT2	Aggregate	45	Electricity	861.1620853	0	861.1620853	0	0	0
Sonoma	2043	HHDT	Aggregate	5	Gasoline	1.314576796	1.314576796	0	4.072313166	0.007178795	0.007807594
Sonoma	2043	HHDT	Aggregate	5	Diesel	297.84989	297.84989	0	8.829562127	0.021826324	0.022813213
Sonoma	2043	HHDT	Aggregate	5	Electricity	159.8251826	0	159.8251826	0	0	0
Sonoma	2043	HHDT	Aggregate	5	Natural Gas	1.792134351	1.792134351	0	1.11452386	0.008667182	0.009426352
Sonoma	2043	HHDT	Aggregate	35	Gasoline	1.909185091	1.909185091	0	2.215611426	0.000993806	0.001080854
Sonoma	2043	HHDT	Aggregate	35	Diesel	6243.664362	6243.664362	0	1.503575984	0.005655133	0.005910833
Sonoma	2043	HHDT	Aggregate	35	Electricity	2939.838969	0	2939.838969	0	0	0
Sonoma	2043	HHDT	Aggregate	35	Natural Gas	711.3073782	711.3073782	0	0.249280002	0.001408343	0.001531701
Sonoma	2043	HHDT	Aggregate	40	Gasoline	1.918224796	1.918224796	0	2.12066836	0.000861965	0.000937465
Sonoma	2043	HHDT	Aggregate	40	Diesel	7455.856582	7455.856582	0	1.144732502	0.007293349	0.007623122
Sonoma	2043	HHDT	Aggregate	40	Electricity	3384.722555	0	3384.722555	0	0	0
Sonoma	2043	HHDT	Aggregate	40	Natural Gas	758.319658	758.319658	0	0.226913388	0.001174387	0.001277253
Sonoma	2043	HHDT	Aggregate	45	Gasoline	1.974773435	1.974773435	0	2.06383759	0.000788726	0.000857811
Sonoma	2043	HHDT	Aggregate	45	Diesel	8097.756989	8097.756989	0	0.920451208	0.009786273	0.010228765
Sonoma	2043	HHDT	Aggregate	45	Electricity	3592.81327	0	3592.81327	0	0	0
Sonoma	2043	HHDT	Aggregate	45	Natural Gas	761.1636435	761.1636435	0	0.209603436	0.001039361	0.0011304
Sonoma	2043	LHDT1	Aggregate	5	Gasoline	3784.588507	3784.588507	0	0.054488764	0.002318579	0.002521666
Sonoma	2043	LHDT1	Aggregate	5	Diesel	1867.52316	1867.52316	0	1.024163945	0.051344494	0.053666064
Sonoma	2043	LHDT1	Aggregate	5	Electricity	3356.305902	0	3356.305902	0	0	0
Sonoma	2043	LHDT1	Aggregate	35	Gasoline	6232.769029	6232.769029	0	0.033193207	0.000832358	0.000905265
Sonoma	2043	LHDT1	Aggregate	35	Diesel	6115.378709	6115.378709	0	0.517783766	0.019368383	0.020244135
Sonoma	2043	LHDT1	Aggregate	35	Electricity	7101.171619	0	7101.171619	0	0	0
Sonoma	2043	LHDT1	Aggregate	40	Gasoline	1702.042916	1702.042916	0	0.03353549	0.000771065	0.000838604
Sonoma	2043	LHDT1	Aggregate	40	Diesel	3221.612065	3221.612065	0	0.487298276	0.016670525	0.017424292
Sonoma	2043	LHDT1	Aggregate	40	Electricity	2743.181364	0	2743.181364	0	0	0
Sonoma	2043	LHDT1	Aggregate	45	Gasoline	1928.324496	1928.324496	0	0.0332319	0.000750397	0.000816126
Sonoma	2043	LHDT1	Aggregate	45	Diesel	3258.169758	3258.169758	0	0.470244032	0.014657616	0.015320368
Sonoma	2043	LHDT1	Aggregate	45	Electricity	2902.319846	0	2902.319846	0	0	0
Sonoma	2043	LHDT2	Aggregate	5	Gasoline	493.643593	493.643593	0	0.042025921	0.002020971	0.00219799
Sonoma	2043	LHDT2	Aggregate	5	Diesel	900.2097909	900.2097909	0	1.280324825	0.061760246	0.06455277
Sonoma	2043	LHDT2	Aggregate	5	Electricity	703.6432222	0	703.6432222	0	0	0
Sonoma	2043	LHDT2	Aggregate	35	Gasoline	812.0470736	812.0470736	0	0.027883676	0.000800567	0.000870689
Sonoma	2043	LHDT2	Aggregate	35	Diesel	2949.274049	2949.274049	0	0.691674044	0.023011858	0.024052352
Sonoma	2043	LHDT2	Aggregate	35	Electricity	1870.242086	0	1870.242086	0	0	0
Sonoma	2043	LHDT2	Aggregate	40	Gasoline	221.3948482	221.3948482	0	0.028740169	0.000744307	0.000809502
Sonoma	2043	LHDT2	Aggregate	40	Diesel	1553.939769	1553.939769	0	0.658232346	0.019811939	0.020707747

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2043	LHDT2	Aggregate	40	Electricity	874.1570384	0	874.1570384	0	0	0
Sonoma	2043	LHDT2	Aggregate	45	Gasoline	250.3583291	250.3583291	0	0.02913157	0.000726665	0.000790314
Sonoma	2043	LHDT2	Aggregate	45	Diesel	1571.990021	1571.990021	0	0.640276833	0.017434694	0.018223013
Sonoma	2043	LHDT2	Aggregate	45	Electricity	897.5724834	0	897.5724834	0	0	0
Sonoma	2044	HHDT	Aggregate	5	Gasoline	1.273932767	1.273932767	0	4.052522175	0.007179982	0.007808885
Sonoma	2044	HHDT	Aggregate	5	Diesel	289.9685355	289.9685355	0	8.547735971	0.019858039	0.020755931
Sonoma	2044	HHDT	Aggregate	5	Electricity	165.4359997	0	165.4359997	0	0	0
Sonoma	2044	HHDT	Aggregate	5	Natural Gas	1.75426333	1.75426333	0	1.083929427	0.008694715	0.009456296
Sonoma	2044	HHDT	Aggregate	35	Gasoline	1.850144953	1.850144953	0	2.204941849	0.000993969	0.001081032
Sonoma	2044	HHDT	Aggregate	35	Diesel	6202.980727	6202.980727	0	1.454692261	0.00558496	0.005837487
Sonoma	2044	HHDT	Aggregate	35	Electricity	3070.070123	0	3070.070123	0	0	0
Sonoma	2044	HHDT	Aggregate	35	Natural Gas	701.9401116	701.9401116	0	0.23456711	0.001389346	0.001511041
Sonoma	2044	HHDT	Aggregate	40	Gasoline	1.85892002	1.85892002	0	2.110336275	0.000862107	0.00093762
Sonoma	2044	HHDT	Aggregate	40	Diesel	7416.394089	7416.394089	0	1.101342687	0.007239503	0.007566842
Sonoma	2044	HHDT	Aggregate	40	Electricity	3534.084974	0	3534.084974	0	0	0
Sonoma	2044	HHDT	Aggregate	40	Natural Gas	748.2394045	748.2394045	0	0.213700002	0.001153757	0.001254816
Sonoma	2044	HHDT	Aggregate	45	Gasoline	1.913707334	1.913707334	0	2.053880786	0.000788856	0.000857953
Sonoma	2044	HHDT	Aggregate	45	Diesel	8060.210406	8060.210406	0	0.879443384	0.009741019	0.010181465
Sonoma	2044	HHDT	Aggregate	45	Electricity	3750.631052	0	3750.631052	0	0	0
Sonoma	2044	HHDT	Aggregate	45	Natural Gas	751.1307895	751.1307895	0	0.197552554	0.001016823	0.001105888
Sonoma	2044	LHDT1	Aggregate	5	Gasoline	3632.023782	3632.023782	0	0.049440189	0.002262804	0.002461005
Sonoma	2044	LHDT1	Aggregate	5	Diesel	1769.766113	1769.766113	0	0.943493856	0.048603159	0.050800778
Sonoma	2044	LHDT1	Aggregate	5	Electricity	3473.504482	0	3473.504482	0	0	0
Sonoma	2044	LHDT1	Aggregate	35	Gasoline	5981.308669	5981.308669	0	0.03032794	0.00082987	0.00090256
Sonoma	2044	LHDT1	Aggregate	35	Diesel	5793.529176	5793.529176	0	0.454681735	0.018562798	0.019402125
Sonoma	2044	LHDT1	Aggregate	35	Electricity	7350.818604	0	7350.818604	0	0	0
Sonoma	2044	LHDT1	Aggregate	40	Gasoline	1633.29498	1633.29498	0	0.030691203	0.000769393	0.000836786
Sonoma	2044	LHDT1	Aggregate	40	Diesel	3051.764671	3051.764671	0	0.424315383	0.015990487	0.016713506
Sonoma	2044	LHDT1	Aggregate	40	Electricity	2840.290823	0	2840.290823	0	0	0
Sonoma	2044	LHDT1	Aggregate	45	Gasoline	1850.332887	1850.332887	0	0.030471553	0.000749315	0.000814948
Sonoma	2044	LHDT1	Aggregate	45	Diesel	3085.897482	3085.897482	0	0.406789245	0.014061285	0.014697074
Sonoma	2044	LHDT1	Aggregate	45	Electricity	3004.931776	0	3004.931776	0	0	0
Sonoma	2044	LHDT2	Aggregate	5	Gasoline	469.4962345	469.4962345	0	0.038623959	0.002008466	0.00218439
Sonoma	2044	LHDT2	Aggregate	5	Diesel	861.7864655	861.7864655	0	1.231140569	0.061061621	0.063822556
Sonoma	2044	LHDT2	Aggregate	5	Electricity	728.8364397	0	728.8364397	0	0	0
Sonoma	2044	LHDT2	Aggregate	35	Gasoline	772.366425	772.366425	0	0.025902269	0.000804714	0.0008752
Sonoma	2044	LHDT2	Aggregate	35	Diesel	2822.794095	2822.794095	0	0.632492904	0.022895388	0.023930616
Sonoma	2044	LHDT2	Aggregate	35	Electricity	1937.884008	0	1937.884008	0	0	0
Sonoma	2044	LHDT2	Aggregate	40	Gasoline	210.5926665	210.5926665	0	0.026763653	0.000748484	0.000814045
Sonoma	2044	LHDT2	Aggregate	40	Diesel	1487.197242	1487.197242	0	0.596310824	0.019694201	0.020584685
Sonoma	2044	LHDT2	Aggregate	40	Electricity	905.9885127	0	905.9885127	0	0	0
Sonoma	2044	LHDT2	Aggregate	45	Gasoline	238.1643389	238.1643389	0	0.027201811	0.000731023	0.000795054
Sonoma	2044	LHDT2	Aggregate	45	Diesel	1504.301095	1504.301095	0	0.575545774	0.017310225	0.018092916
Sonoma	2044	LHDT2	Aggregate	45	Electricity	930.2235722	0	930.2235722	0	0	0
Sonoma	2045	HHDT	Aggregate	5	Gasoline	1.234603577	1.234603577	0	4.051029122	0.007178575	0.007807356

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2045	HHDT	Aggregate	5	Diesel	281.5931593	281.5931593	0	8.115206885	0.016820543	0.017581094
Sonoma	2045	HHDT	Aggregate	5	Electricity	171.3374022	0	171.3374022	0	0	0
Sonoma	2045	HHDT	Aggregate	5	Natural Gas	1.718609949	1.718609949	0	1.058994063	0.008717654	0.009481244
Sonoma	2045	HHDT	Aggregate	35	Gasoline	1.79302301	1.79302301	0	2.204203071	0.000993772	0.001080817
Sonoma	2045	HHDT	Aggregate	35	Diesel	6174.708454	6174.708454	0	1.412780995	0.00549604	0.005744547
Sonoma	2045	HHDT	Aggregate	35	Electricity	3189.915523	0	3189.915523	0	0	0
Sonoma	2045	HHDT	Aggregate	35	Natural Gas	690.8418579	690.8418579	0	0.222243472	0.001374999	0.001495437
Sonoma	2045	HHDT	Aggregate	40	Gasoline	1.801531833	1.801531833	0	2.109539065	0.000861939	0.000937437
Sonoma	2045	HHDT	Aggregate	40	Diesel	7391.322877	7391.322877	0	1.064269359	0.007171159	0.007495408
Sonoma	2045	HHDT	Aggregate	40	Electricity	3671.358845	0	3671.358845	0	0	0
Sonoma	2045	HHDT	Aggregate	40	Natural Gas	736.3961932	736.3961932	0	0.202611579	0.001137636	0.001237282
Sonoma	2045	HHDT	Aggregate	45	Gasoline	1.854623671	1.854623671	0	2.053178943	0.000788699	0.000857783
Sonoma	2045	HHDT	Aggregate	45	Diesel	8037.745718	8037.745718	0	0.843795708	0.009681972	0.010119748
Sonoma	2045	HHDT	Aggregate	45	Electricity	3895.734414	0	3895.734414	0	0	0
Sonoma	2045	HHDT	Aggregate	45	Natural Gas	739.4129052	739.4129052	0	0.187423799	0.000998849	0.00108634
Sonoma	2045	LHDT1	Aggregate	5	Gasoline	3486.940982	3486.940982	0	0.043451644	0.002192324	0.002384352
Sonoma	2045	LHDT1	Aggregate	5	Diesel	1683.59557	1683.59557	0	0.872765367	0.046325513	0.048420147
Sonoma	2045	LHDT1	Aggregate	5	Electricity	3576.664337	0	3576.664337	0	0	0
Sonoma	2045	LHDT1	Aggregate	35	Gasoline	5742.140373	5742.140373	0	0.026934097	0.000826008	0.000898359
Sonoma	2045	LHDT1	Aggregate	35	Diesel	5509.928523	5509.928523	0	0.398554208	0.017896052	0.018705232
Sonoma	2045	LHDT1	Aggregate	35	Electricity	7571.226767	0	7571.226767	0	0	0
Sonoma	2045	LHDT1	Aggregate	40	Gasoline	1567.892214	1567.892214	0	0.027323581	0.000766587	0.000833734
Sonoma	2045	LHDT1	Aggregate	40	Diesel	2902.119393	2902.119393	0	0.368164467	0.015425356	0.016122823
Sonoma	2045	LHDT1	Aggregate	40	Electricity	2926.290713	0	2926.290713	0	0	0
Sonoma	2045	LHDT1	Aggregate	45	Gasoline	1776.116044	1776.116044	0	0.027204902	0.000747248	0.0008127
Sonoma	2045	LHDT1	Aggregate	45	Diesel	2934.144829	2934.144829	0	0.350123845	0.013563784	0.014177078
Sonoma	2045	LHDT1	Aggregate	45	Electricity	3095.752524	0	3095.752524	0	0	0
Sonoma	2045	LHDT2	Aggregate	5	Gasoline	446.1669146	446.1669146	0	0.035874917	0.002002742	0.002178165
Sonoma	2045	LHDT2	Aggregate	5	Diesel	827.4806107	827.4806107	0	1.190149853	0.060492912	0.063228133
Sonoma	2045	LHDT2	Aggregate	5	Electricity	751.3202114	0	751.3202114	0	0	0
Sonoma	2045	LHDT2	Aggregate	35	Gasoline	734.0487326	734.0487326	0	0.024280391	0.000809038	0.000879903
Sonoma	2045	LHDT2	Aggregate	35	Diesel	2710.253433	2710.253433	0	0.587233393	0.022790793	0.023821292
Sonoma	2045	LHDT2	Aggregate	35	Electricity	1998.280335	0	1998.280335	0	0	0
Sonoma	2045	LHDT2	Aggregate	40	Gasoline	200.1687835	200.1687835	0	0.025139828	0.000752742	0.000818675
Sonoma	2045	LHDT2	Aggregate	40	Diesel	1427.8757	1427.8757	0	0.549510186	0.019591005	0.020476823
Sonoma	2045	LHDT2	Aggregate	40	Electricity	934.4197738	0	934.4197738	0	0	0
Sonoma	2045	LHDT2	Aggregate	45	Gasoline	226.4069419	226.4069419	0	0.025609567	0.000735388	0.000799801
Sonoma	2045	LHDT2	Aggregate	45	Diesel	1444.248199	1444.248199	0	0.527351983	0.017204607	0.017982523
Sonoma	2045	LHDT2	Aggregate	45	Electricity	959.3840994	0	959.3840994	0	0	0
Sonoma	2046	HHDT	Aggregate	5	Gasoline	1.198854357	1.198854357	0	4.073111473	0.007177237	0.0078059
Sonoma	2046	HHDT	Aggregate	5	Diesel	272.8850705	272.8850705	0	7.551365967	0.012902634	0.013486034
Sonoma	2046	HHDT	Aggregate	5	Electricity	177.482682	0	177.482682	0	0	0
Sonoma	2046	HHDT	Aggregate	5	Natural Gas	1.687089017	1.687089017	0	1.038677199	0.008736782	0.009502047
Sonoma	2046	HHDT	Aggregate	35	Gasoline	1.741116715	1.741116715	0	2.216311165	0.000993584	0.001080614
Sonoma	2046	HHDT	Aggregate	35	Diesel	6154.932475	6154.932475	0	1.366488643	0.005393667	0.005637545

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2046	HHDT	Aggregate	35	Electricity	3301.500883	0	3301.500883	0	0	0
Sonoma	2046	HHDT	Aggregate	35	Natural Gas	680.456728	680.456728	0	0.211463014	0.001362962	0.001482346
Sonoma	2046	HHDT	Aggregate	40	Gasoline	1.749363687	1.749363687	0	2.121012337	0.000861779	0.000937263
Sonoma	2046	HHDT	Aggregate	40	Diesel	7376.240814	7376.240814	0	1.023483558	0.007093945	0.007414701
Sonoma	2046	HHDT	Aggregate	40	Electricity	3799.100101	0	3799.100101	0	0	0
Sonoma	2046	HHDT	Aggregate	40	Natural Gas	725.3262704	725.3262704	0	0.192908361	0.001123905	0.00122235
Sonoma	2046	HHDT	Aggregate	45	Gasoline	1.800931692	1.800931692	0	2.064439859	0.000788551	0.000857621
Sonoma	2046	HHDT	Aggregate	45	Diesel	8025.871854	8025.871854	0	0.804499375	0.009615877	0.010050665
Sonoma	2046	HHDT	Aggregate	45	Electricity	4030.849147	0	4030.849147	0	0	0
Sonoma	2046	HHDT	Aggregate	45	Natural Gas	728.4807656	728.4807656	0	0.178559877	0.000983432	0.001069572
Sonoma	2046	LHDT1	Aggregate	5	Gasoline	3354.395543	3354.395543	0	0.037327306	0.002118815	0.002304404
Sonoma	2046	LHDT1	Aggregate	5	Diesel	1604.964914	1604.964914	0	0.7980783	0.043907484	0.045892785
Sonoma	2046	LHDT1	Aggregate	5	Electricity	3667.464285	0	3667.464285	0	0	0
Sonoma	2046	LHDT1	Aggregate	35	Gasoline	5523.674942	5523.674942	0	0.0234671	0.000821664	0.000893635
Sonoma	2046	LHDT1	Aggregate	35	Diesel	5251.119452	5251.119452	0	0.33838386	0.017185143	0.017962179
Sonoma	2046	LHDT1	Aggregate	35	Electricity	7765.894918	0	7765.894918	0	0	0
Sonoma	2046	LHDT1	Aggregate	40	Gasoline	1508.164423	1508.164423	0	0.023886354	0.000763358	0.000830222
Sonoma	2046	LHDT1	Aggregate	40	Diesel	2765.551732	2765.551732	0	0.307867374	0.014823173	0.015493412
Sonoma	2046	LHDT1	Aggregate	40	Electricity	3002.509739	0	3002.509739	0	0	0
Sonoma	2046	LHDT1	Aggregate	45	Gasoline	1708.35676	1708.35676	0	0.02387405	0.000744787	0.000810024
Sonoma	2046	LHDT1	Aggregate	45	Diesel	2795.647306	2795.647306	0	0.289188545	0.013033992	0.013623331
Sonoma	2046	LHDT1	Aggregate	45	Electricity	3176.199208	0	3176.199208	0	0	0
Sonoma	2046	LHDT2	Aggregate	5	Gasoline	426.1882603	426.1882603	0	0.033312818	0.00199814	0.00217316
Sonoma	2046	LHDT2	Aggregate	5	Diesel	793.7113318	793.7113318	0	1.129937875	0.059509065	0.062199801
Sonoma	2046	LHDT2	Aggregate	5	Electricity	771.4082948	0	771.4082948	0	0	0
Sonoma	2046	LHDT2	Aggregate	35	Gasoline	701.2220394	701.2220394	0	0.022769517	0.00081305	0.000884266
Sonoma	2046	LHDT2	Aggregate	35	Diesel	2599.13501	2599.13501	0	0.5119479	0.022617039	0.023639681
Sonoma	2046	LHDT2	Aggregate	35	Electricity	2052.280347	0	2052.280347	0	0	0
Sonoma	2046	LHDT2	Aggregate	40	Gasoline	191.2338564	191.2338564	0	0.023626915	0.000756681	0.00082296
Sonoma	2046	LHDT2	Aggregate	40	Diesel	1369.246381	1369.246381	0	0.470640045	0.019420583	0.020298696
Sonoma	2046	LHDT2	Aggregate	40	Electricity	959.852099	0	959.852099	0	0	0
Sonoma	2046	LHDT2	Aggregate	45	Gasoline	216.3226557	216.3226557	0	0.024125859	0.000739418	0.000804184
Sonoma	2046	LHDT2	Aggregate	45	Diesel	1384.799365	1384.799365	0	0.444934863	0.017029059	0.017799037
Sonoma	2046	LHDT2	Aggregate	45	Electricity	985.4674606	0	985.4674606	0	0	0
Sonoma	2047	HHDT	Aggregate	5	Gasoline	1.165410948	1.165410948	0	4.103596095	0.007172133	0.007800348
Sonoma	2047	HHDT	Aggregate	5	Diesel	264.7694513	264.7694513	0	7.079136335	0.009813198	0.010256907
Sonoma	2047	HHDT	Aggregate	5	Electricity	183.0991262	0	183.0991262	0	0	0
Sonoma	2047	HHDT	Aggregate	5	Natural Gas	1.655402631	1.655402631	0	1.023091616	0.008751861	0.009518447
Sonoma	2047	HHDT	Aggregate	35	Gasoline	1.692555963	1.692555963	0	2.232974003	0.000992872	0.001079839
Sonoma	2047	HHDT	Aggregate	35	Diesel	6143.166598	6143.166598	0	1.325522125	0.005303028	0.005542808
Sonoma	2047	HHDT	Aggregate	35	Electricity	3405.626141	0	3405.626141	0	0	0
Sonoma	2047	HHDT	Aggregate	35	Natural Gas	671.2986275	671.2986275	0	0.192759906	0.001344594	0.001462369
Sonoma	2047	HHDT	Aggregate	40	Gasoline	1.700560927	1.700560927	0	2.136865774	0.000861167	0.000936598
Sonoma	2047	HHDT	Aggregate	40	Diesel	7370.357802	7370.357802	0	0.987586587	0.007023747	0.007341329
Sonoma	2047	HHDT	Aggregate	40	Electricity	3918.414524	0	3918.414524	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2047	HHDT	Aggregate	40	Natural Gas	715.5853281	715.5853281	0	0.175350237	0.001105432	0.001202258
Sonoma	2047	HHDT	Aggregate	45	Gasoline	1.750700809	1.750700809	0	2.079946666	0.000787987	0.000857007
Sonoma	2047	HHDT	Aggregate	45	Diesel	8023.820212	8023.820212	0	0.770231405	0.009554417	0.009986426
Sonoma	2047	HHDT	Aggregate	45	Electricity	4157.07554	0	4157.07554	0	0	0
Sonoma	2047	HHDT	Aggregate	45	Natural Gas	718.8930318	718.8930318	0	0.161943821	0.000964109	0.001048556
Sonoma	2047	LHDT1	Aggregate	5	Gasoline	3238.256865	3238.256865	0	0.03302011	0.002054303	0.002234242
Sonoma	2047	LHDT1	Aggregate	5	Diesel	1533.513191	1533.513191	0	0.740104296	0.042058034	0.043959712
Sonoma	2047	LHDT1	Aggregate	5	Electricity	3747.581797	0	3747.581797	0	0	0
Sonoma	2047	LHDT1	Aggregate	35	Gasoline	5332.273667	5332.273667	0	0.021030174	0.000817861	0.000889498
Sonoma	2047	LHDT1	Aggregate	35	Diesel	5015.932524	5015.932524	0	0.292586186	0.016650925	0.017403806
Sonoma	2047	LHDT1	Aggregate	35	Electricity	7938.341397	0	7938.341397	0	0	0
Sonoma	2047	LHDT1	Aggregate	40	Gasoline	1455.844426	1455.844426	0	0.021471714	0.000760535	0.000827151
Sonoma	2047	LHDT1	Aggregate	40	Diesel	2641.447757	2641.447757	0	0.26195949	0.014365098	0.015014624
Sonoma	2047	LHDT1	Aggregate	40	Electricity	3070.297366	0	3070.297366	0	0	0
Sonoma	2047	LHDT1	Aggregate	45	Gasoline	1649.012557	1649.012557	0	0.021535664	0.000742641	0.000807689
Sonoma	2047	LHDT1	Aggregate	45	Diesel	2669.787606	2669.787606	0	0.242705238	0.012625617	0.013196491
Sonoma	2047	LHDT1	Aggregate	45	Electricity	3247.690637	0	3247.690637	0	0	0
Sonoma	2047	LHDT2	Aggregate	5	Gasoline	406.8123667	406.8123667	0	0.031216603	0.001995161	0.00216992
Sonoma	2047	LHDT2	Aggregate	5	Diesel	764.6021897	764.6021897	0	1.089181049	0.05864562	0.061297314
Sonoma	2047	LHDT2	Aggregate	5	Electricity	789.4329121	0	789.4329121	0	0	0
Sonoma	2047	LHDT2	Aggregate	35	Gasoline	669.4003499	669.4003499	0	0.021515848	0.000816904	0.000888457
Sonoma	2047	LHDT2	Aggregate	35	Diesel	2503.278276	2503.278276	0	0.463831017	0.022451825	0.023466996
Sonoma	2047	LHDT2	Aggregate	35	Electricity	2100.759902	0	2100.759902	0	0	0
Sonoma	2047	LHDT2	Aggregate	40	Gasoline	182.5781544	182.5781544	0	0.022366966	0.000760441	0.000827049
Sonoma	2047	LHDT2	Aggregate	40	Diesel	1318.657274	1318.657274	0	0.420296311	0.019260712	0.020131595
Sonoma	2047	LHDT2	Aggregate	40	Electricity	982.6933887	0	982.6933887	0	0	0
Sonoma	2047	LHDT2	Aggregate	45	Gasoline	206.5609817	206.5609817	0	0.022884987	0.000743244	0.000808346
Sonoma	2047	LHDT2	Aggregate	45	Diesel	1333.482452	1333.482452	0	0.392223897	0.016866553	0.017629184
Sonoma	2047	LHDT2	Aggregate	45	Electricity	1008.889711	0	1008.889711	0	0	0
Sonoma	2048	HHDT	Aggregate	5	Gasoline	1.137553914	1.137553914	0	4.232912343	0.007172361	0.007800597
Sonoma	2048	HHDT	Aggregate	5	Diesel	257.1859521	257.1859521	0	6.808142077	0.008819604	0.009218387
Sonoma	2048	HHDT	Aggregate	5	Electricity	188.0353601	0	188.0353601	0	0	0
Sonoma	2048	HHDT	Aggregate	5	Natural Gas	1.624604632	1.624604632	0	1.010533141	0.008764187	0.009531853
Sonoma	2048	HHDT	Aggregate	35	Gasoline	1.652139562	1.652139562	0	2.303517557	0.000992903	0.001079873
Sonoma	2048	HHDT	Aggregate	35	Diesel	6139.735944	6139.735944	0	1.301086478	0.005220735	0.005456793
Sonoma	2048	HHDT	Aggregate	35	Electricity	3502.015779	0	3502.015779	0	0	0
Sonoma	2048	HHDT	Aggregate	35	Natural Gas	662.1901805	662.1901805	0	0.182769493	0.00133207	0.001448747
Sonoma	2048	HHDT	Aggregate	40	Gasoline	1.659902492	1.659902492	0	2.204154188	0.000861195	0.000936628
Sonoma	2048	HHDT	Aggregate	40	Diesel	7374.007452	7374.007452	0	0.966763221	0.00695172	0.007266046
Sonoma	2048	HHDT	Aggregate	40	Electricity	4029.028709	0	4029.028709	0	0	0
Sonoma	2048	HHDT	Aggregate	40	Natural Gas	705.934306	705.934306	0	0.1664589	0.001090683	0.001186218
Sonoma	2048	HHDT	Aggregate	45	Gasoline	1.708888094	1.708888094	0	2.145622129	0.000788011	0.000857034
Sonoma	2048	HHDT	Aggregate	45	Diesel	8031.882783	8031.882783	0	0.750868549	0.009484661	0.009913515
Sonoma	2048	HHDT	Aggregate	45	Electricity	4274.137989	0	4274.137989	0	0	0
Sonoma	2048	HHDT	Aggregate	45	Natural Gas	709.4340882	709.4340882	0	0.153923541	0.00094724	0.00103021

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2048	LHDT1	Aggregate	5	Gasoline	3128.058607	3128.058607	0	0.028225605	0.001982333	0.002155967
Sonoma	2048	LHDT1	Aggregate	5	Diesel	1466.760482	1466.760482	0	0.68553833	0.040353661	0.042178275
Sonoma	2048	LHDT1	Aggregate	5	Electricity	3816.107102	0	3816.107102	0	0	0
Sonoma	2048	LHDT1	Aggregate	35	Gasoline	5150.746149	5150.746149	0	0.018325507	0.000813489	0.000884743
Sonoma	2048	LHDT1	Aggregate	35	Diesel	4796.487327	4796.487327	0	0.248207437	0.016162227	0.016893012
Sonoma	2048	LHDT1	Aggregate	35	Electricity	8086.562611	0	8086.562611	0	0	0
Sonoma	2048	LHDT1	Aggregate	40	Gasoline	1406.255869	1406.255869	0	0.018799902	0.000757271	0.000823601
Sonoma	2048	LHDT1	Aggregate	40	Diesel	2525.696952	2525.696952	0	0.217318113	0.013943724	0.014574197
Sonoma	2048	LHDT1	Aggregate	40	Electricity	3128.846635	0	3128.846635	0	0	0
Sonoma	2048	LHDT1	Aggregate	45	Gasoline	1592.808968	1592.808968	0	0.018957223	0.000740138	0.000804967
Sonoma	2048	LHDT1	Aggregate	45	Diesel	2552.477487	2552.477487	0	0.197404198	0.012247907	0.012801703
Sonoma	2048	LHDT1	Aggregate	45	Electricity	3309.385888	0	3309.385888	0	0	0
Sonoma	2048	LHDT2	Aggregate	5	Gasoline	389.6884712	389.6884712	0	0.029290759	0.001989697	0.002163977
Sonoma	2048	LHDT2	Aggregate	5	Diesel	735.8816447	735.8816447	0	1.046058221	0.057697841	0.060306681
Sonoma	2048	LHDT2	Aggregate	5	Electricity	805.1620152	0	805.1620152	0	0	0
Sonoma	2048	LHDT2	Aggregate	35	Gasoline	641.277441	641.277441	0	0.020364265	0.00081995	0.00089177
Sonoma	2048	LHDT2	Aggregate	35	Diesel	2408.843099	2408.843099	0	0.412538704	0.022267476	0.023274312
Sonoma	2048	LHDT2	Aggregate	35	Electricity	2143.093249	0	2143.093249	0	0	0
Sonoma	2048	LHDT2	Aggregate	40	Gasoline	174.9286405	174.9286405	0	0.021212286	0.000763456	0.000830328
Sonoma	2048	LHDT2	Aggregate	40	Diesel	1268.842436	1268.842436	0	0.366694262	0.019083293	0.019946155
Sonoma	2048	LHDT2	Aggregate	40	Electricity	1002.647805	0	1002.647805	0	0	0
Sonoma	2048	LHDT2	Aggregate	45	Gasoline	197.9341869	197.9341869	0	0.021750671	0.000746346	0.00081172
Sonoma	2048	LHDT2	Aggregate	45	Diesel	1282.991336	1282.991336	0	0.336261132	0.01668753	0.017442066
Sonoma	2048	LHDT2	Aggregate	45	Electricity	1029.349544	0	1029.349544	0	0	0
Sonoma	2049	HHDT	Aggregate	5	Gasoline	1.112835532	1.112835532	0	4.35528489	0.007172547	0.0078008
Sonoma	2049	HHDT	Aggregate	5	Diesel	250.4558718	250.4558718	0	6.637407442	0.008400344	0.00878017
Sonoma	2049	HHDT	Aggregate	5	Electricity	192.0513836	0	192.0513836	0	0	0
Sonoma	2049	HHDT	Aggregate	5	Natural Gas	1.592569066	1.592569066	0	0.999325525	0.008775002	0.009543615
Sonoma	2049	HHDT	Aggregate	35	Gasoline	1.616284512	1.616284512	0	2.37021819	0.000992929	0.0010799
Sonoma	2049	HHDT	Aggregate	35	Diesel	6146.680857	6146.680857	0	1.28473336	0.005160276	0.005393601
Sonoma	2049	HHDT	Aggregate	35	Electricity	3588.348198	0	3588.348198	0	0	0
Sonoma	2049	HHDT	Aggregate	35	Natural Gas	653.8646207	653.8646207	0	0.176357116	0.001328091	0.00144442
Sonoma	2049	HHDT	Aggregate	40	Gasoline	1.623823258	1.623823258	0	2.267843782	0.000861217	0.000936652
Sonoma	2049	HHDT	Aggregate	40	Diesel	7389.264489	7389.264489	0	0.952934023	0.006898151	0.007210055
Sonoma	2049	HHDT	Aggregate	40	Electricity	4128.594915	0	4128.594915	0	0	0
Sonoma	2049	HHDT	Aggregate	40	Natural Gas	697.1238151	697.1238151	0	0.160796313	0.001084939	0.00117997
Sonoma	2049	HHDT	Aggregate	45	Gasoline	1.671792852	1.671792852	0	2.207729933	0.000788032	0.000857056
Sonoma	2049	HHDT	Aggregate	45	Diesel	8052.113801	8052.113801	0	0.738131838	0.00943291	0.009859425
Sonoma	2049	HHDT	Aggregate	45	Electricity	4379.753919	0	4379.753919	0	0	0
Sonoma	2049	HHDT	Aggregate	45	Natural Gas	700.821355	700.821355	0	0.148854349	0.000940072	0.001022414
Sonoma	2049	LHDT1	Aggregate	5	Gasoline	3032.007225	3032.007225	0	0.024868738	0.001994158	0.002168828
Sonoma	2049	LHDT1	Aggregate	5	Diesel	1405.397481	1405.397481	0	0.626328217	0.037901859	0.039615613
Sonoma	2049	LHDT1	Aggregate	5	Electricity	3874.021432	0	3874.021432	0	0	0
Sonoma	2049	LHDT1	Aggregate	35	Gasoline	4992.480604	4992.480604	0	0.016428454	0.000819754	0.000891557
Sonoma	2049	LHDT1	Aggregate	35	Diesel	4594.745417	4594.745417	0	0.21980319	0.015351035	0.016045141

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2049	LHDT1	Aggregate	35	Electricity	8212.577228	0	8212.577228	0	0	0
Sonoma	2049	LHDT1	Aggregate	40	Gasoline	1363.005628	1363.005628	0	0.016921859	0.000763176	0.000830023
Sonoma	2049	LHDT1	Aggregate	40	Diesel	2419.281553	2419.281553	0	0.191293192	0.013269507	0.013869496
Sonoma	2049	LHDT1	Aggregate	40	Electricity	3178.913844	0	3178.913844	0	0	0
Sonoma	2049	LHDT1	Aggregate	45	Gasoline	1543.76793	1543.76793	0	0.017140352	0.000745979	0.00081132
Sonoma	2049	LHDT1	Aggregate	45	Diesel	2444.624246	2444.624246	0	0.173058605	0.011669946	0.012197609
Sonoma	2049	LHDT1	Aggregate	45	Electricity	3362.092229	0	3362.092229	0	0	0
Sonoma	2049	LHDT2	Aggregate	5	Gasoline	374.0472962	374.0472962	0	0.027834285	0.001999602	0.002174749
Sonoma	2049	LHDT2	Aggregate	5	Diesel	707.9422451	707.9422451	0	0.981761984	0.054813409	0.057291828
Sonoma	2049	LHDT2	Aggregate	5	Electricity	818.8139395	0	818.8139395	0	0	0
Sonoma	2049	LHDT2	Aggregate	35	Gasoline	615.5849982	615.5849982	0	0.01947483	0.000824471	0.000896687
Sonoma	2049	LHDT2	Aggregate	35	Diesel	2317.16718	2317.16718	0	0.380569624	0.021346392	0.022311581
Sonoma	2049	LHDT2	Aggregate	35	Electricity	2179.857693	0	2179.857693	0	0	0
Sonoma	2049	LHDT2	Aggregate	40	Gasoline	167.9384189	167.9384189	0	0.020313496	0.000767694	0.000834938
Sonoma	2049	LHDT2	Aggregate	40	Diesel	1220.515472	1220.515472	0	0.33735997	0.018324925	0.019153497
Sonoma	2049	LHDT2	Aggregate	40	Electricity	1019.984016	0	1019.984016	0	0	0
Sonoma	2049	LHDT2	Aggregate	45	Gasoline	190.0485425	190.0485425	0	0.020859913	0.000750518	0.000816257
Sonoma	2049	LHDT2	Aggregate	45	Diesel	1234.062709	1234.062709	0	0.30894986	0.016044947	0.016770428
Sonoma	2049	LHDT2	Aggregate	45	Electricity	1047.123795	0	1047.123795	0	0	0
Sonoma	2050	HHDT	Aggregate	5	Gasoline	1.090725722	1.090725722	0	4.440707005	0.007172698	0.007800963
Sonoma	2050	HHDT	Aggregate	5	Diesel	243.9538102	243.9538102	0	6.468261268	0.007964504	0.008324623
Sonoma	2050	HHDT	Aggregate	5	Electricity	195.7018299	0	195.7018299	0	0	0
Sonoma	2050	HHDT	Aggregate	5	Natural Gas	1.561455628	1.561455628	0	0.986049704	0.008786999	0.009556663
Sonoma	2050	HHDT	Aggregate	35	Gasoline	1.584218224	1.584218224	0	2.416657319	0.000992949	0.001079923
Sonoma	2050	HHDT	Aggregate	35	Diesel	6156.382594	6156.382594	0	1.264615433	0.005099164	0.005329726
Sonoma	2050	HHDT	Aggregate	35	Electricity	3671.671334	0	3671.671334	0	0	0
Sonoma	2050	HHDT	Aggregate	35	Natural Gas	646.5397383	646.5397383	0	0.147040358	0.001269436	0.001380627
Sonoma	2050	HHDT	Aggregate	40	Gasoline	1.591550374	1.591550374	0	2.312333896	0.000861235	0.000936672
Sonoma	2050	HHDT	Aggregate	40	Diesel	7407.999707	7407.999707	0	0.936037797	0.006845062	0.007154565
Sonoma	2050	HHDT	Aggregate	40	Electricity	4224.647381	0	4224.647381	0	0	0
Sonoma	2050	HHDT	Aggregate	40	Natural Gas	689.3824291	689.3824291	0	0.134502185	0.001021565	0.001111045
Sonoma	2050	HHDT	Aggregate	45	Gasoline	1.638616476	1.638616476	0	2.25099363	0.000788048	0.000857074
Sonoma	2050	HHDT	Aggregate	45	Diesel	8076.283163	8076.283163	0	0.722809588	0.009382947	0.009807203
Sonoma	2050	HHDT	Aggregate	45	Electricity	4481.559212	0	4481.559212	0	0	0
Sonoma	2050	HHDT	Aggregate	45	Natural Gas	693.2779652	693.2779652	0	0.125008496	0.000870847	0.000947125
Sonoma	2050	LHDT1	Aggregate	5	Gasoline	2953.032723	2953.032723	0	0.022768451	0.002001686	0.002177016
Sonoma	2050	LHDT1	Aggregate	5	Diesel	1351.411823	1351.411823	0	0.57879048	0.0359991	0.03762682
Sonoma	2050	LHDT1	Aggregate	5	Electricity	3921.282271	0	3921.282271	0	0	0
Sonoma	2050	LHDT1	Aggregate	35	Gasoline	4862.445736	4862.445736	0	0.015240896	0.000823706	0.000895855
Sonoma	2050	LHDT1	Aggregate	35	Diesel	4417.561778	4417.561778	0	0.197689097	0.014717883	0.01538336
Sonoma	2050	LHDT1	Aggregate	35	Electricity	8316.189157	0	8316.189157	0	0	0
Sonoma	2050	LHDT1	Aggregate	40	Gasoline	1327.506124	1327.506124	0	0.015749106	0.000766887	0.000834059
Sonoma	2050	LHDT1	Aggregate	40	Diesel	2325.871772	2325.871772	0	0.17113879	0.012742842	0.013319017
Sonoma	2050	LHDT1	Aggregate	40	Electricity	3220.381394	0	3220.381394	0	0	0
Sonoma	2050	LHDT1	Aggregate	45	Gasoline	1503.562482	1503.562482	0	0.016008939	0.000749634	0.000815296

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2050	LHDT1	Aggregate	45	Diesel	2350.039045	2350.039045	0	0.154299229	0.011218936	0.011726207
Sonoma	2050	LHDT1	Aggregate	45	Electricity	3405.691306	0	3405.691306	0	0	0
Sonoma	2050	LHDT2	Aggregate	5	Gasoline	360.0454619	360.0454619	0	0.026356876	0.00200892	0.002184884
Sonoma	2050	LHDT2	Aggregate	5	Diesel	680.2854781	680.2854781	0	0.891728415	0.050415168	0.052694718
Sonoma	2050	LHDT2	Aggregate	5	Electricity	830.3249702	0	830.3249702	0	0	0
Sonoma	2050	LHDT2	Aggregate	35	Gasoline	592.5870845	592.5870845	0	0.018583244	0.000828773	0.000901366
Sonoma	2050	LHDT2	Aggregate	35	Diesel	2225.755872	2225.755872	0	0.332526624	0.01992692	0.020827927
Sonoma	2050	LHDT2	Aggregate	35	Electricity	2210.891363	0	2210.891363	0	0	0
Sonoma	2050	LHDT2	Aggregate	40	Gasoline	161.6819753	161.6819753	0	0.019417344	0.000771718	0.000839314
Sonoma	2050	LHDT2	Aggregate	40	Diesel	1172.21536	1172.21536	0	0.292686085	0.017151217	0.017926719
Sonoma	2050	LHDT2	Aggregate	40	Electricity	1034.628833	0	1034.628833	0	0	0
Sonoma	2050	LHDT2	Aggregate	45	Gasoline	182.9915512	182.9915512	0	0.019977119	0.000754468	0.000820553
Sonoma	2050	LHDT2	Aggregate	45	Diesel	1184.971723	1184.971723	0	0.266708995	0.015040812	0.015720891
Sonoma	2050	LHDT2	Aggregate	45	Electricity	1062.136559	0	1062.136559	0	0	0

Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10
2025	5	466.37	0.13	59.77	2025	5	5569.87	0.12	666.83	2025	5	2154.08	0.09	199.26
	35	7704.01	0.01	98.88		35	18347.45	0.04	681.05		35	7084.41	0.03	218.47
	40	9027.88	0.01	120.35		40	9683.99	0.03	307.16		40	3737.32	0.03	98.39
	45	9693.90	0.02	148.67		45	9824.97	0.03	275.06		45	3788.53	0.02	87.59
2026	5	463.41	0.12	54.00	2026	5	5287.20	0.12	608.90	2026	5	2075.05	0.09	187.06
	35	7696.03	0.01	92.16		35	17411.57	0.04	628.01		35	6823.18	0.03	206.81
	40	9025.28	0.01	113.78		40	9189.21	0.03	283.20		40	3599.30	0.03	93.22
	45	9696.30	0.01	142.36		45	9321.63	0.03	253.42		45	3648.24	0.02	83.01
2027	5	459.12	0.11	49.23	2027	5	5011.96	0.11	553.94	2027	5	1996.60	0.09	175.16
	35	7668.48	0.01	86.47		35	16500.41	0.03	577.07		35	6563.88	0.03	195.15
	40	8999.74	0.01	108.12		40	8707.53	0.03	260.21		40	3462.28	0.03	88.05
	45	9673.99	0.01	136.79		45	8831.66	0.03	232.69		45	3508.98	0.02	78.45
2028	5	453.07	0.10	45.78	2028	5	4742.69	0.11	501.71	2028	5	1917.90	0.09	163.76
	35	7614.66	0.01	82.05		35	15609.14	0.03	528.06		35	6303.72	0.03	183.75
	40	8943.78	0.01	103.59		40	8236.39	0.03	238.12		40	3324.81	0.02	83.00
	45	9619.18	0.01	132.20		45	8352.43	0.03	212.80		45	3369.24	0.02	74.00
2029	5	444.96	0.10	42.38	2029	5	4484.20	0.10	452.94	2029	5	1839.65	0.08	152.74
	35	7534.13	0.01	77.48		35	14753.71	0.03	481.63		35	6044.99	0.03	172.62
	40	8856.99	0.01	98.89		40	7784.21	0.03	217.23		40	3188.08	0.02	78.05
	45	9531.38	0.01	127.37		45	7892.56	0.02	194.05		45	3230.24	0.02	69.62
2030	5	434.87	0.09	38.87	2030	5	4233.81	0.10	407.57	2030	5	1761.42	0.08	142.41
	35	7435.80	0.01	72.75		35	13925.45	0.03	437.93		35	5786.64	0.03	162.07
	40	8749.28	0.01	94.00		40	7346.46	0.03	197.59		40	3051.61	0.02	73.36
	45	9420.85	0.01	122.30		45	7447.44	0.02	176.44		45	3091.60	0.02	65.47
2031	5	423.22	0.08	34.15	2031	5	3992.57	0.09	365.80	2031	5	1683.30	0.08	132.24
	35	7332.57	0.01	66.56		35	13127.68	0.03	397.16		35	5528.59	0.03	151.73
	40	8636.43	0.01	87.74		40	6924.86	0.03	179.29		40	2915.30	0.02	68.73
	45	9304.72	0.01	115.91		45	7018.82	0.02	160.07		45	2953.11	0.02	61.35

Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10
2032	5	411.93	0.07	30.46	2032	5	3762.69	0.09	330.50	2032	5	1605.47	0.08	122.65
	35	7228.09	0.01	61.68		35	12367.80	0.03	362.60		35	5271.69	0.03	142.04
	40	8521.95	0.01	82.75		40	6523.34	0.03	163.73		40	2779.61	0.02	64.36
	45	9187.31	0.01	110.76		45	6610.71	0.02	146.12		45	2815.29	0.02	57.43
2033	5	399.54	0.07	26.12	2033	5	3535.66	0.08	298.30	2033	5	1528.59	0.07	114.40
	35	7115.45	0.01	56.09		35	11617.40	0.03	330.85		35	5018.38	0.03	133.56
	40	8398.62	0.01	77.09		40	6126.84	0.02	149.40		40	2645.90	0.02	60.54
	45	9060.76	0.01	104.94		45	6207.70	0.02	133.25		45	2679.62	0.02	54.02
2034	5	387.12	0.06	22.49	2034	5	3318.50	0.08	270.28	2034	5	1451.04	0.07	106.33
	35	7001.67	0.01	51.57		35	10900.18	0.03	303.16		35	4762.77	0.03	125.38
	40	8273.81	0.01	72.48		40	5747.96	0.02	136.87		40	2510.96	0.02	56.80
	45	8932.63	0.01	100.15		45	5822.78	0.02	121.95		45	2542.66	0.02	50.63
2035	5	374.35	0.05	19.13	2035	5	3101.93	0.08	242.34	2035	5	1373.23	0.07	98.68
	35	6885.05	0.01	47.63		35	10185.16	0.03	275.05		35	4506.47	0.03	117.37
	40	8145.95	0.01	68.46		40	5370.29	0.02	124.18		40	2375.69	0.02	53.17
	45	8801.46	0.01	95.95		45	5439.15	0.02	110.56		45	2405.43	0.02	47.35
2036	5	362.77	0.05	16.48	2036	5	2901.35	0.08	218.10	2036	5	1298.24	0.07	92.18
	35	6770.54	0.01	45.54		35	9523.31	0.03	250.06		35	4259.37	0.03	110.14
	40	8020.04	0.01	66.25		40	5020.77	0.02	112.93		40	2245.25	0.02	49.90
	45	8671.50	0.01	93.49		45	5084.22	0.02	100.51		45	2273.07	0.02	44.44
2037	5	351.68	0.04	13.85	2037	5	2713.09	0.07	194.93	2037	5	1225.14	0.07	85.40
	35	6668.99	0.01	43.58		35	8902.25	0.03	225.89		35	4018.88	0.03	102.57
	40	7909.24	0.01	64.20		40	4692.81	0.02	102.07		40	2118.37	0.02	46.50
	45	8557.56	0.01	91.25		45	4751.22	0.02	90.82		45	2144.43	0.02	41.42
2038	5	341.94	0.04	12.22	2038	5	2538.47	0.07	173.85	2038	5	1155.91	0.07	78.92
	35	6579.31	0.01	42.11		35	8326.18	0.02	203.52		35	3790.89	0.03	95.21
	40	7811.65	0.01	62.60		40	4388.61	0.02	92.02		40	1998.04	0.02	43.18
	45	8457.46	0.01	89.44		45	4442.34	0.02	81.89		45	2022.36	0.02	38.48
2039	5	332.40	0.03	10.88	2039	5	2379.14	0.07	155.31	2039	5	1092.77	0.07	73.05
	35	6494.41	0.01	40.81		35	7800.81	0.02	183.77		35	3583.17	0.02	88.47
	40	7719.61	0.01	61.15		40	4111.23	0.02	83.14		40	1888.45	0.02	40.15
	45	8363.17	0.01	87.78		45	4160.78	0.02	73.97		45	1911.25	0.02	35.79
2040	5	323.77	0.03	9.97	2040	5	2231.54	0.06	138.34	2040	5	1035.96	0.07	68.14
	35	6419.61	0.01	39.77		35	7314.25	0.02	165.50		35	3396.26	0.02	82.77
	40	7639.15	0.01	59.97		40	3854.36	0.02	74.93		40	1789.83	0.02	37.58
	45	8281.17	0.01	86.40		45	3900.06	0.02	66.67		45	1811.26	0.02	33.50

Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10	Year	Speed	Total Trips	PM10Run	Total PM10
2041	5	314.78	0.03	8.79	2041	5	2097.62	0.06	124.08	2041	5	984.70	0.07	64.15
	35	6349.59	0.01	38.68		35	6873.14	0.02	150.09		35	3227.59	0.02	78.12
	40	7564.73	0.01	58.77		40	3621.54	0.02	67.98		40	1700.84	0.02	35.46
	45	8205.80	0.01	85.01		45	3663.86	0.02	60.46		45	1721.03	0.02	31.60
2042	5	305.99	0.03	7.68	2042	5	1973.52	0.06	110.70	2042	5	938.93	0.06	60.80
	35	6290.46	0.01	37.70		35	6464.35	0.02	135.50		35	3076.86	0.02	74.15
	40	7503.01	0.01	57.70		40	3405.77	0.02	61.41		40	1621.29	0.02	33.65
	45	8143.94	0.01	83.79		45	3444.96	0.02	54.60		45	1640.33	0.02	29.98
2043	5	297.85	0.02	6.79	2043	5	1867.52	0.05	100.22	2043	5	900.21	0.06	58.11
	35	6243.66	0.01	36.91		35	6115.38	0.02	123.80		35	2949.27	0.02	70.94
	40	7455.86	0.01	56.84		40	3221.61	0.02	56.13		40	1553.94	0.02	32.18
	45	8097.76	0.01	82.83		45	3258.17	0.02	49.92		45	1571.99	0.02	28.65
2044	5	289.97	0.02	6.02	2044	5	1769.77	0.05	89.91	2044	5	861.79	0.06	55.00
	35	6202.98	0.01	36.21		35	5793.53	0.02	112.41		35	2822.79	0.02	67.55
	40	7416.39	0.01	56.12		40	3051.76	0.02	51.01		40	1487.20	0.02	30.61
	45	8060.21	0.01	82.06		45	3085.90	0.01	45.35		45	1504.30	0.02	27.22
2045	5	281.59	0.02	4.95	2045	5	1683.60	0.05	81.52	2045	5	827.48	0.06	52.32
	35	6174.71	0.01	35.47		35	5509.93	0.02	103.06		35	2710.25	0.02	64.56
	40	7391.32	0.01	55.40		40	2902.12	0.02	46.79		40	1427.88	0.02	29.24
	45	8037.75	0.01	81.34		45	2934.14	0.01	41.60		45	1444.25	0.02	25.97
2046	5	272.89	0.01	3.68	2046	5	1604.96	0.05	73.66	2046	5	793.71	0.06	49.37
	35	6154.93	0.01	34.70		35	5251.12	0.02	94.32		35	2599.14	0.02	61.44
	40	7376.24	0.01	54.69		40	2765.55	0.02	42.85		40	1369.25	0.02	27.79
	45	8025.87	0.01	80.67		45	2795.65	0.01	38.09		45	1384.80	0.02	24.65
2047	5	264.77	0.01	2.72	2047	5	1533.51	0.04	67.41	2047	5	764.60	0.06	46.87
	35	6143.17	0.01	34.05		35	5015.93	0.02	87.30		35	2503.28	0.02	58.74
	40	7370.36	0.01	54.11		40	2641.45	0.02	39.66		40	1318.66	0.02	26.55
	45	8023.82	0.01	80.13		45	2669.79	0.01	35.23		45	1333.48	0.02	23.51
2048	5	257.19	0.01	2.37	2048	5	1466.76	0.04	61.87	2048	5	735.88	0.06	44.38
	35	6139.74	0.01	33.50		35	4796.49	0.02	81.03		35	2408.84	0.02	56.06
	40	7374.01	0.01	53.58		40	2525.70	0.01	36.81		40	1268.84	0.02	25.31
	45	8031.88	0.01	79.62		45	2552.48	0.01	32.68		45	1282.99	0.02	22.38
2049	5	250.46	0.01	2.20	2049	5	1405.40	0.04	55.68	2049	5	707.94	0.06	40.56
	35	6146.68	0.01	33.15		35	4594.75	0.02	73.72		35	2317.17	0.02	51.70
	40	8999.74	0.01	64.89		40	2419.28	0.01	33.55		40	1220.52	0.02	23.38
	45	2.23	0.00	0.00		45	2444.62	0.01	29.82		45	1234.06	0.02	20.70

Year	Speed	Total Trips	PM10Run	Total PM10
2050	5	243.95	0.01	2.03
(*5)	35	6156.38	0.01	32.81
	40	7408.00	0.01	53.00
	45	8076.28	0.01	79.21
Agg Total	5	10185.76		541.14
	35	200776.62		1489.56
	40	240171.05		2118.53
	45	250264.02		2837.22
Wt. Ave	5			0.05
	35			0.01
	40			0.01
	45			0.01
	Idle			0.00

Year	Speed	Total Trips	PM10Run	Total PM10
2050	5	1351.41	0.04	50.85
	35	4417.56	0.02	67.96
	40	2325.87	0.01	30.98
	45	2350.04	0.01	27.56
Agg Total	5	81964.38		6598.91
	35	269115.18		7332.35
	40	141893.01		3313.14
	45	143708.24		2955.81
Wt. Ave	5			0.08
	35			0.03
	40			0.02
	45			0.02
				0.01

Year	Speed	Total Trips	PM10Run	Total PM10
2050	5	680.29	0.05	35.85
	35	2225.76	0.02	46.36
	40	1172.22	0.02	21.01
	45	1184.97	0.02	18.63
Agg Tota	5	36111.03		2643.16
	35	118487.27		3103.17
	40	62460.28		1404.24
	45	63237.40		1250.32

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: County
Region: Sonoma
Calendar Year: 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2025	HHDT	Aggregate	5	Gasoline	1.837710633	1.837710633	0	15.91574985	0.017096498	0.018594002
Sonoma	2025	HHDT	Aggregate	5	Diesel	466.3703908	466.3703908	0	20.41180847	0.122610267	0.12815416
Sonoma	2025	HHDT	Aggregate	5	Electricity	4.622048224	0	4.622048224	0	0	0
Sonoma	2025	HHDT	Aggregate	5	Natural Gas	1.992190154	1.992190154	0	2.395864389	0.007594817	0.008260057
Sonoma	2025	HHDT	Aggregate	35	Gasoline	2.676021659	2.676021659	0	12.67885329	0.003084225	0.003354376
Sonoma	2025	HHDT	Aggregate	35	Diesel	7704.014471	7704.014471	0	2.971113849	0.012279559	0.012834786
Sonoma	2025	HHDT	Aggregate	35	Electricity	60.08105442	0	60.08105442	0	0	0
Sonoma	2025	HHDT	Aggregate	35	Natural Gas	731.4659603	731.4659603	0	0.808840958	0.002011357	0.002187534
Sonoma	2025	HHDT	Aggregate	40	Gasoline	2.679923132	2.679923132	0	12.70957138	0.002763934	0.003006031
Sonoma	2025	HHDT	Aggregate	40	Diesel	9027.881191	9027.881191	0	2.448191174	0.012754074	0.013330757
Sonoma	2025	HHDT	Aggregate	40	Electricity	69.17950691	0	69.17950691	0	0	0
Sonoma	2025	HHDT	Aggregate	40	Natural Gas	787.8794241	787.8794241	0	0.719054025	0.001800668	0.001958391
Sonoma	2025	HHDT	Aggregate	45	Gasoline	2.766596408	2.766596408	0	12.89172515	0.002598769	0.002826398
Sonoma	2025	HHDT	Aggregate	45	Diesel	9693.900509	9693.900509	0	2.175743564	0.014673256	0.015336715
Sonoma	2025	HHDT	Aggregate	45	Electricity	73.70499984	0	73.70499984	0	0	0
Sonoma	2025	HHDT	Aggregate	45	Natural Gas	798.1181732	798.1181732	0	0.650959105	0.00170237	0.001851482
Sonoma	2025	LHDT1	Aggregate	5	Gasoline	8523.414127	8523.414127	0	0.331756126	0.004937102	0.005369549
Sonoma	2025	LHDT1	Aggregate	5	Diesel	5569.866428	5569.866428	0	2.862571816	0.114542591	0.119721698
Sonoma	2025	LHDT1	Aggregate	5	Electricity	74.59279124	0	74.59279124	0	0	0
Sonoma	2025	LHDT1	Aggregate	35	Gasoline	14051.04539	14051.04539	0	0.223757116	0.001073853	0.001167913
Sonoma	2025	LHDT1	Aggregate	35	Diesel	18347.45124	18347.45124	0	2.240847695	0.035514012	0.037119798
Sonoma	2025	LHDT1	Aggregate	35	Electricity	159.2201791	0	159.2201791	0	0	0
Sonoma	2025	LHDT1	Aggregate	40	Gasoline	3842.479653	3842.479653	0	0.228535546	0.000973956	0.001059266
Sonoma	2025	LHDT1	Aggregate	40	Diesel	9683.989409	9683.989409	0	2.235702518	0.030346167	0.031718286
Sonoma	2025	LHDT1	Aggregate	40	Electricity	62.07050754	0	62.07050754	0	0	0
Sonoma	2025	LHDT1	Aggregate	45	Gasoline	4360.436515	4360.436515	0	0.227481948	0.000929981	0.00101144
Sonoma	2025	LHDT1	Aggregate	45	Diesel	9824.965606	9824.965606	0	2.247592461	0.026784993	0.027996091
Sonoma	2025	LHDT1	Aggregate	45	Electricity	65.53996857	0	65.53996857	0	0	0
Sonoma	2025	LHDT2	Aggregate	5	Gasoline	1361.182673	1361.182673	0	0.213037877	0.003255141	0.003540263
Sonoma	2025	LHDT2	Aggregate	5	Diesel	2154.081297	2154.081297	0	2.24197735	0.088502511	0.092504201
Sonoma	2025	LHDT2	Aggregate	5	Electricity	16.00556444	0	16.00556444	0	0	0
Sonoma	2025	LHDT2	Aggregate	35	Gasoline	2237.621286	2237.621286	0	0.136679118	0.000832739	0.00090568
Sonoma	2025	LHDT2	Aggregate	35	Diesel	7084.407851	7084.407851	0	1.396807311	0.029504743	0.030838817
Sonoma	2025	LHDT2	Aggregate	35	Electricity	42.27979632	0	42.27979632	0	0	0
Sonoma	2025	LHDT2	Aggregate	40	Gasoline	609.4653472	609.4653472	0	0.139095841	0.000760992	0.000827648
Sonoma	2025	LHDT2	Aggregate	40	Diesel	3737.323947	3737.323947	0	1.353871118	0.02518833	0.026327235

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2025	LHDT2	Aggregate	40	Electricity	19.68153597	0	19.68153597	0	0	0
Sonoma	2025	LHDT2	Aggregate	45	Gasoline	688.4158169	688.4158169	0	0.138399554	0.000731651	0.000795737
Sonoma	2025	LHDT2	Aggregate	45	Diesel	3788.527983	3788.527983	0	1.33205196	0.022118721	0.023118831
Sonoma	2025	LHDT2	Aggregate	45	Electricity	20.2101886	0	20.2101886	0	0	0
Sonoma	2026	HHDT	Aggregate	5	Gasoline	1.541818217	1.541818217	0	11.63040294	0.011032502	0.011998852
Sonoma	2026	HHDT	Aggregate	5	Diesel	463.4138775	463.4138775	0	19.11887135	0.111483819	0.116524623
Sonoma	2026	HHDT	Aggregate	5	Electricity	7.848277259	0	7.848277259	0	0	0
Sonoma	2026	HHDT	Aggregate	5	Natural Gas	2.066312036	2.066312036	0	2.252605653	0.0077161	0.008391963
Sonoma	2026	HHDT	Aggregate	35	Gasoline	2.243864722	2.243864722	0	6.8291656	0.001645227	0.001789335
Sonoma	2026	HHDT	Aggregate	35	Diesel	7696.029327	7696.029327	0	2.797834954	0.011457303	0.011975351
Sonoma	2026	HHDT	Aggregate	35	Electricity	109.6930051	0	109.6930051	0	0	0
Sonoma	2026	HHDT	Aggregate	35	Natural Gas	758.5705122	758.5705122	0	0.730237667	0.001911209	0.002078614
Sonoma	2026	HHDT	Aggregate	40	Gasoline	2.24872596	2.24872596	0	6.606822428	0.001445388	0.001571992
Sonoma	2026	HHDT	Aggregate	40	Diesel	9025.281099	9025.281099	0	2.294352104	0.012061581	0.012606952
Sonoma	2026	HHDT	Aggregate	40	Electricity	126.6257913	0	126.6257913	0	0	0
Sonoma	2026	HHDT	Aggregate	40	Natural Gas	816.1607288	816.1607288	0	0.649794048	0.001698524	0.0018473
Sonoma	2026	HHDT	Aggregate	45	Gasoline	2.320058472	2.320058472	0	6.49383368	0.001331327	0.00144794
Sonoma	2026	HHDT	Aggregate	45	Diesel	9696.298085	9696.298085	0	2.028023861	0.014046316	0.014681428
Sonoma	2026	HHDT	Aggregate	45	Electricity	134.9937958	0	134.9937958	0	0	0
Sonoma	2026	HHDT	Aggregate	45	Natural Gas	825.5280706	825.5280706	0	0.588969002	0.001595381	0.001735122
Sonoma	2026	LHDT1	Aggregate	5	Gasoline	8221.41633	8221.41633	0	0.307430909	0.004722368	0.005136007
Sonoma	2026	LHDT1	Aggregate	5	Diesel	5287.199298	5287.199298	0	2.736795843	0.110182711	0.115164684
Sonoma	2026	LHDT1	Aggregate	5	Electricity	136.9575908	0	136.9575908	0	0	0
Sonoma	2026	LHDT1	Aggregate	35	Gasoline	13551.97586	13551.97586	0	0.208551187	0.001060748	0.00115366
Sonoma	2026	LHDT1	Aggregate	35	Diesel	17411.56505	17411.56505	0	2.1038662	0.034508355	0.036068669
Sonoma	2026	LHDT1	Aggregate	35	Electricity	291.6443809	0	291.6443809	0	0	0
Sonoma	2026	LHDT1	Aggregate	40	Gasoline	3705.529097	3705.529097	0	0.21317393	0.000963881	0.001048308
Sonoma	2026	LHDT1	Aggregate	40	Diesel	9189.211617	9189.211617	0	2.094990657	0.02948554	0.030818745
Sonoma	2026	LHDT1	Aggregate	40	Electricity	113.4183531	0	113.4183531	0	0	0
Sonoma	2026	LHDT1	Aggregate	45	Gasoline	4204.407278	4204.407278	0	0.212370277	0.000921926	0.001002679
Sonoma	2026	LHDT1	Aggregate	45	Diesel	9321.62931	9321.62931	0	2.103482247	0.026009882	0.027185934
Sonoma	2026	LHDT1	Aggregate	45	Electricity	119.8174013	0	119.8174013	0	0	0
Sonoma	2026	LHDT2	Aggregate	5	Gasoline	1299.068633	1299.068633	0	0.197290114	0.003115339	0.003388215
Sonoma	2026	LHDT2	Aggregate	5	Diesel	2075.048829	2075.048829	0	2.161096448	0.086248631	0.090148411
Sonoma	2026	LHDT2	Aggregate	5	Electricity	29.21651719	0	29.21651719	0	0	0
Sonoma	2026	LHDT2	Aggregate	35	Gasoline	2135.642928	2135.642928	0	0.126461397	0.000822467	0.000894508
Sonoma	2026	LHDT2	Aggregate	35	Diesel	6823.183516	6823.183516	0	1.324820336	0.028998051	0.030309215
Sonoma	2026	LHDT2	Aggregate	35	Electricity	77.08844525	0	77.08844525	0	0	0
Sonoma	2026	LHDT2	Aggregate	40	Gasoline	581.739663	581.739663	0	0.128713561	0.000752716	0.000818647
Sonoma	2026	LHDT2	Aggregate	40	Diesel	3599.296678	3599.296678	0	1.281544414	0.024778461	0.025898833
Sonoma	2026	LHDT2	Aggregate	40	Electricity	35.85595726	0	35.85595726	0	0	0
Sonoma	2026	LHDT2	Aggregate	45	Gasoline	657.1647292	657.1647292	0	0.128104933	0.000724659	0.000788133
Sonoma	2026	LHDT2	Aggregate	45	Diesel	3648.239001	3648.239001	0	1.259318595	0.021768485	0.02275276
Sonoma	2026	LHDT2	Aggregate	45	Electricity	36.82683835	0	36.82683835	0	0	0
Sonoma	2027	HHDT	Aggregate	5	Gasoline	1.52613459	1.52613459	0	10.2852878	0.01022129	0.011116585

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2027	HHDT	Aggregate	5	Diesel	459.1163942	459.1163942	0	18.0399371	0.102585463	0.107223922
Sonoma	2027	HHDT	Aggregate	5	Electricity	12.40404543	0	12.40404543	0	0	0
Sonoma	2027	HHDT	Aggregate	5	Natural Gas	2.121206651	2.121206651	0	2.140812432	0.007810698	0.008494847
Sonoma	2027	HHDT	Aggregate	35	Gasoline	2.220845583	2.220845583	0	5.878573306	0.001477638	0.001607066
Sonoma	2027	HHDT	Aggregate	35	Diesel	7668.481383	7668.481383	0	2.651069687	0.010788436	0.011276241
Sonoma	2027	HHDT	Aggregate	35	Electricity	181.7249672	0	181.7249672	0	0	0
Sonoma	2027	HHDT	Aggregate	35	Natural Gas	781.8886625	781.8886625	0	0.660213374	0.001823009	0.001982688
Sonoma	2027	HHDT	Aggregate	40	Gasoline	2.225896982	2.225896982	0	5.659297657	0.001290436	0.001403467
Sonoma	2027	HHDT	Aggregate	40	Diesel	8999.739709	8999.739709	0	2.164172093	0.011493954	0.012013659
Sonoma	2027	HHDT	Aggregate	40	Electricity	209.9848313	0	209.9848313	0	0	0
Sonoma	2027	HHDT	Aggregate	40	Natural Gas	840.406739	840.406739	0	0.58801037	0.001608354	0.001749231
Sonoma	2027	HHDT	Aggregate	45	Gasoline	2.296294844	2.296294844	0	5.548251126	0.001186033	0.001289919
Sonoma	2027	HHDT	Aggregate	45	Diesel	9673.991691	9673.991691	0	1.903016282	0.013527884	0.014139555
Sonoma	2027	HHDT	Aggregate	45	Electricity	223.8992458	0	223.8992458	0	0	0
Sonoma	2027	HHDT	Aggregate	45	Natural Gas	848.9418425	848.9418425	0	0.533551246	0.001500644	0.001632087
Sonoma	2027	LHDT1	Aggregate	5	Gasoline	7919.753508	7919.753508	0	0.284872334	0.004529224	0.004925944
Sonoma	2027	LHDT1	Aggregate	5	Diesel	5011.956455	5011.956455	0	2.613030627	0.105742072	0.110523259
Sonoma	2027	LHDT1	Aggregate	5	Electricity	227.7723367	0	227.7723367	0	0	0
Sonoma	2027	LHDT1	Aggregate	35	Gasoline	13053.79699	13053.79699	0	0.193514619	0.001047625	0.001139388
Sonoma	2027	LHDT1	Aggregate	35	Diesel	16500.41129	16500.41129	0	1.972765646	0.033459942	0.034972852
Sonoma	2027	LHDT1	Aggregate	35	Electricity	484.5593304	0	484.5593304	0	0	0
Sonoma	2027	LHDT1	Aggregate	40	Gasoline	3568.95316	3568.95316	0	0.197896414	0.00095359	0.001037116
Sonoma	2027	LHDT1	Aggregate	40	Diesel	8707.534661	8707.534661	0	1.960657989	0.028591021	0.02988378
Sonoma	2027	LHDT1	Aggregate	40	Electricity	188.2518123	0	188.2518123	0	0	0
Sonoma	2027	LHDT1	Aggregate	45	Gasoline	4048.974731	4048.974731	0	0.197309632	0.000913541	0.000993559
Sonoma	2027	LHDT1	Aggregate	45	Diesel	8831.663207	8831.663207	0	1.966161582	0.025207661	0.02634744
Sonoma	2027	LHDT1	Aggregate	45	Electricity	198.9224349	0	198.9224349	0	0	0
Sonoma	2027	LHDT2	Aggregate	5	Gasoline	1237.75918	1237.75918	0	0.179891504	0.002957	0.003216007
Sonoma	2027	LHDT2	Aggregate	5	Diesel	1996.601831	1996.601831	0	2.082770071	0.083934015	0.087729139
Sonoma	2027	LHDT2	Aggregate	5	Electricity	48.4707599	0	48.4707599	0	0	0
Sonoma	2027	LHDT2	Aggregate	35	Gasoline	2034.924962	2034.924962	0	0.114286267	0.000807945	0.000878714
Sonoma	2027	LHDT2	Aggregate	35	Diesel	6563.88378	6563.88378	0	1.260273946	0.028444522	0.029730657
Sonoma	2027	LHDT2	Aggregate	35	Electricity	127.9223773	0	127.9223773	0	0	0
Sonoma	2027	LHDT2	Aggregate	40	Gasoline	554.3330982	554.3330982	0	0.11613092	0.000740349	0.000805197
Sonoma	2027	LHDT2	Aggregate	40	Diesel	3462.284561	3462.284561	0	1.217281925	0.024331722	0.025431894
Sonoma	2027	LHDT2	Aggregate	40	Electricity	59.50887534	0	59.50887534	0	0	0
Sonoma	2027	LHDT2	Aggregate	45	Gasoline	626.2423229	626.2423229	0	0.115451429	0.000713524	0.000776022
Sonoma	2027	LHDT2	Aggregate	45	Diesel	3508.978817	3508.978817	0	1.195160774	0.021389501	0.022356639
Sonoma	2027	LHDT2	Aggregate	45	Electricity	61.12378305	0	61.12378305	0	0	0
Sonoma	2028	HHDT	Aggregate	5	Gasoline	1.508175077	1.508175077	0	8.103241309	0.008744516	0.009510459
Sonoma	2028	HHDT	Aggregate	5	Diesel	453.0650125	453.0650125	0	17.20343719	0.096674761	0.101045965
Sonoma	2028	HHDT	Aggregate	5	Electricity	18.63738459	0	18.63738459	0	0	0
Sonoma	2028	HHDT	Aggregate	5	Natural Gas	2.14985059	2.14985059	0	2.04997314	0.00788683	0.008577648
Sonoma	2028	HHDT	Aggregate	35	Gasoline	2.194462916	2.194462916	0	4.452357883	0.001216503	0.001323058
Sonoma	2028	HHDT	Aggregate	35	Diesel	7614.65552	7614.65552	0	2.525187695	0.010308534	0.01077464

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2028	HHDT	Aggregate	35	Electricity	285.3929475	0	285.3929475	0	0	0
Sonoma	2028	HHDT	Aggregate	35	Natural Gas	801.6179991	801.6179991	0	0.599658092	0.001744467	0.001897267
Sonoma	2028	HHDT	Aggregate	40	Gasoline	2.199760663	2.199760663	0	4.256335196	0.001054766	0.001147154
Sonoma	2028	HHDT	Aggregate	40	Diesel	8943.775383	8943.775383	0	2.052911118	0.011081185	0.011582227
Sonoma	2028	HHDT	Aggregate	40	Electricity	329.8864047	0	329.8864047	0	0	0
Sonoma	2028	HHDT	Aggregate	40	Natural Gas	860.7484459	860.7484459	0	0.534831636	0.001527369	0.001661153
Sonoma	2028	HHDT	Aggregate	45	Gasoline	2.269063301	2.269063301	0	4.155139112	0.000966378	0.001051025
Sonoma	2028	HHDT	Aggregate	45	Diesel	9619.179802	9619.179802	0	1.796850729	0.013148593	0.013743114
Sonoma	2028	HHDT	Aggregate	45	Electricity	351.6322632	0	351.6322632	0	0	0
Sonoma	2028	HHDT	Aggregate	45	Natural Gas	868.456442	868.456442	0	0.486019281	0.001415049	0.001538995
Sonoma	2028	LHDT1	Aggregate	5	Gasoline	7626.215841	7626.215841	0	0.264167776	0.004372662	0.004755669
Sonoma	2028	LHDT1	Aggregate	5	Diesel	4742.69187	4742.69187	0	2.49101044	0.10121046	0.105786748
Sonoma	2028	LHDT1	Aggregate	5	Electricity	347.8963474	0	347.8963474	0	0	0
Sonoma	2028	LHDT1	Aggregate	35	Gasoline	12568.88412	12568.88412	0	0.17858207	0.001037407	0.001128275
Sonoma	2028	LHDT1	Aggregate	35	Diesel	15609.14338	15609.14338	0	1.846950134	0.032366973	0.033830464
Sonoma	2028	LHDT1	Aggregate	35	Electricity	739.4484129	0	739.4484129	0	0	0
Sonoma	2028	LHDT1	Aggregate	40	Gasoline	3435.955261	3435.955261	0	0.182449064	0.000945412	0.001028222
Sonoma	2028	LHDT1	Aggregate	40	Diesel	8236.386386	8236.386386	0	1.832047118	0.027660576	0.028911264
Sonoma	2028	LHDT1	Aggregate	40	Electricity	287.0100193	0	287.0100193	0	0	0
Sonoma	2028	LHDT1	Aggregate	45	Gasoline	3897.53739	3897.53739	0	0.18182221	0.00090668	0.000986098
Sonoma	2028	LHDT1	Aggregate	45	Diesel	8352.434015	8352.434015	0	1.834900825	0.024375907	0.025478077
Sonoma	2028	LHDT1	Aggregate	45	Electricity	303.3470145	0	303.3470145	0	0	0
Sonoma	2028	LHDT2	Aggregate	5	Gasoline	1179.30163	1179.30163	0	0.164722828	0.002837886	0.00308646
Sonoma	2028	LHDT2	Aggregate	5	Diesel	1917.90081	1917.90081	0	2.008561535	0.081690483	0.085384164
Sonoma	2028	LHDT2	Aggregate	5	Electricity	73.90971588	0	73.90971588	0	0	0
Sonoma	2028	LHDT2	Aggregate	35	Gasoline	1938.876237	1938.876237	0	0.104229392	0.000800212	0.000870303
Sonoma	2028	LHDT2	Aggregate	35	Diesel	6303.720458	6303.720458	0	1.202854793	0.027888626	0.029149626
Sonoma	2028	LHDT2	Aggregate	35	Electricity	195.0813175	0	195.0813175	0	0	0
Sonoma	2028	LHDT2	Aggregate	40	Gasoline	528.1909467	528.1909467	0	0.105816659	0.000734161	0.000798467
Sonoma	2028	LHDT2	Aggregate	40	Diesel	3324.812095	3324.812095	0	1.160537522	0.023884267	0.024964207
Sonoma	2028	LHDT2	Aggregate	40	Electricity	90.75599254	0	90.75599254	0	0	0
Sonoma	2028	LHDT2	Aggregate	45	Gasoline	596.7384528	596.7384528	0	0.105134994	0.000708313	0.000770355
Sonoma	2028	LHDT2	Aggregate	45	Diesel	3369.243953	3369.243953	0	1.138809517	0.021011913	0.021961978
Sonoma	2028	LHDT2	Aggregate	45	Electricity	93.22452015	0	93.22452015	0	0	0
Sonoma	2029	HHDT	Aggregate	5	Gasoline	1.561771079	1.561771079	0	7.685880742	0.008628231	0.009383988
Sonoma	2029	HHDT	Aggregate	5	Diesel	444.9574994	444.9574994	0	16.46627946	0.091132714	0.095253331
Sonoma	2029	HHDT	Aggregate	5	Electricity	26.83916015	0	26.83916015	0	0	0
Sonoma	2029	HHDT	Aggregate	5	Natural Gas	2.16338832	2.16338832	0	1.969795696	0.007953269	0.008649905
Sonoma	2029	HHDT	Aggregate	35	Gasoline	2.272066981	2.272066981	0	4.208679296	0.001197385	0.001302266
Sonoma	2029	HHDT	Aggregate	35	Diesel	7534.133454	7534.133454	0	2.410462515	0.009839427	0.010284322
Sonoma	2029	HHDT	Aggregate	35	Electricity	420.2639223	0	420.2639223	0	0	0
Sonoma	2029	HHDT	Aggregate	35	Natural Gas	817.0619778	817.0619778	0	0.545411386	0.001679212	0.001826296
Sonoma	2029	HHDT	Aggregate	40	Gasoline	2.278022568	2.278022568	0	4.020697553	0.001037699	0.001128593
Sonoma	2029	HHDT	Aggregate	40	Diesel	8856.986993	8856.986993	0	1.951700236	0.010682027	0.011165021
Sonoma	2029	HHDT	Aggregate	40	Electricity	485.6035277	0	485.6035277	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2029	HHDT	Aggregate	40	Natural Gas	876.467104	876.467104	0	0.486963888	0.001460699	0.001588644
Sonoma	2029	HHDT	Aggregate	45	Gasoline	2.349378342	2.349378342	0	3.923747638	0.000950546	0.001033806
Sonoma	2029	HHDT	Aggregate	45	Diesel	9531.375908	9531.375908	0	1.700392634	0.012785268	0.013363361
Sonoma	2029	HHDT	Aggregate	45	Electricity	517.3560765	0	517.3560765	0	0	0
Sonoma	2029	HHDT	Aggregate	45	Natural Gas	883.4318957	883.4318957	0	0.443015573	0.001344961	0.001462768
Sonoma	2029	LHDT1	Aggregate	5	Gasoline	7328.182913	7328.182913	0	0.245269732	0.004204695	0.004572989
Sonoma	2029	LHDT1	Aggregate	5	Diesel	4484.195018	4484.195018	0	2.373336393	0.0966386	0.101008169
Sonoma	2029	LHDT1	Aggregate	5	Electricity	495.1947226	0	495.1947226	0	0	0
Sonoma	2029	LHDT1	Aggregate	35	Gasoline	12076.86176	12076.86176	0	0.163648309	0.001020974	0.001110402
Sonoma	2029	LHDT1	Aggregate	35	Diesel	14753.70737	14753.70737	0	1.731425977	0.031232614	0.032644814
Sonoma	2029	LHDT1	Aggregate	35	Electricity	1051.635464	0	1051.635464	0	0	0
Sonoma	2029	LHDT1	Aggregate	40	Gasoline	3301.129746	3301.129746	0	0.16696903	0.000931398	0.001012981
Sonoma	2029	LHDT1	Aggregate	40	Diesel	7784.211927	7784.211927	0	1.714530224	0.026699455	0.027906686
Sonoma	2029	LHDT1	Aggregate	40	Electricity	407.8229236	0	407.8229236	0	0	0
Sonoma	2029	LHDT1	Aggregate	45	Gasoline	3744.178699	3744.178699	0	0.166242217	0.000894135	0.000972453
Sonoma	2029	LHDT1	Aggregate	45	Diesel	7892.557956	7892.557956	0	1.715401727	0.023522254	0.024585826
Sonoma	2029	LHDT1	Aggregate	45	Electricity	431.1252947	0	431.1252947	0	0	0
Sonoma	2029	LHDT2	Aggregate	5	Gasoline	1122.096303	1122.096303	0	0.149671401	0.002699594	0.002936055
Sonoma	2029	LHDT2	Aggregate	5	Diesel	1839.65446	1839.65446	0	1.939074578	0.079433036	0.083024645
Sonoma	2029	LHDT2	Aggregate	5	Electricity	104.9950542	0	104.9950542	0	0	0
Sonoma	2029	LHDT2	Aggregate	35	Gasoline	1844.872239	1844.872239	0	0.093619924	0.00078806	0.000857087
Sonoma	2029	LHDT2	Aggregate	35	Diesel	6044.985778	6044.985778	0	1.151662511	0.027320044	0.028555335
Sonoma	2029	LHDT2	Aggregate	35	Electricity	277.1939597	0	277.1939597	0	0	0
Sonoma	2029	LHDT2	Aggregate	40	Gasoline	502.6003699	502.6003699	0	0.094925501	0.000723997	0.000787413
Sonoma	2029	LHDT2	Aggregate	40	Diesel	3188.081988	3188.081988	0	1.110230946	0.023423071	0.024482159
Sonoma	2029	LHDT2	Aggregate	40	Electricity	128.9750129	0	128.9750129	0	0	0
Sonoma	2029	LHDT2	Aggregate	45	Gasoline	567.8505748	567.8505748	0	0.094245636	0.000699369	0.000760627
Sonoma	2029	LHDT2	Aggregate	45	Diesel	3230.242602	3230.242602	0	1.089027896	0.020619259	0.02155157
Sonoma	2029	LHDT2	Aggregate	45	Electricity	132.4880278	0	132.4880278	0	0	0
Sonoma	2030	HHDT	Aggregate	5	Gasoline	1.59265677	1.59265677	0	6.798647984	0.008243081	0.008965102
Sonoma	2030	HHDT	Aggregate	5	Diesel	434.8707966	434.8707966	0	15.79839979	0.085517525	0.089384248
Sonoma	2030	HHDT	Aggregate	5	Electricity	36.83641013	0	36.83641013	0	0	0
Sonoma	2030	HHDT	Aggregate	5	Natural Gas	2.16349932	2.16349932	0	1.897169779	0.008012823	0.008714676
Sonoma	2030	HHDT	Aggregate	35	Gasoline	2.316511379	2.316511379	0	3.705641492	0.001141989	0.001242017
Sonoma	2030	HHDT	Aggregate	35	Diesel	7435.796005	7435.796005	0	2.313033028	0.009359977	0.009783194
Sonoma	2030	HHDT	Aggregate	35	Electricity	580.2802088	0	580.2802088	0	0	0
Sonoma	2030	HHDT	Aggregate	35	Natural Gas	824.8953604	824.8953604	0	0.499459512	0.001622455	0.001764568
Sonoma	2030	HHDT	Aggregate	40	Gasoline	2.323187109	2.323187109	0	3.538324695	0.000989583	0.001076262
Sonoma	2030	HHDT	Aggregate	40	Diesel	8749.279716	8749.279716	0	1.865660433	0.010278751	0.01074351
Sonoma	2030	HHDT	Aggregate	40	Electricity	670.1853909	0	670.1853909	0	0	0
Sonoma	2030	HHDT	Aggregate	40	Natural Gas	884.083669	884.083669	0	0.446624399	0.001402118	0.001524931
Sonoma	2030	HHDT	Aggregate	45	Gasoline	2.395428497	2.395428497	0	3.450465302	0.000906205	0.000985581
Sonoma	2030	HHDT	Aggregate	45	Diesel	9420.847396	9420.847396	0	1.617996661	0.012420504	0.012982104
Sonoma	2030	HHDT	Aggregate	45	Electricity	713.8120622	0	713.8120622	0	0	0
Sonoma	2030	HHDT	Aggregate	45	Natural Gas	890.3258331	890.3258331	0	0.406911146	0.001283029	0.001395411

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2030	LHDT1	Aggregate	5	Gasoline	7026.641808	7026.641808	0	0.224907752	0.004003386	0.004354048
Sonoma	2030	LHDT1	Aggregate	5	Diesel	4233.807331	4233.807331	0	2.25589856	0.092101368	0.096265783
Sonoma	2030	LHDT1	Aggregate	5	Electricity	667.2761582	0	667.2761582	0	0	0
Sonoma	2030	LHDT1	Aggregate	35	Gasoline	11578.87687	11578.87687	0	0.144655171	0.000993876	0.00108093
Sonoma	2030	LHDT1	Aggregate	35	Diesel	13925.44556	13925.44556	0	1.618901745	0.030087558	0.031447983
Sonoma	2030	LHDT1	Aggregate	35	Electricity	1416.063737	0	1416.063737	0	0	0
Sonoma	2030	LHDT1	Aggregate	40	Gasoline	3164.604281	3164.604281	0	0.14686605	0.000907157	0.000986616
Sonoma	2030	LHDT1	Aggregate	40	Diesel	7346.458551	7346.458551	0	1.600331007	0.025732038	0.026895527
Sonoma	2030	LHDT1	Aggregate	40	Electricity	548.7378862	0	548.7378862	0	0	0
Sonoma	2030	LHDT1	Aggregate	45	Gasoline	3588.800052	3588.800052	0	0.145634575	0.000871335	0.000947656
Sonoma	2030	LHDT1	Aggregate	45	Diesel	7447.444411	7447.444411	0	1.599468784	0.022666345	0.023691216
Sonoma	2030	LHDT1	Aggregate	45	Electricity	580.1924265	0	580.1924265	0	0	0
Sonoma	2030	LHDT2	Aggregate	5	Gasoline	1066.04419	1066.04419	0	0.136886227	0.00259095	0.002817895
Sonoma	2030	LHDT2	Aggregate	5	Diesel	1761.42373	1761.42373	0	1.872903357	0.077353374	0.08085095
Sonoma	2030	LHDT2	Aggregate	5	Electricity	141.2335494	0	141.2335494	0	0	0
Sonoma	2030	LHDT2	Aggregate	35	Gasoline	1752.76465	1752.76465	0	0.085003099	0.000780831	0.000849224
Sonoma	2030	LHDT2	Aggregate	35	Diesel	5786.635253	5786.635253	0	1.103993523	0.026796229	0.028007835
Sonoma	2030	LHDT2	Aggregate	35	Electricity	373.0024167	0	373.0024167	0	0	0
Sonoma	2030	LHDT2	Aggregate	40	Gasoline	477.5265806	477.5265806	0	0.086166142	0.000718368	0.000781291
Sonoma	2030	LHDT2	Aggregate	40	Diesel	3051.610964	3051.610964	0	1.063533701	0.022999793	0.024039742
Sonoma	2030	LHDT2	Aggregate	40	Electricity	173.5947029	0	173.5947029	0	0	0
Sonoma	2030	LHDT2	Aggregate	45	Gasoline	539.5467691	539.5467691	0	0.085574899	0.000694836	0.000755698
Sonoma	2030	LHDT2	Aggregate	45	Diesel	3091.598768	3091.598768	0	1.04296055	0.020261153	0.021177273
Sonoma	2030	LHDT2	Aggregate	45	Electricity	178.3256325	0	178.3256325	0	0	0
Sonoma	2031	HHDT	Aggregate	5	Gasoline	1.614965471	1.614965471	0	6.196083641	0.007940593	0.008636119
Sonoma	2031	HHDT	Aggregate	5	Diesel	423.2242071	423.2242071	0	15.00324944	0.077196357	0.080686834
Sonoma	2031	HHDT	Aggregate	5	Electricity	48.37663677	0	48.37663677	0	0	0
Sonoma	2031	HHDT	Aggregate	5	Natural Gas	2.158064905	2.158064905	0	1.821178535	0.008075806	0.008783176
Sonoma	2031	HHDT	Aggregate	35	Gasoline	2.348447341	2.348447341	0	3.37636879	0.00109994	0.001196285
Sonoma	2031	HHDT	Aggregate	35	Diesel	7332.566501	7332.566501	0	2.207844686	0.008685045	0.009077744
Sonoma	2031	HHDT	Aggregate	35	Electricity	759.1786287	0	759.1786287	0	0	0
Sonoma	2031	HHDT	Aggregate	35	Natural Gas	829.3664219	829.3664219	0	0.466147804	0.001591281	0.001730663
Sonoma	2031	HHDT	Aggregate	40	Gasoline	2.355848286	2.355848286	0	3.224987007	0.000953298	0.001036799
Sonoma	2031	HHDT	Aggregate	40	Diesel	8636.428594	8636.428594	0	1.773115858	0.009720317	0.010159827
Sonoma	2031	HHDT	Aggregate	40	Electricity	876.4579675	0	876.4579675	0	0	0
Sonoma	2031	HHDT	Aggregate	40	Natural Gas	888.2196639	888.2196639	0	0.417515897	0.001370052	0.001490056
Sonoma	2031	HHDT	Aggregate	45	Gasoline	2.428550454	2.428550454	0	3.144033772	0.00087286	0.000949314
Sonoma	2031	HHDT	Aggregate	45	Diesel	9304.724218	9304.724218	0	1.529329089	0.011918357	0.012457252
Sonoma	2031	HHDT	Aggregate	45	Electricity	933.4928634	0	933.4928634	0	0	0
Sonoma	2031	HHDT	Aggregate	45	Natural Gas	893.8276869	893.8276869	0	0.380926199	0.00124935	0.001358783
Sonoma	2031	LHDT1	Aggregate	5	Gasoline	6728.48451	6728.48451	0	0.206571107	0.003824695	0.004159705
Sonoma	2031	LHDT1	Aggregate	5	Diesel	3992.574828	3992.574828	0	2.139936851	0.087655812	0.091619218
Sonoma	2031	LHDT1	Aggregate	5	Electricity	862.6303529	0	862.6303529	0	0	0
Sonoma	2031	LHDT1	Aggregate	35	Gasoline	11086.40208	11086.40208	0	0.126209168	0.000968357	0.001053176
Sonoma	2031	LHDT1	Aggregate	35	Diesel	13127.68491	13127.68491	0	1.511179374	0.028944935	0.030253696

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2031	LHDT1	Aggregate	35	Electricity	1829.494497	0	1829.494497	0	0	0
Sonoma	2031	LHDT1	Aggregate	40	Gasoline	3029.55923	3029.55923	0	0.127044943	0.000883836	0.000961252
Sonoma	2031	LHDT1	Aggregate	40	Diesel	6924.862168	6924.862168	0	1.491336331	0.024770169	0.025890166
Sonoma	2031	LHDT1	Aggregate	40	Electricity	708.4866512	0	708.4866512	0	0	0
Sonoma	2031	LHDT1	Aggregate	45	Gasoline	3435.066804	3435.066804	0	0.125007219	0.000848886	0.000923241
Sonoma	2031	LHDT1	Aggregate	45	Diesel	7018.820789	7018.820789	0	1.489051442	0.021819434	0.022806012
Sonoma	2031	LHDT1	Aggregate	45	Electricity	749.2092636	0	749.2092636	0	0	0
Sonoma	2031	LHDT2	Aggregate	5	Gasoline	1011.105934	1011.105934	0	0.124618456	0.0024835	0.002701033
Sonoma	2031	LHDT2	Aggregate	5	Diesel	1683.295201	1683.295201	0	1.811768255	0.075161184	0.078559639
Sonoma	2031	LHDT2	Aggregate	5	Electricity	182.2683027	0	182.2683027	0	0	0
Sonoma	2031	LHDT2	Aggregate	35	Gasoline	1662.439381	1662.439381	0	0.076097514	0.000772888	0.000840587
Sonoma	2031	LHDT2	Aggregate	35	Diesel	5528.592208	5528.592208	0	1.06004356	0.026258181	0.027445459
Sonoma	2031	LHDT2	Aggregate	35	Electricity	481.589295	0	481.589295	0	0	0
Sonoma	2031	LHDT2	Aggregate	40	Gasoline	452.9193209	452.9193209	0	0.076894649	0.000711716	0.000774056
Sonoma	2031	LHDT2	Aggregate	40	Diesel	2915.297292	2915.297292	0	1.02043489	0.022555533	0.023575394
Sonoma	2031	LHDT2	Aggregate	40	Electricity	224.1961392	0	224.1961392	0	0	0
Sonoma	2031	LHDT2	Aggregate	45	Gasoline	511.7450541	511.7450541	0	0.076156447	0.00068893	0.000749274
Sonoma	2031	LHDT2	Aggregate	45	Diesel	2953.106273	2953.106273	0	1.000363695	0.019875101	0.020773765
Sonoma	2031	LHDT2	Aggregate	45	Electricity	230.3057669	0	230.3057669	0	0	0
Sonoma	2032	HHDT	Aggregate	5	Gasoline	1.603058507	1.603058507	0	4.868024727	0.007237739	0.007871701
Sonoma	2032	HHDT	Aggregate	5	Diesel	411.9259488	411.9259488	0	14.36956111	0.07074912	0.073948081
Sonoma	2032	HHDT	Aggregate	5	Electricity	59.44490223	0	59.44490223	0	0	0
Sonoma	2032	HHDT	Aggregate	5	Natural Gas	2.145986629	2.145986629	0	1.747378207	0.008136717	0.008849423
Sonoma	2032	HHDT	Aggregate	35	Gasoline	2.330434125	2.330434125	0	2.649640641	0.001002091	0.001089865
Sonoma	2032	HHDT	Aggregate	35	Diesel	7228.092306	7228.092306	0	2.121119677	0.008163573	0.008532694
Sonoma	2032	HHDT	Aggregate	35	Electricity	948.9164518	0	948.9164518	0	0	0
Sonoma	2032	HHDT	Aggregate	35	Natural Gas	829.5689542	829.5689542	0	0.428934671	0.001548249	0.001683862
Sonoma	2032	HHDT	Aggregate	40	Gasoline	2.338642269	2.338642269	0	2.534612046	0.000869017	0.000945135
Sonoma	2032	HHDT	Aggregate	40	Diesel	8521.949866	8521.949866	0	1.696424369	0.009290335	0.009710402
Sonoma	2032	HHDT	Aggregate	40	Electricity	1095.214876	0	1095.214876	0	0	0
Sonoma	2032	HHDT	Aggregate	40	Natural Gas	887.8614735	887.8614735	0	0.384785453	0.001325498	0.0014416
Sonoma	2032	HHDT	Aggregate	45	Gasoline	2.41005658	2.41005658	0	2.467891353	0.000795283	0.000864943
Sonoma	2032	HHDT	Aggregate	45	Diesel	9187.314446	9187.314446	0	1.455673087	0.011533797	0.012055304
Sonoma	2032	HHDT	Aggregate	45	Electricity	1166.370801	0	1166.370801	0	0	0
Sonoma	2032	HHDT	Aggregate	45	Natural Gas	892.8300463	892.8300463	0	0.351527247	0.001202178	0.001307479
Sonoma	2032	LHDT1	Aggregate	5	Gasoline	6435.996153	6435.996153	0	0.192160662	0.00368975	0.00401294
Sonoma	2032	LHDT1	Aggregate	5	Diesel	3762.687355	3762.687355	0	2.035014866	0.084035709	0.087835431
Sonoma	2032	LHDT1	Aggregate	5	Electricity	1079.110019	0	1079.110019	0	0	0
Sonoma	2032	LHDT1	Aggregate	35	Gasoline	10604.01269	10604.01269	0	0.111472076	0.000950526	0.001033783
Sonoma	2032	LHDT1	Aggregate	35	Diesel	12367.79777	12367.79777	0	1.408754699	0.028049875	0.029318166
Sonoma	2032	LHDT1	Aggregate	35	Electricity	2287.473132	0	2287.473132	0	0	0
Sonoma	2032	LHDT1	Aggregate	40	Gasoline	2897.558771	2897.558771	0	0.111459327	0.000868137	0.000944178
Sonoma	2032	LHDT1	Aggregate	40	Diesel	6523.340896	6523.340896	0	1.387040204	0.024013065	0.025098829
Sonoma	2032	LHDT1	Aggregate	40	Electricity	885.3841629	0	885.3841629	0	0	0
Sonoma	2032	LHDT1	Aggregate	45	Gasoline	3285.163717	3285.163717	0	0.109097901	0.000834426	0.000907515

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2032	LHDT1	Aggregate	45	Diesel	6610.707456	6610.707456	0	1.382789782	0.021147696	0.022103901
Sonoma	2032	LHDT1	Aggregate	45	Electricity	936.3842788	0	936.3842788	0	0	0
Sonoma	2032	LHDT2	Aggregate	5	Gasoline	956.1969493	956.1969493	0	0.113948157	0.002399024	0.002609158
Sonoma	2032	LHDT2	Aggregate	5	Diesel	1605.470118	1605.470118	0	1.754958138	0.073091552	0.076396428
Sonoma	2032	LHDT2	Aggregate	5	Electricity	227.6894583	0	227.6894583	0	0	0
Sonoma	2032	LHDT2	Aggregate	35	Gasoline	1572.174934	1572.174934	0	0.068920678	0.000769213	0.000836589
Sonoma	2032	LHDT2	Aggregate	35	Diesel	5271.688117	5271.688117	0	1.016507868	0.025777651	0.026943202
Sonoma	2032	LHDT2	Aggregate	35	Electricity	601.9013029	0	601.9013029	0	0	0
Sonoma	2032	LHDT2	Aggregate	40	Gasoline	428.3335611	428.3335611	0	0.069554489	0.000709118	0.000771231
Sonoma	2032	LHDT2	Aggregate	40	Diesel	2779.60837	2779.60837	0	0.977306691	0.022152423	0.023154057
Sonoma	2032	LHDT2	Aggregate	40	Electricity	280.2986001	0	280.2986001	0	0	0
Sonoma	2032	LHDT2	Aggregate	45	Gasoline	483.9741086	483.9741086	0	0.068833627	0.000687093	0.000747277
Sonoma	2032	LHDT2	Aggregate	45	Diesel	2815.287282	2815.287282	0	0.957350636	0.019517609	0.020400108
Sonoma	2032	LHDT2	Aggregate	45	Electricity	287.9324607	0	287.9324607	0	0	0
Sonoma	2033	HHDT	Aggregate	5	Gasoline	1.620280979	1.620280979	0	4.808440533	0.007212385	0.007844127
Sonoma	2033	HHDT	Aggregate	5	Diesel	399.5356428	399.5356428	0	13.66343492	0.062544387	0.065372366
Sonoma	2033	HHDT	Aggregate	5	Electricity	71.38144669	0	71.38144669	0	0	0
Sonoma	2033	HHDT	Aggregate	5	Natural Gas	2.133219872	2.133219872	0	1.676669225	0.008194353	0.008912107
Sonoma	2033	HHDT	Aggregate	35	Gasoline	2.355129775	2.355129775	0	2.616940826	0.000998552	0.001086016
Sonoma	2033	HHDT	Aggregate	35	Diesel	7115.445821	7115.445821	0	2.030618808	0.007541827	0.007882835
Sonoma	2033	HHDT	Aggregate	35	Electricity	1151.385913	0	1151.385913	0	0	0
Sonoma	2033	HHDT	Aggregate	35	Natural Gas	825.2354239	825.2354239	0	0.402789878	0.001523711	0.001657175
Sonoma	2033	HHDT	Aggregate	40	Gasoline	2.363847364	2.363847364	0	2.503679687	0.000865978	0.000941831
Sonoma	2033	HHDT	Aggregate	40	Diesel	8398.619576	8398.619576	0	1.616575294	0.008782239	0.009179333
Sonoma	2033	HHDT	Aggregate	40	Electricity	1327.889858	0	1327.889858	0	0	0
Sonoma	2033	HHDT	Aggregate	40	Natural Gas	882.6689473	882.6689473	0	0.362007747	0.001299873	0.001413731
Sonoma	2033	HHDT	Aggregate	45	Gasoline	2.435661394	2.435661394	0	2.437489967	0.000792479	0.000861893
Sonoma	2033	HHDT	Aggregate	45	Diesel	9060.755667	9060.755667	0	1.378816328	0.011080268	0.011581268
Sonoma	2033	HHDT	Aggregate	45	Electricity	1413.5316	0	1413.5316	0	0	0
Sonoma	2033	HHDT	Aggregate	45	Natural Gas	887.0666843	887.0666843	0	0.331208458	0.001175063	0.001277988
Sonoma	2033	LHDT1	Aggregate	5	Gasoline	6134.140311	6134.140311	0	0.181485082	0.00347656	0.003781076
Sonoma	2033	LHDT1	Aggregate	5	Diesel	3535.661899	3535.661899	0	1.933525881	0.080718366	0.084368092
Sonoma	2033	LHDT1	Aggregate	5	Electricity	1314.990389	0	1314.990389	0	0	0
Sonoma	2033	LHDT1	Aggregate	35	Gasoline	10106.14501	10106.14501	0	0.105435773	0.000931089	0.001012644
Sonoma	2033	LHDT1	Aggregate	35	Diesel	11617.39604	11617.39604	0	1.306952266	0.027247014	0.028479003
Sonoma	2033	LHDT1	Aggregate	35	Electricity	2786.332698	0	2786.332698	0	0	0
Sonoma	2033	LHDT1	Aggregate	40	Gasoline	2761.311679	2761.311679	0	0.105479107	0.000852069	0.000926702
Sonoma	2033	LHDT1	Aggregate	40	Diesel	6126.8359	6126.8359	0	1.283004602	0.02333043	0.024385328
Sonoma	2033	LHDT1	Aggregate	40	Electricity	1078.006908	0	1078.006908	0	0	0
Sonoma	2033	LHDT1	Aggregate	45	Gasoline	3130.423429	3130.423429	0	0.103307693	0.000820425	0.000892287
Sonoma	2033	LHDT1	Aggregate	45	Diesel	6207.699858	6207.699858	0	1.276422789	0.020537414	0.021466025
Sonoma	2033	LHDT1	Aggregate	45	Electricity	1140.212269	0	1140.212269	0	0	0
Sonoma	2033	LHDT2	Aggregate	5	Gasoline	903.0506618	903.0506618	0	0.10518674	0.002327441	0.002531304
Sonoma	2033	LHDT2	Aggregate	5	Diesel	1528.588291	1528.588291	0	1.706204615	0.071605401	0.07484308
Sonoma	2033	LHDT2	Aggregate	5	Electricity	277.1014439	0	277.1014439	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2033	LHDT2	Aggregate	35	Gasoline	1484.816505	1484.816505	0	0.063971918	0.000768715	0.000836047
Sonoma	2033	LHDT2	Aggregate	35	Diesel	5018.381305	5018.381305	0	0.979485934	0.025463754	0.026615112
Sonoma	2033	LHDT2	Aggregate	35	Electricity	732.8929277	0	732.8929277	0	0	0
Sonoma	2033	LHDT2	Aggregate	40	Gasoline	404.5425636	404.5425636	0	0.064648033	0.000709582	0.000771735
Sonoma	2033	LHDT2	Aggregate	40	Diesel	2645.901105	2645.901105	0	0.94066358	0.021891086	0.022880904
Sonoma	2033	LHDT2	Aggregate	40	Electricity	341.4152794	0	341.4152794	0	0	0
Sonoma	2033	LHDT2	Aggregate	45	Gasoline	457.1051438	457.1051438	0	0.064078714	0.000688342	0.000748635
Sonoma	2033	LHDT2	Aggregate	45	Diesel	2679.618252	2679.618252	0	0.920871848	0.019287165	0.020159245
Sonoma	2033	LHDT2	Aggregate	45	Electricity	350.7055726	0	350.7055726	0	0	0
Sonoma	2034	HHDT	Aggregate	5	Gasoline	1.623516313	1.623516313	0	4.724154271	0.007195388	0.007825641
Sonoma	2034	HHDT	Aggregate	5	Diesel	387.1221205	387.1221205	0	13.0596546	0.055583159	0.058096383
Sonoma	2034	HHDT	Aggregate	5	Electricity	83.21627192	0	83.21627192	0	0	0
Sonoma	2034	HHDT	Aggregate	5	Natural Gas	2.107219029	2.107219029	0	1.61042536	0.008248477	0.008970971
Sonoma	2034	HHDT	Aggregate	35	Gasoline	2.359502805	2.359502805	0	2.570815732	0.000996175	0.001083431
Sonoma	2034	HHDT	Aggregate	35	Diesel	7001.665189	7001.665189	0	1.951446886	0.007046453	0.007365062
Sonoma	2034	HHDT	Aggregate	35	Electricity	1357.806973	0	1357.806973	0	0	0
Sonoma	2034	HHDT	Aggregate	35	Natural Gas	818.6066609	818.6066609	0	0.380426595	0.001503189	0.001634855
Sonoma	2034	HHDT	Aggregate	40	Gasoline	2.368644555	2.368644555	0	2.459879094	0.000863942	0.000939616
Sonoma	2034	HHDT	Aggregate	40	Diesel	8273.811504	8273.811504	0	1.546403564	0.008381606	0.008760585
Sonoma	2034	HHDT	Aggregate	40	Electricity	1565.237434	0	1565.237434	0	0	0
Sonoma	2034	HHDT	Aggregate	40	Natural Gas	875.041157	875.041157	0	0.34254299	0.001278419	0.001390398
Sonoma	2034	HHDT	Aggregate	45	Gasoline	2.440247116	2.440247116	0	2.394580109	0.000790596	0.000859845
Sonoma	2034	HHDT	Aggregate	45	Diesel	8932.629805	8932.629805	0	1.311059015	0.010726533	0.01121154
Sonoma	2034	HHDT	Aggregate	45	Electricity	1665.48977	0	1665.48977	0	0	0
Sonoma	2034	HHDT	Aggregate	45	Natural Gas	878.9822299	878.9822299	0	0.313855452	0.00115241	0.001253351
Sonoma	2034	LHDT1	Aggregate	5	Gasoline	5829.722021	5829.722021	0	0.166990878	0.003212823	0.003494238
Sonoma	2034	LHDT1	Aggregate	5	Diesel	3318.498984	3318.498984	0	1.845042447	0.077921758	0.081445034
Sonoma	2034	LHDT1	Aggregate	5	Electricity	1568.60599	0	1568.60599	0	0	0
Sonoma	2034	LHDT1	Aggregate	35	Gasoline	9603.986474	9603.986474	0	0.097206559	0.000903633	0.000982783
Sonoma	2034	LHDT1	Aggregate	35	Diesel	10900.1775	10900.1775	0	1.215383087	0.026608801	0.027811932
Sonoma	2034	LHDT1	Aggregate	35	Electricity	3322.635228	0	3322.635228	0	0	0
Sonoma	2034	LHDT1	Aggregate	40	Gasoline	2623.865394	2623.865394	0	0.097289903	0.000828794	0.000901389
Sonoma	2034	LHDT1	Aggregate	40	Diesel	5747.963093	5747.963093	0	1.189070233	0.022781072	0.023811131
Sonoma	2034	LHDT1	Aggregate	40	Electricity	1285.060654	0	1285.060654	0	0	0
Sonoma	2034	LHDT1	Aggregate	45	Gasoline	2974.288535	2974.288535	0	0.095338081	0.000799578	0.000869614
Sonoma	2034	LHDT1	Aggregate	45	Diesel	5822.778996	5822.778996	0	1.180066733	0.020038275	0.020944317
Sonoma	2034	LHDT1	Aggregate	45	Electricity	1359.318907	0	1359.318907	0	0	0
Sonoma	2034	LHDT2	Aggregate	5	Gasoline	850.5322966	850.5322966	0	0.096814162	0.002266624	0.002465161
Sonoma	2034	LHDT2	Aggregate	5	Diesel	1451.044154	1451.044154	0	1.666578284	0.070105176	0.073275021
Sonoma	2034	LHDT2	Aggregate	5	Electricity	330.1875138	0	330.1875138	0	0	0
Sonoma	2034	LHDT2	Aggregate	35	Gasoline	1398.472474	1398.472474	0	0.059240467	0.000769545	0.00083695
Sonoma	2034	LHDT2	Aggregate	35	Diesel	4762.771729	4762.771729	0	0.947242687	0.025186329	0.026325143
Sonoma	2034	LHDT2	Aggregate	35	Electricity	873.7228842	0	873.7228842	0	0	0
Sonoma	2034	LHDT2	Aggregate	40	Gasoline	381.0209348	381.0209348	0	0.059959319	0.000711181	0.000773474
Sonoma	2034	LHDT2	Aggregate	40	Diesel	2510.95792	2510.95792	0	0.90832125	0.021643899	0.02262254

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Sonoma	2034	LHDT2	Aggregate	40	Electricity	407.1530745	0	407.1530745	0	0	0
Sonoma	2034	LHDT2	Aggregate	45	Gasoline	430.5313402	430.5313402	0	0.059537264	0.000690615	0.000751107
Sonoma	2034	LHDT2	Aggregate	45	Diesel	2542.66086	2542.66086	0	0.88822287	0.019050569	0.019911951
Sonoma	2034	LHDT2	Aggregate	45	Electricity	418.2217377	0	418.2217377	0	0	0
Sonoma	2035	HHDT	Aggregate	5	Gasoline	1.614522071	1.614522071	0	4.688535882	0.007191238	0.007821127
Sonoma	2035	HHDT	Aggregate	5	Diesel	374.3506352	374.3506352	0	12.48509152	0.048900873	0.051111954
Sonoma	2035	HHDT	Aggregate	5	Electricity	95.13922558	0	95.13922558	0	0	0
Sonoma	2035	HHDT	Aggregate	5	Natural Gas	2.072771467	2.072771467	0	1.546971136	0.008300531	0.009027585
Sonoma	2035	HHDT	Aggregate	35	Gasoline	2.346150712	2.346150712	0	2.551280143	0.000995588	0.001082792
Sonoma	2035	HHDT	Aggregate	35	Diesel	6885.046107	6885.046107	0	1.876887585	0.006618561	0.006917823
Sonoma	2035	HHDT	Aggregate	35	Electricity	1569.044162	0	1569.044162	0	0	0
Sonoma	2035	HHDT	Aggregate	35	Natural Gas	809.7882014	809.7882014	0	0.359104954	0.001481626	0.001611403
Sonoma	2035	HHDT	Aggregate	40	Gasoline	2.355587949	2.355587949	0	2.441388543	0.000863447	0.000939077
Sonoma	2035	HHDT	Aggregate	40	Diesel	8145.952522	8145.952522	0	1.479970947	0.008040385	0.008403936
Sonoma	2035	HHDT	Aggregate	40	Electricity	1807.916432	0	1807.916432	0	0	0
Sonoma	2035	HHDT	Aggregate	40	Natural Gas	865.1268955	865.1268955	0	0.323942596	0.001255652	0.001365637
Sonoma	2035	HHDT	Aggregate	45	Gasoline	2.426491857	2.426491857	0	2.376416509	0.000790131	0.00085934
Sonoma	2035	HHDT	Aggregate	45	Diesel	8801.459747	8801.459747	0	1.246669198	0.010429473	0.010901047
Sonoma	2035	HHDT	Aggregate	45	Electricity	1922.784627	0	1922.784627	0	0	0
Sonoma	2035	HHDT	Aggregate	45	Natural Gas	868.737965	868.737965	0	0.297255869	0.001128167	0.001226984
Sonoma	2035	LHDT1	Aggregate	5	Gasoline	5520.959313	5520.959313	0	0.152848014	0.002936098	0.003193274
Sonoma	2035	LHDT1	Aggregate	5	Diesel	3101.928294	3101.928294	0	1.75205662	0.074747175	0.07812691
Sonoma	2035	LHDT1	Aggregate	5	Electricity	1837.773422	0	1837.773422	0	0	0
Sonoma	2035	LHDT1	Aggregate	35	Gasoline	9094.760368	9094.760368	0	0.089160292	0.000873244	0.000949733
Sonoma	2035	LHDT1	Aggregate	35	Diesel	10185.15812	10185.15812	0	1.125118652	0.025837203	0.027005446
Sonoma	2035	LHDT1	Aggregate	35	Electricity	3891.75417	0	3891.75417	0	0	0
Sonoma	2035	LHDT1	Aggregate	40	Gasoline	2484.522889	2484.522889	0	0.089265152	0.000802786	0.000873103
Sonoma	2035	LHDT1	Aggregate	40	Diesel	5370.293067	5370.293067	0	1.097072871	0.022122969	0.023123272
Sonoma	2035	LHDT1	Aggregate	40	Electricity	1504.755609	0	1504.755609	0	0	0
Sonoma	2035	LHDT1	Aggregate	45	Gasoline	2816.049624	2816.049624	0	0.087508981	0.000776045	0.000844019
Sonoma	2035	LHDT1	Aggregate	45	Diesel	5439.149083	5439.149083	0	1.086150526	0.019447818	0.020327162
Sonoma	2035	LHDT1	Aggregate	45	Electricity	1591.810109	0	1591.810109	0	0	0
Sonoma	2035	LHDT2	Aggregate	5	Gasoline	797.9676205	797.9676205	0	0.08815523	0.00218485	0.002376224
Sonoma	2035	LHDT2	Aggregate	5	Diesel	1373.22713	1373.22713	0	1.629536857	0.068747893	0.071856368
Sonoma	2035	LHDT2	Aggregate	5	Electricity	386.4826062	0	386.4826062	0	0	0
Sonoma	2035	LHDT2	Aggregate	35	Gasoline	1312.033997	1312.033997	0	0.054323181	0.000766809	0.000833975
Sonoma	2035	LHDT2	Aggregate	35	Diesel	4506.47463	4506.47463	0	0.921767539	0.024918666	0.026045378
Sonoma	2035	LHDT2	Aggregate	35	Electricity	1023.169681	0	1023.169681	0	0	0
Sonoma	2035	LHDT2	Aggregate	40	Gasoline	357.4664686	357.4664686	0	0.055061939	0.000709525	0.000771673
Sonoma	2035	LHDT2	Aggregate	40	Diesel	2375.687636	2375.687636	0	0.883308001	0.02141075	0.022378849
Sonoma	2035	LHDT2	Aggregate	40	Electricity	476.9457481	0	476.9457481	0	0	0
Sonoma	2035	LHDT2	Aggregate	45	Gasoline	403.9110961	403.9110961	0	0.054766303	0.000689747	0.000750162
Sonoma	2035	LHDT2	Aggregate	45	Diesel	2405.43175	2405.43175	0	0.863376429	0.018833114	0.019684664
Sonoma	2035	LHDT2	Aggregate	45	Electricity	489.8986021	0	489.8986021	0	0	0
Sonoma	2036	HHDT	Aggregate	5	Gasoline	1.596906365	1.596906365	0	4.653454785	0.007190591	0.007820423

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2036	HHDT	Aggregate	5	Diesel	362.7661815	362.7661815	0	11.90334533	0.043470454	0.045435995
Sonoma	2036	HHDT	Aggregate	5	Electricity	105.8001535	0	105.8001535	0	0	0
Sonoma	2036	HHDT	Aggregate	5	Natural Gas	2.041209314	2.041209314	0	1.481779101	0.008354428	0.009086203
Sonoma	2036	HHDT	Aggregate	35	Gasoline	2.320302867	2.320302867	0	2.532153207	0.000995487	0.001082683
Sonoma	2036	HHDT	Aggregate	35	Diesel	6770.541184	6770.541184	0	1.81224833	0.006435635	0.006726626
Sonoma	2036	HHDT	Aggregate	35	Electricity	1771.495465	0	1771.495465	0	0	0
Sonoma	2036	HHDT	Aggregate	35	Natural Gas	799.9416125	799.9416125	0	0.344329744	0.001473985	0.001603093
Sonoma	2036	HHDT	Aggregate	40	Gasoline	2.329945003	2.329945003	0	2.42314455	0.000863371	0.000938995
Sonoma	2036	HHDT	Aggregate	40	Diesel	8020.039654	8020.039654	0	1.421418796	0.007902968	0.008260305
Sonoma	2036	HHDT	Aggregate	40	Electricity	2040.668901	0	2040.668901	0	0	0
Sonoma	2036	HHDT	Aggregate	40	Natural Gas	854.3063732	854.3063732	0	0.311192092	0.00124685	0.001356063
Sonoma	2036	HHDT	Aggregate	45	Gasoline	2.3998067	2.3998067	0	2.358611353	0.000790053	0.000859255
Sonoma	2036	HHDT	Aggregate	45	Diesel	8671.503997	8671.503997	0	1.189203457	0.010315229	0.010781638
Sonoma	2036	HHDT	Aggregate	45	Electricity	2169.308143	0	2169.308143	0	0	0
Sonoma	2036	HHDT	Aggregate	45	Natural Gas	857.6976533	857.6976533	0	0.285967327	0.001118408	0.00121637
Sonoma	2036	LHDT1	Aggregate	5	Gasoline	5239.977226	5239.977226	0	0.135645659	0.002834635	0.003082924
Sonoma	2036	LHDT1	Aggregate	5	Diesel	2901.347502	2901.347502	0	1.65974212	0.071918893	0.075170746
Sonoma	2036	LHDT1	Aggregate	5	Electricity	2092.335089	0	2092.335089	0	0	0
Sonoma	2036	LHDT1	Aggregate	35	Gasoline	8631.521492	8631.521492	0	0.079365476	0.000866145	0.000942012
Sonoma	2036	LHDT1	Aggregate	35	Diesel	9523.313032	9523.313032	0	1.039022807	0.025121919	0.026257821
Sonoma	2036	LHDT1	Aggregate	35	Electricity	4429.161359	0	4429.161359	0	0	0
Sonoma	2036	LHDT1	Aggregate	40	Gasoline	2357.829985	2357.829985	0	0.079494498	0.000797177	0.000867002
Sonoma	2036	LHDT1	Aggregate	40	Diesel	5020.774116	5020.774116	0	1.00967496	0.02151929	0.022492297
Sonoma	2036	LHDT1	Aggregate	40	Electricity	1711.879696	0	1711.879696	0	0	0
Sonoma	2036	LHDT1	Aggregate	45	Gasoline	2672.261891	2672.261891	0	0.077973979	0.0007714	0.000838968
Sonoma	2036	LHDT1	Aggregate	45	Diesel	5084.223077	5084.223077	0	0.997211199	0.018913465	0.019768648
Sonoma	2036	LHDT1	Aggregate	45	Electricity	1811.053472	0	1811.053472	0	0	0
Sonoma	2036	LHDT2	Aggregate	5	Gasoline	747.3957835	747.3957835	0	0.080248982	0.002140678	0.002328183
Sonoma	2036	LHDT2	Aggregate	5	Diesel	1298.235217	1298.235217	0	1.585147214	0.067929003	0.071000451
Sonoma	2036	LHDT2	Aggregate	5	Electricity	439.5483027	0	439.5483027	0	0	0
Sonoma	2036	LHDT2	Aggregate	35	Gasoline	1228.919123	1228.919123	0	0.049825797	0.000768786	0.000836125
Sonoma	2036	LHDT2	Aggregate	35	Diesel	4259.370129	4259.370129	0	0.890480874	0.024739256	0.025857855
Sonoma	2036	LHDT2	Aggregate	35	Electricity	1164.090096	0	1164.090096	0	0	0
Sonoma	2036	LHDT2	Aggregate	40	Gasoline	334.8357504	334.8357504	0	0.050584463	0.000712004	0.000774369
Sonoma	2036	LHDT2	Aggregate	40	Diesel	2245.250097	2245.250097	0	0.85245236	0.021264306	0.022225783
Sonoma	2036	LHDT2	Aggregate	40	Electricity	542.7713799	0	542.7713799	0	0	0
Sonoma	2036	LHDT2	Aggregate	45	Gasoline	378.3585675	378.3585675	0	0.050406079	0.000692719	0.000753395
Sonoma	2036	LHDT2	Aggregate	45	Diesel	2273.073453	2273.073453	0	0.832578866	0.018705716	0.019551506
Sonoma	2036	LHDT2	Aggregate	45	Electricity	557.4989854	0	557.4989854	0	0	0
Sonoma	2037	HHDT	Aggregate	5	Gasoline	1.567684689	1.567684689	0	4.554380725	0.007184987	0.007814329
Sonoma	2037	HHDT	Aggregate	5	Diesel	351.6754038	351.6754038	0	11.28355191	0.037690348	0.039394538
Sonoma	2037	HHDT	Aggregate	5	Electricity	115.9459793	0	115.9459793	0	0	0
Sonoma	2037	HHDT	Aggregate	5	Natural Gas	2.010202061	2.010202061	0	1.416997661	0.008408371	0.00914487
Sonoma	2037	HHDT	Aggregate	35	Gasoline	2.27758891	2.27758891	0	2.478116819	0.000994698	0.001081825
Sonoma	2037	HHDT	Aggregate	35	Diesel	6668.993466	6668.993466	0	1.74663993	0.006252018	0.006534707

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2037	HHDT	Aggregate	35	Electricity	1962.295526	0	1962.295526	0	0	0
Sonoma	2037	HHDT	Aggregate	35	Natural Gas	789.6763361	789.6763361	0	0.330217341	0.001468127	0.001596723
Sonoma	2037	HHDT	Aggregate	40	Gasoline	2.287369143	2.287369143	0	2.371602167	0.000862701	0.000938266
Sonoma	2037	HHDT	Aggregate	40	Diesel	7909.238092	7909.238092	0	1.362138614	0.007765938	0.008117079
Sonoma	2037	HHDT	Aggregate	40	Electricity	2259.83972	0	2259.83972	0	0	0
Sonoma	2037	HHDT	Aggregate	40	Natural Gas	843.0649496	843.0649496	0	0.298967263	0.00124003	0.001348646
Sonoma	2037	HHDT	Aggregate	45	Gasoline	2.355678033	2.355678033	0	2.308305753	0.000789429	0.000858576
Sonoma	2037	HHDT	Aggregate	45	Diesel	8557.556057	8557.556057	0	1.131143309	0.010201334	0.010662593
Sonoma	2037	HHDT	Aggregate	45	Electricity	2401.432404	0	2401.432404	0	0	0
Sonoma	2037	HHDT	Aggregate	45	Natural Gas	846.2591755	846.2591755	0	0.275105742	0.00111084	0.00120814
Sonoma	2037	LHDT1	Aggregate	5	Gasoline	4986.659902	4986.659902	0	0.121534449	0.002754672	0.002995958
Sonoma	2037	LHDT1	Aggregate	5	Diesel	2713.093096	2713.093096	0	1.560764615	0.06874114	0.071849309
Sonoma	2037	LHDT1	Aggregate	5	Electricity	2326.563849	0	2326.563849	0	0	0
Sonoma	2037	LHDT1	Aggregate	35	Gasoline	8214.026473	8214.026473	0	0.071340296	0.000861058	0.000936479
Sonoma	2037	LHDT1	Aggregate	35	Diesel	8902.251066	8902.251066	0	0.951761568	0.024277095	0.025374798
Sonoma	2037	LHDT1	Aggregate	35	Electricity	4923.268704	0	4923.268704	0	0	0
Sonoma	2037	LHDT1	Aggregate	40	Gasoline	2243.699847	2243.699847	0	0.071507648	0.000793266	0.00086275
Sonoma	2037	LHDT1	Aggregate	40	Diesel	4692.811312	4692.811312	0	0.921634028	0.02080878	0.021749661
Sonoma	2037	LHDT1	Aggregate	40	Electricity	1902.167957	0	1902.167957	0	0	0
Sonoma	2037	LHDT1	Aggregate	45	Gasoline	2542.800242	2542.800242	0	0.070200029	0.000768275	0.000835569
Sonoma	2037	LHDT1	Aggregate	45	Diesel	4751.218047	4751.218047	0	0.90803952	0.018289075	0.019116026
Sonoma	2037	LHDT1	Aggregate	45	Electricity	2012.493883	0	2012.493883	0	0	0
Sonoma	2037	LHDT2	Aggregate	5	Gasoline	701.75046	701.75046	0	0.073947472	0.002111843	0.002296822
Sonoma	2037	LHDT2	Aggregate	5	Diesel	1225.136454	1225.136454	0	1.53157773	0.066693072	0.069708637
Sonoma	2037	LHDT2	Aggregate	5	Electricity	488.1918002	0	488.1918002	0	0	0
Sonoma	2037	LHDT2	Aggregate	35	Gasoline	1153.920238	1153.920238	0	0.046243929	0.000772441	0.0008401
Sonoma	2037	LHDT2	Aggregate	35	Diesel	4018.884057	4018.884057	0	0.854476249	0.02441857	0.025522669
Sonoma	2037	LHDT2	Aggregate	35	Electricity	1293.5843	0	1293.5843	0	0	0
Sonoma	2037	LHDT2	Aggregate	40	Gasoline	314.4223537	314.4223537	0	0.047034601	0.000715929	0.000778638
Sonoma	2037	LHDT2	Aggregate	40	Diesel	2118.370555	2118.370555	0	0.817400897	0.021000437	0.021949984
Sonoma	2037	LHDT2	Aggregate	40	Electricity	603.3605146	0	603.3605146	0	0	0
Sonoma	2037	LHDT2	Aggregate	45	Gasoline	355.3194702	355.3194702	0	0.04696692	0.00069701	0.000758062
Sonoma	2037	LHDT2	Aggregate	45	Diesel	2144.433717	2144.433717	0	0.798204562	0.018478809	0.019314339
Sonoma	2037	LHDT2	Aggregate	45	Electricity	619.7054959	0	619.7054959	0	0	0
Sonoma	2038	HHDT	Aggregate	5	Gasoline	1.533576757	1.533576757	0	4.489575582	0.00718452	0.007813821
Sonoma	2038	HHDT	Aggregate	5	Diesel	341.9445916	341.9445916	0	10.84597678	0.034203667	0.035750206
Sonoma	2038	HHDT	Aggregate	5	Electricity	124.4055548	0	124.4055548	0	0	0
Sonoma	2038	HHDT	Aggregate	5	Natural Gas	1.975590539	1.975590539	0	1.355462431	0.008459949	0.009200966
Sonoma	2038	HHDT	Aggregate	35	Gasoline	2.227833211	2.227833211	0	2.442832189	0.000994626	0.001081747
Sonoma	2038	HHDT	Aggregate	35	Diesel	6579.314341	6579.314341	0	1.69956268	0.006123425	0.006400299
Sonoma	2038	HHDT	Aggregate	35	Electricity	2142.108911	0	2142.108911	0	0	0
Sonoma	2038	HHDT	Aggregate	35	Natural Gas	777.7476605	777.7476605	0	0.316450531	0.001461717	0.001589751
Sonoma	2038	HHDT	Aggregate	40	Gasoline	2.237650491	2.237650491	0	2.337873101	0.000862646	0.000938207
Sonoma	2038	HHDT	Aggregate	40	Diesel	7811.647987	7811.647987	0	1.319667529	0.007667282	0.008013962
Sonoma	2038	HHDT	Aggregate	40	Electricity	2466.937542	0	2466.937542	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2038	HHDT	Aggregate	40	Natural Gas	830.0468036	830.0468036	0	0.286903041	0.001232962	0.001340958
Sonoma	2038	HHDT	Aggregate	45	Gasoline	2.30425523	2.30425523	0	2.275446407	0.000789373	0.000858515
Sonoma	2038	HHDT	Aggregate	45	Diesel	8457.45505	8457.45505	0	1.089693818	0.010118147	0.010575645
Sonoma	2038	HHDT	Aggregate	45	Electricity	2620.935765	0	2620.935765	0	0	0
Sonoma	2038	HHDT	Aggregate	45	Natural Gas	833.0257957	833.0257957	0	0.264257763	0.001103249	0.001199884
Sonoma	2038	LHDT1	Aggregate	5	Gasoline	4747.446275	4747.446275	0	0.103520024	0.002648973	0.002881
Sonoma	2038	LHDT1	Aggregate	5	Diesel	2538.473883	2538.473883	0	1.463640271	0.065524103	0.068486812
Sonoma	2038	LHDT1	Aggregate	5	Electricity	2540.53867	0	2540.53867	0	0	0
Sonoma	2038	LHDT1	Aggregate	35	Gasoline	7819.732909	7819.732909	0	0.06108036	0.000852169	0.000926811
Sonoma	2038	LHDT1	Aggregate	35	Diesel	8326.181901	8326.181901	0	0.872127389	0.023386001	0.024443412
Sonoma	2038	LHDT1	Aggregate	35	Electricity	5374.751056	0	5374.751056	0	0	0
Sonoma	2038	LHDT1	Aggregate	40	Gasoline	2135.895608	2135.895608	0	0.061276095	0.000785986	0.000854831
Sonoma	2038	LHDT1	Aggregate	40	Diesel	4388.609366	4388.609366	0	0.841906352	0.020061613	0.02096871
Sonoma	2038	LHDT1	Aggregate	40	Electricity	2076.081512	0	2076.081512	0	0	0
Sonoma	2038	LHDT1	Aggregate	45	Gasoline	2420.49246	2420.49246	0	0.060218434	0.000761992	0.000828736
Sonoma	2038	LHDT1	Aggregate	45	Diesel	4442.341887	4442.341887	0	0.827712413	0.017636116	0.018433543
Sonoma	2038	LHDT1	Aggregate	45	Electricity	2196.589618	0	2196.589618	0	0	0
Sonoma	2038	LHDT2	Aggregate	5	Gasoline	658.0739124	658.0739124	0	0.066767647	0.002082896	0.002265339
Sonoma	2038	LHDT2	Aggregate	5	Diesel	1155.913993	1155.913993	0	1.476146967	0.06531783	0.068271213
Sonoma	2038	LHDT2	Aggregate	5	Electricity	532.6387323	0	532.6387323	0	0	0
Sonoma	2038	LHDT2	Aggregate	35	Gasoline	1082.16349	1082.16349	0	0.042139712	0.000775932	0.000843897
Sonoma	2038	LHDT2	Aggregate	35	Diesel	3790.894947	3790.894947	0	0.820234278	0.024027961	0.025114398
Sonoma	2038	LHDT2	Aggregate	35	Electricity	1412.190492	0	1412.190492	0	0	0
Sonoma	2038	LHDT2	Aggregate	40	Gasoline	294.8942392	294.8942392	0	0.042943099	0.000719676	0.000782713
Sonoma	2038	LHDT2	Aggregate	40	Diesel	1998.041039	1998.041039	0	0.784349451	0.020678251	0.02161323
Sonoma	2038	LHDT2	Aggregate	40	Electricity	658.9449447	0	658.9449447	0	0	0
Sonoma	2038	LHDT2	Aggregate	45	Gasoline	333.2832467	333.2832467	0	0.042976274	0.000701102	0.000762513
Sonoma	2038	LHDT2	Aggregate	45	Diesel	2022.362029	2022.362029	0	0.765844682	0.018202373	0.019025403
Sonoma	2038	LHDT2	Aggregate	45	Electricity	676.7601866	0	676.7601866	0	0	0
Sonoma	2039	HHDT	Aggregate	5	Gasoline	1.494074683	1.494074683	0	4.413042962	0.007183965	0.007813217
Sonoma	2039	HHDT	Aggregate	5	Diesel	332.4013568	332.4013568	0	10.35743473	0.031305243	0.032720727
Sonoma	2039	HHDT	Aggregate	5	Electricity	132.6144593	0	132.6144593	0	0	0
Sonoma	2039	HHDT	Aggregate	5	Natural Gas	1.940890997	1.940890997	0	1.297080878	0.008509264	0.009254601
Sonoma	2039	HHDT	Aggregate	35	Gasoline	2.170274386	2.170274386	0	2.401177525	0.000994542	0.001081655
Sonoma	2039	HHDT	Aggregate	35	Diesel	6494.412384	6494.412384	0	1.653554962	0.006011297	0.006283101
Sonoma	2039	HHDT	Aggregate	35	Electricity	2318.50499	0	2318.50499	0	0	0
Sonoma	2039	HHDT	Aggregate	35	Natural Gas	765.1505695	765.1505695	0	0.304440109	0.001459567	0.001587412
Sonoma	2039	HHDT	Aggregate	40	Gasoline	2.180053502	2.180053502	0	2.298032582	0.000862581	0.000938136
Sonoma	2039	HHDT	Aggregate	40	Diesel	7719.608834	7719.608834	0	1.278430815	0.007579178	0.007921875
Sonoma	2039	HHDT	Aggregate	40	Electricity	2670.0622	0	2670.0622	0	0	0
Sonoma	2039	HHDT	Aggregate	40	Natural Gas	816.3597894	816.3597894	0	0.276324393	0.001230379	0.001338149
Sonoma	2039	HHDT	Aggregate	45	Gasoline	2.244755306	2.244755306	0	2.236650989	0.000789307	0.000858443
Sonoma	2039	HHDT	Aggregate	45	Diesel	8363.174756	8363.174756	0	1.04960063	0.010041768	0.010495812
Sonoma	2039	HHDT	Aggregate	45	Electricity	2836.213413	0	2836.213413	0	0	0
Sonoma	2039	HHDT	Aggregate	45	Natural Gas	819.2067503	819.2067503	0	0.254706797	0.001100458	0.001196848

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2039	LHDT1	Aggregate	5	Gasoline	4528.675216	4528.675216	0	0.084691858	0.002538112	0.002760428
Sonoma	2039	LHDT1	Aggregate	5	Diesel	2379.137869	2379.137869	0	1.36820728	0.062454421	0.065278333
Sonoma	2039	LHDT1	Aggregate	5	Electricity	2736.994279	0	2736.994279	0	0	0
Sonoma	2039	LHDT1	Aggregate	35	Gasoline	7459.180326	7459.180326	0	0.050362125	0.000841968	0.000915717
Sonoma	2039	LHDT1	Aggregate	35	Diesel	7800.81143	7800.81143	0	0.792268895	0.022539065	0.023558181
Sonoma	2039	LHDT1	Aggregate	35	Electricity	5789.460233	0	5789.460233	0	0	0
Sonoma	2039	LHDT1	Aggregate	40	Gasoline	2037.334223	2037.334223	0	0.050596828	0.000777514	0.000845618
Sonoma	2039	LHDT1	Aggregate	40	Diesel	4111.226848	4111.226848	0	0.761697619	0.019348273	0.020223116
Sonoma	2039	LHDT1	Aggregate	40	Electricity	2235.907545	0	2235.907545	0	0	0
Sonoma	2039	LHDT1	Aggregate	45	Gasoline	2308.694199	2308.694199	0	0.049810241	0.00075457	0.000820664
Sonoma	2039	LHDT1	Aggregate	45	Diesel	4160.776583	4160.776583	0	0.746666356	0.017009866	0.017778976
Sonoma	2039	LHDT1	Aggregate	45	Electricity	2365.753872	0	2365.753872	0	0	0
Sonoma	2039	LHDT2	Aggregate	5	Gasoline	617.8369251	617.8369251	0	0.060071848	0.002060309	0.002240774
Sonoma	2039	LHDT2	Aggregate	5	Diesel	1092.771096	1092.771096	0	1.423807802	0.063957334	0.0668492
Sonoma	2039	LHDT2	Aggregate	5	Electricity	573.4902581	0	573.4902581	0	0	0
Sonoma	2039	LHDT2	Aggregate	35	Gasoline	1016.078312	1016.078312	0	0.03830763	0.000779894	0.000848206
Sonoma	2039	LHDT2	Aggregate	35	Diesel	3583.167458	3583.167458	0	0.791815924	0.023621194	0.02468924
Sonoma	2039	LHDT2	Aggregate	35	Electricity	1521.401648	0	1521.401648	0	0	0
Sonoma	2039	LHDT2	Aggregate	40	Gasoline	276.9176384	276.9176384	0	0.039130509	0.000723807	0.000787206
Sonoma	2039	LHDT2	Aggregate	40	Diesel	1888.445647	1888.445647	0	0.75765257	0.020342903	0.021262719
Sonoma	2039	LHDT2	Aggregate	40	Electricity	710.1894894	0	710.1894894	0	0	0
Sonoma	2039	LHDT2	Aggregate	45	Gasoline	313.0083751	313.0083751	0	0.039265948	0.000705527	0.000767325
Sonoma	2039	LHDT2	Aggregate	45	Diesel	1911.247647	1911.247647	0	0.740463787	0.017916185	0.018726276
Sonoma	2039	LHDT2	Aggregate	45	Electricity	729.3498804	0	729.3498804	0	0	0
Sonoma	2040	HHDT	Aggregate	5	Gasoline	1.450426876	1.450426876	0	4.324325692	0.007183438	0.007812644
Sonoma	2040	HHDT	Aggregate	5	Diesel	323.7710663	323.7710663	0	10.03978993	0.029459714	0.030791752
Sonoma	2040	HHDT	Aggregate	5	Electricity	139.6307557	0	139.6307557	0	0	0
Sonoma	2040	HHDT	Aggregate	5	Natural Gas	1.90336262	1.90336262	0	1.24361116	0.008554811	0.009304137
Sonoma	2040	HHDT	Aggregate	35	Gasoline	2.106733607	2.106733607	0	2.352864916	0.000994463	0.001081569
Sonoma	2040	HHDT	Aggregate	35	Diesel	6419.609662	6419.609662	0	1.618343542	0.005927331	0.006195338
Sonoma	2040	HHDT	Aggregate	35	Electricity	2485.195574	0	2485.195574	0	0	0
Sonoma	2040	HHDT	Aggregate	35	Natural Gas	751.6736526	751.6736526	0	0.292226186	0.001453866	0.001581212
Sonoma	2040	HHDT	Aggregate	40	Gasoline	2.11639796	2.11639796	0	2.251852722	0.000862519	0.000938068
Sonoma	2040	HHDT	Aggregate	40	Diesel	7639.149552	7639.149552	0	1.246802319	0.007511314	0.007850943
Sonoma	2040	HHDT	Aggregate	40	Electricity	2862.198129	0	2862.198129	0	0	0
Sonoma	2040	HHDT	Aggregate	40	Natural Gas	801.7586993	801.7586993	0	0.265436708	0.001224147	0.001331372
Sonoma	2040	HHDT	Aggregate	45	Gasoline	2.17906045	2.17906045	0	2.191658504	0.000789245	0.000858376
Sonoma	2040	HHDT	Aggregate	45	Diesel	8281.172795	8281.172795	0	1.018937338	0.009981742	0.010433072
Sonoma	2040	HHDT	Aggregate	45	Electricity	3039.829633	0	3039.829633	0	0	0
Sonoma	2040	HHDT	Aggregate	45	Natural Gas	804.5259461	804.5259461	0	0.24478327	0.001093787	0.001189593
Sonoma	2040	LHDT1	Aggregate	5	Gasoline	4316.599196	4316.599196	0	0.067217528	0.002425913	0.002638402
Sonoma	2040	LHDT1	Aggregate	5	Diesel	2231.538651	2231.538651	0	1.272985995	0.059309685	0.061991406
Sonoma	2040	LHDT1	Aggregate	5	Electricity	2915.607349	0	2915.607349	0	0	0
Sonoma	2040	LHDT1	Aggregate	35	Gasoline	7109.665679	7109.665679	0	0.040440586	0.00083222	0.000905115
Sonoma	2040	LHDT1	Aggregate	35	Diesel	7314.252732	7314.252732	0	0.715881125	0.02164865	0.022627506

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2040	LHDT1	Aggregate	35	Electricity	6166.891322	0	6166.891322	0	0	0
Sonoma	2040	LHDT1	Aggregate	40	Gasoline	1941.791726	1941.791726	0	0.040743934	0.000769545	0.00083695
Sonoma	2040	LHDT1	Aggregate	40	Diesel	3854.355031	3854.355031	0	0.685359248	0.018599128	0.019440098
Sonoma	2040	LHDT1	Aggregate	40	Electricity	2381.522058	0	2381.522058	0	0	0
Sonoma	2040	LHDT1	Aggregate	45	Gasoline	2200.322277	2200.322277	0	0.040243394	0.000747715	0.000813209
Sonoma	2040	LHDT1	Aggregate	45	Diesel	3900.063278	3900.063278	0	0.669830527	0.016353917	0.017093368
Sonoma	2040	LHDT1	Aggregate	45	Electricity	2519.843595	0	2519.843595	0	0	0
Sonoma	2040	LHDT2	Aggregate	5	Gasoline	582.2866362	582.2866362	0	0.052587502	0.002032304	0.002210316
Sonoma	2040	LHDT2	Aggregate	5	Diesel	1035.964425	1035.964425	0	1.378305447	0.062928616	0.065773969
Sonoma	2040	LHDT2	Aggregate	5	Electricity	610.7233622	0	610.7233622	0	0	0
Sonoma	2040	LHDT2	Aggregate	35	Gasoline	957.6689587	957.6689587	0	0.034029334	0.000783468	0.000852093
Sonoma	2040	LHDT2	Aggregate	35	Diesel	3396.257054	3396.257054	0	0.765182098	0.02331678	0.024371061
Sonoma	2040	LHDT2	Aggregate	35	Electricity	1621.077676	0	1621.077676	0	0	0
Sonoma	2040	LHDT2	Aggregate	40	Gasoline	261.0206308	261.0206308	0	0.034876761	0.000727633	0.000791367
Sonoma	2040	LHDT2	Aggregate	40	Diesel	1789.828469	1789.828469	0	0.732146153	0.02008903	0.020997367
Sonoma	2040	LHDT2	Aggregate	40	Electricity	757.003684	0	757.003684	0	0	0
Sonoma	2040	LHDT2	Aggregate	45	Gasoline	295.067917	295.067917	0	0.035129484	0.000709698	0.000771862
Sonoma	2040	LHDT2	Aggregate	45	Diesel	1811.255705	1811.255705	0	0.715690056	0.017696831	0.018497004
Sonoma	2040	LHDT2	Aggregate	45	Electricity	777.3854444	0	777.3854444	0	0	0
Sonoma	2041	HHDT	Aggregate	5	Gasoline	1.404658672	1.404658672	0	4.249682254	0.00718202	0.007811102
Sonoma	2041	HHDT	Aggregate	5	Diesel	314.7831697	314.7831697	0	9.590979501	0.026714637	0.027922554
Sonoma	2041	HHDT	Aggregate	5	Electricity	146.9135164	0	146.9135164	0	0	0
Sonoma	2041	HHDT	Aggregate	5	Natural Gas	1.867373699	1.867373699	0	1.194552178	0.008597026	0.00935005
Sonoma	2041	HHDT	Aggregate	35	Gasoline	2.040147314	2.040147314	0	2.312243853	0.000994261	0.001081349
Sonoma	2041	HHDT	Aggregate	35	Diesel	6349.586611	6349.586611	0	1.576502933	0.00582834	0.006091872
Sonoma	2041	HHDT	Aggregate	35	Electricity	2648.220169	0	2648.220169	0	0	0
Sonoma	2041	HHDT	Aggregate	35	Natural Gas	737.8987015	737.8987015	0	0.278018873	0.001440825	0.001567028
Sonoma	2041	HHDT	Aggregate	40	Gasoline	2.049640393	2.049640393	0	2.21299079	0.00086235	0.000937884
Sonoma	2041	HHDT	Aggregate	40	Diesel	7564.732613	7564.732613	0	1.20949746	0.007432356	0.007768414
Sonoma	2041	HHDT	Aggregate	40	Electricity	3049.640619	0	3049.640619	0	0	0
Sonoma	2041	HHDT	Aggregate	40	Natural Gas	786.8810749	786.8810749	0	0.252717474	0.001209995	0.00131598
Sonoma	2041	HHDT	Aggregate	45	Gasoline	2.110208939	2.110208939	0	2.153823738	0.000789086	0.000858203
Sonoma	2041	HHDT	Aggregate	45	Diesel	8205.804541	8205.804541	0	0.982858516	0.009911195	0.010359335
Sonoma	2041	HHDT	Aggregate	45	Electricity	3238.252554	0	3238.252554	0	0	0
Sonoma	2041	HHDT	Aggregate	45	Natural Gas	789.6216233	789.6216233	0	0.233174538	0.001078423	0.001172884
Sonoma	2041	LHDT1	Aggregate	5	Gasoline	4122.032459	4122.032459	0	0.062676245	0.002390852	0.002600269
Sonoma	2041	LHDT1	Aggregate	5	Diesel	2097.622463	2097.622463	0	1.18466807	0.056593487	0.059152393
Sonoma	2041	LHDT1	Aggregate	5	Electricity	3078.144461	0	3078.144461	0	0	0
Sonoma	2041	LHDT1	Aggregate	35	Gasoline	6788.974909	6788.974909	0	0.037857629	0.000832847	0.000905797
Sonoma	2041	LHDT1	Aggregate	35	Diesel	6873.14299	6873.14299	0	0.641944532	0.020892425	0.021837088
Sonoma	2041	LHDT1	Aggregate	35	Electricity	6510.83951	0	6510.83951	0	0	0
Sonoma	2041	LHDT1	Aggregate	40	Gasoline	1854.115858	1854.115858	0	0.038177401	0.000770605	0.000838104
Sonoma	2041	LHDT1	Aggregate	40	Diesel	3621.535378	3621.535378	0	0.611037206	0.017957922	0.0187699
Sonoma	2041	LHDT1	Aggregate	40	Electricity	2514.414249	0	2514.414249	0	0	0
Sonoma	2041	LHDT1	Aggregate	45	Gasoline	2100.856813	2100.856813	0	0.03774981	0.000749162	0.000814782

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2041	LHDT1	Aggregate	45	Diesel	3663.859342	3663.859342	0	0.594683852	0.015787691	0.01650154
Sonoma	2041	LHDT1	Aggregate	45	Electricity	2660.429279	0	2660.429279	0	0	0
Sonoma	2041	LHDT2	Aggregate	5	Gasoline	550.0195423	550.0195423	0	0.048587373	0.002027721	0.002205332
Sonoma	2041	LHDT2	Aggregate	5	Diesel	984.701131	984.701131	0	1.338324005	0.062323686	0.065141687
Sonoma	2041	LHDT2	Aggregate	5	Electricity	644.7661828	0	644.7661828	0	0	0
Sonoma	2041	LHDT2	Aggregate	35	Gasoline	904.6507731	904.6507731	0	0.031714952	0.000789659	0.000858827
Sonoma	2041	LHDT2	Aggregate	35	Diesel	3227.590347	3227.590347	0	0.73589705	0.023157031	0.024204089
Sonoma	2041	LHDT2	Aggregate	35	Electricity	1712.309054	0	1712.309054	0	0	0
Sonoma	2041	LHDT2	Aggregate	40	Gasoline	246.5896916	246.5896916	0	0.032568714	0.000733678	0.000797942
Sonoma	2041	LHDT2	Aggregate	40	Diesel	1700.837725	1700.837725	0	0.702969825	0.019949355	0.020851376
Sonoma	2041	LHDT2	Aggregate	40	Electricity	799.8823143	0	799.8823143	0	0	0
Sonoma	2041	LHDT2	Aggregate	45	Gasoline	278.7803737	278.7803737	0	0.032876998	0.000715857	0.000778559
Sonoma	2041	LHDT2	Aggregate	45	Diesel	1721.025643	1721.025643	0	0.686302242	0.017569562	0.01836398
Sonoma	2041	LHDT2	Aggregate	45	Electricity	821.3766698	0	821.3766698	0	0	0
Sonoma	2042	HHDT	Aggregate	5	Gasoline	1.359832582	1.359832582	0	4.143580686	0.007183143	0.007812323
Sonoma	2042	HHDT	Aggregate	5	Diesel	305.9933681	305.9933681	0	9.16020742	0.024001729	0.02508698
Sonoma	2042	HHDT	Aggregate	5	Electricity	153.6633259	0	153.6633259	0	0	0
Sonoma	2042	HHDT	Aggregate	5	Natural Gas	1.829444567	1.829444567	0	1.151569991	0.008634453	0.009390755
Sonoma	2042	HHDT	Aggregate	35	Gasoline	1.974975886	1.974975886	0	2.25445552	0.000994414	0.001081516
Sonoma	2042	HHDT	Aggregate	35	Diesel	6290.456116	6290.456116	0	1.538169927	0.005734603	0.005993896
Sonoma	2042	HHDT	Aggregate	35	Electricity	2799.831662	0	2799.831662	0	0	0
Sonoma	2042	HHDT	Aggregate	35	Natural Gas	724.1351727	724.1351727	0	0.264480887	0.001428319	0.001553427
Sonoma	2042	HHDT	Aggregate	40	Gasoline	1.984246648	1.984246648	0	2.157758655	0.000862485	0.000938031
Sonoma	2042	HHDT	Aggregate	40	Diesel	7503.01224	7503.01224	0	1.175440102	0.007357336	0.007690003
Sonoma	2042	HHDT	Aggregate	40	Electricity	3223.982065	0	3223.982065	0	0	0
Sonoma	2042	HHDT	Aggregate	40	Natural Gas	772.0946202	772.0946202	0	0.240589427	0.001196131	0.001300902
Sonoma	2042	HHDT	Aggregate	45	Gasoline	2.042811959	2.042811959	0	2.100006703	0.000789208	0.000858335
Sonoma	2042	HHDT	Aggregate	45	Diesel	8143.942795	8143.942795	0	0.94994678	0.009843662	0.010288749
Sonoma	2042	HHDT	Aggregate	45	Electricity	3422.820152	0	3422.820152	0	0	0
Sonoma	2042	HHDT	Aggregate	45	Natural Gas	774.872751	774.872751	0	0.222106912	0.001063143	0.001156265
Sonoma	2042	LHDT1	Aggregate	5	Gasoline	3942.151423	3942.151423	0	0.058063387	0.002349574	0.002555376
Sonoma	2042	LHDT1	Aggregate	5	Diesel	1973.520944	1973.520944	0	1.09480937	0.053665685	0.05609221
Sonoma	2042	LHDT1	Aggregate	5	Electricity	3224.077959	0	3224.077959	0	0	0
Sonoma	2042	LHDT1	Aggregate	35	Gasoline	6492.356316	6492.356316	0	0.035227691	0.000832408	0.00090532
Sonoma	2042	LHDT1	Aggregate	35	Diesel	6464.354073	6464.354073	0	0.569567462	0.020054767	0.020961555
Sonoma	2042	LHDT1	Aggregate	35	Electricity	6820.219084	0	6820.219084	0	0	0
Sonoma	2042	LHDT1	Aggregate	40	Gasoline	1772.969641	1772.969641	0	0.035554889	0.000770707	0.000838214
Sonoma	2042	LHDT1	Aggregate	40	Diesel	3405.773455	3405.773455	0	0.5385966	0.017249731	0.018029687
Sonoma	2042	LHDT1	Aggregate	40	Electricity	2634.174656	0	2634.174656	0	0	0
Sonoma	2042	LHDT1	Aggregate	45	Gasoline	2008.731451	2008.731451	0	0.035191619	0.0007497	0.000815367
Sonoma	2042	LHDT1	Aggregate	45	Diesel	3444.958827	3444.958827	0	0.521636087	0.015164957	0.015850649
Sonoma	2042	LHDT1	Aggregate	45	Electricity	2787.085262	0	2787.085262	0	0	0
Sonoma	2042	LHDT2	Aggregate	5	Gasoline	520.3033326	520.3033326	0	0.045061351	0.002023251	0.00220047
Sonoma	2042	LHDT2	Aggregate	5	Diesel	938.9263706	938.9263706	0	1.305777824	0.061951271	0.064752433
Sonoma	2042	LHDT2	Aggregate	5	Electricity	675.5195277	0	675.5195277	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2042	LHDT2	Aggregate	35	Gasoline	855.8458509	855.8458509	0	0.029665459	0.000795248	0.000864905
Sonoma	2042	LHDT2	Aggregate	35	Diesel	3076.859417	3076.859417	0	0.712255976	0.023057096	0.024099636
Sonoma	2042	LHDT2	Aggregate	35	Electricity	1794.783378	0	1794.783378	0	0	0
Sonoma	2042	LHDT2	Aggregate	40	Gasoline	233.3140616	233.3140616	0	0.03052495	0.00073914	0.000803882
Sonoma	2042	LHDT2	Aggregate	40	Diesel	1621.289348	1621.289348	0	0.679246598	0.019858474	0.020756386
Sonoma	2042	LHDT2	Aggregate	40	Electricity	838.6632395	0	838.6632395	0	0	0
Sonoma	2042	LHDT2	Aggregate	45	Gasoline	263.8079648	263.8079648	0	0.030882398	0.000721422	0.000784612
Sonoma	2042	LHDT2	Aggregate	45	Diesel	1640.334503	1640.334503	0	0.662087948	0.017483654	0.018274188
Sonoma	2042	LHDT2	Aggregate	45	Electricity	861.1620853	0	861.1620853	0	0	0
Sonoma	2043	HHDT	Aggregate	5	Gasoline	1.314576796	1.314576796	0	4.072313166	0.007178795	0.007807594
Sonoma	2043	HHDT	Aggregate	5	Diesel	297.84989	297.84989	0	8.829562127	0.021826324	0.022813213
Sonoma	2043	HHDT	Aggregate	5	Electricity	159.8251826	0	159.8251826	0	0	0
Sonoma	2043	HHDT	Aggregate	5	Natural Gas	1.792134351	1.792134351	0	1.11452386	0.008667182	0.009426352
Sonoma	2043	HHDT	Aggregate	35	Gasoline	1.909185091	1.909185091	0	2.215611426	0.000993806	0.001080854
Sonoma	2043	HHDT	Aggregate	35	Diesel	6243.664362	6243.664362	0	1.503575984	0.005655133	0.005910833
Sonoma	2043	HHDT	Aggregate	35	Electricity	2939.838969	0	2939.838969	0	0	0
Sonoma	2043	HHDT	Aggregate	35	Natural Gas	711.3073782	711.3073782	0	0.249280002	0.001408343	0.001531701
Sonoma	2043	HHDT	Aggregate	40	Gasoline	1.918224796	1.918224796	0	2.12066836	0.000861965	0.000937465
Sonoma	2043	HHDT	Aggregate	40	Diesel	7455.856582	7455.856582	0	1.144732502	0.007293349	0.007623122
Sonoma	2043	HHDT	Aggregate	40	Electricity	3384.722555	0	3384.722555	0	0	0
Sonoma	2043	HHDT	Aggregate	40	Natural Gas	758.319658	758.319658	0	0.226913388	0.001174387	0.001277253
Sonoma	2043	HHDT	Aggregate	45	Gasoline	1.974773435	1.974773435	0	2.06383759	0.000788726	0.000857811
Sonoma	2043	HHDT	Aggregate	45	Diesel	8097.756989	8097.756989	0	0.920451208	0.009786273	0.010228765
Sonoma	2043	HHDT	Aggregate	45	Electricity	3592.81327	0	3592.81327	0	0	0
Sonoma	2043	HHDT	Aggregate	45	Natural Gas	761.1636435	761.1636435	0	0.209603436	0.001039361	0.0011304
Sonoma	2043	LHDT1	Aggregate	5	Gasoline	3784.588507	3784.588507	0	0.054488764	0.002318579	0.002521666
Sonoma	2043	LHDT1	Aggregate	5	Diesel	1867.52316	1867.52316	0	1.024163945	0.051344494	0.053666064
Sonoma	2043	LHDT1	Aggregate	5	Electricity	3356.305902	0	3356.305902	0	0	0
Sonoma	2043	LHDT1	Aggregate	35	Gasoline	6232.769029	6232.769029	0	0.033193207	0.000832358	0.000905265
Sonoma	2043	LHDT1	Aggregate	35	Diesel	6115.378709	6115.378709	0	0.517783766	0.019368383	0.020244135
Sonoma	2043	LHDT1	Aggregate	35	Electricity	7101.171619	0	7101.171619	0	0	0
Sonoma	2043	LHDT1	Aggregate	40	Gasoline	1702.042916	1702.042916	0	0.03353549	0.000771065	0.000838604
Sonoma	2043	LHDT1	Aggregate	40	Diesel	3221.612065	3221.612065	0	0.487298276	0.016670525	0.017424292
Sonoma	2043	LHDT1	Aggregate	40	Electricity	2743.181364	0	2743.181364	0	0	0
Sonoma	2043	LHDT1	Aggregate	45	Gasoline	1928.324496	1928.324496	0	0.0332319	0.000750397	0.000816126
Sonoma	2043	LHDT1	Aggregate	45	Diesel	3258.169758	3258.169758	0	0.470244032	0.014657616	0.015320368
Sonoma	2043	LHDT1	Aggregate	45	Electricity	2902.319846	0	2902.319846	0	0	0
Sonoma	2043	LHDT2	Aggregate	5	Gasoline	493.643593	493.643593	0	0.042025921	0.002020971	0.00219799
Sonoma	2043	LHDT2	Aggregate	5	Diesel	900.2097909	900.2097909	0	1.280324825	0.061760246	0.06455277
Sonoma	2043	LHDT2	Aggregate	5	Electricity	703.6432222	0	703.6432222	0	0	0
Sonoma	2043	LHDT2	Aggregate	35	Gasoline	812.0470736	812.0470736	0	0.027883676	0.000800567	0.000870689
Sonoma	2043	LHDT2	Aggregate	35	Diesel	2949.274049	2949.274049	0	0.691674044	0.023011858	0.024052352
Sonoma	2043	LHDT2	Aggregate	35	Electricity	1870.242086	0	1870.242086	0	0	0
Sonoma	2043	LHDT2	Aggregate	40	Gasoline	221.3948482	221.3948482	0	0.028740169	0.000744307	0.000809502
Sonoma	2043	LHDT2	Aggregate	40	Diesel	1553.939769	1553.939769	0	0.658232346	0.019811939	0.020707747

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2043	LHDT2	Aggregate	40	Electricity	874.1570384	0	874.1570384	0	0	0
Sonoma	2043	LHDT2	Aggregate	45	Gasoline	250.3583291	250.3583291	0	0.02913157	0.000726665	0.000790314
Sonoma	2043	LHDT2	Aggregate	45	Diesel	1571.990021	1571.990021	0	0.640276833	0.017434694	0.018223013
Sonoma	2043	LHDT2	Aggregate	45	Electricity	897.5724834	0	897.5724834	0	0	0
Sonoma	2044	HHDT	Aggregate	5	Gasoline	1.273932767	1.273932767	0	4.052522175	0.007179982	0.007808885
Sonoma	2044	HHDT	Aggregate	5	Diesel	289.9685355	289.9685355	0	8.547735971	0.019858039	0.020755931
Sonoma	2044	HHDT	Aggregate	5	Electricity	165.4359997	0	165.4359997	0	0	0
Sonoma	2044	HHDT	Aggregate	5	Natural Gas	1.75426333	1.75426333	0	1.083929427	0.008694715	0.009456296
Sonoma	2044	HHDT	Aggregate	35	Gasoline	1.850144953	1.850144953	0	2.204941849	0.000993969	0.001081032
Sonoma	2044	HHDT	Aggregate	35	Diesel	6202.980727	6202.980727	0	1.454692261	0.00558496	0.005837487
Sonoma	2044	HHDT	Aggregate	35	Electricity	3070.070123	0	3070.070123	0	0	0
Sonoma	2044	HHDT	Aggregate	35	Natural Gas	701.9401116	701.9401116	0	0.23456711	0.001389346	0.001511041
Sonoma	2044	HHDT	Aggregate	40	Gasoline	1.85892002	1.85892002	0	2.110336275	0.000862107	0.00093762
Sonoma	2044	HHDT	Aggregate	40	Diesel	7416.394089	7416.394089	0	1.101342687	0.007239503	0.007566842
Sonoma	2044	HHDT	Aggregate	40	Electricity	3534.084974	0	3534.084974	0	0	0
Sonoma	2044	HHDT	Aggregate	40	Natural Gas	748.2394045	748.2394045	0	0.213700002	0.001153757	0.001254816
Sonoma	2044	HHDT	Aggregate	45	Gasoline	1.913707334	1.913707334	0	2.053880786	0.000788856	0.000857953
Sonoma	2044	HHDT	Aggregate	45	Diesel	8060.210406	8060.210406	0	0.879443384	0.009741019	0.010181465
Sonoma	2044	HHDT	Aggregate	45	Electricity	3750.631052	0	3750.631052	0	0	0
Sonoma	2044	HHDT	Aggregate	45	Natural Gas	751.1307895	751.1307895	0	0.197552554	0.001016823	0.001105888
Sonoma	2044	LHDT1	Aggregate	5	Gasoline	3632.023782	3632.023782	0	0.049440189	0.002262804	0.002461005
Sonoma	2044	LHDT1	Aggregate	5	Diesel	1769.766113	1769.766113	0	0.943493856	0.048603159	0.050800778
Sonoma	2044	LHDT1	Aggregate	5	Electricity	3473.504482	0	3473.504482	0	0	0
Sonoma	2044	LHDT1	Aggregate	35	Gasoline	5981.308669	5981.308669	0	0.03032794	0.00082987	0.00090256
Sonoma	2044	LHDT1	Aggregate	35	Diesel	5793.529176	5793.529176	0	0.454681735	0.018562798	0.019402125
Sonoma	2044	LHDT1	Aggregate	35	Electricity	7350.818604	0	7350.818604	0	0	0
Sonoma	2044	LHDT1	Aggregate	40	Gasoline	1633.29498	1633.29498	0	0.030691203	0.000769393	0.000836786
Sonoma	2044	LHDT1	Aggregate	40	Diesel	3051.764671	3051.764671	0	0.424315383	0.015990487	0.016713506
Sonoma	2044	LHDT1	Aggregate	40	Electricity	2840.290823	0	2840.290823	0	0	0
Sonoma	2044	LHDT1	Aggregate	45	Gasoline	1850.332887	1850.332887	0	0.030471553	0.000749315	0.000814948
Sonoma	2044	LHDT1	Aggregate	45	Diesel	3085.897482	3085.897482	0	0.406789245	0.014061285	0.014697074
Sonoma	2044	LHDT1	Aggregate	45	Electricity	3004.931776	0	3004.931776	0	0	0
Sonoma	2044	LHDT2	Aggregate	5	Gasoline	469.4962345	469.4962345	0	0.038623959	0.002008466	0.00218439
Sonoma	2044	LHDT2	Aggregate	5	Diesel	861.7864655	861.7864655	0	1.231140569	0.061061621	0.063822556
Sonoma	2044	LHDT2	Aggregate	5	Electricity	728.8364397	0	728.8364397	0	0	0
Sonoma	2044	LHDT2	Aggregate	35	Gasoline	772.366425	772.366425	0	0.025902269	0.000804714	0.0008752
Sonoma	2044	LHDT2	Aggregate	35	Diesel	2822.794095	2822.794095	0	0.632492904	0.022895388	0.023930616
Sonoma	2044	LHDT2	Aggregate	35	Electricity	1937.884008	0	1937.884008	0	0	0
Sonoma	2044	LHDT2	Aggregate	40	Gasoline	210.5926665	210.5926665	0	0.026763653	0.000748484	0.000814045
Sonoma	2044	LHDT2	Aggregate	40	Diesel	1487.197242	1487.197242	0	0.596310824	0.019694201	0.020584685
Sonoma	2044	LHDT2	Aggregate	40	Electricity	905.9885127	0	905.9885127	0	0	0
Sonoma	2044	LHDT2	Aggregate	45	Gasoline	238.1643389	238.1643389	0	0.027201811	0.000731023	0.000795054
Sonoma	2044	LHDT2	Aggregate	45	Diesel	1504.301095	1504.301095	0	0.575545774	0.017310225	0.018092916
Sonoma	2044	LHDT2	Aggregate	45	Electricity	930.2235722	0	930.2235722	0	0	0
Sonoma	2045	HHDT	Aggregate	5	Gasoline	1.234603577	1.234603577	0	4.051029122	0.007178575	0.007807356

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2045	HHDT	Aggregate	5	Diesel	281.5931593	281.5931593	0	8.115206885	0.016820543	0.017581094
Sonoma	2045	HHDT	Aggregate	5	Electricity	171.3374022	0	171.3374022	0	0	0
Sonoma	2045	HHDT	Aggregate	5	Natural Gas	1.718609949	1.718609949	0	1.058994063	0.008717654	0.009481244
Sonoma	2045	HHDT	Aggregate	35	Gasoline	1.79302301	1.79302301	0	2.204203071	0.000993772	0.001080817
Sonoma	2045	HHDT	Aggregate	35	Diesel	6174.708454	6174.708454	0	1.412780995	0.00549604	0.005744547
Sonoma	2045	HHDT	Aggregate	35	Electricity	3189.915523	0	3189.915523	0	0	0
Sonoma	2045	HHDT	Aggregate	35	Natural Gas	690.8418579	690.8418579	0	0.222243472	0.001374999	0.001495437
Sonoma	2045	HHDT	Aggregate	40	Gasoline	1.801531833	1.801531833	0	2.109539065	0.000861939	0.000937437
Sonoma	2045	HHDT	Aggregate	40	Diesel	7391.322877	7391.322877	0	1.064269359	0.007171159	0.007495408
Sonoma	2045	HHDT	Aggregate	40	Electricity	3671.358845	0	3671.358845	0	0	0
Sonoma	2045	HHDT	Aggregate	40	Natural Gas	736.3961932	736.3961932	0	0.202611579	0.001137636	0.001237282
Sonoma	2045	HHDT	Aggregate	45	Gasoline	1.854623671	1.854623671	0	2.053178943	0.000788699	0.000857783
Sonoma	2045	HHDT	Aggregate	45	Diesel	8037.745718	8037.745718	0	0.843795708	0.009681972	0.010119748
Sonoma	2045	HHDT	Aggregate	45	Electricity	3895.734414	0	3895.734414	0	0	0
Sonoma	2045	HHDT	Aggregate	45	Natural Gas	739.4129052	739.4129052	0	0.187423799	0.000998849	0.00108634
Sonoma	2045	LHDT1	Aggregate	5	Gasoline	3486.940982	3486.940982	0	0.043451644	0.002192324	0.002384352
Sonoma	2045	LHDT1	Aggregate	5	Diesel	1683.59557	1683.59557	0	0.872765367	0.046325513	0.048420147
Sonoma	2045	LHDT1	Aggregate	5	Electricity	3576.664337	0	3576.664337	0	0	0
Sonoma	2045	LHDT1	Aggregate	35	Gasoline	5742.140373	5742.140373	0	0.026934097	0.000826008	0.000898359
Sonoma	2045	LHDT1	Aggregate	35	Diesel	5509.928523	5509.928523	0	0.398554208	0.017896052	0.018705232
Sonoma	2045	LHDT1	Aggregate	35	Electricity	7571.226767	0	7571.226767	0	0	0
Sonoma	2045	LHDT1	Aggregate	40	Gasoline	1567.892214	1567.892214	0	0.027323581	0.000766587	0.000833734
Sonoma	2045	LHDT1	Aggregate	40	Diesel	2902.119393	2902.119393	0	0.368164467	0.015425356	0.016122823
Sonoma	2045	LHDT1	Aggregate	40	Electricity	2926.290713	0	2926.290713	0	0	0
Sonoma	2045	LHDT1	Aggregate	45	Gasoline	1776.116044	1776.116044	0	0.027204902	0.000747248	0.0008127
Sonoma	2045	LHDT1	Aggregate	45	Diesel	2934.144829	2934.144829	0	0.350123845	0.013563784	0.014177078
Sonoma	2045	LHDT1	Aggregate	45	Electricity	3095.752524	0	3095.752524	0	0	0
Sonoma	2045	LHDT2	Aggregate	5	Gasoline	446.1669146	446.1669146	0	0.035874917	0.002002742	0.002178165
Sonoma	2045	LHDT2	Aggregate	5	Diesel	827.4806107	827.4806107	0	1.190149853	0.060492912	0.063228133
Sonoma	2045	LHDT2	Aggregate	5	Electricity	751.3202114	0	751.3202114	0	0	0
Sonoma	2045	LHDT2	Aggregate	35	Gasoline	734.0487326	734.0487326	0	0.024280391	0.000809038	0.000879903
Sonoma	2045	LHDT2	Aggregate	35	Diesel	2710.253433	2710.253433	0	0.587233393	0.022790793	0.023821292
Sonoma	2045	LHDT2	Aggregate	35	Electricity	1998.280335	0	1998.280335	0	0	0
Sonoma	2045	LHDT2	Aggregate	40	Gasoline	200.1687835	200.1687835	0	0.025139828	0.000752742	0.000818675
Sonoma	2045	LHDT2	Aggregate	40	Diesel	1427.8757	1427.8757	0	0.549510186	0.019591005	0.020476823
Sonoma	2045	LHDT2	Aggregate	40	Electricity	934.4197738	0	934.4197738	0	0	0
Sonoma	2045	LHDT2	Aggregate	45	Gasoline	226.4069419	226.4069419	0	0.025609567	0.000735388	0.000799801
Sonoma	2045	LHDT2	Aggregate	45	Diesel	1444.248199	1444.248199	0	0.527351983	0.017204607	0.017982523
Sonoma	2045	LHDT2	Aggregate	45	Electricity	959.3840994	0	959.3840994	0	0	0
Sonoma	2046	HHDT	Aggregate	5	Gasoline	1.198854357	1.198854357	0	4.073111473	0.007177237	0.0078059
Sonoma	2046	HHDT	Aggregate	5	Diesel	272.8850705	272.8850705	0	7.551365967	0.012902634	0.013486034
Sonoma	2046	HHDT	Aggregate	5	Electricity	177.482682	0	177.482682	0	0	0
Sonoma	2046	HHDT	Aggregate	5	Natural Gas	1.687089017	1.687089017	0	1.038677199	0.008736782	0.009502047
Sonoma	2046	HHDT	Aggregate	35	Gasoline	1.741116715	1.741116715	0	2.216311165	0.000993584	0.001080614
Sonoma	2046	HHDT	Aggregate	35	Diesel	6154.932475	6154.932475	0	1.366488643	0.005393667	0.005637545

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2046	HHDT	Aggregate	35	Electricity	3301.500883	0	3301.500883	0	0	0
Sonoma	2046	HHDT	Aggregate	35	Natural Gas	680.456728	680.456728	0	0.211463014	0.001362962	0.001482346
Sonoma	2046	HHDT	Aggregate	40	Gasoline	1.749363687	1.749363687	0	2.121012337	0.000861779	0.000937263
Sonoma	2046	HHDT	Aggregate	40	Diesel	7376.240814	7376.240814	0	1.023483558	0.007093945	0.007414701
Sonoma	2046	HHDT	Aggregate	40	Electricity	3799.100101	0	3799.100101	0	0	0
Sonoma	2046	HHDT	Aggregate	40	Natural Gas	725.3262704	725.3262704	0	0.192908361	0.001123905	0.00122235
Sonoma	2046	HHDT	Aggregate	45	Gasoline	1.800931692	1.800931692	0	2.064439859	0.000788551	0.000857621
Sonoma	2046	HHDT	Aggregate	45	Diesel	8025.871854	8025.871854	0	0.804499375	0.009615877	0.010050665
Sonoma	2046	HHDT	Aggregate	45	Electricity	4030.849147	0	4030.849147	0	0	0
Sonoma	2046	HHDT	Aggregate	45	Natural Gas	728.4807656	728.4807656	0	0.178559877	0.000983432	0.001069572
Sonoma	2046	LHDT1	Aggregate	5	Gasoline	3354.395543	3354.395543	0	0.037327306	0.002118815	0.002304404
Sonoma	2046	LHDT1	Aggregate	5	Diesel	1604.964914	1604.964914	0	0.7980783	0.043907484	0.045892785
Sonoma	2046	LHDT1	Aggregate	5	Electricity	3667.464285	0	3667.464285	0	0	0
Sonoma	2046	LHDT1	Aggregate	35	Gasoline	5523.674942	5523.674942	0	0.0234671	0.000821664	0.000893635
Sonoma	2046	LHDT1	Aggregate	35	Diesel	5251.119452	5251.119452	0	0.33838386	0.017185143	0.017962179
Sonoma	2046	LHDT1	Aggregate	35	Electricity	7765.894918	0	7765.894918	0	0	0
Sonoma	2046	LHDT1	Aggregate	40	Gasoline	1508.164423	1508.164423	0	0.023886354	0.000763358	0.000830222
Sonoma	2046	LHDT1	Aggregate	40	Diesel	2765.551732	2765.551732	0	0.307867374	0.014823173	0.015493412
Sonoma	2046	LHDT1	Aggregate	40	Electricity	3002.509739	0	3002.509739	0	0	0
Sonoma	2046	LHDT1	Aggregate	45	Gasoline	1708.35676	1708.35676	0	0.02387405	0.000744787	0.000810024
Sonoma	2046	LHDT1	Aggregate	45	Diesel	2795.647306	2795.647306	0	0.289188545	0.013033992	0.013623331
Sonoma	2046	LHDT1	Aggregate	45	Electricity	3176.199208	0	3176.199208	0	0	0
Sonoma	2046	LHDT2	Aggregate	5	Gasoline	426.1882603	426.1882603	0	0.033312818	0.00199814	0.00217316
Sonoma	2046	LHDT2	Aggregate	5	Diesel	793.7113318	793.7113318	0	1.129937875	0.059509065	0.062199801
Sonoma	2046	LHDT2	Aggregate	5	Electricity	771.4082948	0	771.4082948	0	0	0
Sonoma	2046	LHDT2	Aggregate	35	Gasoline	701.2220394	701.2220394	0	0.022769517	0.00081305	0.000884266
Sonoma	2046	LHDT2	Aggregate	35	Diesel	2599.13501	2599.13501	0	0.5119479	0.022617039	0.023639681
Sonoma	2046	LHDT2	Aggregate	35	Electricity	2052.280347	0	2052.280347	0	0	0
Sonoma	2046	LHDT2	Aggregate	40	Gasoline	191.2338564	191.2338564	0	0.023626915	0.000756681	0.00082296
Sonoma	2046	LHDT2	Aggregate	40	Diesel	1369.246381	1369.246381	0	0.470640045	0.019420583	0.020298696
Sonoma	2046	LHDT2	Aggregate	40	Electricity	959.852099	0	959.852099	0	0	0
Sonoma	2046	LHDT2	Aggregate	45	Gasoline	216.3226557	216.3226557	0	0.024125859	0.000739418	0.000804184
Sonoma	2046	LHDT2	Aggregate	45	Diesel	1384.799365	1384.799365	0	0.444934863	0.017029059	0.017799037
Sonoma	2046	LHDT2	Aggregate	45	Electricity	985.4674606	0	985.4674606	0	0	0
Sonoma	2047	HHDT	Aggregate	5	Gasoline	1.165410948	1.165410948	0	4.103596095	0.007172133	0.007800348
Sonoma	2047	HHDT	Aggregate	5	Diesel	264.7694513	264.7694513	0	7.079136335	0.009813198	0.010256907
Sonoma	2047	HHDT	Aggregate	5	Electricity	183.0991262	0	183.0991262	0	0	0
Sonoma	2047	HHDT	Aggregate	5	Natural Gas	1.655402631	1.655402631	0	1.023091616	0.008751861	0.009518447
Sonoma	2047	HHDT	Aggregate	35	Gasoline	1.692555963	1.692555963	0	2.232974003	0.000992872	0.001079839
Sonoma	2047	HHDT	Aggregate	35	Diesel	6143.166598	6143.166598	0	1.325522125	0.005303028	0.005542808
Sonoma	2047	HHDT	Aggregate	35	Electricity	3405.626141	0	3405.626141	0	0	0
Sonoma	2047	HHDT	Aggregate	35	Natural Gas	671.2986275	671.2986275	0	0.192759906	0.001344594	0.001462369
Sonoma	2047	HHDT	Aggregate	40	Gasoline	1.700560927	1.700560927	0	2.136865774	0.000861167	0.000936598
Sonoma	2047	HHDT	Aggregate	40	Diesel	7370.357802	7370.357802	0	0.987586587	0.007023747	0.007341329
Sonoma	2047	HHDT	Aggregate	40	Electricity	3918.414524	0	3918.414524	0	0	0

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2047	HHDT	Aggregate	40	Natural Gas	715.5853281	715.5853281	0	0.175350237	0.001105432	0.001202258
Sonoma	2047	HHDT	Aggregate	45	Gasoline	1.750700809	1.750700809	0	2.079946666	0.000787987	0.000857007
Sonoma	2047	HHDT	Aggregate	45	Diesel	8023.820212	8023.820212	0	0.770231405	0.009554417	0.009986426
Sonoma	2047	HHDT	Aggregate	45	Electricity	4157.07554	0	4157.07554	0	0	0
Sonoma	2047	HHDT	Aggregate	45	Natural Gas	718.8930318	718.8930318	0	0.161943821	0.000964109	0.001048556
Sonoma	2047	LHDT1	Aggregate	5	Gasoline	3238.256865	3238.256865	0	0.03302011	0.002054303	0.002234242
Sonoma	2047	LHDT1	Aggregate	5	Diesel	1533.513191	1533.513191	0	0.740104296	0.042058034	0.043959712
Sonoma	2047	LHDT1	Aggregate	5	Electricity	3747.581797	0	3747.581797	0	0	0
Sonoma	2047	LHDT1	Aggregate	35	Gasoline	5332.273667	5332.273667	0	0.021030174	0.000817861	0.000889498
Sonoma	2047	LHDT1	Aggregate	35	Diesel	5015.932524	5015.932524	0	0.292586186	0.016650925	0.017403806
Sonoma	2047	LHDT1	Aggregate	35	Electricity	7938.341397	0	7938.341397	0	0	0
Sonoma	2047	LHDT1	Aggregate	40	Gasoline	1455.844426	1455.844426	0	0.021471714	0.000760535	0.000827151
Sonoma	2047	LHDT1	Aggregate	40	Diesel	2641.447757	2641.447757	0	0.26195949	0.014365098	0.015014624
Sonoma	2047	LHDT1	Aggregate	40	Electricity	3070.297366	0	3070.297366	0	0	0
Sonoma	2047	LHDT1	Aggregate	45	Gasoline	1649.012557	1649.012557	0	0.021535664	0.000742641	0.000807689
Sonoma	2047	LHDT1	Aggregate	45	Diesel	2669.787606	2669.787606	0	0.242705238	0.012625617	0.013196491
Sonoma	2047	LHDT1	Aggregate	45	Electricity	3247.690637	0	3247.690637	0	0	0
Sonoma	2047	LHDT2	Aggregate	5	Gasoline	406.8123667	406.8123667	0	0.031216603	0.001995161	0.00216992
Sonoma	2047	LHDT2	Aggregate	5	Diesel	764.6021897	764.6021897	0	1.089181049	0.05864562	0.061297314
Sonoma	2047	LHDT2	Aggregate	5	Electricity	789.4329121	0	789.4329121	0	0	0
Sonoma	2047	LHDT2	Aggregate	35	Gasoline	669.4003499	669.4003499	0	0.021515848	0.000816904	0.000888457
Sonoma	2047	LHDT2	Aggregate	35	Diesel	2503.278276	2503.278276	0	0.463831017	0.022451825	0.023466996
Sonoma	2047	LHDT2	Aggregate	35	Electricity	2100.759902	0	2100.759902	0	0	0
Sonoma	2047	LHDT2	Aggregate	40	Gasoline	182.5781544	182.5781544	0	0.022366966	0.000760441	0.000827049
Sonoma	2047	LHDT2	Aggregate	40	Diesel	1318.657274	1318.657274	0	0.420296311	0.019260712	0.020131595
Sonoma	2047	LHDT2	Aggregate	40	Electricity	982.6933887	0	982.6933887	0	0	0
Sonoma	2047	LHDT2	Aggregate	45	Gasoline	206.5609817	206.5609817	0	0.022884987	0.000743244	0.000808346
Sonoma	2047	LHDT2	Aggregate	45	Diesel	1333.482452	1333.482452	0	0.392223897	0.016866553	0.017629184
Sonoma	2047	LHDT2	Aggregate	45	Electricity	1008.889711	0	1008.889711	0	0	0
Sonoma	2048	HHDT	Aggregate	5	Gasoline	1.137553914	1.137553914	0	4.232912343	0.007172361	0.007800597
Sonoma	2048	HHDT	Aggregate	5	Diesel	257.1859521	257.1859521	0	6.808142077	0.008819604	0.009218387
Sonoma	2048	HHDT	Aggregate	5	Electricity	188.0353601	0	188.0353601	0	0	0
Sonoma	2048	HHDT	Aggregate	5	Natural Gas	1.624604632	1.624604632	0	1.010533141	0.008764187	0.009531853
Sonoma	2048	HHDT	Aggregate	35	Gasoline	1.652139562	1.652139562	0	2.303517557	0.000992903	0.001079873
Sonoma	2048	HHDT	Aggregate	35	Diesel	6139.735944	6139.735944	0	1.301086478	0.005220735	0.005456793
Sonoma	2048	HHDT	Aggregate	35	Electricity	3502.015779	0	3502.015779	0	0	0
Sonoma	2048	HHDT	Aggregate	35	Natural Gas	662.1901805	662.1901805	0	0.182769493	0.00133207	0.001448747
Sonoma	2048	HHDT	Aggregate	40	Gasoline	1.659902492	1.659902492	0	2.204154188	0.000861195	0.000936628
Sonoma	2048	HHDT	Aggregate	40	Diesel	7374.007452	7374.007452	0	0.966763221	0.00695172	0.007266046
Sonoma	2048	HHDT	Aggregate	40	Electricity	4029.028709	0	4029.028709	0	0	0
Sonoma	2048	HHDT	Aggregate	40	Natural Gas	705.934306	705.934306	0	0.1664589	0.001090683	0.001186218
Sonoma	2048	HHDT	Aggregate	45	Gasoline	1.708888094	1.708888094	0	2.145622129	0.000788011	0.000857034
Sonoma	2048	HHDT	Aggregate	45	Diesel	8031.882783	8031.882783	0	0.750868549	0.009484661	0.009913515
Sonoma	2048	HHDT	Aggregate	45	Electricity	4274.137989	0	4274.137989	0	0	0
Sonoma	2048	HHDT	Aggregate	45	Natural Gas	709.4340882	709.4340882	0	0.153923541	0.00094724	0.00103021

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2048	LHDT1	Aggregate	5	Gasoline	3128.058607	3128.058607	0	0.028225605	0.001982333	0.002155967
Sonoma	2048	LHDT1	Aggregate	5	Diesel	1466.760482	1466.760482	0	0.68553833	0.040353661	0.042178275
Sonoma	2048	LHDT1	Aggregate	5	Electricity	3816.107102	0	3816.107102	0	0	0
Sonoma	2048	LHDT1	Aggregate	35	Gasoline	5150.746149	5150.746149	0	0.018325507	0.000813489	0.000884743
Sonoma	2048	LHDT1	Aggregate	35	Diesel	4796.487327	4796.487327	0	0.248207437	0.016162227	0.016893012
Sonoma	2048	LHDT1	Aggregate	35	Electricity	8086.562611	0	8086.562611	0	0	0
Sonoma	2048	LHDT1	Aggregate	40	Gasoline	1406.255869	1406.255869	0	0.018799902	0.000757271	0.000823601
Sonoma	2048	LHDT1	Aggregate	40	Diesel	2525.696952	2525.696952	0	0.217318113	0.013943724	0.014574197
Sonoma	2048	LHDT1	Aggregate	40	Electricity	3128.846635	0	3128.846635	0	0	0
Sonoma	2048	LHDT1	Aggregate	45	Gasoline	1592.808968	1592.808968	0	0.018957223	0.000740138	0.000804967
Sonoma	2048	LHDT1	Aggregate	45	Diesel	2552.477487	2552.477487	0	0.197404198	0.012247907	0.012801703
Sonoma	2048	LHDT1	Aggregate	45	Electricity	3309.385888	0	3309.385888	0	0	0
Sonoma	2048	LHDT2	Aggregate	5	Gasoline	389.6884712	389.6884712	0	0.029290759	0.001989697	0.002163977
Sonoma	2048	LHDT2	Aggregate	5	Diesel	735.8816447	735.8816447	0	1.046058221	0.057697841	0.060306681
Sonoma	2048	LHDT2	Aggregate	5	Electricity	805.1620152	0	805.1620152	0	0	0
Sonoma	2048	LHDT2	Aggregate	35	Gasoline	641.277441	641.277441	0	0.020364265	0.00081995	0.00089177
Sonoma	2048	LHDT2	Aggregate	35	Diesel	2408.843099	2408.843099	0	0.412538704	0.022267476	0.023274312
Sonoma	2048	LHDT2	Aggregate	35	Electricity	2143.093249	0	2143.093249	0	0	0
Sonoma	2048	LHDT2	Aggregate	40	Gasoline	174.9286405	174.9286405	0	0.021212286	0.000763456	0.000830328
Sonoma	2048	LHDT2	Aggregate	40	Diesel	1268.842436	1268.842436	0	0.366694262	0.019083293	0.019946155
Sonoma	2048	LHDT2	Aggregate	40	Electricity	1002.647805	0	1002.647805	0	0	0
Sonoma	2048	LHDT2	Aggregate	45	Gasoline	197.9341869	197.9341869	0	0.021750671	0.000746346	0.00081172
Sonoma	2048	LHDT2	Aggregate	45	Diesel	1282.991336	1282.991336	0	0.336261132	0.01668753	0.017442066
Sonoma	2048	LHDT2	Aggregate	45	Electricity	1029.349544	0	1029.349544	0	0	0
Sonoma	2049	HHDT	Aggregate	5	Gasoline	1.112835532	1.112835532	0	4.35528489	0.007172547	0.0078008
Sonoma	2049	HHDT	Aggregate	5	Diesel	250.4558718	250.4558718	0	6.637407442	0.008400344	0.00878017
Sonoma	2049	HHDT	Aggregate	5	Electricity	192.0513836	0	192.0513836	0	0	0
Sonoma	2049	HHDT	Aggregate	5	Natural Gas	1.592569066	1.592569066	0	0.999325525	0.008775002	0.009543615
Sonoma	2049	HHDT	Aggregate	35	Gasoline	1.616284512	1.616284512	0	2.37021819	0.000992929	0.0010799
Sonoma	2049	HHDT	Aggregate	35	Diesel	6146.680857	6146.680857	0	1.28473336	0.005160276	0.005393601
Sonoma	2049	HHDT	Aggregate	35	Electricity	3588.348198	0	3588.348198	0	0	0
Sonoma	2049	HHDT	Aggregate	35	Natural Gas	653.8646207	653.8646207	0	0.176357116	0.001328091	0.00144442
Sonoma	2049	HHDT	Aggregate	40	Gasoline	1.623823258	1.623823258	0	2.267843782	0.000861217	0.000936652
Sonoma	2049	HHDT	Aggregate	40	Diesel	7389.264489	7389.264489	0	0.952934023	0.006898151	0.007210055
Sonoma	2049	HHDT	Aggregate	40	Electricity	4128.594915	0	4128.594915	0	0	0
Sonoma	2049	HHDT	Aggregate	40	Natural Gas	697.1238151	697.1238151	0	0.160796313	0.001084939	0.00117997
Sonoma	2049	HHDT	Aggregate	45	Gasoline	1.671792852	1.671792852	0	2.207729933	0.000788032	0.000857056
Sonoma	2049	HHDT	Aggregate	45	Diesel	8052.113801	8052.113801	0	0.738131838	0.00943291	0.009859425
Sonoma	2049	HHDT	Aggregate	45	Electricity	4379.753919	0	4379.753919	0	0	0
Sonoma	2049	HHDT	Aggregate	45	Natural Gas	700.821355	700.821355	0	0.148854349	0.000940072	0.001022414
Sonoma	2049	LHDT1	Aggregate	5	Gasoline	3032.007225	3032.007225	0	0.024868738	0.001994158	0.002168828
Sonoma	2049	LHDT1	Aggregate	5	Diesel	1405.397481	1405.397481	0	0.626328217	0.037901859	0.039615613
Sonoma	2049	LHDT1	Aggregate	5	Electricity	3874.021432	0	3874.021432	0	0	0
Sonoma	2049	LHDT1	Aggregate	35	Gasoline	4992.480604	4992.480604	0	0.016428454	0.000819754	0.000891557
Sonoma	2049	LHDT1	Aggregate	35	Diesel	4594.745417	4594.745417	0	0.21980319	0.015351035	0.016045141

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2049	LHDT1	Aggregate	35	Electricity	8212.577228	0	8212.577228	0	0	0
Sonoma	2049	LHDT1	Aggregate	40	Gasoline	1363.005628	1363.005628	0	0.016921859	0.000763176	0.000830023
Sonoma	2049	LHDT1	Aggregate	40	Diesel	2419.281553	2419.281553	0	0.191293192	0.013269507	0.013869496
Sonoma	2049	LHDT1	Aggregate	40	Electricity	3178.913844	0	3178.913844	0	0	0
Sonoma	2049	LHDT1	Aggregate	45	Gasoline	1543.76793	1543.76793	0	0.017140352	0.000745979	0.00081132
Sonoma	2049	LHDT1	Aggregate	45	Diesel	2444.624246	2444.624246	0	0.173058605	0.011669946	0.012197609
Sonoma	2049	LHDT1	Aggregate	45	Electricity	3362.092229	0	3362.092229	0	0	0
Sonoma	2049	LHDT2	Aggregate	5	Gasoline	374.0472962	374.0472962	0	0.027834285	0.001999602	0.002174749
Sonoma	2049	LHDT2	Aggregate	5	Diesel	707.9422451	707.9422451	0	0.981761984	0.054813409	0.057291828
Sonoma	2049	LHDT2	Aggregate	5	Electricity	818.8139395	0	818.8139395	0	0	0
Sonoma	2049	LHDT2	Aggregate	35	Gasoline	615.5849982	615.5849982	0	0.01947483	0.000824471	0.000896687
Sonoma	2049	LHDT2	Aggregate	35	Diesel	2317.16718	2317.16718	0	0.380569624	0.021346392	0.022311581
Sonoma	2049	LHDT2	Aggregate	35	Electricity	2179.857693	0	2179.857693	0	0	0
Sonoma	2049	LHDT2	Aggregate	40	Gasoline	167.9384189	167.9384189	0	0.020313496	0.000767694	0.000834938
Sonoma	2049	LHDT2	Aggregate	40	Diesel	1220.515472	1220.515472	0	0.33735997	0.018324925	0.019153497
Sonoma	2049	LHDT2	Aggregate	40	Electricity	1019.984016	0	1019.984016	0	0	0
Sonoma	2049	LHDT2	Aggregate	45	Gasoline	190.0485425	190.0485425	0	0.020859913	0.000750518	0.000816257
Sonoma	2049	LHDT2	Aggregate	45	Diesel	1234.062709	1234.062709	0	0.30894986	0.016044947	0.016770428
Sonoma	2049	LHDT2	Aggregate	45	Electricity	1047.123795	0	1047.123795	0	0	0
Sonoma	2050	HHDT	Aggregate	5	Gasoline	1.090725722	1.090725722	0	4.440707005	0.007172698	0.007800963
Sonoma	2050	HHDT	Aggregate	5	Diesel	243.9538102	243.9538102	0	6.468261268	0.007964504	0.008324623
Sonoma	2050	HHDT	Aggregate	5	Electricity	195.7018299	0	195.7018299	0	0	0
Sonoma	2050	HHDT	Aggregate	5	Natural Gas	1.561455628	1.561455628	0	0.986049704	0.008786999	0.009556663
Sonoma	2050	HHDT	Aggregate	35	Gasoline	1.584218224	1.584218224	0	2.416657319	0.000992949	0.001079923
Sonoma	2050	HHDT	Aggregate	35	Diesel	6156.382594	6156.382594	0	1.264615433	0.005099164	0.005329726
Sonoma	2050	HHDT	Aggregate	35	Electricity	3671.671334	0	3671.671334	0	0	0
Sonoma	2050	HHDT	Aggregate	35	Natural Gas	646.5397383	646.5397383	0	0.147040358	0.001269436	0.001380627
Sonoma	2050	HHDT	Aggregate	40	Gasoline	1.591550374	1.591550374	0	2.312333896	0.000861235	0.000936672
Sonoma	2050	HHDT	Aggregate	40	Diesel	7407.999707	7407.999707	0	0.936037797	0.006845062	0.007154565
Sonoma	2050	HHDT	Aggregate	40	Electricity	4224.647381	0	4224.647381	0	0	0
Sonoma	2050	HHDT	Aggregate	40	Natural Gas	689.3824291	689.3824291	0	0.134502185	0.001021565	0.001111045
Sonoma	2050	HHDT	Aggregate	45	Gasoline	1.638616476	1.638616476	0	2.25099363	0.000788048	0.000857074
Sonoma	2050	HHDT	Aggregate	45	Diesel	8076.283163	8076.283163	0	0.722809588	0.009382947	0.009807203
Sonoma	2050	HHDT	Aggregate	45	Electricity	4481.559212	0	4481.559212	0	0	0
Sonoma	2050	HHDT	Aggregate	45	Natural Gas	693.2779652	693.2779652	0	0.125008496	0.000870847	0.000947125
Sonoma	2050	LHDT1	Aggregate	5	Gasoline	2953.032723	2953.032723	0	0.022768451	0.002001686	0.002177016
Sonoma	2050	LHDT1	Aggregate	5	Diesel	1351.411823	1351.411823	0	0.57879048	0.0359991	0.03762682
Sonoma	2050	LHDT1	Aggregate	5	Electricity	3921.282271	0	3921.282271	0	0	0
Sonoma	2050	LHDT1	Aggregate	35	Gasoline	4862.445736	4862.445736	0	0.015240896	0.000823706	0.000895855
Sonoma	2050	LHDT1	Aggregate	35	Diesel	4417.561778	4417.561778	0	0.197689097	0.014717883	0.01538336
Sonoma	2050	LHDT1	Aggregate	35	Electricity	8316.189157	0	8316.189157	0	0	0
Sonoma	2050	LHDT1	Aggregate	40	Gasoline	1327.506124	1327.506124	0	0.015749106	0.000766887	0.000834059
Sonoma	2050	LHDT1	Aggregate	40	Diesel	2325.871772	2325.871772	0	0.17113879	0.012742842	0.013319017
Sonoma	2050	LHDT1	Aggregate	40	Electricity	3220.381394	0	3220.381394	0	0	0
Sonoma	2050	LHDT1	Aggregate	45	Gasoline	1503.562482	1503.562482	0	0.016008939	0.000749634	0.000815296

Region	Calendar Year	Vehicle Categor	Model Year	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNEX	PM2.5_RUNEX	PM10_RUNEX
Sonoma	2050	LHDT1	Aggregate	45	Diesel	2350.039045	2350.039045	0	0.154299229	0.011218936	0.011726207
Sonoma	2050	LHDT1	Aggregate	45	Electricity	3405.691306	0	3405.691306	0	0	0
Sonoma	2050	LHDT2	Aggregate	5	Gasoline	360.0454619	360.0454619	0	0.026356876	0.00200892	0.002184884
Sonoma	2050	LHDT2	Aggregate	5	Diesel	680.2854781	680.2854781	0	0.891728415	0.050415168	0.052694718
Sonoma	2050	LHDT2	Aggregate	5	Electricity	830.3249702	0	830.3249702	0	0	0
Sonoma	2050	LHDT2	Aggregate	35	Gasoline	592.5870845	592.5870845	0	0.018583244	0.000828773	0.000901366
Sonoma	2050	LHDT2	Aggregate	35	Diesel	2225.755872	2225.755872	0	0.332526624	0.01992692	0.020827927
Sonoma	2050	LHDT2	Aggregate	35	Electricity	2210.891363	0	2210.891363	0	0	0
Sonoma	2050	LHDT2	Aggregate	40	Gasoline	161.6819753	161.6819753	0	0.019417344	0.000771718	0.000839314
Sonoma	2050	LHDT2	Aggregate	40	Diesel	1172.21536	1172.21536	0	0.292686085	0.017151217	0.017926719
Sonoma	2050	LHDT2	Aggregate	40	Electricity	1034.628833	0	1034.628833	0	0	0
Sonoma	2050	LHDT2	Aggregate	45	Gasoline	182.9915512	182.9915512	0	0.019977119	0.000754468	0.000820553
Sonoma	2050	LHDT2	Aggregate	45	Diesel	1184.971723	1184.971723	0	0.266708995	0.015040812	0.015720891
Sonoma	2050	LHDT2	Aggregate	45	Electricity	1062.136559	0	1062.136559	0	0	0

Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10
2025	5	466.3703908	0.122610267	57.18179833	2025	5	5569.866428	0.114542591	637.9869311	2025	5	2154.081297	0.0885025	190.6416028
	35	7704.014471	0.012279559	94.60190037		35	18347.45124	0.035514012	651.5915989		35	7084.407851	0.0295047	209.0236337
	40	9027.881191	0.012754074	115.1422686		40	9683.989409	0.030346167	293.8719635		40	3737.323947	0.0251883	94.1369499
	45	9693.900509	0.014673256	142.2410804		45	9824.965606	0.026784993	263.1616301		45	3788.527983	0.0221187	83.79739314
2026	5	463.4138775	0.111483819	51.66314882	2026	5	5287.199298	0.110182711	582.5579497	2026	5	2075.048829	0.0862486	178.970121
	35	7696.029327	0.011457303	88.17573621		35	17411.56505	0.034508355	600.8444643		35	6823.183516	0.0289981	197.8590262
	40	9025.281099	0.012061581	108.8591582		40	9189.211617	0.02948554	270.9488674		40	3599.296678	0.0247785	89.18503143
	45	9696.298085	0.014046316	136.1972647		45	9321.62931	0.026009882	242.4544802		45	3648.239001	0.0217685	79.41663671
2027	5	459.1163942	0.102585463	47.09866779	2027	5	5011.956455	0.105742072	529.9746579	2027	5	1996.601831	0.083934	167.5828079
	35	7668.481383	0.010788436	82.73091986		35	16500.41129	0.033459942	552.1028093		35	6563.88378	0.0284445	186.7065375
	40	8999.739709	0.011493954	103.4425919		40	8707.534661	0.028591021	248.957303		40	3462.284561	0.0243317	84.24334386
	45	9673.991691	0.013527884	130.8686342		45	8831.663207	0.025207661	222.6255764		45	3508.978817	0.0213895	75.05530513
2028	5	453.0650125	0.096674761	43.79995185	2028	5	4742.69187	0.10121046	480.0100269	2028	5	1917.90081	0.0816905	156.6742431
	35	7614.65552	0.010308534	78.49593689		35	15609.14338	0.032366973	505.2207221		35	6303.720458	0.0278886	175.8021001
	40	8943.775383	0.011081185	99.10762649		40	8236.386386	0.027660576	227.8231882		40	3324.812095	0.0238843	79.41069846
	45	9619.179802	0.013148593	126.4786782		45	8352.434015	0.024375907	203.5981557		45	3369.243953	0.0210119	70.79425968
2029	5	444.9574994	0.091132714	40.55018456	2029	5	4484.195018	0.0966386	433.3463291	2029	5	1839.65446	0.079433	146.1293387
	35	7534.133454	0.009839427	74.13155613		35	14753.70737	0.031232614	460.7968446		35	6044.985778	0.02732	165.1492746
	40	8856.986993	0.010682027	94.61057651		40	7784.211927	0.026699455	207.8342135		40	3188.081988	0.0234231	74.6746715
	45	9531.375908	0.012785268	121.8611983		45	7892.557956	0.023522254	185.6507539		45	3230.242602	0.0206193	66.60520887
2030	5	434.8707966	0.085517525	37.18907404	2030	5	4233.807331	0.092101368	389.9394481	2030	5	1761.42373	0.0773534	136.2520685
	35	7435.796005	0.009359977	69.59888042		35	13925.44556	0.030087558	418.982645		35	5786.635253	0.0267962	155.0600017
	40	8749.279716	0.010278751	89.93166696		40	7346.458551	0.025732038	189.0393504		40	3051.610964	0.0229998	70.18642047
	45	9420.847396	0.012420504	117.0116717		45	7447.444411	0.022666345	168.8063438		45	3091.598768	0.0202612	62.63935657
2031	5	423.2242071	0.077196357	32.67136712	2031	5	3992.574828	0.087655812	349.972387	2031	5	1683.295201	0.0751612	126.5184597
	35	7332.566501	0.008685045	63.68366793		35	13127.68491	0.028944935	379.9799819		35	5528.592208	0.0262582	145.170773
	40	8636.428594	0.009720317	83.94882656		40	6924.862168	0.024770169	171.5300033		40	2915.297292	0.0225555	65.75608444
	45	9304.724218	0.011918357	110.8970265		45	7018.820789	0.021819434	153.1466991		45	2953.106273	0.0198751	58.69328636

Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10
2032	5	411.9259488	0.07074912	29.14339841	2032	5	3762.687355	0.084035709	316.2000988	2032	5	1605.470118	0.0730916	117.3463026
	35	7228.092306	0.008163573	59.00705999		35	12367.79777	0.028049875	346.9151865		35	5271.688117	0.0257777	135.891739
	40	8521.949866	0.009290335	79.17176557		40	6523.340896	0.024013065	156.6454084		40	2779.60837	0.0221524	61.5750609
	45	9187.314446	0.011533797	105.9646176		45	6610.707456	0.021147696	139.8012324		45	2815.287282	0.0195176	54.94767583
2033	5	399.5356428	0.062544387	24.9887118	2033	5	3535.661899	0.080718366	285.3928511	2033	5	1528.588291	0.0716054	109.4551782
	35	7115.445821	0.007541827	53.66346423		35	11617.39604	0.027247014	316.5393567		35	5018.381305	0.0254638	127.7868295
	40	8398.619576	0.008782239	73.75868819		40	6126.8359	0.02333043	142.9417142		40	2645.901105	0.0218911	57.92164833
	45	9060.755667	0.011080268	100.3955994		45	6207.699858	0.020537414	127.4901015		45	2679.618252	0.0192872	51.68223851
2034	5	387.1221205	0.055583159	21.51747052	2034	5	3318.498984	0.077921758	258.5832753	2034	5	1451.044154	0.0701052	101.7257054
	35	7001.665189	0.007046453	49.33690462		35	10900.1775	0.026608801	290.0406493		35	4762.771729	0.0251863	119.956735
	40	8273.811504	0.008381606	69.34783089		40	5747.963093	0.022781072	130.9447601		40	2510.95792	0.0216439	54.34691843
	45	8932.629805	0.010726533	95.81615122		45	5822.778996	0.020038275	116.6784493		45	2542.66086	0.0190506	48.43913518
2035	5	374.3506352	0.048900873	18.3060729	2035	5	3101.928294	0.074747175	231.860376	2035	5	1373.22713	0.0687479	94.40647165
	35	6885.046107	0.006618561	45.56909486		35	10185.15812	0.025837203	263.1559942		35	4506.47463	0.0249187	112.2953371
	40	8145.952522	0.008040385	65.49659629		40	5370.293067	0.022122969	118.8068288		40	2375.687636	0.0214107	50.86525335
	45	8801.459747	0.010429473	91.7945835		45	5439.149083	0.019447818	105.7795834		45	2405.43175	0.0188331	45.30176966
2036	5	362.7661815	0.043470454	15.76961048	2036	5	2901.347502	0.071918893	208.6616992	2036	5	1298.235217	0.067929	88.18782437
	35	6770.541184	0.006435635	43.57273491		35	9523.313032	0.025121919	239.2439022		35	4259.370129	0.0247393	105.3736467
	40	8020.039654	0.007902968	63.38211892		40	5020.774116	0.02151929	108.0434936		40	2245.250097	0.0212643	47.74368444
	45	8671.503997	0.010315229	89.4485482		45	5084.223077	0.018913465	96.16027717		45	2273.073453	0.0187057	42.51946753
2037	5	351.6754038	0.037690348	13.25476826	2037	5	2713.093096	0.06874114	186.5011116	2037	5	1225.136454	0.0666931	81.70811395
	35	6668.993466	0.006252018	41.6946698		35	8902.251066	0.024277095	216.1207964		35	4018.884057	0.0244186	98.13540036
	40	7909.238092	0.007765938	61.42265158		40	4692.811312	0.02080878	97.65167784		40	2118.370555	0.0210004	44.48670823
	45	8557.556057	0.010201334	87.29848494		45	4751.218047	0.018289075	86.8953831		45	2144.433717	0.0184788	39.62658154
2038	5	341.9445916	0.034203667	11.6957591	2038	5	2538.473883	0.065524103	166.3312244	2038	5	1155.913993	0.0653178	75.50179413
	35	6579.314341	0.006123425	40.28793973		35	8326.181901	0.023386001	194.7160941		35	3790.894947	0.024028	91.08747423
	40	7811.647987	0.007667282	59.89410568		40	4388.609366	0.020061613	88.04258052		40	1998.041039	0.0206783	41.31599368
	45	8457.45505	0.010118147	85.57377486		45	4442.341887	0.017636116	78.34565511		45	2022.362029	0.0182024	36.8117873
2039	5	332.4013568	0.031305243	10.40590514	2039	5	2379.137869	0.062454421	148.5876777	2039	5	1092.771096	0.0639573	69.89072547
	35	6494.412384	0.006011297	39.03984299		35	7800.81143	0.022539065	175.8229925		35	3583.167458	0.0236212	84.63869518
	40	7719.608834	0.007579178	58.50829184		40	4111.226848	0.019348273	79.54513832		40	1888.445647	0.0203429	38.41646706
	45	8363.174756	0.010041768	83.98106136		45	4160.776583	0.017009866	70.77425126		45	1911.247647	0.0179162	34.24226737
2040	5	323.7710663	0.029459714	9.53820307	2040	5	2231.538651	0.059309685	132.351855	2040	5	1035.964425	0.0629286	65.19180743
	35	6419.609662	0.005927331	38.05114873		35	7314.252732	0.02164865	158.3437006		35	3396.257054	0.0233168	79.1897781
	40	7639.149552	0.007511314	57.38005444		40	3854.355031	0.018599128	71.68764181		40	1789.828469	0.020089	35.95591801
	45	8281.172795	0.009981742	82.66053082		45	3900.063278	0.016353917	63.78130968		45	1811.255705	0.0176968	32.05348669

Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10	Year	Speed	Total Trips	PM2.5	Total PM10
2041	5	314.7831697	0.026714637	8.409318032	2041	5	2097.622463	0.056593487	118.7117691	2041	5	984.701131	0.0623237	61.37020441
	35	6349.586611	0.00582834	37.00755173		35	6873.14299	0.020892425	143.5966261		35	3227.590347	0.023157	74.74140983
	40	7564.732613	0.007432356	56.22378578		40	3621.535378	0.017957922	65.0352502		40	1700.837725	0.0199494	33.9306158
	45	8205.804541	0.009911195	81.32932818		45	3663.859342	0.015787691	57.84387943		45	1721.025643	0.0175696	30.23766678
2042	5	305.9933681	0.024001729	7.344369771	2042	5	1973.520944	0.053665685	105.9103542	2042	5	938.9263706	0.0619513	58.16768243
	35	6290.456116	0.005734603	36.07326749		35	6464.354073	0.020054767	129.641115		35	3076.859417	0.0230571	70.94344384
	40	7503.01224	0.007357336	55.20218561		40	3405.773455	0.017249731	58.74867488		40	1621.289348	0.0198585	32.1963318
	45	8143.942795	0.009843662	80.16622224		45	3444.958827	0.015164957	52.24265214		45	1640.334503	0.0174837	28.67904154
2043	5	297.84989	0.021826324	6.500968118	2043	5	1867.52316	0.051344494	95.88703118	2043	5	900.2097909	0.0617602	55.5971782
	35	6243.664362	0.005655133	35.30875113		35	6115.378709	0.019368383	118.4449975		35	2949.274049	0.0230119	67.86827618
	40	7455.856582	0.007293349	54.37816296		40	3221.612065	0.016670525	53.70596535		40	1553.939769	0.0198119	30.78655978
	45	8097.756989	0.009786273	79.2468631		45	3258.169758	0.014657616	47.75700162		45	1571.990021	0.0174347	27.40716456
2044	5	289.9685355	0.019858039	5.758206382	2044	5	1769.766113	0.048603159	86.01622394	2044	5	861.7864655	0.0610616	52.62207816
	35	6202.980727	0.00558496	34.64340145		35	5793.529176	0.018562798	107.5441094		35	2822.794095	0.0228954	64.62896592
	40	7416.394089	0.007239503	53.69101028		40	3051.764671	0.015990487	48.79920238		40	1487.197242	0.0196942	29.28916103
	45	8060.210406	0.009741019	78.51466168		45	3085.897482	0.014061285	43.39168422		45	1504.301095	0.0173102	26.03979025
2045	5	281.5931593	0.016820543	4.736549956	2045	5	1683.59557	0.046325513	77.9934278	2045	5	827.4806107	0.0604929	50.05671154
	35	6174.708454	0.00549604	33.93644658		35	5509.928523	0.017896052	98.60596593		35	2710.253433	0.0227908	61.76882614
	40	7391.322877	0.007171159	53.0043552		40	2902.119393	0.015425356	44.76622618		40	1427.8757	0.019591	27.97351965
	45	8037.745718	0.009681972	77.82122836		45	2934.144829	0.013563784	39.7981059		45	1444.248199	0.0172046	24.84772311
2046	5	272.8850705	0.012902634	3.52093622	2046	5	1604.964914	0.043907484	70.46997055	2046	5	793.7113318	0.0595091	47.23301917
	35	6154.932475	0.005393667	33.19765749		35	5251.119452	0.017185143	90.24123913		35	2599.13501	0.022617	58.78473808
	40	7376.240814	0.007093945	52.32664482		40	2765.551732	0.014823173	40.99425287		40	1369.246381	0.0194206	26.59156341
	45	8025.871854	0.009615877	77.17579945		45	2795.647306	0.013033992	36.43844393		45	1384.799365	0.0170291	23.58182987
2047	5	264.7694513	0.009813198	2.598235005	2047	5	1533.513191	0.042058034	64.49655006	2047	5	764.6021897	0.0586456	44.84056926
	35	6143.166598	0.005303028	32.57738612		35	5015.932524	0.016650925	83.51991612		35	2503.278276	0.0224518	56.20316472
	40	7370.357802	0.007023747	51.76752729		40	2641.447757	0.014365098	37.9446555		40	1318.657274	0.0192607	25.39827737
	45	8023.820212	0.009554417	76.66292801		45	2669.787606	0.012625617	33.70771557		45	1333.482452	0.0168666	22.49125221
2048	5	257.1859521	0.008819604	2.268278279	2048	5	1466.760482	0.040353661	59.18915567	2048	5	735.8816447	0.0576978	42.45878198
	35	6139.735944	0.005220735	32.05393273		35	4796.487327	0.016162227	77.52191932		35	2408.843099	0.0222675	53.63885516
	40	7374.007452	0.00695172	51.26203359		40	2525.696952	0.013943724	35.2176202		40	1268.842436	0.0190833	24.21369168
	45	8031.882783	0.009484661	76.17968367		45	2552.477487	0.012247907	31.26250655		45	1282.991336	0.0166875	21.40995675
2049	5	250.4558718	0.008400344	2.10391551	2049	5	1405.397481	0.037901859	53.26717692	2049	5	707.9422451	0.0548134	38.80472786
	35	6146.680857	0.005160276	31.71857119		35	4594.745417	0.015351035	70.53409968		35	2317.16718	0.0213464	49.46315853
	40	8999.739709	0.006898151	62.0815657		40	2419.281553	0.013269507	32.10267468		40	1220.515472	0.0183249	22.36585453
	45	2.225896982	0.001290436	0.002872377		45	2444.624246	0.011669946	28.52863187		45	1234.062709	0.0160449	19.80047059

Year	Speed	Total Trips	PM2.5	Total PM10
2050	5	243.9538102	0.007964504	1.94297109
(*5)	35	6156.382594	0.005099164	31.39240719
	40	7407.999707	0.006845062	50.70821514
	45	8076.283163	0.009382947	75.77934048
Agg Total	5	10185.76464		517.7297249
	35	200776.6222		1425.12046
	40	240171.053		2026.883166
	45	250264.0169		2714.485195
Wt. Ave	5			0.050828754
	35			0.00709804
	40			0.008439332
	45			0.010846486
	Idle			0.004235729

Year	Speed	Total Trips	PM2.5	Total PM10
2050	5	1351.411823	0.0359991	48.64960936
	35	4417.561778	0.014717883	65.01715571
	40	2325.871772	0.012742842	29.63821691
	45	2350.039045	0.011218936	26.36493821
Agg Tota	5	81964.38219		6313.447605
	35	269115.1755		7015.153505
	40	141893.0062		3169.81974
	45	143708.2357		2827.945195
Wt. Ave	5			0.07488659
	35			0.025758567
	40			0.022085825
	45			0.019445593
				0.006240549

Year	Speed	Total Trips	PM2.5	Total PM10
2050	5	680.2854781	0.0504152	34.29670679
	35	2225.755872	0.0199269	44.35245898
	40	1172.21536	0.0171512	20.10491987
	45	1184.971723	0.0150408	17.82293686
Agg Total	5	36111.02621		2528.817052
	35	118487.2725		2968.930115
	40	62460.27651		1343.491027
	45	63237.40203		1196.235436

Attachment 2

Risk Summary

Shiolh Business Park

Project Risk

Cancer Risk

	Student	Teacher	Residential	Threshold	Exceed?
Construction Risk	1.17	0.16	0.57	10	No
Operationl Risk	7.77	2.35	1.47	10	No
Const + Operational Risk	8.15	2.45	1.68	10	No

*Cancer + Operational is not simply the addition of the construction plus operational risk from above. Construction risk is 11 months; risk is evaluated for 30 years. Therefore Construction risk by itself is 11 months; Operational Risk by itself is 30 years and Construction + Operational Risk is 11 months of construction plus 29 years 1 month of operational risk)

Non-Cancer Risk

	Student	Teacher	Residential	Threshold	Exceed?
Construction Risk	0.01084	0.01087	0.00092	1	No
Operationl Risk	0.01635	0.01635	0.00131	1	No
Const + Operational Risk	0.01635	0.01635	0.00131	1	No

***Since non-cancer risk is based on max annual, it will be the greatest of either the max construction or max operational risk and therefore can be the same as one of the values above.**

Non-Cancer Risk

	Student	Teacher	Residential	Threshold	Exceed?
Construction Risk	0.08	0.08	0.01	0.3	No
Operationl Risk	0.02	0.02	0.002	0.3	No
Const + Operational Risk	0.10	0.10	0.01	0.3	No

***Since non-cancer risk is based on max annual, it will be the greatest of either the max construction or max operational risk and therefore can be the same as one of the values above.**

Shiolh Business Park

Cumulative Risk

	Cancer	Chronic	PM2.5
	MEIR		
Project	8.15	0.0163	0.0969
Roadway	4.15	0.0014	0.1010
Exchange Bank (Facility ID: 15868)	0.61	0.0013	0.0008
Airport Health Club (Facility ID: 20694)	0.1648	0.0011	0.0909
Bio-Rad Laboratories (Facility ID: 24142)	0	0.0000	0.0000
Total	13.08	0.0201	0.2896
Threshold	100	10	0.8
	Teacher/Staff		
Project	2.45	0.0163	0.0969
Roadway	4.15	0.0014	0.1010
Exchange Bank (Facility ID: 15868)	0.61	0.0013	0.0008
Airport Health Club (Facility ID: 20694)	0.16	0.0011	0.0909
Bio-Rad Laboratories (Facility ID: 24142)	0.00	0.0000	0.0000
Total	7.37	0.0201	0.2896
Threshold	100	10	0.8
	Residential		
Project	1.68	0.0013	0.0083
Roadway	4.15	0.0014	0.1010
Windsor Valero (Facility ID: 200007)	2.37	0.0103	0.0000
Total	8.21	0.01	0.11
Threshold	100	10	0.8

Shiolh Business Park

Unmitigated - Construction Risk Summary

				Cancer Risk						
Receptor #	Total Per/Million	Rec#		Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)	
	1.685	113	<-Max	0.56717	1.43828					Residential
	8.15	110		1.16756	0.00000		7.71587	1.16756	6.63369	School - Student
	2.45	110		0.16122	2.29595					School - Teacher
						Residential Receptors				
1	0.35163			0.092238	0.259391985					
2	0.381019			0.097331	0.283688515					
3	0.416611			0.103031	0.313580162					
4	0.459502			0.109186	0.350315412					
5	0.514121			0.11609	0.398030284					
6	0.348248			0.090832	0.257415632					
7	0.37709			0.095755	0.281334885					
8	0.411707			0.101202	0.310505332					
9	0.454802			0.107344	0.347457513					
10	0.508622			0.114026	0.394596063					
11	0.344019			0.089334	0.2546848					
12	0.372448			0.094139	0.278308955					
13	0.406681			0.099467	0.307214008					
14	0.449513			0.105493	0.344019562					
15	0.502763			0.112013	0.390750488					
16	0.339789			0.087861	0.251927406					
17	0.368108			0.092596	0.275512165					
18	0.40188			0.097777	0.304103101					
19	0.443072			0.103443	0.339628873					
20	0.496588			0.109867	0.386721373					
21	0.300865			0.086461	0.21440367					
22	0.324082			0.091078	0.23300329					
23	0.35156			0.096168	0.255391517					
24	0.38457			0.101748	0.282822016					

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
25	0.42511		0.107868	0.317242092				
113	1.684547		0.498183	1.186364475				
114	1.530887		0.453771	1.077115391				
115	1.395075		0.413863	0.981212065				
116	1.272223		0.378205	0.894017909				
117	1.666284		0.51622	1.15006387				
118	1.507742		0.466691	1.041051084				
119	1.368572		0.423027	0.945545037				
120	1.244534		0.384613	0.859920931				
121	1.654321		0.531523	1.122798341				
122	1.490751		0.477206	1.013545295				
123	1.348601		0.430161	0.918440712				
124	1.223645		0.38939	0.834255066				
125	1.645363		0.543714	1.101649095				
126	1.477127		0.485204	0.991922198				
127	1.33249		0.43535	0.897139524				
128	1.206872		0.392722	0.814149487				
129	1.637214		0.552741	1.084473176				
130	1.465161		0.490885	0.974276818				
131	1.318719		0.438913	0.8798055				
132	1.192776		0.39496	0.797816316				
133	1.628713		0.558995	1.069717807				
134	1.453926		0.494709	0.959216396				
135	1.306392		0.44128	0.865112552				
136	1.180473		0.396466	0.784007064				
137	1.619246		0.563069	1.056177673				
138	1.294865		0.442845	0.852020563				
139	1.169273		0.39751	0.771762515				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
140	1.579175		0.565946	1.013229762				
141	1.403693		0.498507	0.90518589				
142	1.257838		0.443342	0.814496064				
143	1.134965		0.397555	0.737410091				
144	1.558353		0.563203	0.995149958				
145	1.385292		0.496091	0.8892013				
146	1.241527		0.441202	0.800324836				
147	1.120471		0.395635	0.724835037				
148	1.531631		0.55789	0.973740676				
149	1.362446		0.491619	0.870827456				
150	1.221771		0.437367	0.784404344				
151	1.103261		0.392307	0.710953358				
152	1.497843		0.549637	0.948206026				
153	1.3344		0.484888	0.849512029				
154	1.198075		0.43174	0.766334264				
155	1.082974		0.387516	0.69545821				
156	1.455551		0.537908	0.917642327				
157	1.300192		0.475615	0.824576292				
158	1.169814		0.4242	0.745614179				
159	1.05922		0.381236	0.677984092				
160	1.403361		0.522036	0.881325656				
161	1.258633		0.463328	0.795305331				
162	1.13608		0.414449	0.721630651				
163	1.031147		0.373215	0.657932446				
164	1.341214		0.501735	0.839478614				
165	1.209144		0.447658	0.761486297				
166	1.094991		0.401573	0.693417218				
167	0.99751		0.362904	0.63460572				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
168	1.27278		0.477591	0.795188397				
169	1.152591		0.428731	0.723859932				
170	1.048855		0.386527	0.662328332				
171	0.959929		0.350992	0.608936746				
172	1.20447		0.450935	0.753535563				
173	1.096457		0.407296	0.689161642				
174	1.00218		0.369368	0.632812563				
175	0.920341		0.337078	0.583262501				
176	1.134218		0.423259	0.710959081				
177	1.037705		0.384448	0.653256988				
178	0.953123		0.350562	0.602561162				
179	0.879362		0.321563	0.557799419				
180	1.06436		0.395765	0.668594865				
181	0.978133		0.361027	0.617106391				
182	0.902367		0.330943	0.571423958				
183	0.836219		0.305073	0.531146191				
184	1.400297		0.530048	0.870248894				
185	1.244574		0.47067	0.773903657				
186	1.134007		0.424721	0.709286412				
187	1.038881		0.385914	0.652966586				
188	0.956109		0.352496	0.60361345				
189	1.265286		0.482658	0.782628422				
190	1.15258		0.434723	0.717856972				
191	1.055555		0.394261	0.661294077				
192	0.971377		0.359796	0.611581093				
193	0.897252		0.329699	0.567553262				
194	1.16737		0.443982	0.723388011				
195	1.068419		0.4021	0.666318425				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
196	0.982735		0.366202	0.616532882				
197	0.907137		0.335002	0.572135445				
198	0.841559		0.308524	0.533034481				
199	1.081634		0.409975	0.671659772				
200	0.99338		0.373002	0.620377975				
201	0.916353		0.340828	0.575524878				
202	0.848693		0.312958	0.53573496				
203	0.789545		0.288973	0.500571651				
204	1.458481		0.567168	0.891312459				
205	1.006938		0.380127	0.626811041				
206	0.92747		0.34731	0.58015965				
207	0.857174		0.318161	0.539013093				
208	0.796156		0.29324	0.502915952				
209	1.333858		0.51295	0.820908019				
210	1.217479		0.465814	0.751665304				
211	1.113842		0.423789	0.690052499				
212	1.022364		0.386692	0.635672367				
213	0.94128		0.353753	0.587527539				
214	0.869169		0.324304	0.544864646				
215	0.805474		0.298376	0.507098161				
216	1.321194		0.497859	0.823335695				
217	1.219073		0.459782	0.759291139				
218	1.124697		0.423556	0.701141195				
219	1.040095		0.39103	0.649064937				
220	0.9625		0.360806	0.601693809				
221	0.891994		0.333192	0.558801847				
222	1.206085		0.449649	0.756436099				
223	1.118319		0.417492	0.700826685				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
224	1.037866		0.387489	0.650377041				
225	0.964785		0.359957	0.604827971				
226	0.896894		0.333979	0.562915108				
227	1.105267		0.408145	0.697121864				
228	1.029402		0.380934	0.648468015				
229	0.960026		0.355774	0.604252618				
230	0.895667		0.331792	0.563874299				
231	1.016039		0.372154	0.643884994				
232	0.951154		0.349409	0.601745772				
233	0.890498		0.327801	0.56269744				
234	0.834242		0.30719	0.527051899				
235	0.937536		0.34124	0.596295828				
236	0.881347		0.321801	0.559546515				
237	0.827717		0.3029	0.524817139				
238	0.7788		0.285285	0.493515242				
239	0.86772		0.314317	0.553403662				
240	0.81814		0.297419	0.52072179				
241	0.771453		0.280949	0.490503423				
242	0.728528		0.265691	0.462836335				
243	1.199424		0.375363	0.824060397				
244	1.162882		0.37875	0.784132496				
245	1.12047		0.376875	0.743595179				
246	1.073166		0.369993	0.703173945				
247	1.021943		0.358663	0.66327993				
248	0.970245		0.344865	0.6253796				
249	0.918645		0.329378	0.589266274				
250	1.092931		0.344673	0.748258501				
251	1.061384		0.347038	0.714345998				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
252	1.024649		0.345029	0.679619882				
253	0.983618		0.338863	0.644755108				
254	0.939147		0.328985	0.610162094				
255	0.894214		0.317034	0.577179854				
256	0.848464		0.303311	0.545152654				
257	1.001159		0.317854	0.68330553				
258	0.973571		0.31946	0.654111334				
259	0.941447		0.317386	0.624061743				
260	0.905607		0.311851	0.593756052				
261	0.866711		0.303188	0.563523139				
262	0.827277		0.292715	0.534561517				
263	0.787139		0.28082	0.506318571				
264	0.921818		0.294402	0.627416084				
265	0.89721		0.295359	0.601851362				
266	0.868757		0.293221	0.575535925				
267	0.837245		0.288235	0.549010023				
268	0.803567		0.280837	0.5227303				
269	0.768529		0.271541	0.496987916				
270	0.732821		0.261052	0.471769249				
271	0.852087		0.273539	0.578547766				
272	0.830164		0.274077	0.556086244				
273	0.804876		0.271961	0.532915458				
274	0.776934		0.267434	0.5095002				
275	0.74708		0.260846	0.48623373				
276	0.716243		0.252738	0.463505117				
277	0.684095		0.243368	0.440727217				
278	1.6317		0.193421	1.438278514				
279	1.573295		0.198932	1.374363119				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
280	1.508014		0.214767	1.293247076				
281	1.416247		0.211302	1.204945532				
282	1.539771		0.230059	1.309712344				
283	1.324177		0.195403	1.128774572				
					School - Student Receptors			
26	0.893456		0.175429	0.72		0.849431	0.175429	6.74E-01
27	0.970269		0.189363	0.78		0.910714	0.189363	7.21E-01
28	1.057109		0.204696	0.85		0.977025	0.204696	7.72E-01
29	1.155817		0.221398	0.93		1.047984	0.221398	8.27E-01
30	1.269042		0.23918	1.03		1.122838	0.23918	8.84E-01
31	1.401009		0.257454	1.14		1.200586	0.257454	9.43E-01
32	1.558772		0.275452	1.28		1.280154	0.275452	1.00E+00
33	1.754537		0.292416	1.46		1.36006	0.292416	1.07E+00
34	2.014956		0.307827	1.71		1.437565	0.307827	1.13E+00
35	2.443799		0.322023	2.12		1.508975	0.322023	1.19E+00
36	2.396826		0.328699	2.07		1.561579	0.328699	1.23E+00
37	0.971152		0.194381	0.78		0.929364	0.194381	7.35E-01
38	1.059676		0.211295	0.85		1.002196	0.211295	7.91E-01
39	1.159842		0.230034	0.93		1.08176	0.230034	8.52E-01
40	1.273307		0.250577	1.02		1.167751	0.250577	9.17E-01
41	1.402037		0.272535	1.13		1.259294	0.272535	9.87E-01
42	1.548803		0.295051	1.25		1.35499	0.295051	1.06E+00
43	1.718489		0.316938	1.40		1.453244	0.316938	1.14E+00
44	1.920795		0.336996	1.58		1.552034	0.336996	1.22E+00
45	2.179771		0.354342	1.83		1.64753	0.354342	1.29E+00
46	2.599383		0.369133	2.23		1.734044	0.369133	1.36E+00
47	2.604077		0.375604	2.23		1.796381	0.375604	1.42E+00
48	1.060315		0.216764	0.84		1.021322	0.216764	8.05E-01

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
49	1.163409		0.237634	0.93		1.108772	0.237634	8.71E-01
50	1.280367		0.26096	1.02		1.205387	0.26096	9.44E-01
51	1.412778		0.286735	1.13		1.311066	0.286735	1.02E+00
52	1.562114		0.314435	1.25		1.424904	0.314435	1.11E+00
53	1.729949		0.342757	1.39		1.544978	0.342757	1.20E+00
54	1.91958		0.369813	1.55		1.668843	0.369813	1.30E+00
55	2.1396		0.393698	1.75		1.793713	0.393698	1.40E+00
56	2.413667		0.413087	2.00		1.914315	0.413087	1.50E+00
57	2.845639		0.428089	2.42		2.021912	0.428089	1.59E+00
58	2.878838		0.433231	2.45		2.096471	0.433231	1.66E+00
59	1.163167		0.24345	0.92		1.127624	0.24345	8.84E-01
60	1.28474		0.269695	1.02		1.233827	0.269695	9.64E-01
61	1.423423		0.299385	1.12		1.352736	0.299385	1.05E+00
62	1.581005		0.332543	1.25		1.484689	0.332543	1.15E+00
63	1.758822		0.368426	1.39		1.628976	0.368426	1.26E+00
64	1.957457		0.404955	1.55		1.783054	0.404955	1.38E+00
65	2.17857		0.438976	1.74		1.943073	0.438976	1.50E+00
66	2.429859		0.467419	1.96		2.105135	0.467419	1.64E+00
67	2.73412		0.488481	2.25		2.262221	0.488481	1.77E+00
68	3.188947		0.502567	2.69		2.400631	0.502567	1.90E+00
69	3.244974		0.504768	2.74		2.491544	0.504768	1.99E+00
70	1.282394		0.275582	1.01		1.25104	0.275582	9.75E-01
71	1.42788		0.309331	1.12		1.381642	0.309331	1.07E+00
72	1.595455		0.348189	1.25		1.530271	0.348189	1.18E+00
73	1.787533		0.392225	1.40		1.69808	0.392225	1.31E+00
74	2.005894		0.44034	1.57		1.885028	0.44034	1.44E+00
75	2.250318		0.488955	1.76		2.087965	0.488955	1.60E+00
76	2.520073		0.5324	1.99		2.30072	0.5324	1.77E+00

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
77	2.821462		0.565698	2.26		2.51787	0.565698	1.95E+00
78	3.176023		0.586984	2.59		2.731125	0.586984	2.14E+00
79	3.669761		0.597964	3.07		2.918379	0.597964	2.32E+00
80	3.751204		0.594841	3.16		3.033257	0.594841	2.44E+00
81	1.421224		0.314672	1.11		1.394858	0.314672	1.08E+00
82	1.598227		0.359214	1.24		1.557646	0.359214	1.20E+00
83	1.805307		0.41189	1.39		1.746806	0.41189	1.33E+00
84	2.046251		0.472932	1.57		1.965017	0.472932	1.49E+00
85	2.324144		0.540609	1.78		2.213713	0.540609	1.67E+00
86	2.637996		0.607996	2.03		2.489129	0.607996	1.88E+00
87	2.983222		0.663816	2.32		2.781382	0.663816	2.12E+00
88	3.364776		0.700433	2.66		3.083942	0.700433	2.38E+00
89	3.805822		0.718191	3.09		3.390982	0.718191	2.67E+00
90	4.373476		0.722337	3.65		3.665626	0.722337	2.94E+00
91	4.491957		0.7106	3.78		3.821854	0.7106	3.11E+00
92	1.583555		0.362699	1.22		1.563017	0.362699	1.20E+00
93	1.802815		0.423346	1.38		1.768879	0.423346	1.35E+00
94	2.065477		0.498019	1.57		2.014791	0.498019	1.52E+00
95	2.378599		0.587873	1.79		2.306834	0.587873	1.72E+00
96	2.748168		0.690245	2.06		2.649505	0.690245	1.96E+00
97	3.170272		0.78891	2.38		3.036331	0.78891	2.25E+00
98	3.633484		0.858345	2.78		3.450956	0.858345	2.59E+00
99	4.148582		0.890762	3.26		3.893485	0.890762	3.00E+00
100	4.754346		0.896899	3.86		4.375715	0.896899	3.48E+00
101	5.485492		0.888849	4.60		4.834636	0.888849	3.95E+00
102	5.686903		0.864518	4.82		5.092072	0.864518	4.23E+00
103	2.713538		0.718974	1.99		2.650728	0.718974	1.93E+00
104	3.199686		0.875982	2.32		3.112456	0.875982	2.24E+00

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
105	3.858095		1.05671	2.80		3.738403	1.05671	2.68E+00
106	4.475819		1.12351	3.35		4.31098	1.12351	3.19E+00
107	5.33867		1.16756	4.17		5.112889	1.16756	3.95E+00
108	6.305105		1.147509	5.16		5.971387	1.147509	4.82E+00
109	7.457638		1.122764	6.33		6.88923	1.122764	5.77E+00
110	8.154844		1.082179	7.07		7.715872	1.082179	6.63E+00
111	2.324346		0.591813	1.73		2.280588	0.591813	1.69E+00
112	1.970051		0.480051	1.49		1.943671	0.480051	1.46E+00
					School - Teacher Receptors			
26	0.257283		0.024195	0.233088371				
27	0.279613		0.026113	0.253500172				
28	0.304935		0.028222	0.276712859				
29	0.33385		0.030516	0.30333392				
30	0.367267		0.032951	0.334316956				
31	0.406665		0.035441	0.371224622				
32	0.454465		0.03787	0.416595436				
33	0.514753		0.040115	0.474638286				
34	0.596233		0.042059	0.55417332				
35	0.732382		0.043604	0.688777354				
36	0.715955		0.044593	0.671362149				
37	0.278972		0.026815	0.252157893				
38	0.304549		0.029145	0.275403826				
39	0.333562		0.031725	0.30183711				
40	0.366551		0.034549	0.332001993				
41	0.404224		0.037561	0.366662607				
42	0.447635		0.040638	0.406996857				
43	0.498582		0.043606	0.454975925				
44	0.560423		0.046285	0.514137819				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
45	0.641089		0.048513	0.592576292				
46	0.774162		0.050172	0.723990671				
47	0.774501		0.051087	0.723413895				
48	0.303746		0.02991	0.273836176				
49	0.333316		0.032788	0.300528168				
50	0.366926		0.036002	0.330923318				
51	0.40509		0.03955	0.365539481				
52	0.448381		0.043356	0.405025414				
53	0.497549		0.047235	0.450314343				
54	0.554009		0.050919	0.503090124				
55	0.620891		0.054131	0.566760381				
56	0.706084		0.056649	0.64943443				
57	0.84314		0.058348	0.784792671				
58	0.852961		0.059061	0.793900825				
59	0.332162		0.0336	0.298561415				
60	0.36673		0.037223	0.329507289				
61	0.406207		0.041319	0.364888786				
62	0.451168		0.045888	0.405279673				
63	0.50218		0.050825	0.451354906				
64	0.559817		0.055839	0.503978166				
65	0.625199		0.060486	0.564712598				
66	0.701383		0.06433	0.637053605				
67	0.796071		0.067084	0.728986467				
68	0.940727		0.068665	0.872061229				
69	0.958498		0.068964	0.889534412				
70	0.364881		0.038047	0.326834263				
71	0.405816		0.042709	0.363106881				
72	0.452966		0.048075	0.404891416				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
73	0.507099		0.054149	0.452949082				
74	0.568992		0.060777	0.508215144				
75	0.639239		0.06746	0.571779137				
76	0.718654		0.073409	0.645244444				
77	0.810199		0.077926	0.732273028				
78	0.921179		0.080717	0.840462028				
79	1.079056		0.08188	0.997176636				
80	1.106069		0.08144	1.024628652				
81	0.402671		0.043458	0.359212215				
82	0.451831		0.049619	0.402212425				
83	0.509236		0.056901	0.452335417				
84	0.576064		0.065328	0.510735723				
85	0.653634		0.074657	0.578976688				
86	0.742916		0.083931	0.658984848				
87	0.844522		0.091589	0.752933058				
88	0.961475		0.096568	0.864907509				
89	1.101194		0.098878	1.002316466				
90	1.284357		0.099113	1.185244084				
91	1.325004		0.097488	1.22751604				
92	0.446432		0.050114	0.396318358				
93	0.506324		0.058517	0.447807688				
94	0.577687		0.068854	0.508833294				
95	0.662575		0.081264	0.581311108				
96	0.76343		0.095381	0.668049325				
97	0.882012		0.108967	0.773044999				
98	1.019378		0.118504	0.900874467				
99	1.180472		0.122908	1.057563728				
100	1.375843		0.123627	1.252216508				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
101	1.614378		0.122201	1.492176538				
102	1.684314		0.118856	1.565457494				
103	0.746915		0.099433	0.647481571				
104	0.875413		0.121085	0.754327866				
105	1.055398		0.146003	0.909394409				
106	1.243415		0.155178	1.088237088				
107	1.515255		0.161216	1.354038665				
108	1.832616		0.158341	1.674275019				
109	2.21113		0.154683	2.056446733				
110	2.445125		0.149174	2.295950653				
111	0.644295		0.081875	0.562420401				
112	0.550073		0.066385	0.483688422				
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
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Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
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0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
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0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk					
Receptor #	Total Per/Million	Rec#	Const. Risk	Operational Risk (Haul 1&3)	Operational Risk (Haul 2&3)	Total	Const. Risk	Operational Risk (Haul 2&3)
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
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0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				
0	0		0	0				

Shiolh Business Park

Unmitigated - Construction Risk Summary

				Chronic Non Cancer Risk		
Receptor #	**Max Chronic**	**Rec#**		**Const. Risk**	**Operational Risk (Haul 1&3)**	
	0.0013	**278**	**<-Max**	**0.00092**	**0.00131**	**Residential**
	0.0163	**110**		**0.01084**	**0.00000**	**School - Student**
	0.0163	**110**		**0.01087**	**0.01635**	**School - Teacher**
						Residential Receptors
1	0.000235			0.00015	0.000235	
2	0.000257			0.000159	0.000257	
3	0.000285			0.000168	0.000285	
4	0.000318			0.000178	0.000318	
5	0.000361			0.00019	0.000361	
6	0.000234			0.000148	0.000234	
7	0.000255			0.000156	0.000255	
8	0.000282			0.000165	0.000282	
9	0.000315			0.000176	0.000315	
10	0.000358			0.000187	0.000358	
11	0.000231			0.000146	0.000231	
12	0.000253			0.000154	0.000253	
13	0.000279			0.000163	0.000279	
14	0.000312			0.000173	0.000312	
15	0.000355			0.000184	0.000355	
16	0.000229			0.000143	0.000229	
17	0.00025			0.000151	0.00025	
18	0.000276			0.00016	0.000276	
19	0.000308			0.00017	0.000308	
20	0.000351			0.00018	0.000351	
21	0.000226			0.000141	0.000226	
22	0.000248			0.000149	0.000248	
23	0.000274			0.000158	0.000274	
24	0.000306			0.000167	0.000306	

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
25	0.000347		0.000177	0.000347
113	0.001076		0.000806	0.001076
114	0.000977		0.000734	0.000977
115	0.00089		0.00067	0.00089
116	0.000811		0.000612	0.000811
117	0.001044		0.000835	0.001044
118	0.000945		0.000755	0.000945
119	0.000858		0.000684	0.000858
120	0.00078		0.000622	0.00078
121	0.001019		0.00086	0.001019
122	0.00092		0.000772	0.00092
123	0.000833		0.000696	0.000833
124	0.000757		0.00063	0.000757
125	0.001		0.00088	0.001
126	0.0009		0.000785	0.0009
127	0.000814		0.000704	0.000814
128	0.000739		0.000636	0.000739
129	0.000984		0.000894	0.000984
130	0.000884		0.000794	0.000884
131	0.000798		0.00071	0.000798
132	0.000724		0.000639	0.000724
133	0.000971		0.000904	0.000971
134	0.00087		0.000801	0.00087
135	0.000785		0.000714	0.000785
136	0.000711		0.000642	0.000711
137	0.000958		0.000911	0.000958
138	0.000773		0.000717	0.000773
139	0.0007		0.000643	0.0007

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
140	0.000919		0.000916	0.000919
141	0.000821		0.000807	0.000821
142	0.000739		0.000717	0.000739
143	0.000669		0.000643	0.000669
144	0.000911		0.000911	0.000903
145	0.000807		0.000803	0.000807
146	0.000726		0.000714	0.000726
147	0.000658		0.00064	0.000658
148	0.000903		0.000903	0.000884
149	0.000796		0.000796	0.00079
150	0.000712		0.000708	0.000712
151	0.000645		0.000635	0.000645
152	0.00089		0.00089	0.00086
153	0.000785		0.000785	0.000771
154	0.000699		0.000699	0.000695
155	0.000631		0.000628	0.000631
156	0.000871		0.000871	0.000833
157	0.00077		0.00077	0.000748
158	0.000687		0.000687	0.000677
159	0.000618		0.000618	0.000615
160	0.000845		0.000845	0.0008
161	0.000751		0.000751	0.000722
162	0.000672		0.000672	0.000655
163	0.000605		0.000605	0.000597
164	0.000813		0.000813	0.000762
165	0.000725		0.000725	0.000691
166	0.000651		0.000651	0.000629
167	0.000588		0.000588	0.000576

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
168	0.000773		0.000773	0.000722
169	0.000695		0.000695	0.000657
170	0.000626		0.000626	0.000601
171	0.000569		0.000569	0.000553
172	0.00073		0.00073	0.000684
173	0.00066		0.00066	0.000625
174	0.000599		0.000599	0.000574
175	0.000546		0.000546	0.000529
176	0.000685		0.000685	0.000645
177	0.000623		0.000623	0.000593
178	0.000568		0.000568	0.000547
179	0.000521		0.000521	0.000506
180	0.000641		0.000641	0.000607
181	0.000585		0.000585	0.00056
182	0.000536		0.000536	0.000518
183	0.000494		0.000494	0.000482
184	0.000858		0.000858	0.00079
185	0.000761		0.000761	0.000702
186	0.000687		0.000687	0.000644
187	0.000625		0.000625	0.000592
188	0.000571		0.000571	0.000548
189	0.00078		0.00078	0.00071
190	0.000703		0.000703	0.000651
191	0.000638		0.000638	0.0006
192	0.000582		0.000582	0.000555
193	0.000534		0.000534	0.000515
194	0.000717		0.000717	0.000656
195	0.00065		0.00065	0.000605

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
196	0.000592		0.000592	0.000559
197	0.000542		0.000542	0.000519
198	0.000499		0.000499	0.000484
199	0.000662		0.000662	0.000609
200	0.000603		0.000603	0.000563
201	0.000551		0.000551	0.000522
202	0.000506		0.000506	0.000486
203	0.000467		0.000467	0.000454
204	0.000914		0.000914	0.000809
205	0.000614		0.000614	0.000569
206	0.000561		0.000561	0.000526
207	0.000514		0.000514	0.000489
208	0.000474		0.000474	0.000456
209	0.000827		0.000827	0.000745
210	0.000751		0.000751	0.000682
211	0.000684		0.000684	0.000626
212	0.000624		0.000624	0.000577
213	0.000571		0.000571	0.000533
214	0.000524		0.000524	0.000494
215	0.000482		0.000482	0.00046
216	0.000804		0.000804	0.000747
217	0.000742		0.000742	0.000689
218	0.000684		0.000684	0.000636
219	0.000631		0.000631	0.000589
220	0.000582		0.000582	0.000546
221	0.000538		0.000538	0.000507
222	0.000726		0.000726	0.000686
223	0.000674		0.000674	0.000636

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
224	0.000626		0.000626	0.00059
225	0.000581		0.000581	0.000549
226	0.000539		0.000539	0.000511
227	0.00066		0.00066	0.000633
228	0.000615		0.000615	0.000588
229	0.000575		0.000575	0.000548
230	0.000536		0.000536	0.000512
231	0.000602		0.000602	0.000584
232	0.000565		0.000565	0.000546
233	0.00053		0.00053	0.000511
234	0.000496		0.000496	0.000478
235	0.000552		0.000552	0.000541
236	0.00052		0.00052	0.000508
237	0.00049		0.00049	0.000476
238	0.000461		0.000461	0.000448
239	0.000509		0.000509	0.000502
240	0.000481		0.000481	0.000472
241	0.000454		0.000454	0.000445
242	0.000429		0.000429	0.00042
243	0.000748		0.000616	0.000748
244	0.000711		0.000619	0.000711
245	0.000675		0.000615	0.000675
246	0.000638		0.000602	0.000638
247	0.000602		0.000583	0.000602
248	0.000567		0.000559	0.000567
249	0.000535		0.000534	0.000535
250	0.000679		0.000565	0.000679
251	0.000648		0.000568	0.000648

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
252	0.000617		0.000563	0.000617
253	0.000585		0.000551	0.000585
254	0.000554		0.000534	0.000554
255	0.000524		0.000514	0.000524
256	0.000495		0.000492	0.000495
257	0.00062		0.000521	0.00062
258	0.000594		0.000522	0.000594
259	0.000566		0.000518	0.000566
260	0.000539		0.000508	0.000539
261	0.000511		0.000493	0.000511
262	0.000485		0.000475	0.000485
263	0.000459		0.000455	0.000459
264	0.000569		0.000483	0.000569
265	0.000546		0.000483	0.000546
266	0.000522		0.000478	0.000522
267	0.000498		0.000469	0.000498
268	0.000474		0.000456	0.000474
269	0.000451		0.000441	0.000451
270	0.000428		0.000423	0.000428
271	0.000525		0.000448	0.000525
272	0.000505		0.000448	0.000505
273	0.000484		0.000444	0.000484
274	0.000462		0.000435	0.000462
275	0.000441		0.000424	0.000441
276	0.000421		0.00041	0.000421
277	0.0004		0.000395	0.0004
278	0.001305		0.000326	0.001305
279	0.001247		0.000335	0.001247

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
280	0.001173		0.000362	0.001173
281	0.001093		0.000356	0.001093
282	0.001188		0.000387	0.001188
283	0.001024		0.000329	0.001024
				School - Student Receptors
26	0.00166		0.001637	0.00166
27	0.001805		0.001768	0.001805
28	0.00197		0.001911	0.00197
29	0.00216		0.002067	0.00216
30	0.002381		0.002233	0.002381
31	0.002643		0.002404	0.002643
32	0.002966		0.002573	0.002966
33	0.00338		0.002734	0.00338
34	0.003946		0.002883	0.003946
35	0.004904		0.00303	0.004904
36	0.00478		0.003089	0.00478
37	0.001813		0.001813	0.001795
38	0.001972		0.001972	0.001961
39	0.002149		0.002147	0.002149
40	0.002364		0.002339	0.002364
41	0.002611		0.002544	0.002611
42	0.002898		0.002754	0.002898
43	0.00324		0.002959	0.00324
44	0.003661		0.003148	0.003661
45	0.004219		0.003314	0.004219
46	0.005155		0.003465	0.005155
47	0.005151		0.003524	0.005151
48	0.002022		0.002022	0.00195

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
49	0.002217		0.002217	0.00214
50	0.002436		0.002436	0.002356
51	0.002676		0.002676	0.002603
52	0.002934		0.002934	0.002884
53	0.003206		0.003198	0.003206
54	0.003582		0.00345	0.003582
55	0.004036		0.003674	0.004036
56	0.004624		0.003859	0.004624
57	0.005588		0.004011	0.005588
58	0.005653		0.004059	0.005653
59	0.002271		0.002271	0.002126
60	0.002517		0.002517	0.002346
61	0.002795		0.002795	0.002598
62	0.003104		0.003104	0.002886
63	0.003437		0.003437	0.003214
64	0.003776		0.003776	0.003589
65	0.004092		0.004092	0.004021
66	0.004536		0.004358	0.004536
67	0.005191		0.004558	0.005191
68	0.00621		0.004701	0.00621
69	0.006334		0.004722	0.006334
70	0.002571		0.002571	0.002327
71	0.002888		0.002888	0.002585
72	0.003251		0.003251	0.002883
73	0.003662		0.003662	0.003225
74	0.004108		0.004108	0.003619
75	0.004557		0.004557	0.004071
76	0.004959		0.004959	0.004594

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
77	0.005269		0.005269	0.005214
78	0.005985		0.005471	0.005985
79	0.0071		0.005585	0.0071
80	0.007296		0.005557	0.007296
81	0.002937		0.002937	0.002558
82	0.003357		0.003357	0.002864
83	0.003851		0.003851	0.003221
84	0.004419		0.004419	0.003637
85	0.005044		0.005044	0.004123
86	0.005664		0.005664	0.004692
87	0.006178		0.006178	0.005361
88	0.006518		0.006518	0.006159
89	0.007137		0.006687	0.007137
90	0.00844		0.006738	0.00844
91	0.008741		0.00663	0.008741
92	0.003391		0.003391	0.002822
93	0.003967		0.003967	0.003189
94	0.00467		0.00467	0.003623
95	0.005503		0.005503	0.004139
96	0.006443		0.006443	0.004757
97	0.007346		0.007346	0.005504
98	0.007983		0.007983	0.006415
99	0.008284		0.008284	0.00753
100	0.008916		0.008347	0.008916
101	0.010625		0.008284	0.010625
102	0.011147		0.008057	0.011147
103	0.006719		0.006719	0.00461
104	0.008154		0.008154	0.005371

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
105	0.00981		0.00981	0.006475
106	0.010424		0.010424	0.007749
107	0.010837		0.010837	0.009641
108	0.011922		0.010661	0.011922
109	0.014643		0.010466	0.014643
110	0.016348		0.010078	0.016348
111	0.00555		0.00555	0.004005
112	0.004498		0.004498	0.003444
				School - Teacher Receptors
26	0.00166		0.001639	0.00166
27	0.001805		0.001769	0.001805
28	0.00197		0.001913	0.00197
29	0.00216		0.002068	0.00216
30	0.002381		0.002233	0.002381
31	0.002643		0.0024	0.002643
32	0.002966		0.002564	0.002966
33	0.00338		0.002715	0.00338
34	0.003946		0.002845	0.003946
35	0.004904		0.002949	0.004904
36	0.00478		0.003016	0.00478
37	0.001816		0.001816	0.001795
38	0.001975		0.001975	0.001961
39	0.00215		0.00215	0.002149
40	0.002364		0.002341	0.002364
41	0.002611		0.002545	0.002611
42	0.002898		0.002752	0.002898
43	0.00324		0.002952	0.00324
44	0.003661		0.003132	0.003661

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
45	0.004219		0.003281	0.004219
46	0.005155		0.003392	0.005155
47	0.005151		0.003454	0.005151
48	0.002026		0.002026	0.00195
49	0.002222		0.002222	0.00214
50	0.00244		0.00244	0.002356
51	0.002681		0.002681	0.002603
52	0.002938		0.002938	0.002884
53	0.003206		0.003199	0.003206
54	0.003582		0.003446	0.003582
55	0.004036		0.003661	0.004036
56	0.004624		0.00383	0.004624
57	0.005588		0.003944	0.005588
58	0.005653		0.003992	0.005653
59	0.002277		0.002277	0.002126
60	0.002523		0.002523	0.002346
61	0.002802		0.002802	0.002598
62	0.003112		0.003112	0.002886
63	0.003444		0.003444	0.003214
64	0.003781		0.003781	0.003589
65	0.004092		0.004092	0.004021
66	0.004536		0.00435	0.004536
67	0.005191		0.004534	0.005191
68	0.00621		0.00464	0.00621
69	0.006334		0.00466	0.006334
70	0.002579		0.002579	0.002327
71	0.002897		0.002897	0.002585
72	0.003263		0.003263	0.002883

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
73	0.003675		0.003675	0.003225
74	0.00412		0.00412	0.003619
75	0.004568		0.004568	0.004071
76	0.004965		0.004965	0.004594
77	0.005267		0.005267	0.005214
78	0.005985		0.005454	0.005985
79	0.0071		0.005532	0.0071
80	0.007296		0.005502	0.007296
81	0.002949		0.002949	0.002558
82	0.003372		0.003372	0.002864
83	0.00387		0.00387	0.003221
84	0.00444		0.00444	0.003637
85	0.005065		0.005065	0.004123
86	0.005683		0.005683	0.004692
87	0.006193		0.006193	0.005361
88	0.006525		0.006525	0.006159
89	0.007137		0.00668	0.007137
90	0.00844		0.006695	0.00844
91	0.008741		0.006586	0.008741
92	0.003408		0.003408	0.002822
93	0.003992		0.003992	0.003189
94	0.004702		0.004702	0.003623
95	0.005538		0.005538	0.004139
96	0.006478		0.006478	0.004757
97	0.007379		0.007379	0.005504
98	0.008011		0.008011	0.006415
99	0.008305		0.008305	0.00753
100	0.008916		0.008354	0.008916

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Chronic Non Cancer Risk	
Receptor #	Max Chronic	Rec#	Const. Risk	Operational Risk (Haul 1&3)
101	0.010625		0.008258	0.010625
102	0.011147		0.008031	0.011147
103	0.006767		0.006767	0.00461
104	0.008201		0.008201	0.005371
105	0.009856		0.009856	0.006475
106	0.010465		0.010465	0.007749
107	0.010875		0.010875	0.009641
108	0.011922		0.010687	0.011922
109	0.014643		0.010471	0.014643
110	0.016348		0.01009	0.016348
111	0.005595		0.005595	0.004005
112	0.00453		0.00453	0.003444
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0
0	0		0	0

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#		Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating	
	0.567	204	<-Max	0.00142	0.00022	0.00322	0.00230	0.55800	0.00224	0.00124	Residential
	1.17	107		0.00157	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	School - Student
	0.16	107		0.00007	0.00009	0.00126	0.00054	0.15783	0.00121	0.00035	School - Teacher
						Residential Receptors					
1	9.224E-02			2.21E-04	3.74E-05	7.06E-04	3.99E-04	0.09	5.67E-04	2.00E-04	
2	9.733E-02			2.48E-04	3.95E-05	7.71E-04	4.25E-04	0.10	6.22E-04	2.11E-04	
3	1.030E-01			2.82E-04	4.19E-05	8.52E-04	4.56E-04	0.10	6.92E-04	2.23E-04	
4	1.092E-01			3.27E-04	4.44E-05	9.54E-04	4.90E-04	0.11	7.80E-04	2.36E-04	
5	1.161E-01			3.89E-04	4.73E-05	1.09E-03	5.28E-04	0.11	8.98E-04	2.51E-04	
6	9.083E-02			2.18E-04	3.69E-05	6.95E-04	3.99E-04	0.09	5.58E-04	1.97E-04	
7	9.575E-02			2.43E-04	3.89E-05	7.58E-04	4.26E-04	0.09	6.11E-04	2.08E-04	
8	1.012E-01			2.76E-04	4.12E-05	8.35E-04	4.57E-04	0.10	6.77E-04	2.19E-04	
9	1.073E-01			3.19E-04	4.37E-05	9.33E-04	4.92E-04	0.10	7.62E-04	2.32E-04	
10	1.140E-01			3.76E-04	4.64E-05	1.06E-03	5.32E-04	0.11	8.73E-04	2.46E-04	
11	8.933E-02			2.13E-04	3.63E-05	6.81E-04	4.00E-04	0.09	5.46E-04	1.94E-04	
12	9.414E-02			2.37E-04	3.83E-05	7.41E-04	4.28E-04	0.09	5.97E-04	2.04E-04	
13	9.947E-02			2.68E-04	4.05E-05	8.14E-04	4.59E-04	0.10	6.60E-04	2.16E-04	
14	1.055E-01			3.08E-04	4.29E-05	9.08E-04	4.96E-04	0.10	7.41E-04	2.28E-04	
15	1.120E-01			3.62E-04	4.56E-05	1.03E-03	5.37E-04	0.11	8.44E-04	2.42E-04	
16	8.786E-02			2.07E-04	3.57E-05	6.67E-04	4.01E-04	0.09	5.34E-04	1.91E-04	
17	9.260E-02			2.30E-04	3.76E-05	7.24E-04	4.30E-04	0.09	5.83E-04	2.01E-04	
18	9.778E-02			2.59E-04	3.98E-05	7.94E-04	4.62E-04	0.10	6.42E-04	2.12E-04	
19	1.034E-01			2.96E-04	4.21E-05	8.79E-04	4.99E-04	0.10	7.16E-04	2.24E-04	
20	1.099E-01			3.47E-04	4.47E-05	9.93E-04	5.42E-04	0.11	8.15E-04	2.38E-04	
21	8.646E-02			2.02E-04	3.51E-05	6.52E-04	4.03E-04	0.08	5.22E-04	1.88E-04	
22	9.108E-02			2.24E-04	3.70E-05	7.07E-04	4.33E-04	0.09	5.68E-04	1.98E-04	
23	9.617E-02			2.51E-04	3.91E-05	7.73E-04	4.66E-04	0.09	6.25E-04	2.08E-04	
24	1.017E-01			2.86E-04	4.14E-05	8.56E-04	5.04E-04	0.10	6.96E-04	2.20E-04	
25	1.079E-01			3.33E-04	4.39E-05	9.61E-04	5.48E-04	0.10	7.87E-04	2.33E-04	
113	4.982E-01			4.84E-04	1.95E-04	2.73E-03	2.01E-03	0.49	2.06E-03	1.09E-03	
114	4.538E-01			4.41E-04	1.77E-04	2.47E-03	1.83E-03	0.45	1.85E-03	9.91E-04	
115	4.139E-01			4.03E-04	1.61E-04	2.24E-03	1.66E-03	0.41	1.68E-03	9.04E-04	

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
116	3.782E-01		3.71E-04	1.47E-04	2.04E-03	1.52E-03	0.37	1.52E-03	8.26E-04
117	5.162E-01		4.95E-04	2.01E-04	2.81E-03	2.08E-03	0.51	2.12E-03	1.13E-03
118	4.667E-01		4.49E-04	1.81E-04	2.52E-03	1.88E-03	0.46	1.89E-03	1.02E-03
119	4.230E-01		4.09E-04	1.64E-04	2.28E-03	1.70E-03	0.42	1.71E-03	9.24E-04
120	3.846E-01		3.75E-04	1.49E-04	2.07E-03	1.55E-03	0.38	1.54E-03	8.40E-04
121	5.315E-01		5.04E-04	2.07E-04	2.87E-03	2.14E-03	0.52	2.16E-03	1.16E-03
122	4.772E-01		4.55E-04	1.85E-04	2.57E-03	1.92E-03	0.47	1.93E-03	1.04E-03
123	4.302E-01		4.14E-04	1.67E-04	2.31E-03	1.73E-03	0.42	1.73E-03	9.40E-04
124	3.894E-01		3.79E-04	1.51E-04	2.09E-03	1.57E-03	0.38	1.56E-03	8.51E-04
125	5.437E-01		5.10E-04	2.11E-04	2.92E-03	2.19E-03	0.53	2.20E-03	1.19E-03
126	4.852E-01		4.60E-04	1.88E-04	2.60E-03	1.96E-03	0.48	1.95E-03	1.06E-03
127	4.354E-01		4.18E-04	1.69E-04	2.33E-03	1.76E-03	0.43	1.74E-03	9.51E-04
128	3.927E-01		3.81E-04	1.52E-04	2.10E-03	1.59E-03	0.39	1.57E-03	8.58E-04
129	5.527E-01		5.15E-04	2.14E-04	2.96E-03	2.23E-03	0.54	2.22E-03	1.21E-03
130	4.909E-01		4.63E-04	1.90E-04	2.62E-03	1.99E-03	0.48	1.96E-03	1.07E-03
131	4.389E-01		4.20E-04	1.70E-04	2.35E-03	1.78E-03	0.43	1.75E-03	9.59E-04
132	3.950E-01		3.82E-04	1.53E-04	2.11E-03	1.61E-03	0.39	1.57E-03	8.63E-04
133	5.590E-01		5.17E-04	2.16E-04	2.98E-03	2.26E-03	0.55	2.23E-03	1.22E-03
134	4.947E-01		4.65E-04	1.91E-04	2.64E-03	2.01E-03	0.49	1.97E-03	1.08E-03
135	4.413E-01		4.20E-04	1.71E-04	2.35E-03	1.80E-03	0.43	1.75E-03	9.64E-04
136	3.965E-01		3.82E-04	1.54E-04	2.12E-03	1.62E-03	0.39	1.57E-03	8.66E-04
137	5.631E-01		5.17E-04	2.18E-04	2.99E-03	2.28E-03	0.55	2.24E-03	1.23E-03
138	4.428E-01		4.19E-04	1.72E-04	2.36E-03	1.81E-03	0.44	1.76E-03	9.67E-04
139	3.975E-01		3.81E-04	1.54E-04	2.12E-03	1.62E-03	0.39	1.57E-03	8.68E-04
140	5.659E-01		5.00E-04	2.18E-04	2.95E-03	2.30E-03	0.56	2.20E-03	1.24E-03
141	4.985E-01		4.51E-04	1.92E-04	2.61E-03	2.03E-03	0.49	1.94E-03	1.09E-03
142	4.433E-01		4.09E-04	1.71E-04	2.33E-03	1.81E-03	0.44	1.72E-03	9.69E-04
143	3.976E-01		3.73E-04	1.53E-04	2.09E-03	1.62E-03	0.39	1.55E-03	8.69E-04
144	5.632E-01		4.91E-04	2.16E-04	2.91E-03	2.29E-03	0.55	2.16E-03	1.23E-03
145	4.961E-01		4.44E-04	1.91E-04	2.58E-03	2.03E-03	0.49	1.91E-03	1.08E-03
146	4.412E-01		4.03E-04	1.70E-04	2.30E-03	1.80E-03	0.43	1.70E-03	9.64E-04
147	3.956E-01		3.68E-04	1.52E-04	2.07E-03	1.62E-03	0.39	1.53E-03	8.64E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
148	5.579E-01		4.82E-04	2.13E-04	2.86E-03	2.29E-03	0.55	2.11E-03	1.22E-03
149	4.916E-01		4.36E-04	1.88E-04	2.53E-03	2.02E-03	0.48	1.87E-03	1.07E-03
150	4.374E-01		3.96E-04	1.68E-04	2.27E-03	1.80E-03	0.43	1.67E-03	9.56E-04
151	3.923E-01		3.63E-04	1.51E-04	2.04E-03	1.61E-03	0.39	1.50E-03	8.57E-04
152	5.496E-01		4.71E-04	2.09E-04	2.79E-03	2.27E-03	0.54	2.05E-03	1.20E-03
153	4.849E-01		4.27E-04	1.85E-04	2.48E-03	2.01E-03	0.48	1.82E-03	1.06E-03
154	4.317E-01		3.89E-04	1.65E-04	2.22E-03	1.79E-03	0.42	1.63E-03	9.43E-04
155	3.875E-01		3.57E-04	1.49E-04	2.01E-03	1.61E-03	0.38	1.47E-03	8.47E-04
156	5.379E-01		4.61E-04	2.04E-04	2.71E-03	2.24E-03	0.53	1.98E-03	1.18E-03
157	4.756E-01		4.18E-04	1.81E-04	2.42E-03	1.99E-03	0.47	1.76E-03	1.04E-03
158	4.242E-01		3.82E-04	1.62E-04	2.17E-03	1.78E-03	0.42	1.59E-03	9.27E-04
159	3.812E-01		3.50E-04	1.46E-04	1.96E-03	1.60E-03	0.37	1.44E-03	8.33E-04
160	5.220E-01		4.51E-04	1.97E-04	2.61E-03	2.19E-03	0.51	1.89E-03	1.14E-03
161	4.633E-01		4.10E-04	1.75E-04	2.34E-03	1.95E-03	0.46	1.70E-03	1.01E-03
162	4.144E-01		3.74E-04	1.58E-04	2.11E-03	1.75E-03	0.41	1.53E-03	9.06E-04
163	3.732E-01		3.44E-04	1.43E-04	1.91E-03	1.58E-03	0.37	1.39E-03	8.16E-04
164	5.017E-01		4.42E-04	1.88E-04	2.50E-03	2.11E-03	0.49	1.80E-03	1.10E-03
165	4.477E-01		4.01E-04	1.69E-04	2.25E-03	1.89E-03	0.44	1.62E-03	9.78E-04
166	4.016E-01		3.67E-04	1.52E-04	2.04E-03	1.70E-03	0.39	1.47E-03	8.78E-04
167	3.629E-01		3.37E-04	1.38E-04	1.85E-03	1.54E-03	0.36	1.34E-03	7.93E-04
168	4.776E-01		4.31E-04	1.79E-04	2.38E-03	2.01E-03	0.47	1.71E-03	1.04E-03
169	4.287E-01		3.92E-04	1.62E-04	2.15E-03	1.81E-03	0.42	1.55E-03	9.37E-04
170	3.865E-01		3.59E-04	1.46E-04	1.96E-03	1.64E-03	0.38	1.41E-03	8.45E-04
171	3.510E-01		3.30E-04	1.33E-04	1.79E-03	1.50E-03	0.35	1.29E-03	7.67E-04
172	4.509E-01		4.21E-04	1.70E-04	2.26E-03	1.89E-03	0.44	1.62E-03	9.86E-04
173	4.073E-01		3.83E-04	1.54E-04	2.05E-03	1.72E-03	0.40	1.47E-03	8.90E-04
174	3.694E-01		3.51E-04	1.40E-04	1.87E-03	1.57E-03	0.36	1.34E-03	8.07E-04
175	3.371E-01		3.23E-04	1.28E-04	1.72E-03	1.44E-03	0.33	1.23E-03	7.37E-04
176	4.233E-01		4.09E-04	1.60E-04	2.14E-03	1.77E-03	0.42	1.53E-03	9.25E-04
177	3.844E-01		3.73E-04	1.46E-04	1.95E-03	1.62E-03	0.38	1.39E-03	8.40E-04
178	3.506E-01		3.43E-04	1.33E-04	1.78E-03	1.48E-03	0.34	1.28E-03	7.66E-04
179	3.216E-01		3.16E-04	1.22E-04	1.64E-03	1.37E-03	0.32	1.18E-03	7.03E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
180	3.958E-01		3.95E-04	1.51E-04	2.02E-03	1.64E-03	0.39	1.45E-03	8.65E-04
181	3.610E-01		3.63E-04	1.38E-04	1.85E-03	1.51E-03	0.36	1.32E-03	7.89E-04
182	3.309E-01		3.33E-04	1.26E-04	1.70E-03	1.39E-03	0.33	1.21E-03	7.23E-04
183	3.051E-01		3.08E-04	1.16E-04	1.57E-03	1.29E-03	0.30	1.12E-03	6.67E-04
184	5.300E-01		4.74E-04	1.98E-04	2.63E-03	2.21E-03	0.52	1.88E-03	1.16E-03
185	4.707E-01		4.71E-04	1.80E-04	2.40E-03	1.90E-03	0.46	1.72E-03	1.03E-03
186	4.247E-01		4.28E-04	1.63E-04	2.17E-03	1.74E-03	0.42	1.56E-03	9.28E-04
187	3.859E-01		3.92E-04	1.48E-04	1.98E-03	1.59E-03	0.38	1.42E-03	8.43E-04
188	3.525E-01		3.59E-04	1.35E-04	1.81E-03	1.47E-03	0.35	1.30E-03	7.70E-04
189	4.827E-01		4.92E-04	1.86E-04	2.48E-03	1.91E-03	0.47	1.77E-03	1.05E-03
190	4.347E-01		4.48E-04	1.68E-04	2.24E-03	1.74E-03	0.43	1.61E-03	9.50E-04
191	3.943E-01		4.09E-04	1.52E-04	2.04E-03	1.60E-03	0.39	1.46E-03	8.62E-04
192	3.598E-01		3.76E-04	1.39E-04	1.87E-03	1.47E-03	0.35	1.34E-03	7.86E-04
193	3.297E-01		3.46E-04	1.27E-04	1.71E-03	1.36E-03	0.32	1.23E-03	7.20E-04
194	4.440E-01		4.63E-04	1.72E-04	2.30E-03	1.75E-03	0.44	1.65E-03	9.70E-04
195	4.021E-01		4.24E-04	1.56E-04	2.09E-03	1.60E-03	0.40	1.50E-03	8.79E-04
196	3.662E-01		3.90E-04	1.42E-04	1.91E-03	1.47E-03	0.36	1.37E-03	8.00E-04
197	3.350E-01		3.59E-04	1.30E-04	1.76E-03	1.36E-03	0.33	1.26E-03	7.32E-04
198	3.085E-01		3.32E-04	1.20E-04	1.62E-03	1.26E-03	0.30	1.16E-03	6.74E-04
199	4.100E-01		4.35E-04	1.60E-04	2.14E-03	1.61E-03	0.40	1.53E-03	8.96E-04
200	3.730E-01		4.00E-04	1.46E-04	1.96E-03	1.48E-03	0.37	1.40E-03	8.15E-04
201	3.408E-01		3.69E-04	1.33E-04	1.80E-03	1.36E-03	0.34	1.29E-03	7.45E-04
202	3.130E-01		3.42E-04	1.22E-04	1.66E-03	1.26E-03	0.31	1.19E-03	6.84E-04
203	2.890E-01		3.18E-04	1.13E-04	1.53E-03	1.18E-03	0.28	1.10E-03	6.31E-04
204	5.672E-01		5.99E-04	2.20E-04	2.91E-03	2.16E-03	0.56	2.04E-03	1.24E-03
205	3.801E-01		4.09E-04	1.48E-04	1.99E-03	1.49E-03	0.37	1.42E-03	8.31E-04
206	3.473E-01		3.77E-04	1.36E-04	1.83E-03	1.37E-03	0.34	1.31E-03	7.59E-04
207	3.182E-01		3.49E-04	1.25E-04	1.69E-03	1.27E-03	0.31	1.21E-03	6.95E-04
208	2.932E-01		3.24E-04	1.15E-04	1.56E-03	1.18E-03	0.29	1.12E-03	6.41E-04
209	5.129E-01		5.53E-04	1.99E-04	2.65E-03	1.96E-03	0.50	1.86E-03	1.12E-03
210	4.658E-01		5.01E-04	1.81E-04	2.42E-03	1.79E-03	0.46	1.70E-03	1.02E-03
211	4.238E-01		4.56E-04	1.65E-04	2.21E-03	1.64E-03	0.42	1.56E-03	9.26E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
212	3.867E-01		4.17E-04	1.50E-04	2.02E-03	1.50E-03	0.38	1.43E-03	8.45E-04
213	3.538E-01		3.84E-04	1.38E-04	1.86E-03	1.38E-03	0.35	1.32E-03	7.73E-04
214	3.243E-01		3.55E-04	1.27E-04	1.72E-03	1.28E-03	0.32	1.22E-03	7.09E-04
215	2.984E-01		3.29E-04	1.17E-04	1.59E-03	1.18E-03	0.29	1.13E-03	6.52E-04
216	4.979E-01		5.74E-04	1.96E-04	2.62E-03	1.96E-03	0.49	1.84E-03	1.09E-03
217	4.598E-01		5.21E-04	1.80E-04	2.42E-03	1.79E-03	0.45	1.70E-03	1.00E-03
218	4.236E-01		4.76E-04	1.66E-04	2.23E-03	1.65E-03	0.42	1.57E-03	9.26E-04
219	3.910E-01		4.36E-04	1.53E-04	2.06E-03	1.52E-03	0.38	1.45E-03	8.55E-04
220	3.608E-01		4.00E-04	1.41E-04	1.90E-03	1.40E-03	0.35	1.34E-03	7.88E-04
221	3.332E-01		3.68E-04	1.30E-04	1.76E-03	1.30E-03	0.33	1.24E-03	7.28E-04
222	4.496E-01		5.26E-04	1.78E-04	2.39E-03	1.78E-03	0.44	1.68E-03	9.82E-04
223	4.175E-01		4.83E-04	1.64E-04	2.21E-03	1.64E-03	0.41	1.56E-03	9.12E-04
224	3.875E-01		4.43E-04	1.52E-04	2.05E-03	1.52E-03	0.38	1.45E-03	8.47E-04
225	3.600E-01		4.07E-04	1.41E-04	1.90E-03	1.40E-03	0.35	1.35E-03	7.87E-04
226	3.340E-01		3.76E-04	1.30E-04	1.77E-03	1.30E-03	0.33	1.25E-03	7.30E-04
227	4.081E-01		4.86E-04	1.62E-04	2.18E-03	1.63E-03	0.40	1.54E-03	8.92E-04
228	3.809E-01		4.47E-04	1.50E-04	2.04E-03	1.51E-03	0.37	1.44E-03	8.32E-04
229	3.558E-01		4.13E-04	1.40E-04	1.90E-03	1.40E-03	0.35	1.34E-03	7.77E-04
230	3.318E-01		3.82E-04	1.30E-04	1.77E-03	1.30E-03	0.33	1.25E-03	7.25E-04
231	3.722E-01		4.48E-04	1.48E-04	2.00E-03	1.50E-03	0.37	1.41E-03	8.13E-04
232	3.494E-01		4.16E-04	1.38E-04	1.88E-03	1.39E-03	0.34	1.33E-03	7.63E-04
233	3.278E-01		3.86E-04	1.29E-04	1.76E-03	1.30E-03	0.32	1.24E-03	7.16E-04
234	3.072E-01		3.58E-04	1.21E-04	1.65E-03	1.21E-03	0.30	1.17E-03	6.71E-04
235	3.412E-01		4.15E-04	1.36E-04	1.85E-03	1.39E-03	0.34	1.30E-03	7.45E-04
236	3.218E-01		3.87E-04	1.27E-04	1.74E-03	1.29E-03	0.32	1.23E-03	7.03E-04
237	3.029E-01		3.61E-04	1.20E-04	1.63E-03	1.21E-03	0.30	1.16E-03	6.62E-04
238	2.853E-01		3.37E-04	1.12E-04	1.54E-03	1.13E-03	0.28	1.09E-03	6.23E-04
239	3.143E-01		3.84E-04	1.25E-04	1.71E-03	1.28E-03	0.31	1.20E-03	6.86E-04
240	2.974E-01		3.60E-04	1.18E-04	1.61E-03	1.20E-03	0.29	1.14E-03	6.50E-04
241	2.809E-01		3.37E-04	1.11E-04	1.52E-03	1.13E-03	0.28	1.08E-03	6.14E-04
242	2.657E-01		3.17E-04	1.05E-04	1.44E-03	1.06E-03	0.26	1.02E-03	5.80E-04
243	3.754E-01		5.70E-04	1.58E-04	2.20E-03	1.98E-03	0.37	1.52E-03	8.18E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
244	3.787E-01		5.49E-04	1.58E-04	2.18E-03	1.90E-03	0.37	1.51E-03	8.26E-04
245	3.769E-01		5.24E-04	1.55E-04	2.13E-03	1.80E-03	0.37	1.48E-03	8.22E-04
246	3.700E-01		4.95E-04	1.51E-04	2.06E-03	1.69E-03	0.36	1.44E-03	8.07E-04
247	3.587E-01		4.66E-04	1.45E-04	1.98E-03	1.59E-03	0.35	1.38E-03	7.83E-04
248	3.449E-01		4.38E-04	1.38E-04	1.89E-03	1.48E-03	0.34	1.33E-03	7.53E-04
249	3.294E-01		4.11E-04	1.32E-04	1.80E-03	1.38E-03	0.32	1.26E-03	7.19E-04
250	3.447E-01		5.16E-04	1.44E-04	2.01E-03	1.81E-03	0.34	1.40E-03	7.51E-04
251	3.470E-01		4.98E-04	1.44E-04	1.99E-03	1.73E-03	0.34	1.39E-03	7.57E-04
252	3.450E-01		4.76E-04	1.41E-04	1.95E-03	1.65E-03	0.34	1.36E-03	7.53E-04
253	3.389E-01		4.52E-04	1.38E-04	1.89E-03	1.55E-03	0.33	1.32E-03	7.39E-04
254	3.290E-01		4.27E-04	1.33E-04	1.82E-03	1.46E-03	0.32	1.27E-03	7.18E-04
255	3.170E-01		4.03E-04	1.27E-04	1.74E-03	1.37E-03	0.31	1.22E-03	6.92E-04
256	3.033E-01		3.80E-04	1.21E-04	1.66E-03	1.28E-03	0.30	1.17E-03	6.62E-04
257	3.179E-01		4.70E-04	1.32E-04	1.85E-03	1.66E-03	0.31	1.29E-03	6.93E-04
258	3.195E-01		4.54E-04	1.32E-04	1.83E-03	1.59E-03	0.31	1.28E-03	6.97E-04
259	3.174E-01		4.35E-04	1.30E-04	1.79E-03	1.51E-03	0.31	1.25E-03	6.92E-04
260	3.119E-01		4.15E-04	1.26E-04	1.74E-03	1.43E-03	0.31	1.22E-03	6.80E-04
261	3.032E-01		3.93E-04	1.22E-04	1.68E-03	1.35E-03	0.30	1.18E-03	6.62E-04
262	2.927E-01		3.72E-04	1.17E-04	1.61E-03	1.27E-03	0.29	1.13E-03	6.39E-04
263	2.808E-01		3.52E-04	1.12E-04	1.54E-03	1.19E-03	0.28	1.09E-03	6.13E-04
264	2.944E-01		4.31E-04	1.22E-04	1.71E-03	1.53E-03	0.29	1.19E-03	6.42E-04
265	2.954E-01		4.17E-04	1.21E-04	1.69E-03	1.47E-03	0.29	1.18E-03	6.44E-04
266	2.932E-01		4.00E-04	1.19E-04	1.66E-03	1.40E-03	0.29	1.16E-03	6.40E-04
267	2.882E-01		3.82E-04	1.17E-04	1.61E-03	1.32E-03	0.28	1.13E-03	6.29E-04
268	2.808E-01		3.64E-04	1.13E-04	1.56E-03	1.25E-03	0.28	1.09E-03	6.13E-04
269	2.715E-01		3.45E-04	1.09E-04	1.50E-03	1.18E-03	0.27	1.05E-03	5.93E-04
270	2.611E-01		3.27E-04	1.04E-04	1.44E-03	1.11E-03	0.26	1.01E-03	5.70E-04
271	2.735E-01		3.97E-04	1.13E-04	1.58E-03	1.42E-03	0.27	1.11E-03	5.96E-04
272	2.741E-01		3.85E-04	1.12E-04	1.57E-03	1.36E-03	0.27	1.10E-03	5.98E-04
273	2.720E-01		3.70E-04	1.10E-04	1.54E-03	1.30E-03	0.27	1.08E-03	5.93E-04
274	2.674E-01		3.54E-04	1.08E-04	1.50E-03	1.23E-03	0.26	1.05E-03	5.84E-04
275	2.608E-01		3.38E-04	1.05E-04	1.45E-03	1.16E-03	0.26	1.02E-03	5.69E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
276	2.527E-01		3.21E-04	1.01E-04	1.40E-03	1.10E-03	0.25	9.84E-04	5.52E-04
277	2.434E-01		3.06E-04	9.71E-05	1.34E-03	1.04E-03	0.24	9.46E-04	5.31E-04
278	1.934E-01		1.42E-03	7.91E-05	3.22E-03	1.17E-03	0.19	1.93E-03	4.12E-04
279	1.989E-01		1.27E-03	8.17E-05	2.97E-03	1.23E-03	0.19	1.80E-03	4.25E-04
280	2.148E-01		1.04E-03	8.91E-05	2.59E-03	1.40E-03	0.21	1.62E-03	4.61E-04
281	2.113E-01		9.68E-04	8.77E-05	2.44E-03	1.39E-03	0.20	1.53E-03	4.54E-04
282	2.301E-01		9.61E-04	9.61E-05	2.48E-03	1.54E-03	0.22	1.58E-03	4.95E-04
283	1.954E-01		9.87E-04	8.06E-05	2.43E-03	1.26E-03	0.19	1.51E-03	4.19E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
			School - Student Receptors						
26	1.754E-01		1.84E-04	7.55E-05	1.06E-03	6.91E-04	0.17	9.17E-04	3.82E-04
27	1.894E-01		2.03E-04	8.24E-05	1.17E-03	7.46E-04	0.19	1.02E-03	4.13E-04
28	2.047E-01		2.26E-04	8.99E-05	1.29E-03	8.06E-04	0.20	1.13E-03	4.46E-04
29	2.214E-01		2.57E-04	9.78E-05	1.43E-03	8.68E-04	0.22	1.26E-03	4.82E-04
30	2.392E-01		2.98E-04	1.06E-04	1.60E-03	9.33E-04	0.23	1.40E-03	5.21E-04
31	2.575E-01		3.58E-04	1.14E-04	1.79E-03	9.99E-04	0.25	1.56E-03	5.60E-04
32	2.755E-01		4.53E-04	1.21E-04	2.05E-03	1.06E-03	0.27	1.78E-03	5.99E-04
33	2.924E-01		6.12E-04	1.27E-04	2.41E-03	1.12E-03	0.29	2.10E-03	6.34E-04
34	3.078E-01		9.07E-04	1.33E-04	3.02E-03	1.17E-03	0.30	2.63E-03	6.65E-04
35	3.220E-01		1.57E-03	1.37E-04	4.28E-03	1.22E-03	0.31	3.78E-03	6.90E-04
36	3.287E-01		1.46E-03	1.39E-04	4.12E-03	1.25E-03	0.32	3.61E-03	7.05E-04
37	1.944E-01		1.95E-04	8.46E-05	1.18E-03	7.58E-04	0.19	1.03E-03	4.24E-04
38	2.113E-01		2.14E-04	9.32E-05	1.30E-03	8.24E-04	0.21	1.15E-03	4.61E-04
39	2.300E-01		2.39E-04	1.03E-04	1.45E-03	8.95E-04	0.23	1.29E-03	5.01E-04
40	2.506E-01		2.71E-04	1.13E-04	1.62E-03	9.71E-04	0.25	1.44E-03	5.46E-04
41	2.725E-01		3.13E-04	1.23E-04	1.80E-03	1.05E-03	0.27	1.60E-03	5.93E-04
42	2.951E-01		3.73E-04	1.32E-04	2.02E-03	1.13E-03	0.29	1.78E-03	6.42E-04
43	3.169E-01		4.65E-04	1.41E-04	2.29E-03	1.21E-03	0.31	2.00E-03	6.89E-04
44	3.370E-01		6.14E-04	1.48E-04	2.64E-03	1.28E-03	0.33	2.30E-03	7.32E-04
45	3.543E-01		8.81E-04	1.54E-04	3.20E-03	1.34E-03	0.35	2.79E-03	7.67E-04
46	3.691E-01		1.49E-03	1.58E-04	4.38E-03	1.39E-03	0.36	3.85E-03	7.93E-04
47	3.756E-01		1.46E-03	1.61E-04	4.34E-03	1.42E-03	0.36	3.79E-03	8.08E-04
48	2.168E-01		2.06E-04	9.57E-05	1.31E-03	8.37E-04	0.21	1.16E-03	4.73E-04
49	2.376E-01		2.27E-04	1.07E-04	1.47E-03	9.16E-04	0.23	1.32E-03	5.18E-04
50	2.610E-01		2.53E-04	1.19E-04	1.65E-03	1.00E-03	0.26	1.49E-03	5.69E-04
51	2.867E-01		2.86E-04	1.32E-04	1.85E-03	1.10E-03	0.28	1.68E-03	6.25E-04
52	3.144E-01		3.29E-04	1.45E-04	2.07E-03	1.20E-03	0.31	1.86E-03	6.85E-04
53	3.428E-01		3.88E-04	1.57E-04	2.31E-03	1.30E-03	0.34	2.06E-03	7.46E-04
54	3.698E-01		4.77E-04	1.67E-04	2.59E-03	1.39E-03	0.36	2.28E-03	8.05E-04
55	3.937E-01		6.18E-04	1.75E-04	2.95E-03	1.48E-03	0.39	2.57E-03	8.56E-04
56	4.131E-01		8.71E-04	1.82E-04	3.49E-03	1.55E-03	0.40	3.03E-03	8.96E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
57	4.281E-01		1.46E-03	1.86E-04	4.63E-03	1.59E-03	0.42	4.06E-03	9.23E-04
58	4.332E-01		1.46E-03	1.88E-04	4.64E-03	1.62E-03	0.42	4.04E-03	9.34E-04
59	2.434E-01		2.19E-04	1.09E-04	1.48E-03	9.29E-04	0.24	1.34E-03	5.31E-04
60	2.697E-01		2.41E-04	1.24E-04	1.67E-03	1.03E-03	0.26	1.55E-03	5.88E-04
61	2.994E-01		2.68E-04	1.40E-04	1.90E-03	1.13E-03	0.29	1.78E-03	6.52E-04
62	3.325E-01		3.02E-04	1.58E-04	2.16E-03	1.25E-03	0.33	2.01E-03	7.24E-04
63	3.684E-01		3.45E-04	1.74E-04	2.42E-03	1.38E-03	0.36	2.23E-03	8.02E-04
64	4.050E-01		4.04E-04	1.89E-04	2.70E-03	1.51E-03	0.40	2.44E-03	8.82E-04
65	4.390E-01		4.89E-04	2.02E-04	2.99E-03	1.62E-03	0.43	2.65E-03	9.56E-04
66	4.674E-01		6.24E-04	2.11E-04	3.35E-03	1.73E-03	0.46	2.93E-03	1.02E-03
67	4.885E-01		8.68E-04	2.18E-04	3.88E-03	1.80E-03	0.48	3.37E-03	1.06E-03
68	5.026E-01		1.44E-03	2.22E-04	5.00E-03	1.85E-03	0.49	4.36E-03	1.09E-03
69	5.048E-01		1.45E-03	2.23E-04	5.02E-03	1.87E-03	0.49	4.35E-03	1.09E-03
70	2.756E-01		2.34E-04	1.27E-04	1.69E-03	1.04E-03	0.27	1.58E-03	6.01E-04
71	3.093E-01		2.58E-04	1.47E-04	1.95E-03	1.16E-03	0.30	1.88E-03	6.74E-04
72	3.482E-01		2.86E-04	1.70E-04	2.26E-03	1.30E-03	0.34	2.20E-03	7.58E-04
73	3.922E-01		3.21E-04	1.94E-04	2.59E-03	1.45E-03	0.38	2.50E-03	8.54E-04
74	4.403E-01		3.64E-04	2.16E-04	2.92E-03	1.62E-03	0.43	2.76E-03	9.59E-04
75	4.890E-01		4.21E-04	2.35E-04	3.23E-03	1.78E-03	0.48	2.97E-03	1.06E-03
76	5.324E-01		5.03E-04	2.49E-04	3.55E-03	1.93E-03	0.52	3.17E-03	1.16E-03
77	5.657E-01		6.31E-04	2.60E-04	3.91E-03	2.05E-03	0.55	3.42E-03	1.23E-03
78	5.870E-01		8.66E-04	2.67E-04	4.43E-03	2.13E-03	0.57	3.84E-03	1.28E-03
79	5.980E-01		1.42E-03	2.71E-04	5.50E-03	2.17E-03	0.58	4.79E-03	1.29E-03
80	5.948E-01		1.43E-03	2.70E-04	5.52E-03	2.17E-03	0.58	4.77E-03	1.29E-03
81	3.147E-01		2.51E-04	1.51E-04	1.97E-03	1.17E-03	0.31	1.94E-03	6.86E-04
82	3.592E-01		2.77E-04	1.80E-04	2.35E-03	1.32E-03	0.35	2.40E-03	7.82E-04
83	4.119E-01		3.07E-04	2.15E-04	2.80E-03	1.50E-03	0.40	2.90E-03	8.96E-04
84	4.729E-01		3.43E-04	2.50E-04	3.25E-03	1.71E-03	0.46	3.31E-03	1.03E-03
85	5.406E-01		3.86E-04	2.79E-04	3.66E-03	1.94E-03	0.53	3.58E-03	1.18E-03
86	6.080E-01		4.41E-04	3.01E-04	4.02E-03	2.16E-03	0.60	3.77E-03	1.32E-03
87	6.638E-01		5.18E-04	3.18E-04	4.35E-03	2.35E-03	0.65	3.94E-03	1.45E-03
88	7.004E-01		6.38E-04	3.29E-04	4.70E-03	2.49E-03	0.69	4.16E-03	1.53E-03

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
89	7.182E-01		8.60E-04	3.36E-04	5.20E-03	2.56E-03	0.70	4.55E-03	1.56E-03
90	7.223E-01		1.39E-03	3.39E-04	6.22E-03	2.58E-03	0.70	5.44E-03	1.57E-03
91	7.106E-01		1.39E-03	3.37E-04	6.21E-03	2.55E-03	0.69	5.36E-03	1.54E-03
92	3.627E-01		2.72E-04	1.83E-04	2.36E-03	1.33E-03	0.36	2.51E-03	7.89E-04
93	4.233E-01		3.00E-04	2.33E-04	2.97E-03	1.53E-03	0.41	3.39E-03	9.20E-04
94	4.980E-01		3.33E-04	2.93E-04	3.72E-03	1.77E-03	0.49	4.25E-03	1.08E-03
95	5.879E-01		3.70E-04	3.44E-04	4.37E-03	2.06E-03	0.57	4.77E-03	1.28E-03
96	6.902E-01		4.13E-04	3.81E-04	4.87E-03	2.39E-03	0.68	5.02E-03	1.50E-03
97	7.889E-01		4.65E-04	4.07E-04	5.26E-03	2.71E-03	0.77	5.11E-03	1.72E-03
98	8.583E-01		5.35E-04	4.25E-04	5.60E-03	2.95E-03	0.84	5.19E-03	1.87E-03
99	8.908E-01		6.44E-04	4.37E-04	5.95E-03	3.08E-03	0.87	5.37E-03	1.94E-03
100	8.969E-01		8.45E-04	4.43E-04	6.40E-03	3.12E-03	0.88	5.72E-03	1.95E-03
101	8.888E-01		1.34E-03	4.45E-04	7.34E-03	3.10E-03	0.87	6.50E-03	1.93E-03
102	8.645E-01		1.30E-03	4.40E-04	7.23E-03	3.04E-03	0.84	6.26E-03	1.88E-03
103	7.190E-01		3.97E-04	4.80E-04	5.99E-03	2.45E-03	0.70	5.95E-03	1.56E-03
104	8.760E-01		4.39E-04	5.25E-04	6.58E-03	2.93E-03	0.86	6.12E-03	1.91E-03
105	1.057E+00		4.93E-04	5.76E-04	7.27E-03	3.48E-03	1.04	6.40E-03	2.30E-03
106	1.124E+00		5.56E-04	5.92E-04	7.58E-03	3.73E-03	1.10	6.44E-03	2.45E-03
107	1.168E+00		6.50E-04	6.32E-04	8.23E-03	3.91E-03	1.14	6.88E-03	2.54E-03
108	1.148E+00		8.19E-04	6.37E-04	8.62E-03	3.87E-03	1.12	7.19E-03	2.50E-03
109	1.123E+00		1.23E-03	6.36E-04	9.40E-03	3.80E-03	1.10	8.61E-03	2.44E-03
110	1.082E+00		1.05E-03	6.29E-04	8.99E-03	3.70E-03	1.06	7.79E-03	2.35E-03
111	5.918E-01		3.59E-04	4.14E-04	5.16E-03	2.06E-03	0.58	5.49E-03	1.28E-03
112	4.801E-01		3.20E-04	2.98E-04	3.76E-03	1.71E-03	0.47	4.05E-03	1.04E-03

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
			School - Teacher Receptors						
26	2.419E-02		2.27E-05	1.04E-05	1.50E-04	9.53E-05	0.02	1.33E-04	5.27E-05
27	2.611E-02		2.40E-05	1.14E-05	1.64E-04	1.03E-04	0.03	1.47E-04	5.69E-05
28	2.822E-02		2.54E-05	1.24E-05	1.78E-04	1.11E-04	0.03	1.61E-04	6.15E-05
29	3.052E-02		2.67E-05	1.35E-05	1.94E-04	1.20E-04	0.03	1.75E-04	6.65E-05
30	3.295E-02		2.79E-05	1.46E-05	2.10E-04	1.29E-04	0.03	1.89E-04	7.18E-05
31	3.544E-02		2.89E-05	1.57E-05	2.26E-04	1.38E-04	0.03	2.02E-04	7.72E-05
32	3.787E-02		2.97E-05	1.67E-05	2.40E-04	1.46E-04	0.04	2.12E-04	8.25E-05
33	4.011E-02		3.04E-05	1.75E-05	2.53E-04	1.55E-04	0.04	2.21E-04	8.74E-05
34	4.206E-02		3.09E-05	1.83E-05	2.63E-04	1.62E-04	0.04	2.27E-04	9.17E-05
35	4.360E-02		3.11E-05	1.88E-05	2.71E-04	1.68E-04	0.04	2.31E-04	9.51E-05
36	4.459E-02		3.11E-05	1.92E-05	2.76E-04	1.72E-04	0.04	2.32E-04	9.72E-05
37	2.681E-02		2.48E-05	1.17E-05	1.68E-04	1.05E-04	0.03	1.52E-04	5.84E-05
38	2.915E-02		2.64E-05	1.28E-05	1.85E-04	1.14E-04	0.03	1.69E-04	6.35E-05
39	3.173E-02		2.79E-05	1.41E-05	2.04E-04	1.23E-04	0.03	1.87E-04	6.91E-05
40	3.455E-02		2.94E-05	1.55E-05	2.24E-04	1.34E-04	0.03	2.06E-04	7.53E-05
41	3.756E-02		3.07E-05	1.69E-05	2.44E-04	1.45E-04	0.04	2.23E-04	8.18E-05
42	4.064E-02		3.19E-05	1.82E-05	2.63E-04	1.56E-04	0.04	2.38E-04	8.85E-05
43	4.361E-02		3.28E-05	1.94E-05	2.80E-04	1.67E-04	0.04	2.50E-04	9.50E-05
44	4.628E-02		3.35E-05	2.05E-05	2.95E-04	1.76E-04	0.05	2.59E-04	1.01E-04
45	4.851E-02		3.39E-05	2.13E-05	3.06E-04	1.85E-04	0.05	2.66E-04	1.06E-04
46	5.017E-02		3.41E-05	2.18E-05	3.15E-04	1.91E-04	0.05	2.69E-04	1.09E-04
47	5.109E-02		3.39E-05	2.21E-05	3.19E-04	1.95E-04	0.05	2.69E-04	1.11E-04
48	2.991E-02		2.73E-05	1.32E-05	1.90E-04	1.15E-04	0.03	1.75E-04	6.52E-05
49	3.279E-02		2.91E-05	1.47E-05	2.12E-04	1.26E-04	0.03	1.98E-04	7.14E-05
50	3.600E-02		3.09E-05	1.64E-05	2.36E-04	1.38E-04	0.04	2.23E-04	7.84E-05
51	3.955E-02		3.26E-05	1.82E-05	2.62E-04	1.51E-04	0.04	2.47E-04	8.61E-05
52	4.336E-02		3.42E-05	1.99E-05	2.87E-04	1.65E-04	0.04	2.69E-04	9.44E-05
53	4.724E-02		3.55E-05	2.16E-05	3.11E-04	1.79E-04	0.05	2.87E-04	1.03E-04
54	5.092E-02		3.65E-05	2.30E-05	3.32E-04	1.92E-04	0.05	3.00E-04	1.11E-04
55	5.413E-02		3.72E-05	2.42E-05	3.48E-04	2.04E-04	0.05	3.09E-04	1.18E-04
56	5.665E-02		3.75E-05	2.51E-05	3.61E-04	2.13E-04	0.06	3.15E-04	1.23E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
57	5.835E-02		3.75E-05	2.57E-05	3.70E-04	2.20E-04	0.06	3.17E-04	1.27E-04
58	5.906E-02		3.71E-05	2.59E-05	3.73E-04	2.23E-04	0.06	3.16E-04	1.29E-04
59	3.360E-02		3.01E-05	1.51E-05	2.17E-04	1.28E-04	0.03	2.06E-04	7.32E-05
60	3.722E-02		3.22E-05	1.71E-05	2.46E-04	1.41E-04	0.04	2.38E-04	8.10E-05
61	4.132E-02		3.44E-05	1.93E-05	2.79E-04	1.56E-04	0.04	2.72E-04	8.99E-05
62	4.589E-02		3.64E-05	2.17E-05	3.13E-04	1.73E-04	0.04	3.05E-04	9.99E-05
63	5.083E-02		3.82E-05	2.40E-05	3.46E-04	1.90E-04	0.05	3.32E-04	1.11E-04
64	5.584E-02		3.97E-05	2.61E-05	3.76E-04	2.08E-04	0.05	3.53E-04	1.22E-04
65	6.049E-02		4.08E-05	2.78E-05	4.00E-04	2.24E-04	0.06	3.66E-04	1.32E-04
66	6.433E-02		4.14E-05	2.91E-05	4.19E-04	2.38E-04	0.06	3.75E-04	1.40E-04
67	6.708E-02		4.16E-05	3.01E-05	4.33E-04	2.49E-04	0.07	3.80E-04	1.46E-04
68	6.867E-02		4.14E-05	3.06E-05	4.41E-04	2.55E-04	0.07	3.81E-04	1.50E-04
69	6.896E-02		4.07E-05	3.08E-05	4.43E-04	2.57E-04	0.07	3.77E-04	1.50E-04
70	3.805E-02		3.35E-05	1.75E-05	2.52E-04	1.43E-04	0.04	2.48E-04	8.28E-05
71	4.271E-02		3.61E-05	2.03E-05	2.92E-04	1.60E-04	0.04	2.95E-04	9.29E-05
72	4.807E-02		3.87E-05	2.35E-05	3.38E-04	1.79E-04	0.05	3.46E-04	1.05E-04
73	5.415E-02		4.11E-05	2.68E-05	3.85E-04	2.00E-04	0.05	3.91E-04	1.18E-04
74	6.078E-02		4.32E-05	2.98E-05	4.29E-04	2.23E-04	0.06	4.25E-04	1.32E-04
75	6.746E-02		4.48E-05	3.23E-05	4.66E-04	2.46E-04	0.07	4.47E-04	1.47E-04
76	7.341E-02		4.59E-05	3.44E-05	4.95E-04	2.67E-04	0.07	4.59E-04	1.60E-04
77	7.793E-02		4.65E-05	3.58E-05	5.16E-04	2.83E-04	0.08	4.66E-04	1.70E-04
78	8.072E-02		4.64E-05	3.68E-05	5.30E-04	2.94E-04	0.08	4.69E-04	1.76E-04
79	8.188E-02		4.58E-05	3.73E-05	5.37E-04	2.99E-04	0.08	4.68E-04	1.78E-04
80	8.144E-02		4.47E-05	3.73E-05	5.37E-04	2.99E-04	0.08	4.60E-04	1.78E-04
81	4.346E-02		3.76E-05	2.08E-05	2.99E-04	1.61E-04	0.04	3.09E-04	9.45E-05
82	4.962E-02		4.07E-05	2.48E-05	3.58E-04	1.83E-04	0.05	3.86E-04	1.08E-04
83	5.690E-02		4.39E-05	2.97E-05	4.27E-04	2.07E-04	0.06	4.67E-04	1.24E-04
84	6.533E-02		4.68E-05	3.44E-05	4.96E-04	2.36E-04	0.06	5.31E-04	1.42E-04
85	7.466E-02		4.93E-05	3.84E-05	5.53E-04	2.67E-04	0.07	5.70E-04	1.62E-04
86	8.393E-02		5.11E-05	4.15E-05	5.98E-04	2.98E-04	0.08	5.88E-04	1.83E-04
87	9.159E-02		5.22E-05	4.38E-05	6.31E-04	3.25E-04	0.09	5.95E-04	1.99E-04
88	9.657E-02		5.25E-05	4.54E-05	6.54E-04	3.43E-04	0.09	5.98E-04	2.10E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
89	9.888E-02		5.20E-05	4.63E-05	6.67E-04	3.53E-04	0.10	5.99E-04	2.15E-04
90	9.911E-02		5.09E-05	4.67E-05	6.73E-04	3.55E-04	0.10	5.95E-04	2.16E-04
91	9.749E-02		4.92E-05	4.65E-05	6.69E-04	3.52E-04	0.10	5.80E-04	2.12E-04
92	5.011E-02		4.26E-05	2.53E-05	3.64E-04	1.83E-04	0.05	4.08E-04	1.09E-04
93	5.852E-02		4.65E-05	3.21E-05	4.62E-04	2.11E-04	0.06	5.58E-04	1.27E-04
94	6.885E-02		5.04E-05	4.03E-05	5.81E-04	2.44E-04	0.07	7.02E-04	1.49E-04
95	8.126E-02		5.40E-05	4.74E-05	6.82E-04	2.85E-04	0.08	7.85E-04	1.76E-04
96	9.538E-02		5.69E-05	5.25E-05	7.55E-04	3.30E-04	0.09	8.20E-04	2.07E-04
97	1.090E-01		5.88E-05	5.61E-05	8.08E-04	3.74E-04	0.11	8.23E-04	2.37E-04
98	1.185E-01		5.97E-05	5.86E-05	8.44E-04	4.07E-04	0.12	8.17E-04	2.58E-04
99	1.229E-01		5.96E-05	6.02E-05	8.67E-04	4.25E-04	0.12	8.16E-04	2.68E-04
100	1.236E-01		5.85E-05	6.11E-05	8.80E-04	4.30E-04	0.12	8.15E-04	2.69E-04
101	1.222E-01		5.66E-05	6.13E-05	8.83E-04	4.28E-04	0.12	8.03E-04	2.66E-04
102	1.189E-01		5.41E-05	6.07E-05	8.74E-04	4.19E-04	0.12	7.70E-04	2.59E-04
103	9.943E-02		6.11E-05	6.61E-05	9.52E-04	3.38E-04	0.10	9.92E-04	2.15E-04
104	1.211E-01		6.45E-05	7.24E-05	1.04E-03	4.03E-04	0.12	1.01E-03	2.63E-04
105	1.460E-01		6.75E-05	7.95E-05	1.14E-03	4.80E-04	0.14	1.05E-03	3.17E-04
106	1.552E-01		6.79E-05	8.17E-05	1.18E-03	5.15E-04	0.15	1.04E-03	3.38E-04
107	1.612E-01		6.81E-05	8.72E-05	1.26E-03	5.39E-04	0.16	1.09E-03	3.51E-04
108	1.583E-01		6.60E-05	8.78E-05	1.26E-03	5.34E-04	0.15	1.09E-03	3.44E-04
109	1.547E-01		6.30E-05	8.78E-05	1.26E-03	5.24E-04	0.15	1.21E-03	3.36E-04
110	1.492E-01		5.94E-05	8.68E-05	1.25E-03	5.10E-04	0.15	1.12E-03	3.24E-04
111	8.187E-02		5.69E-05	5.70E-05	8.21E-04	2.84E-04	0.08	9.18E-04	1.77E-04
112	6.638E-02		5.18E-05	4.12E-05	5.93E-04	2.35E-04	0.06	6.74E-04	1.44E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk										
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**	
		0.0009	**140**	**<-Max**	**0.00003**	**0.00001**	**0.00005**	**0.00005**	**0.00086**	**0.00002**	**0.00001**	**Residential**
		0.0108	**107**		**0.00021**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**School - Student**
		0.0109	**107**		**0.00006**	**0.00013**	**0.00080**	**0.00046**	**0.01012**	**0.00033**	**0.00010**	**School - Teacher**
						Residential Receptors						
1	**1**	0.0002			5.05E-06	1.37E-06	1.07E-05	8.0924E-06	1.3831E-04	3.7635E-06	1.3299E-06	
2	**2**	0.0002			5.66E-06	1.44E-06	1.17E-05	8.6321E-06	1.4583E-04	4.1322E-06	1.4023E-06	
3	**3**	0.0002			6.45E-06	1.53E-06	1.30E-05	9.2503E-06	1.5423E-04	4.5949E-06	1.4830E-06	
4	**4**	0.0002			7.47E-06	1.62E-06	1.45E-05	9.9362E-06	1.6324E-04	5.1806E-06	1.5696E-06	
5	**5**	0.0002			8.88E-06	1.73E-06	1.66E-05	1.0725E-05	1.7327E-04	5.9637E-06	1.6661E-06	
6	**6**	0.0001			4.97E-06	1.35E-06	1.06E-05	8.1025E-06	1.3619E-04	3.7044E-06	1.3095E-06	
7	**7**	0.0002			5.56E-06	1.42E-06	1.15E-05	8.6502E-06	1.4347E-04	4.0582E-06	1.3795E-06	
8	**8**	0.0002			6.30E-06	1.50E-06	1.27E-05	9.2722E-06	1.5149E-04	4.4964E-06	1.4566E-06	
9	**9**	0.0002			7.28E-06	1.60E-06	1.42E-05	9.9946E-06	1.6049E-04	5.0618E-06	1.5432E-06	
10	**10**	0.0002			8.59E-06	1.70E-06	1.61E-05	1.0804E-05	1.7021E-04	5.7979E-06	1.6366E-06	
11	**11**	0.0001			4.86E-06	1.33E-06	1.04E-05	8.1147E-06	1.3394E-04	3.6287E-06	1.2879E-06	
12	**12**	0.0002			5.41E-06	1.40E-06	1.13E-05	8.6766E-06	1.4105E-04	3.9666E-06	1.3562E-06	
13	**13**	0.0002			6.12E-06	1.48E-06	1.24E-05	9.3184E-06	1.4890E-04	4.3835E-06	1.4317E-06	
14	**14**	0.0002			7.04E-06	1.57E-06	1.38E-05	1.0067E-05	1.5774E-04	4.9197E-06	1.5167E-06	
15	**15**	0.0002			8.26E-06	1.67E-06	1.56E-05	1.0905E-05	1.6723E-04	5.6074E-06	1.6080E-06	
16	**16**	0.0001			4.73E-06	1.30E-06	1.01E-05	8.1399E-06	1.3173E-04	3.5471E-06	1.2667E-06	
17	**17**	0.0002			5.26E-06	1.37E-06	1.10E-05	8.7228E-06	1.3874E-04	3.8712E-06	1.3340E-06	
18	**18**	0.0002			5.92E-06	1.45E-06	1.21E-05	9.3818E-06	1.4638E-04	4.2656E-06	1.4075E-06	
19	**19**	0.0002			6.77E-06	1.54E-06	1.34E-05	1.0128E-05	1.5470E-04	4.7584E-06	1.4875E-06	
20	**20**	0.0002			7.93E-06	1.63E-06	1.51E-05	1.0999E-05	1.6406E-04	5.4165E-06	1.5775E-06	
21	**21**	0.0001			4.61E-06	1.28E-06	9.92E-06	8.1831E-06	1.2964E-04	3.4665E-06	1.2465E-06	
22	**22**	0.0001			5.11E-06	1.35E-06	1.08E-05	8.7812E-06	1.3647E-04	3.7749E-06	1.3122E-06	
23	**23**	0.0002			5.73E-06	1.43E-06	1.18E-05	9.4629E-06	1.4398E-04	4.1516E-06	1.3844E-06	
24	**24**	0.0002			6.54E-06	1.51E-06	1.30E-05	1.0238E-05	1.5218E-04	4.6225E-06	1.4632E-06	
25	**25**	0.0002			7.60E-06	1.60E-06	1.46E-05	1.1116E-05	1.6111E-04	5.2302E-06	1.5491E-06	
113	**113**	0.0008			1.11E-05	7.11E-06	4.15E-05	4.0874E-05	7.5151E-04	1.3895E-05	7.2261E-06	
114	**114**	0.0007			1.01E-05	6.46E-06	3.75E-05	3.7108E-05	6.8458E-04	1.2534E-05	6.5825E-06	
115	**115**	0.0007			9.21E-06	5.88E-06	3.41E-05	3.3769E-05	6.2442E-04	1.1350E-05	6.0040E-06	

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
116	**116**	0.0006	8.46E-06	5.37E-06	3.11E-05	3.0830E-05	5.7064E-04	1.0319E-05	5.4869E-06
117	**117**	0.0008	1.13E-05	7.35E-06	4.27E-05	4.2189E-05	7.7880E-04	1.4281E-05	7.4884E-06
118	**118**	0.0008	1.02E-05	6.63E-06	3.84E-05	3.8091E-05	7.0413E-04	1.2801E-05	6.7704E-06
119	**119**	0.0007	9.35E-06	6.00E-06	3.47E-05	3.4523E-05	6.3828E-04	1.1535E-05	6.1373E-06
120	**120**	0.0006	8.57E-06	5.45E-06	3.15E-05	3.1418E-05	5.8033E-04	1.0447E-05	5.5801E-06
121	**121**	0.0009	1.15E-05	7.55E-06	4.37E-05	4.3366E-05	8.0195E-04	1.4591E-05	7.7111E-06
122	**122**	0.0008	1.04E-05	6.77E-06	3.91E-05	3.8968E-05	7.2003E-04	1.3008E-05	6.9234E-06
123	**123**	0.0007	9.46E-06	6.09E-06	3.52E-05	3.5190E-05	6.4906E-04	1.1674E-05	6.2410E-06
124	**124**	0.0006	8.65E-06	5.51E-06	3.18E-05	3.1930E-05	5.8754E-04	1.0540E-05	5.6495E-06
125	**125**	0.0009	1.17E-05	7.71E-06	4.45E-05	4.4391E-05	8.2040E-04	1.4823E-05	7.8884E-06
126	**126**	0.0008	1.05E-05	6.87E-06	3.96E-05	3.9723E-05	7.3213E-04	1.3158E-05	7.0397E-06
127	**127**	0.0007	9.54E-06	6.16E-06	3.55E-05	3.5752E-05	6.5690E-04	1.1771E-05	6.3164E-06
128	**128**	0.0006	8.70E-06	5.56E-06	3.20E-05	3.2351E-05	5.9257E-04	1.0603E-05	5.6978E-06
129	**129**	0.0009	1.18E-05	7.82E-06	4.50E-05	4.5243E-05	8.3406E-04	1.4983E-05	8.0198E-06
130	**130**	0.0008	1.06E-05	6.94E-06	3.99E-05	4.0335E-05	7.4072E-04	1.3258E-05	7.1223E-06
131	**131**	0.0007	9.58E-06	6.21E-06	3.57E-05	3.6194E-05	6.6229E-04	1.1834E-05	6.3681E-06
132	**132**	0.0006	8.73E-06	5.59E-06	3.21E-05	3.2667E-05	5.9595E-04	1.0643E-05	5.7303E-06
133	**133**	0.0009	1.18E-05	7.90E-06	4.54E-05	4.5898E-05	8.4352E-04	1.5079E-05	8.1108E-06
134	**134**	0.0008	1.06E-05	6.99E-06	4.01E-05	4.0786E-05	7.4650E-04	1.3315E-05	7.1779E-06
135	**135**	0.0007	9.59E-06	6.24E-06	3.58E-05	3.6500E-05	6.6586E-04	1.1867E-05	6.4025E-06
136	**136**	0.0006	8.73E-06	5.61E-06	3.22E-05	3.2871E-05	5.9823E-04	1.0661E-05	5.7522E-06
137	**137**	0.0009	1.18E-05	7.96E-06	4.55E-05	4.6338E-05	8.4970E-04	1.5117E-05	8.1702E-06
138	**138**	0.0007	9.57E-06	6.27E-06	3.59E-05	3.6671E-05	6.6824E-04	1.1871E-05	6.4254E-06
139	**139**	0.0006	8.71E-06	5.63E-06	3.22E-05	3.2968E-05	5.9982E-04	1.0658E-05	5.7675E-06
140	**140**	0.0009	1.14E-05	7.96E-06	4.49E-05	4.6636E-05	8.5424E-04	1.4820E-05	8.2138E-06
141	**141**	0.0008	1.03E-05	7.02E-06	3.97E-05	4.1169E-05	7.5241E-04	1.3076E-05	7.2347E-06
142	**142**	0.0007	9.33E-06	6.25E-06	3.54E-05	3.6660E-05	6.6912E-04	1.1652E-05	6.4338E-06
143	**143**	0.0006	8.51E-06	5.61E-06	3.18E-05	3.2892E-05	5.9999E-04	1.0470E-05	5.7692E-06
144	**144**	0.0009	1.12E-05	7.90E-06	4.44E-05	4.6570E-05	8.5017E-04	1.4573E-05	8.1747E-06
145	**145**	0.0008	1.01E-05	6.96E-06	3.92E-05	4.1104E-05	7.4882E-04	1.2878E-05	7.2002E-06
146	**146**	0.0007	9.20E-06	6.20E-06	3.50E-05	3.6600E-05	6.6593E-04	1.1490E-05	6.4032E-06
147	**147**	0.0006	8.41E-06	5.57E-06	3.15E-05	3.2838E-05	5.9713E-04	1.0337E-05	5.7416E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
148	**148**	0.0009	1.10E-05	7.80E-06	4.36E-05	4.6424E-05	8.4222E-04	1.4255E-05	8.0983E-06
149	**149**	0.0008	9.94E-06	6.88E-06	3.86E-05	4.0991E-05	7.4212E-04	1.2627E-05	7.1357E-06
150	**150**	0.0007	9.05E-06	6.13E-06	3.45E-05	3.6512E-05	6.6018E-04	1.1288E-05	6.3479E-06
151	**151**	0.0006	8.28E-06	5.51E-06	3.11E-05	3.2769E-05	5.9213E-04	1.0171E-05	5.6936E-06
152	**152**	0.0009	1.08E-05	7.64E-06	4.25E-05	4.6103E-05	8.2982E-04	1.3856E-05	7.9791E-06
153	**153**	0.0008	9.75E-06	6.77E-06	3.78E-05	4.0764E-05	7.3200E-04	1.2318E-05	7.0384E-06
154	**154**	0.0007	8.89E-06	6.04E-06	3.38E-05	3.6346E-05	6.5171E-04	1.1042E-05	6.2665E-06
155	**155**	0.0006	8.15E-06	5.43E-06	3.05E-05	3.2647E-05	5.8491E-04	9.9712E-06	5.6242E-06
156	**156**	0.0009	1.05E-05	7.44E-06	4.13E-05	4.5467E-05	8.1217E-04	1.3368E-05	7.8093E-06
157	**157**	0.0008	9.55E-06	6.61E-06	3.68E-05	4.0319E-05	7.1804E-04	1.1941E-05	6.9042E-06
158	**158**	0.0007	8.72E-06	5.92E-06	3.30E-05	3.6030E-05	6.4035E-04	1.0745E-05	6.1572E-06
159	**159**	0.0006	8.00E-06	5.33E-06	2.99E-05	3.2417E-05	5.7545E-04	9.7329E-06	5.5331E-06
160	**160**	0.0008	1.03E-05	7.18E-06	3.98E-05	4.4382E-05	7.8825E-04	1.2804E-05	7.5794E-06
161	**161**	0.0008	9.35E-06	6.41E-06	3.56E-05	3.9548E-05	6.9952E-04	1.1498E-05	6.7262E-06
162	**162**	0.0007	8.54E-06	5.76E-06	3.21E-05	3.5474E-05	6.2566E-04	1.0394E-05	6.0159E-06
163	**163**	0.0006	7.85E-06	5.21E-06	2.91E-05	3.2006E-05	5.6335E-04	9.4510E-06	5.4168E-06
164	**164**	0.0008	1.01E-05	6.88E-06	3.81E-05	4.2791E-05	7.5762E-04	1.2197E-05	7.2848E-06
165	**165**	0.0007	9.16E-06	6.17E-06	3.42E-05	3.8375E-05	6.7588E-04	1.1008E-05	6.4989E-06
166	**166**	0.0007	8.37E-06	5.56E-06	3.10E-05	3.4575E-05	6.0623E-04	9.9882E-06	5.8291E-06
167	**167**	0.0006	7.69E-06	5.05E-06	2.82E-05	3.1331E-05	5.4780E-04	9.1184E-06	5.2673E-06
168	**168**	0.0008	9.85E-06	6.55E-06	3.63E-05	4.0745E-05	7.2115E-04	1.1581E-05	6.9341E-06
169	**169**	0.0007	8.96E-06	5.90E-06	3.28E-05	3.6802E-05	6.4731E-04	1.0495E-05	6.2241E-06
170	**170**	0.0006	8.19E-06	5.34E-06	2.98E-05	3.3362E-05	5.8352E-04	9.5607E-06	5.6108E-06
171	**171**	0.0006	7.54E-06	4.87E-06	2.72E-05	3.0403E-05	5.2983E-04	8.7639E-06	5.0945E-06
172	**172**	0.0007	9.61E-06	6.20E-06	3.44E-05	3.8377E-05	6.8086E-04	1.0979E-05	6.5468E-06
173	**173**	0.0007	8.75E-06	5.62E-06	3.12E-05	3.4906E-05	6.1492E-04	9.9838E-06	5.9127E-06
174	**174**	0.0006	8.01E-06	5.11E-06	2.85E-05	3.1856E-05	5.5761E-04	9.1272E-06	5.3616E-06
175	**175**	0.0005	7.38E-06	4.67E-06	2.61E-05	2.9203E-05	5.0882E-04	8.3934E-06	4.8925E-06
176	**176**	0.0007	9.33E-06	5.86E-06	3.26E-05	3.5847E-05	6.3902E-04	1.0398E-05	6.1444E-06
177	**177**	0.0006	8.52E-06	5.32E-06	2.97E-05	3.2810E-05	5.8039E-04	9.4860E-06	5.5806E-06
178	**178**	0.0006	7.82E-06	4.86E-06	2.72E-05	3.0129E-05	5.2919E-04	8.6983E-06	5.0884E-06
179	**179**	0.0005	7.21E-06	4.47E-06	2.50E-05	2.7784E-05	4.8538E-04	8.0213E-06	4.6672E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
180	**180**	0.0006	9.03E-06	5.52E-06	3.08E-05	3.3294E-05	5.9745E-04	9.8417E-06	5.7447E-06
181	**181**	0.0006	8.28E-06	5.03E-06	2.81E-05	3.0629E-05	5.4498E-04	9.0078E-06	5.2402E-06
182	**182**	0.0005	7.61E-06	4.61E-06	2.58E-05	2.8285E-05	4.9954E-04	8.2824E-06	4.8032E-06
183	**183**	0.0005	7.03E-06	4.25E-06	2.39E-05	2.6227E-05	4.6047E-04	7.6577E-06	4.4276E-06
184	**184**	0.0009	1.08E-05	7.24E-06	4.00E-05	4.4896E-05	8.0044E-04	1.2746E-05	7.6965E-06
185	**185**	0.0008	1.08E-05	6.59E-06	3.65E-05	3.8597E-05	7.1061E-04	1.1686E-05	6.8328E-06
186	**186**	0.0007	9.78E-06	5.95E-06	3.31E-05	3.5221E-05	6.4118E-04	1.0595E-05	6.1652E-06
187	**187**	0.0006	8.94E-06	5.40E-06	3.01E-05	3.2317E-05	5.8255E-04	9.6583E-06	5.6015E-06
188	**188**	0.0006	8.21E-06	4.93E-06	2.76E-05	2.9781E-05	5.3207E-04	8.8485E-06	5.1161E-06
189	**189**	0.0008	1.12E-05	6.80E-06	3.77E-05	3.8793E-05	7.2871E-04	1.2062E-05	7.0068E-06
190	**190**	0.0007	1.02E-05	6.13E-06	3.41E-05	3.5371E-05	6.5627E-04	1.0943E-05	6.3103E-06
191	**191**	0.0006	9.35E-06	5.57E-06	3.11E-05	3.2431E-05	5.9513E-04	9.9723E-06	5.7224E-06
192	**192**	0.0006	8.58E-06	5.08E-06	2.84E-05	2.9888E-05	5.4307E-04	9.1302E-06	5.2218E-06
193	**193**	0.0005	7.91E-06	4.65E-06	2.61E-05	2.7646E-05	4.9761E-04	8.3914E-06	4.7847E-06
194	**194**	0.0007	1.06E-05	6.30E-06	3.50E-05	3.5477E-05	6.7026E-04	1.1223E-05	6.4448E-06
195	**195**	0.0006	9.67E-06	5.71E-06	3.19E-05	3.2488E-05	6.0697E-04	1.0239E-05	5.8362E-06
196	**196**	0.0006	8.89E-06	5.20E-06	2.91E-05	2.9898E-05	5.5273E-04	9.3812E-06	5.3147E-06
197	**197**	0.0005	8.20E-06	4.76E-06	2.67E-05	2.7629E-05	5.0559E-04	8.6196E-06	4.8615E-06
198	**198**	0.0005	7.59E-06	4.38E-06	2.47E-05	2.5662E-05	4.6561E-04	7.9574E-06	4.4770E-06
199	**199**	0.0007	9.94E-06	5.83E-06	3.26E-05	3.2622E-05	6.1888E-04	1.0438E-05	5.9508E-06
200	**200**	0.0006	9.13E-06	5.32E-06	2.98E-05	2.9970E-05	5.6301E-04	9.5757E-06	5.4135E-06
201	**201**	0.0006	8.42E-06	4.87E-06	2.73E-05	2.7653E-05	5.1439E-04	8.8142E-06	4.9461E-06
202	**202**	0.0005	7.80E-06	4.47E-06	2.52E-05	2.5627E-05	4.7229E-04	8.1369E-06	4.5413E-06
203	**203**	0.0005	7.27E-06	4.13E-06	2.33E-05	2.3857E-05	4.3606E-04	7.5393E-06	4.1929E-06
204	**204**	0.0009	1.37E-05	8.03E-06	4.43E-05	4.3770E-05	8.5647E-04	1.3924E-05	8.2353E-06
205	**205**	0.0006	9.33E-06	5.42E-06	3.03E-05	3.0169E-05	5.7380E-04	9.7149E-06	5.5174E-06
206	**206**	0.0006	8.60E-06	4.96E-06	2.79E-05	2.7794E-05	5.2421E-04	8.9570E-06	5.0405E-06
207	**207**	0.0005	7.96E-06	4.55E-06	2.57E-05	2.5693E-05	4.8016E-04	8.2774E-06	4.6170E-06
208	**208**	0.0005	7.40E-06	4.20E-06	2.38E-05	2.3868E-05	4.4251E-04	7.6778E-06	4.2549E-06
209	**209**	0.0008	1.26E-05	7.29E-06	4.04E-05	3.9853E-05	7.7450E-04	1.2722E-05	7.4472E-06
210	**210**	0.0008	1.14E-05	6.61E-06	3.68E-05	3.6307E-05	7.0330E-04	1.1632E-05	6.7625E-06
211	**211**	0.0007	1.04E-05	6.02E-06	3.36E-05	3.3192E-05	6.3981E-04	1.0665E-05	6.1520E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
212	**212**	0.0006	9.53E-06	5.50E-06	3.08E-05	3.0456E-05	5.8375E-04	9.8133E-06	5.6130E-06
213	**213**	0.0006	8.76E-06	5.04E-06	2.83E-05	2.8041E-05	5.3398E-04	9.0590E-06	5.1344E-06
214	**214**	0.0005	8.10E-06	4.63E-06	2.61E-05	2.5898E-05	4.8948E-04	8.3853E-06	4.7065E-06
215	**215**	0.0005	7.52E-06	4.27E-06	2.42E-05	2.4003E-05	4.5030E-04	7.7826E-06	4.3298E-06
216	**216**	0.0008	1.31E-05	7.17E-06	3.99E-05	3.9692E-05	7.5145E-04	1.2637E-05	7.2255E-06
217	**217**	0.0007	1.19E-05	6.59E-06	3.68E-05	3.6368E-05	6.9403E-04	1.1665E-05	6.6733E-06
218	**218**	0.0007	1.09E-05	6.05E-06	3.39E-05	3.3407E-05	6.3935E-04	1.0771E-05	6.1476E-06
219	**219**	0.0006	9.94E-06	5.57E-06	3.13E-05	3.0796E-05	5.9026E-04	9.9541E-06	5.6756E-06
220	**220**	0.0006	9.13E-06	5.14E-06	2.89E-05	2.8450E-05	5.4463E-04	9.2111E-06	5.2369E-06
221	**221**	0.0005	8.41E-06	4.74E-06	2.68E-05	2.6344E-05	5.0293E-04	8.5406E-06	4.8359E-06
222	**222**	0.0007	1.20E-05	6.49E-06	3.64E-05	3.6184E-05	6.7859E-04	1.1541E-05	6.5249E-06
223	**223**	0.0007	1.10E-05	6.00E-06	3.37E-05	3.3316E-05	6.3010E-04	1.0726E-05	6.0587E-06
224	**224**	0.0006	1.01E-05	5.55E-06	3.12E-05	3.0764E-05	5.8484E-04	9.9593E-06	5.6235E-06
225	**225**	0.0006	9.30E-06	5.14E-06	2.90E-05	2.8492E-05	5.4330E-04	9.2540E-06	5.2241E-06
226	**226**	0.0005	8.58E-06	4.76E-06	2.69E-05	2.6436E-05	5.0409E-04	8.6009E-06	4.8470E-06
227	**227**	0.0007	1.11E-05	5.91E-06	3.33E-05	3.3134E-05	6.1588E-04	1.0589E-05	5.9219E-06
228	**228**	0.0006	1.02E-05	5.49E-06	3.10E-05	3.0644E-05	5.7485E-04	9.8887E-06	5.5274E-06
229	**229**	0.0006	9.43E-06	5.11E-06	2.89E-05	2.8426E-05	5.3691E-04	9.2357E-06	5.1626E-06
230	**230**	0.0005	8.72E-06	4.75E-06	2.69E-05	2.6420E-05	5.0074E-04	8.6167E-06	4.8148E-06
231	**231**	0.0006	1.02E-05	5.39E-06	3.05E-05	3.0465E-05	5.6151E-04	9.7398E-06	5.3991E-06
232	**232**	0.0006	9.49E-06	5.05E-06	2.86E-05	2.8301E-05	5.2723E-04	9.1460E-06	5.0695E-06
233	**233**	0.0005	8.81E-06	4.72E-06	2.68E-05	2.6351E-05	4.9465E-04	8.5822E-06	4.7562E-06
234	**234**	0.0005	8.18E-06	4.41E-06	2.51E-05	2.4581E-05	4.6356E-04	8.0456E-06	4.4573E-06
235	**235**	0.0006	9.46E-06	4.95E-06	2.81E-05	2.8127E-05	5.1482E-04	8.9950E-06	4.9502E-06
236	**236**	0.0005	8.83E-06	4.65E-06	2.65E-05	2.6227E-05	4.8553E-04	8.4824E-06	4.6685E-06
237	**237**	0.0005	8.23E-06	4.37E-06	2.49E-05	2.4496E-05	4.5703E-04	7.9893E-06	4.3945E-06
238	**238**	0.0005	7.69E-06	4.10E-06	2.34E-05	2.2933E-05	4.3047E-04	7.5263E-06	4.1391E-06
239	**239**	0.0005	8.77E-06	4.56E-06	2.60E-05	2.6062E-05	4.7417E-04	8.3319E-06	4.5593E-06
240	**240**	0.0005	8.22E-06	4.31E-06	2.46E-05	2.4380E-05	4.4870E-04	7.8866E-06	4.3145E-06
241	**241**	0.0005	7.71E-06	4.06E-06	2.32E-05	2.2840E-05	4.2388E-04	7.4552E-06	4.0757E-06
242	**242**	0.0004	7.23E-06	3.83E-06	2.19E-05	2.1450E-05	4.0087E-04	7.0520E-06	3.8546E-06
243	**243**	0.0006	1.30E-05	5.77E-06	3.35E-05	4.0199E-05	5.6501E-04	1.0700E-05	5.4328E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
244	**244**	0.0006	1.25E-05	5.76E-06	3.31E-05	3.8486E-05	5.7042E-04	1.0563E-05	5.4848E-06
245	**245**	0.0006	1.20E-05	5.66E-06	3.24E-05	3.6500E-05	5.6786E-04	1.0321E-05	5.4602E-06
246	**246**	0.0006	1.13E-05	5.50E-06	3.14E-05	3.4366E-05	5.5770E-04	9.9927E-06	5.3625E-06
247	**247**	0.0006	1.06E-05	5.29E-06	3.01E-05	3.2192E-05	5.4077E-04	9.5994E-06	5.1997E-06
248	**248**	0.0006	9.99E-06	5.06E-06	2.88E-05	3.0089E-05	5.2008E-04	9.1816E-06	5.0008E-06
249	**249**	0.0005	9.39E-06	4.81E-06	2.74E-05	2.8104E-05	4.9679E-04	8.7556E-06	4.7769E-06
250	**250**	0.0006	1.18E-05	5.26E-06	3.06E-05	3.6734E-05	5.1886E-04	9.8155E-06	4.9890E-06
251	**251**	0.0006	1.14E-05	5.24E-06	3.03E-05	3.5185E-05	5.2268E-04	9.6866E-06	5.0258E-06
252	**252**	0.0006	1.09E-05	5.16E-06	2.97E-05	3.3421E-05	5.1988E-04	9.4712E-06	4.9988E-06
253	**253**	0.0006	1.03E-05	5.03E-06	2.88E-05	3.1540E-05	5.1077E-04	9.1844E-06	4.9112E-06
254	**254**	0.0005	9.74E-06	4.84E-06	2.77E-05	2.9631E-05	4.9601E-04	8.8422E-06	4.7693E-06
255	**255**	0.0005	9.19E-06	4.64E-06	2.65E-05	2.7781E-05	4.7809E-04	8.4788E-06	4.5970E-06
256	**256**	0.0005	8.67E-06	4.43E-06	2.53E-05	2.6023E-05	4.5745E-04	8.1006E-06	4.3986E-06
257	**257**	0.0005	1.07E-05	4.82E-06	2.81E-05	3.3712E-05	4.7852E-04	9.0470E-06	4.6012E-06
258	**258**	0.0005	1.04E-05	4.81E-06	2.78E-05	3.2309E-05	4.8116E-04	8.9260E-06	4.6265E-06
259	**259**	0.0005	9.94E-06	4.73E-06	2.73E-05	3.0733E-05	4.7823E-04	8.7331E-06	4.5983E-06
260	**260**	0.0005	9.47E-06	4.61E-06	2.65E-05	2.9068E-05	4.7004E-04	8.4808E-06	4.5196E-06
261	**261**	0.0005	8.97E-06	4.46E-06	2.56E-05	2.7380E-05	4.5710E-04	8.1803E-06	4.3952E-06
262	**262**	0.0005	8.49E-06	4.28E-06	2.45E-05	2.5743E-05	4.4140E-04	7.8604E-06	4.2442E-06
263	**263**	0.0005	8.04E-06	4.10E-06	2.35E-05	2.4187E-05	4.2351E-04	7.5285E-06	4.0723E-06
264	**264**	0.0005	9.85E-06	4.45E-06	2.60E-05	3.1061E-05	4.4324E-04	8.3793E-06	4.2619E-06
265	**265**	0.0005	9.52E-06	4.43E-06	2.57E-05	2.9787E-05	4.4487E-04	8.2632E-06	4.2776E-06
266	**266**	0.0005	9.14E-06	4.36E-06	2.52E-05	2.8374E-05	4.4182E-04	8.0876E-06	4.2483E-06
267	**267**	0.0005	8.73E-06	4.26E-06	2.45E-05	2.6890E-05	4.3444E-04	7.8638E-06	4.1773E-06
268	**268**	0.0005	8.30E-06	4.12E-06	2.37E-05	2.5396E-05	4.2339E-04	7.6036E-06	4.0711E-06
269	**269**	0.0004	7.88E-06	3.97E-06	2.28E-05	2.3938E-05	4.0945E-04	7.3179E-06	3.9370E-06
270	**270**	0.0004	7.47E-06	3.81E-06	2.18E-05	2.2550E-05	3.9369E-04	7.0216E-06	3.7855E-06
271	**271**	0.0004	9.07E-06	4.11E-06	2.41E-05	2.8720E-05	4.1185E-04	7.7873E-06	3.9601E-06
272	**272**	0.0004	8.78E-06	4.09E-06	2.38E-05	2.7561E-05	4.1283E-04	7.6789E-06	3.9695E-06
273	**273**	0.0004	8.45E-06	4.03E-06	2.34E-05	2.6289E-05	4.0979E-04	7.5198E-06	3.9402E-06
274	**274**	0.0004	8.08E-06	3.94E-06	2.28E-05	2.4961E-05	4.0308E-04	7.3192E-06	3.8758E-06
275	**275**	0.0004	7.71E-06	3.83E-06	2.21E-05	2.3626E-05	3.9324E-04	7.0874E-06	3.7812E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
276	**276**	0.0004	7.34E-06	3.69E-06	2.13E-05	2.2325E-05	3.8109E-04	6.8358E-06	3.6643E-06
277	**277**	0.0004	6.98E-06	3.55E-06	2.04E-05	2.1080E-05	3.6701E-04	6.5680E-06	3.5289E-06
278	**278**	0.0003	3.24E-05	2.89E-06	4.90E-05	2.3658E-05	2.8426E-04	1.8554E-05	2.7333E-06
279	**279**	0.0003	2.91E-05	2.99E-06	4.52E-05	2.4990E-05	2.9339E-04	1.6981E-05	2.8211E-06
280	**280**	0.0004	2.38E-05	3.26E-06	3.94E-05	2.8478E-05	3.1859E-04	1.4521E-05	3.0634E-06
281	**281**	0.0004	2.21E-05	3.20E-06	3.72E-05	2.8287E-05	3.1376E-04	1.3644E-05	3.0170E-06
282	**282**	0.0004	2.19E-05	3.51E-06	3.78E-05	3.1339E-05	3.4213E-04	1.3763E-05	3.2897E-06
283	**283**	0.0003	2.25E-05	2.95E-06	3.70E-05	2.5576E-05	2.8965E-04	1.3690E-05	2.7851E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
					School - Student Receptors				
26	**26**	0.0016	2.42E-05	1.59E-05	9.33E-05	8.0767E-05	1.5211E-03	3.5088E-05	1.4626E-05
27	**27**	0.0018	2.67E-05	1.73E-05	1.03E-04	8.7216E-05	1.6415E-03	3.8913E-05	1.5783E-05
28	**28**	0.0019	2.98E-05	1.89E-05	1.13E-04	9.4134E-05	1.7738E-03	4.3228E-05	1.7056E-05
29	**29**	0.0021	3.37E-05	2.06E-05	1.26E-04	1.0145E-04	1.9179E-03	4.8036E-05	1.8441E-05
30	**30**	0.0022	3.92E-05	2.23E-05	1.40E-04	1.0904E-04	2.0710E-03	5.3451E-05	1.9913E-05
31	**31**	0.0024	4.71E-05	2.39E-05	1.57E-04	1.1669E-04	2.2277E-03	5.9852E-05	2.1421E-05
32	**32**	0.0026	5.95E-05	2.54E-05	1.80E-04	1.2416E-04	2.3808E-03	6.8136E-05	2.2893E-05
33	**33**	0.0027	8.05E-05	2.68E-05	2.12E-04	1.3114E-04	2.5224E-03	8.0252E-05	2.4254E-05
34	**34**	0.0029	1.19E-04	2.79E-05	2.64E-04	1.3730E-04	2.6452E-03	1.0072E-04	2.5435E-05
35	**35**	0.0030	2.06E-04	2.87E-05	3.75E-04	1.4231E-04	2.7428E-03	1.4470E-04	2.6373E-05
36	**36**	0.0031	1.92E-04	2.92E-05	3.61E-04	1.4582E-04	2.8054E-03	1.3802E-04	2.6975E-05
37	**37**	0.0018	2.56E-05	1.78E-05	1.03E-04	8.8620E-05	1.6856E-03	3.9252E-05	1.6207E-05
38	**38**	0.0020	2.82E-05	1.96E-05	1.14E-04	9.6309E-05	1.8317E-03	4.3936E-05	1.7612E-05
39	**39**	0.0021	3.14E-05	2.16E-05	1.27E-04	1.0464E-04	1.9935E-03	4.9199E-05	1.9168E-05
40	**40**	0.0023	3.56E-05	2.37E-05	1.42E-04	1.1351E-04	2.1708E-03	5.4933E-05	2.0873E-05
41	**41**	0.0025	4.12E-05	2.58E-05	1.58E-04	1.2277E-04	2.3602E-03	6.1130E-05	2.2694E-05
42	**42**	0.0028	4.91E-05	2.78E-05	1.77E-04	1.3213E-04	2.5539E-03	6.8049E-05	2.4557E-05
43	**43**	0.0030	6.11E-05	2.97E-05	2.00E-04	1.4121E-04	2.7411E-03	7.6438E-05	2.6357E-05
44	**44**	0.0031	8.07E-05	3.12E-05	2.32E-04	1.4954E-04	2.9102E-03	8.7979E-05	2.7982E-05
45	**45**	0.0033	1.16E-04	3.24E-05	2.81E-04	1.5663E-04	3.0509E-03	1.0669E-04	2.9336E-05
46	**46**	0.0035	1.96E-04	3.33E-05	3.84E-04	1.6206E-04	3.1558E-03	1.4728E-04	3.0344E-05
47	**47**	0.0035	1.91E-04	3.38E-05	3.81E-04	1.6546E-04	3.2138E-03	1.4498E-04	3.0902E-05
48	**48**	0.0020	2.71E-05	2.01E-05	1.15E-04	9.7772E-05	1.8797E-03	4.4479E-05	1.8074E-05
49	**49**	0.0022	2.99E-05	2.24E-05	1.28E-04	1.0706E-04	2.0600E-03	5.0415E-05	1.9807E-05
50	**50**	0.0024	3.33E-05	2.50E-05	1.44E-04	1.1723E-04	2.2615E-03	5.7055E-05	2.1745E-05
51	**51**	0.0027	3.76E-05	2.77E-05	1.62E-04	1.2820E-04	2.4841E-03	6.4078E-05	2.3886E-05
52	**52**	0.0029	4.32E-05	3.04E-05	1.81E-04	1.3971E-04	2.7234E-03	7.1255E-05	2.6187E-05
53	**53**	0.0032	5.11E-05	3.29E-05	2.03E-04	1.5136E-04	2.9678E-03	7.8707E-05	2.8537E-05
54	**54**	0.0034	6.27E-05	3.51E-05	2.27E-04	1.6254E-04	3.2003E-03	8.7135E-05	3.0772E-05
55	**55**	0.0037	8.12E-05	3.69E-05	2.58E-04	1.7253E-04	3.4031E-03	9.8201E-05	3.2722E-05
56	**56**	0.0039	1.15E-04	3.83E-05	3.06E-04	1.8061E-04	3.5624E-03	1.1591E-04	3.4253E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
57	**57**	0.0040	1.92E-04	3.92E-05	4.06E-04	1.8627E-04	3.6698E-03	1.5512E-04	3.5287E-05
58	**58**	0.0041	1.91E-04	3.95E-05	4.07E-04	1.8917E-04	3.7151E-03	1.5440E-04	3.5722E-05
59	**59**	0.0023	2.88E-05	2.30E-05	1.29E-04	1.0853E-04	2.1109E-03	5.1280E-05	2.0297E-05
60	**60**	0.0025	3.17E-05	2.61E-05	1.47E-04	1.1992E-04	2.3376E-03	5.9163E-05	2.2477E-05
61	**61**	0.0028	3.53E-05	2.95E-05	1.67E-04	1.3258E-04	2.5940E-03	6.7943E-05	2.4943E-05
62	**62**	0.0031	3.97E-05	3.31E-05	1.89E-04	1.4641E-04	2.8807E-03	7.6831E-05	2.7699E-05
63	**63**	0.0034	4.54E-05	3.67E-05	2.12E-04	1.6107E-04	3.1912E-03	8.5217E-05	3.0684E-05
64	**64**	0.0038	5.31E-05	3.98E-05	2.36E-04	1.7589E-04	3.5073E-03	9.3128E-05	3.3724E-05
65	**65**	0.0041	6.43E-05	4.24E-05	2.62E-04	1.8987E-04	3.8009E-03	1.0141E-04	3.6547E-05
66	**66**	0.0044	8.20E-05	4.44E-05	2.94E-04	2.0183E-04	4.0439E-03	1.1193E-04	3.8884E-05
67	**67**	0.0046	1.14E-04	4.59E-05	3.40E-04	2.1079E-04	4.2182E-03	1.2886E-04	4.0559E-05
68	**68**	0.0047	1.90E-04	4.67E-05	4.38E-04	2.1624E-04	4.3183E-03	1.6681E-04	4.1522E-05
69	**69**	0.0047	1.90E-04	4.69E-05	4.40E-04	2.1806E-04	4.3374E-03	1.6639E-04	4.1706E-05
70	**70**	0.0026	3.07E-05	2.67E-05	1.48E-04	1.2130E-04	2.3890E-03	6.0557E-05	2.2971E-05
71	**71**	0.0029	3.39E-05	3.09E-05	1.71E-04	1.3551E-04	2.6803E-03	7.1767E-05	2.5772E-05
72	**72**	0.0033	3.76E-05	3.58E-05	1.98E-04	1.5163E-04	3.0157E-03	8.4155E-05	2.8997E-05
73	**73**	0.0037	4.22E-05	4.08E-05	2.27E-04	1.6955E-04	3.3965E-03	9.5799E-05	3.2659E-05
74	**74**	0.0041	4.79E-05	4.55E-05	2.56E-04	1.8878E-04	3.8137E-03	1.0551E-04	3.6670E-05
75	**75**	0.0046	5.54E-05	4.93E-05	2.83E-04	2.0817E-04	4.2356E-03	1.1354E-04	4.0727E-05
76	**76**	0.0050	6.61E-05	5.24E-05	3.11E-04	2.2590E-04	4.6120E-03	1.2124E-04	4.4346E-05
77	**77**	0.0053	8.30E-05	5.47E-05	3.43E-04	2.4002E-04	4.8979E-03	1.3096E-04	4.7095E-05
78	**78**	0.0055	1.14E-04	5.61E-05	3.88E-04	2.4932E-04	5.0745E-03	1.4699E-04	4.8794E-05
79	**79**	0.0056	1.87E-04	5.69E-05	4.82E-04	2.5374E-04	5.1482E-03	1.8336E-04	4.9502E-05
80	**80**	0.0056	1.88E-04	5.69E-05	4.84E-04	2.5363E-04	5.1207E-03	1.8234E-04	4.9237E-05
81	**81**	0.0029	3.30E-05	3.17E-05	1.73E-04	1.3659E-04	2.7266E-03	7.4086E-05	2.6217E-05
82	**82**	0.0034	3.64E-05	3.79E-05	2.06E-04	1.5468E-04	3.1101E-03	9.1831E-05	2.9905E-05
83	**83**	0.0039	4.04E-05	4.53E-05	2.45E-04	1.7577E-04	3.5641E-03	1.1093E-04	3.4270E-05
84	**84**	0.0044	4.51E-05	5.25E-05	2.85E-04	1.9984E-04	4.0924E-03	1.2649E-04	3.9350E-05
85	**85**	0.0050	5.07E-05	5.86E-05	3.21E-04	2.2614E-04	4.6805E-03	1.3710E-04	4.5005E-05
86	**86**	0.0057	5.80E-05	6.34E-05	3.52E-04	2.5245E-04	5.2673E-03	1.4426E-04	5.0647E-05
87	**87**	0.0062	6.81E-05	6.68E-05	3.81E-04	2.7510E-04	5.7526E-03	1.5052E-04	5.5314E-05
88	**88**	0.0065	8.39E-05	6.93E-05	4.12E-04	2.9092E-04	6.0681E-03	1.5902E-04	5.8347E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
89	**89**	0.0067	1.13E-04	7.07E-05	4.56E-04	2.9923E-04	6.2142E-03	1.7389E-04	5.9752E-05
90	**90**	0.0067	1.83E-04	7.13E-05	5.45E-04	3.0126E-04	6.2290E-03	2.0801E-04	5.9894E-05
91	**91**	0.0066	1.82E-04	7.09E-05	5.44E-04	2.9809E-04	6.1267E-03	2.0494E-04	5.8910E-05
92	**92**	0.0034	3.58E-05	3.86E-05	2.07E-04	1.5504E-04	3.1398E-03	9.5857E-05	3.0190E-05
93	**93**	0.0040	3.95E-05	4.90E-05	2.61E-04	1.7866E-04	3.6589E-03	1.2968E-04	3.5182E-05
94	**94**	0.0047	4.38E-05	6.15E-05	3.26E-04	2.0722E-04	4.3003E-03	1.6245E-04	4.1349E-05
95	**95**	0.0055	4.87E-05	7.23E-05	3.83E-04	2.4117E-04	5.0790E-03	1.8237E-04	4.8837E-05
96	**96**	0.0064	5.43E-05	8.00E-05	4.27E-04	2.7939E-04	5.9716E-03	1.9189E-04	5.7419E-05
97	**97**	0.0073	6.11E-05	8.56E-05	4.61E-04	3.1686E-04	6.8338E-03	1.9554E-04	6.5710E-05
98	**98**	0.0080	7.04E-05	8.94E-05	4.91E-04	3.4517E-04	7.4395E-03	1.9860E-04	7.1534E-05
99	**99**	0.0083	8.47E-05	9.19E-05	5.21E-04	3.6029E-04	7.7185E-03	2.0547E-04	7.4217E-05
100	**100**	0.0083	1.11E-04	9.32E-05	5.61E-04	3.6480E-04	7.7634E-03	2.1877E-04	7.4648E-05
101	**101**	0.0083	1.76E-04	9.36E-05	6.43E-04	3.6260E-04	7.6731E-03	2.4861E-04	7.3780E-05
102	**102**	0.0081	1.70E-04	9.26E-05	6.34E-04	3.5517E-04	7.4626E-03	2.3946E-04	7.1755E-05
103	**103**	0.0067	5.22E-05	1.01E-04	5.25E-04	2.8618E-04	6.2056E-03	2.2763E-04	5.9669E-05
104	**104**	0.0082	5.77E-05	1.10E-04	5.77E-04	3.4190E-04	7.5784E-03	2.3414E-04	7.2870E-05
105	**105**	0.0098	6.48E-05	1.21E-04	6.38E-04	4.0706E-04	9.1577E-03	2.4495E-04	8.8055E-05
106	**106**	0.0104	7.31E-05	1.25E-04	6.64E-04	4.3642E-04	9.7408E-03	2.4641E-04	9.3662E-05
107	**107**	0.0108	8.54E-05	1.33E-04	7.21E-04	4.5657E-04	1.0117E-02	2.6303E-04	9.7279E-05
108	**108**	0.0107	1.08E-04	1.34E-04	7.55E-04	4.5266E-04	9.9328E-03	2.7513E-04	9.5508E-05
109	**109**	0.0105	1.62E-04	1.34E-04	8.24E-04	4.4454E-04	9.6922E-03	3.2910E-04	9.3194E-05
110	**110**	0.0101	1.37E-04	1.32E-04	7.88E-04	4.3203E-04	9.3477E-03	2.9803E-04	8.9882E-05
111	**111**	0.0056	4.72E-05	8.70E-05	4.53E-04	2.4032E-04	5.0999E-03	2.1015E-04	4.9038E-05
112	**112**	0.0045	4.21E-05	6.28E-05	3.29E-04	1.9937E-04	4.1439E-03	1.5506E-04	3.9845E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
					School - Teacher Receptors				
26	**26**	0.0016	2.17E-05	1.59E-05	9.53E-05	8.0767E-05	1.5211E-03	3.6957E-05	1.4626E-05
27	**27**	0.0018	2.29E-05	1.73E-05	1.04E-04	8.7216E-05	1.6415E-03	4.0691E-05	1.5783E-05
28	**28**	0.0019	2.42E-05	1.89E-05	1.13E-04	9.4134E-05	1.7738E-03	4.4664E-05	1.7056E-05
29	**29**	0.0021	2.54E-05	2.06E-05	1.23E-04	1.0145E-04	1.9179E-03	4.8672E-05	1.8441E-05
30	**30**	0.0022	2.66E-05	2.23E-05	1.34E-04	1.0904E-04	2.0710E-03	5.2500E-05	1.9913E-05
31	**31**	0.0024	2.75E-05	2.39E-05	1.43E-04	1.1669E-04	2.2277E-03	5.5961E-05	2.1421E-05
32	**32**	0.0026	2.83E-05	2.54E-05	1.53E-04	1.2416E-04	2.3808E-03	5.8916E-05	2.2893E-05
33	**33**	0.0027	2.90E-05	2.68E-05	1.61E-04	1.3114E-04	2.5224E-03	6.1278E-05	2.4254E-05
34	**34**	0.0028	2.94E-05	2.79E-05	1.67E-04	1.3730E-04	2.6452E-03	6.2999E-05	2.5435E-05
35	**35**	0.0029	2.96E-05	2.87E-05	1.72E-04	1.4231E-04	2.7428E-03	6.4081E-05	2.6373E-05
36	**36**	0.0030	2.96E-05	2.92E-05	1.75E-04	1.4582E-04	2.8054E-03	6.4425E-05	2.6975E-05
37	**37**	0.0018	2.37E-05	1.78E-05	1.07E-04	8.8620E-05	1.6856E-03	4.2074E-05	1.6207E-05
38	**38**	0.0020	2.51E-05	1.96E-05	1.18E-04	9.6309E-05	1.8317E-03	4.6871E-05	1.7612E-05
39	**39**	0.0022	2.66E-05	2.16E-05	1.30E-04	1.0464E-04	1.9935E-03	5.2008E-05	1.9168E-05
40	**40**	0.0023	2.80E-05	2.37E-05	1.42E-04	1.1351E-04	2.1708E-03	5.7147E-05	2.0873E-05
41	**41**	0.0025	2.93E-05	2.58E-05	1.55E-04	1.2277E-04	2.3602E-03	6.1931E-05	2.2694E-05
42	**42**	0.0028	3.04E-05	2.78E-05	1.67E-04	1.3213E-04	2.5539E-03	6.6081E-05	2.4557E-05
43	**43**	0.0030	3.13E-05	2.97E-05	1.78E-04	1.4121E-04	2.7411E-03	6.9440E-05	2.6357E-05
44	**44**	0.0031	3.20E-05	3.12E-05	1.87E-04	1.4954E-04	2.9102E-03	7.1968E-05	2.7982E-05
45	**45**	0.0033	3.24E-05	3.24E-05	1.95E-04	1.5663E-04	3.0509E-03	7.3676E-05	2.9336E-05
46	**46**	0.0034	3.25E-05	3.33E-05	2.00E-04	1.6206E-04	3.1558E-03	7.4605E-05	3.0344E-05
47	**47**	0.0035	3.23E-05	3.38E-05	2.03E-04	1.6546E-04	3.2138E-03	7.4637E-05	3.0902E-05
48	**48**	0.0020	2.60E-05	2.01E-05	1.21E-04	9.7772E-05	1.8797E-03	4.8562E-05	1.8074E-05
49	**49**	0.0022	2.77E-05	2.24E-05	1.35E-04	1.0706E-04	2.0600E-03	5.4926E-05	1.9807E-05
50	**50**	0.0024	2.94E-05	2.50E-05	1.50E-04	1.1723E-04	2.2615E-03	6.1788E-05	2.1745E-05
51	**51**	0.0027	3.11E-05	2.77E-05	1.66E-04	1.2820E-04	2.4841E-03	6.8543E-05	2.3886E-05
52	**52**	0.0029	3.26E-05	3.04E-05	1.83E-04	1.3971E-04	2.7234E-03	7.4582E-05	2.6187E-05
53	**53**	0.0032	3.38E-05	3.29E-05	1.98E-04	1.5136E-04	2.9678E-03	7.9501E-05	2.8537E-05
54	**54**	0.0034	3.48E-05	3.51E-05	2.11E-04	1.6254E-04	3.2003E-03	8.3192E-05	3.0772E-05
55	**55**	0.0037	3.54E-05	3.69E-05	2.21E-04	1.7253E-04	3.4031E-03	8.5759E-05	3.2722E-05
56	**56**	0.0038	3.58E-05	3.83E-05	2.30E-04	1.8061E-04	3.5624E-03	8.7337E-05	3.4253E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
57	**57**	0.0039	3.58E-05	3.92E-05	2.35E-04	1.8627E-04	3.6698E-03	8.8009E-05	3.5287E-05
58	**58**	0.0040	3.54E-05	3.95E-05	2.37E-04	1.8917E-04	3.7151E-03	8.7581E-05	3.5722E-05
59	**59**	0.0023	2.87E-05	2.30E-05	1.38E-04	1.0853E-04	2.1109E-03	5.7062E-05	2.0297E-05
60	**60**	0.0025	3.07E-05	2.61E-05	1.56E-04	1.1992E-04	2.3376E-03	6.5881E-05	2.2477E-05
61	**61**	0.0028	3.28E-05	2.95E-05	1.77E-04	1.3258E-04	2.5940E-03	7.5447E-05	2.4943E-05
62	**62**	0.0031	3.47E-05	3.31E-05	1.99E-04	1.4641E-04	2.8807E-03	8.4575E-05	2.7699E-05
63	**63**	0.0034	3.65E-05	3.67E-05	2.20E-04	1.6107E-04	3.1912E-03	9.2200E-05	3.0684E-05
64	**64**	0.0038	3.79E-05	3.98E-05	2.39E-04	1.7589E-04	3.5073E-03	9.7842E-05	3.3724E-05
65	**65**	0.0041	3.89E-05	4.24E-05	2.54E-04	1.8987E-04	3.8009E-03	1.0163E-04	3.6547E-05
66	**66**	0.0043	3.95E-05	4.44E-05	2.67E-04	2.0183E-04	4.0439E-03	1.0401E-04	3.8884E-05
67	**67**	0.0045	3.97E-05	4.59E-05	2.75E-04	2.1079E-04	4.2182E-03	1.0531E-04	4.0559E-05
68	**68**	0.0046	3.95E-05	4.67E-05	2.80E-04	2.1624E-04	4.3183E-03	1.0560E-04	4.1522E-05
69	**69**	0.0047	3.88E-05	4.69E-05	2.82E-04	2.1806E-04	4.3374E-03	1.0450E-04	4.1706E-05
70	**70**	0.0026	3.20E-05	2.67E-05	1.60E-04	1.2130E-04	2.3890E-03	6.8708E-05	2.2971E-05
71	**71**	0.0029	3.44E-05	3.09E-05	1.86E-04	1.3551E-04	2.6803E-03	8.1733E-05	2.5772E-05
72	**72**	0.0033	3.69E-05	3.58E-05	2.15E-04	1.5163E-04	3.0157E-03	9.5868E-05	2.8997E-05
73	**73**	0.0037	3.92E-05	4.08E-05	2.45E-04	1.6955E-04	3.3965E-03	1.0852E-04	3.2659E-05
74	**74**	0.0041	4.12E-05	4.55E-05	2.73E-04	1.8878E-04	3.8137E-03	1.1792E-04	3.6670E-05
75	**75**	0.0046	4.27E-05	4.93E-05	2.96E-04	2.0817E-04	4.2356E-03	1.2390E-04	4.0727E-05
76	**76**	0.0050	4.38E-05	5.24E-05	3.14E-04	2.2590E-04	4.6120E-03	1.2727E-04	4.4346E-05
77	**77**	0.0053	4.43E-05	5.47E-05	3.28E-04	2.4002E-04	4.8979E-03	1.2912E-04	4.7095E-05
78	**78**	0.0055	4.43E-05	5.61E-05	3.37E-04	2.4932E-04	5.0745E-03	1.2999E-04	4.8794E-05
79	**79**	0.0055	4.37E-05	5.69E-05	3.41E-04	2.5374E-04	5.1482E-03	1.2974E-04	4.9502E-05
80	**80**	0.0055	4.26E-05	5.69E-05	3.41E-04	2.5363E-04	5.1207E-03	1.2758E-04	4.9237E-05
81	**81**	0.0029	3.59E-05	3.17E-05	1.90E-04	1.3659E-04	2.7266E-03	8.5732E-05	2.6217E-05
82	**82**	0.0034	3.88E-05	3.79E-05	2.27E-04	1.5468E-04	3.1101E-03	1.0701E-04	2.9905E-05
83	**83**	0.0039	4.18E-05	4.53E-05	2.72E-04	1.7577E-04	3.5641E-03	1.2964E-04	3.4270E-05
84	**84**	0.0044	4.46E-05	5.25E-05	3.15E-04	1.9984E-04	4.0924E-03	1.4731E-04	3.9350E-05
85	**85**	0.0051	4.70E-05	5.86E-05	3.52E-04	2.2614E-04	4.6805E-03	1.5798E-04	4.5005E-05
86	**86**	0.0057	4.87E-05	6.34E-05	3.80E-04	2.5245E-04	5.2673E-03	1.6310E-04	5.0647E-05
87	**87**	0.0062	4.97E-05	6.68E-05	4.01E-04	2.7510E-04	5.7526E-03	1.6504E-04	5.5314E-05
88	**88**	0.0065	5.00E-05	6.93E-05	4.16E-04	2.9092E-04	6.0681E-03	1.6594E-04	5.8347E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
89	**89**	0.0067	4.96E-05	7.07E-05	4.24E-04	2.9923E-04	6.2142E-03	1.6628E-04	5.9752E-05
90	**90**	0.0067	4.85E-05	7.13E-05	4.28E-04	3.0126E-04	6.2290E-03	1.6515E-04	5.9894E-05
91	**91**	0.0066	4.69E-05	7.09E-05	4.25E-04	2.9809E-04	6.1267E-03	1.6098E-04	5.8910E-05
92	**92**	0.0034	4.07E-05	3.86E-05	2.31E-04	1.5504E-04	3.1398E-03	1.1315E-04	3.0190E-05
93	**93**	0.0040	4.43E-05	4.90E-05	2.94E-04	1.7866E-04	3.6589E-03	1.5470E-04	3.5182E-05
94	**94**	0.0047	4.81E-05	6.15E-05	3.69E-04	2.0722E-04	4.3003E-03	1.9460E-04	4.1349E-05
95	**95**	0.0055	5.15E-05	7.23E-05	4.34E-04	2.4117E-04	5.0790E-03	2.1787E-04	4.8837E-05
96	**96**	0.0065	5.42E-05	8.00E-05	4.80E-04	2.7939E-04	5.9716E-03	2.2734E-04	5.7419E-05
97	**97**	0.0074	5.61E-05	8.56E-05	5.13E-04	3.1686E-04	6.8338E-03	2.2833E-04	6.5710E-05
98	**98**	0.0080	5.70E-05	8.94E-05	5.36E-04	3.4517E-04	7.4395E-03	2.2671E-04	7.1534E-05
99	**99**	0.0083	5.68E-05	9.19E-05	5.51E-04	3.6029E-04	7.7185E-03	2.2637E-04	7.4217E-05
100	**100**	0.0084	5.58E-05	9.32E-05	5.59E-04	3.6480E-04	7.7634E-03	2.2618E-04	7.4648E-05
101	**101**	0.0083	5.40E-05	9.36E-05	5.61E-04	3.6260E-04	7.6731E-03	2.2276E-04	7.3780E-05
102	**102**	0.0080	5.15E-05	9.26E-05	5.56E-04	3.5517E-04	7.4626E-03	2.1372E-04	7.1755E-05
103	**103**	0.0068	5.83E-05	1.01E-04	6.05E-04	2.8618E-04	6.2056E-03	2.7510E-04	5.9669E-05
104	**104**	0.0082	6.15E-05	1.10E-04	6.62E-04	3.4190E-04	7.5784E-03	2.8101E-04	7.2870E-05
105	**105**	0.0099	6.44E-05	1.21E-04	7.27E-04	4.0706E-04	9.1577E-03	2.9122E-04	8.8055E-05
106	**106**	0.0105	6.48E-05	1.25E-04	7.48E-04	4.3642E-04	9.7408E-03	2.8800E-04	9.3662E-05
107	**107**	0.0109	6.49E-05	1.33E-04	7.98E-04	4.5657E-04	1.0117E-02	3.0128E-04	9.7279E-05
108	**108**	0.0107	6.29E-05	1.34E-04	8.04E-04	4.5266E-04	9.9328E-03	3.0184E-04	9.5508E-05
109	**109**	0.0105	6.00E-05	1.34E-04	8.03E-04	4.4454E-04	9.6922E-03	3.3460E-04	9.3194E-05
110	**110**	0.0101	5.66E-05	1.32E-04	7.94E-04	4.3203E-04	9.3477E-03	3.0977E-04	8.9882E-05
111	**111**	0.0056	5.43E-05	8.70E-05	5.22E-04	2.4032E-04	5.0999E-03	2.5475E-04	4.9038E-05
112	**112**	0.0045	4.94E-05	6.28E-05	3.77E-04	1.9937E-04	4.1439E-03	1.8683E-04	3.9845E-05

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

				Cancer Risk									
Receptor #	Total Per/Million	Rec#		Haul1&3	Haul2&3	Idle		Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	
	1.438	278	<-Max	0.6335	1.1444	0.6360	Res						
	2.30	110		1.144	1.003	1.216	Teacher	7.07	#N/A	6.634	3.524	3.085	Student
						Residential Receptors							
1	2.594E-01			5.53E-02	1.41E-01	1.18E-01							
2	2.837E-01			5.84E-02	1.58E-01	1.26E-01							
3	3.136E-01			6.20E-02	1.80E-01	1.34E-01							
4	3.503E-01			6.58E-02	2.07E-01	1.43E-01							
5	3.980E-01			7.01E-02	2.45E-01	1.53E-01							
6	2.574E-01			5.50E-02	1.40E-01	1.17E-01							
7	2.813E-01			5.81E-02	1.57E-01	1.25E-01							
8	3.105E-01			6.16E-02	1.78E-01	1.33E-01							
9	3.475E-01			6.55E-02	2.05E-01	1.42E-01							
10	3.946E-01			6.98E-02	2.42E-01	1.52E-01							
11	2.547E-01			5.46E-02	1.38E-01	1.16E-01							
12	2.783E-01			5.78E-02	1.55E-01	1.24E-01							
13	3.072E-01			6.13E-02	1.75E-01	1.32E-01							
14	3.440E-01			6.52E-02	2.03E-01	1.41E-01							
15	3.908E-01			6.95E-02	2.39E-01	1.52E-01							
16	2.519E-01			5.43E-02	1.36E-01	1.16E-01							
17	2.755E-01			5.75E-02	1.53E-01	1.23E-01							
18	3.041E-01			6.10E-02	1.73E-01	1.31E-01							
19	3.396E-01			6.48E-02	1.99E-01	1.40E-01							
20	3.867E-01			6.92E-02	2.36E-01	1.51E-01							
21	2.144E-01			5.41E-02	9.95E-02	1.15E-01							
22	2.330E-01			5.73E-02	1.11E-01	1.22E-01							
23	2.554E-01			6.08E-02	1.25E-01	1.30E-01							
24	2.828E-01			6.46E-02	1.43E-01	1.40E-01							
25	3.172E-01			6.89E-02	1.67E-01	1.50E-01							
113	1.186E+00			6.34E-01	2.49E-01	5.53E-01							
114	1.077E+00			5.75E-01	2.28E-01	5.03E-01							
115	9.812E-01			5.23E-01	2.09E-01	4.58E-01							
116	8.940E-01			4.74E-01	1.92E-01	4.20E-01							

6.63 ***Maximum using Haul rounte to Shiloh***

85

82

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
117	1.150E+00		5.81E-01	2.56E-01	5.69E-01					
118	1.041E+00		5.26E-01	2.33E-01	5.15E-01					
119	9.455E-01		4.77E-01	2.13E-01	4.68E-01					
120	8.599E-01		4.33E-01	1.96E-01	4.27E-01					
121	1.123E+00		5.38E-01	2.63E-01	5.84E-01					
122	1.014E+00		4.87E-01	2.38E-01	5.27E-01					
123	9.184E-01		4.41E-01	2.17E-01	4.77E-01					
124	8.343E-01		4.00E-01	1.99E-01	4.34E-01					
125	1.102E+00		5.04E-01	2.68E-01	5.97E-01					
126	9.919E-01		4.55E-01	2.42E-01	5.37E-01					
127	8.971E-01		4.12E-01	2.33E-01	4.85E-01					
128	8.141E-01		3.74E-01	2.14E-01	4.40E-01					
129	1.084E+00		4.76E-01	2.88E-01	6.09E-01					
130	9.743E-01		4.29E-01	2.60E-01	5.45E-01					
131	8.798E-01		3.89E-01	2.36E-01	4.91E-01					
132	7.978E-01		3.53E-01	2.16E-01	4.45E-01					
133	1.070E+00		4.51E-01	2.92E-01	6.18E-01					
134	9.592E-01		4.07E-01	2.64E-01	5.52E-01					
135	8.651E-01		3.69E-01	2.39E-01	4.97E-01					
136	7.840E-01		3.35E-01	2.18E-01	4.49E-01					
137	1.056E+00		4.30E-01	2.96E-01	6.26E-01					
138	8.520E-01		3.51E-01	2.41E-01	5.01E-01					
139	7.718E-01		3.19E-01	2.20E-01	4.53E-01					
140	1.013E+00		3.77E-01	3.01E-01	6.36E-01					
141	9.052E-01		3.40E-01	2.70E-01	5.65E-01					
142	8.145E-01		3.09E-01	2.44E-01	5.06E-01					
143	7.374E-01		2.81E-01	2.22E-01	4.56E-01					
144	9.951E-01		3.61E-01	3.00E-01	6.34E-01					
145	8.892E-01		3.26E-01	2.70E-01	5.63E-01					
146	8.003E-01		2.96E-01	2.44E-01	5.04E-01					
147	7.248E-01		2.70E-01	2.22E-01	4.55E-01					
148	9.737E-01		3.45E-01	2.98E-01	6.29E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
149	8.708E-01		3.12E-01	2.68E-01	5.59E-01					
150	7.844E-01		2.84E-01	2.42E-01	5.01E-01					
151	7.110E-01		2.59E-01	2.21E-01	4.52E-01					
152	9.482E-01		3.29E-01	2.94E-01	6.20E-01					
153	8.495E-01		2.98E-01	2.65E-01	5.52E-01					
154	7.663E-01		2.72E-01	2.40E-01	4.95E-01					
155	6.955E-01		2.49E-01	2.19E-01	4.47E-01					
156	9.176E-01		3.12E-01	2.88E-01	6.06E-01					
157	8.246E-01		2.84E-01	2.60E-01	5.41E-01					
158	7.456E-01		2.59E-01	2.37E-01	4.86E-01					
159	6.780E-01		2.38E-01	2.16E-01	4.40E-01					
160	8.813E-01		2.94E-01	2.80E-01	5.87E-01					
161	7.953E-01		2.69E-01	2.54E-01	5.26E-01					
162	7.216E-01		2.47E-01	2.32E-01	4.75E-01					
163	6.579E-01		2.27E-01	2.13E-01	4.31E-01					
164	8.395E-01		2.77E-01	2.71E-01	5.63E-01					
165	7.615E-01		2.54E-01	2.47E-01	5.08E-01					
166	6.934E-01		2.34E-01	2.26E-01	4.60E-01					
167	6.346E-01		2.16E-01	2.08E-01	4.19E-01					
168	7.952E-01		2.59E-01	2.60E-01	5.35E-01					
169	7.239E-01		2.39E-01	2.38E-01	4.85E-01					
170	6.623E-01		2.21E-01	2.19E-01	4.42E-01					
171	6.089E-01		2.05E-01	2.02E-01	4.04E-01					
172	7.535E-01		2.42E-01	2.49E-01	5.04E-01					
173	6.892E-01		2.24E-01	2.29E-01	4.60E-01					
174	6.328E-01		2.08E-01	2.12E-01	4.21E-01					
175	5.833E-01		1.94E-01	1.96E-01	3.87E-01					
176	7.110E-01		2.25E-01	2.38E-01	4.73E-01					
177	6.533E-01		2.09E-01	2.20E-01	4.34E-01					
178	6.026E-01		1.95E-01	2.03E-01	3.99E-01					
179	5.578E-01		1.83E-01	1.89E-01	3.69E-01					
180	6.686E-01		2.10E-01	2.27E-01	4.42E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
181	6.171E-01		1.96E-01	2.10E-01	4.07E-01					
182	5.714E-01		1.83E-01	1.95E-01	3.76E-01					
183	5.311E-01		1.72E-01	1.82E-01	3.49E-01					
184	8.702E-01		2.79E-01	2.84E-01	5.87E-01					
185	7.739E-01		2.35E-01	2.64E-01	5.10E-01					
186	7.093E-01		2.18E-01	2.42E-01	4.67E-01					
187	6.530E-01		2.04E-01	2.23E-01	4.30E-01					
188	6.036E-01		1.90E-01	2.07E-01	3.97E-01					
189	7.826E-01		2.33E-01	2.73E-01	5.10E-01					
190	7.179E-01		2.17E-01	2.50E-01	4.68E-01					
191	6.613E-01		2.03E-01	2.30E-01	4.31E-01					
192	6.116E-01		1.90E-01	2.13E-01	3.99E-01					
193	5.676E-01		1.78E-01	1.98E-01	3.70E-01					
194	7.234E-01		2.15E-01	2.58E-01	4.66E-01					
195	6.663E-01		2.01E-01	2.37E-01	4.29E-01					
196	6.165E-01		1.88E-01	2.19E-01	3.98E-01					
197	5.721E-01		1.77E-01	2.03E-01	3.69E-01					
198	5.330E-01		1.66E-01	1.89E-01	3.44E-01					
199	6.717E-01		2.00E-01	2.44E-01	4.28E-01					
200	6.204E-01		1.87E-01	2.25E-01	3.96E-01					
201	5.755E-01		1.75E-01	2.08E-01	3.67E-01					
202	5.357E-01		1.65E-01	1.94E-01	3.42E-01					
203	5.006E-01		1.56E-01	1.80E-01	3.20E-01					
204	8.913E-01		2.45E-01	3.30E-01	5.61E-01					
205	6.268E-01		1.86E-01	2.31E-01	3.96E-01					
206	5.802E-01		1.74E-01	2.14E-01	3.66E-01					
207	5.390E-01		1.64E-01	1.98E-01	3.41E-01					
208	5.029E-01		1.55E-01	1.85E-01	3.18E-01					
209	8.209E-01		2.25E-01	3.08E-01	5.13E-01					
210	7.517E-01		2.10E-01	2.82E-01	4.70E-01					
211	6.901E-01		1.97E-01	2.58E-01	4.32E-01					
212	6.357E-01		1.85E-01	2.38E-01	3.98E-01					

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
213	5.875E-01		1.74E-01	2.20E-01	3.68E-01					
214	5.449E-01		1.63E-01	2.04E-01	3.41E-01					
215	5.071E-01		1.54E-01	1.89E-01	3.18E-01					
216	8.233E-01		2.16E-01	3.21E-01	5.02E-01					
217	7.593E-01		2.04E-01	2.94E-01	4.65E-01					
218	7.011E-01		1.92E-01	2.70E-01	4.31E-01					
219	6.491E-01		1.81E-01	2.49E-01	4.00E-01					
220	6.017E-01		1.71E-01	2.30E-01	3.72E-01					
221	5.588E-01		1.61E-01	2.13E-01	3.45E-01					
222	7.564E-01		1.99E-01	2.98E-01	4.58E-01					
223	7.008E-01		1.88E-01	2.74E-01	4.27E-01					
224	6.504E-01		1.78E-01	2.53E-01	3.97E-01					
225	6.048E-01		1.69E-01	2.34E-01	3.71E-01					
226	5.629E-01		1.60E-01	2.17E-01	3.46E-01					
227	6.971E-01		1.84E-01	2.77E-01	4.20E-01					
228	6.485E-01		1.75E-01	2.56E-01	3.93E-01					
229	6.043E-01		1.66E-01	2.37E-01	3.68E-01					
230	5.639E-01		1.58E-01	2.20E-01	3.44E-01					
231	6.439E-01		1.71E-01	2.58E-01	3.86E-01					
232	6.017E-01		1.63E-01	2.39E-01	3.63E-01					
233	5.627E-01		1.55E-01	2.22E-01	3.41E-01					
234	5.271E-01		1.48E-01	2.07E-01	3.20E-01					
235	5.963E-01		1.59E-01	2.40E-01	3.56E-01					
236	5.595E-01		1.52E-01	2.23E-01	3.36E-01					
237	5.248E-01		1.45E-01	2.08E-01	3.17E-01					
238	4.935E-01		1.39E-01	1.95E-01	2.99E-01					
239	5.534E-01		1.49E-01	2.23E-01	3.30E-01					
240	5.207E-01		1.42E-01	2.08E-01	3.12E-01					
241	4.905E-01		1.36E-01	1.95E-01	2.95E-01					
242	4.628E-01		1.30E-01	1.83E-01	2.80E-01					
243	8.241E-01		1.85E-01	3.71E-01	4.53E-01					
244	7.841E-01		1.82E-01	3.44E-01	4.40E-01					

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
245	7.436E-01		1.77E-01	3.19E-01	4.24E-01					
246	7.032E-01		1.72E-01	2.97E-01	4.06E-01					
247	6.633E-01		1.66E-01	2.76E-01	3.87E-01					
248	6.254E-01		1.60E-01	2.58E-01	3.68E-01					
249	5.893E-01		1.54E-01	2.40E-01	3.49E-01					
250	7.483E-01		1.72E-01	3.33E-01	4.15E-01					
251	7.143E-01		1.69E-01	3.11E-01	4.03E-01					
252	6.796E-01		1.65E-01	2.90E-01	3.89E-01					
253	6.448E-01		1.60E-01	2.71E-01	3.74E-01					
254	6.102E-01		1.55E-01	2.53E-01	3.57E-01					
255	5.772E-01		1.50E-01	2.37E-01	3.40E-01					
256	5.452E-01		1.44E-01	2.22E-01	3.23E-01					
257	6.833E-01		1.60E-01	3.02E-01	3.82E-01					
258	6.541E-01		1.57E-01	2.83E-01	3.71E-01					
259	6.241E-01		1.54E-01	2.65E-01	3.59E-01					
260	5.938E-01		1.49E-01	2.49E-01	3.45E-01					
261	5.635E-01		1.45E-01	2.33E-01	3.30E-01					
262	5.346E-01		1.40E-01	2.19E-01	3.15E-01					
263	5.063E-01		1.35E-01	2.06E-01	3.01E-01					
264	6.274E-01		1.49E-01	2.75E-01	3.53E-01					
265	6.019E-01		1.47E-01	2.59E-01	3.43E-01					
266	5.755E-01		1.44E-01	2.43E-01	3.32E-01					
267	5.490E-01		1.40E-01	2.29E-01	3.20E-01					
268	5.227E-01		1.36E-01	2.16E-01	3.07E-01					
269	4.970E-01		1.31E-01	2.03E-01	2.94E-01					
270	4.718E-01		1.27E-01	1.91E-01	2.80E-01					
271	5.785E-01		1.40E-01	2.52E-01	3.27E-01					
272	5.561E-01		1.37E-01	2.38E-01	3.18E-01					
273	5.329E-01		1.35E-01	2.25E-01	3.08E-01					
274	5.095E-01		1.31E-01	2.12E-01	2.97E-01					
275	4.862E-01		1.28E-01	2.00E-01	2.86E-01					
276	4.635E-01		1.24E-01	1.89E-01	2.74E-01					

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
277	4.407E-01		1.20E-01	1.78E-01	2.62E-01					
278	1.438E+00		1.24E-01	1.14E+00	2.94E-01					
279	1.374E+00		1.29E-01	1.07E+00	3.07E-01					
280	1.293E+00		1.40E-01	9.53E-01	3.41E-01					
281	1.205E+00		1.39E-01	8.69E-01	3.36E-01					
282	1.310E+00		1.50E-01	9.40E-01	3.69E-01					
283	1.129E+00		1.28E-01	8.22E-01	3.07E-01					

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
					School Receptors					
26	2.331E-01		8.22E-02	6.17E-02	1.51E-01	0.72	6.74E-01	2.53E-01	2.09E-01	0.46
27	2.535E-01		9.14E-02	6.67E-02	1.62E-01	0.78	7.21E-01	2.82E-01	2.22E-01	0.50
28	2.767E-01		1.03E-01	7.23E-02	1.74E-01	0.85	7.72E-01	3.16E-01	2.36E-01	0.54
29	3.033E-01		1.16E-01	7.88E-02	1.87E-01	0.93	8.27E-01	3.59E-01	2.51E-01	0.58
30	3.343E-01		1.34E-01	8.63E-02	2.00E-01	1.03	8.84E-01	4.13E-01	2.67E-01	0.62
31	3.712E-01		1.57E-01	9.17E-02	2.14E-01	1.14	9.43E-01	4.85E-01	2.84E-01	0.66
32	4.166E-01		1.89E-01	9.77E-02	2.28E-01	1.28	1.00E+00	5.81E-01	3.02E-01	0.70
33	4.746E-01		2.32E-01	1.04E-01	2.42E-01	1.46	1.07E+00	7.16E-01	3.21E-01	0.75
34	5.542E-01		2.98E-01	1.10E-01	2.56E-01	1.71	1.13E+00	9.18E-01	3.41E-01	0.79
35	6.888E-01		4.20E-01	1.17E-01	2.68E-01	2.12	1.19E+00	1.29E+00	3.60E-01	0.83
36	6.714E-01		3.93E-01	1.23E-01	2.78E-01	2.07	1.23E+00	1.21E+00	3.77E-01	0.86
37	2.522E-01		8.70E-02	7.33E-02	1.65E-01	0.78	7.35E-01	2.68E-01	2.26E-01	0.51
38	2.754E-01		9.70E-02	7.80E-02	1.78E-01	0.85	7.91E-01	2.99E-01	2.41E-01	0.55
39	3.018E-01		1.09E-01	8.32E-02	1.93E-01	0.93	8.52E-01	3.36E-01	2.58E-01	0.59
40	3.320E-01		1.24E-01	8.88E-02	2.08E-01	1.02	9.17E-01	3.81E-01	2.76E-01	0.64
41	3.667E-01		1.42E-01	9.50E-02	2.24E-01	1.13	9.87E-01	4.38E-01	2.96E-01	0.69
42	4.070E-01		1.66E-01	1.02E-01	2.41E-01	1.25	1.06E+00	5.11E-01	3.17E-01	0.74
43	4.550E-01		1.96E-01	1.10E-01	2.59E-01	1.40	1.14E+00	6.05E-01	3.40E-01	0.80
44	5.141E-01		2.38E-01	1.18E-01	2.76E-01	1.58	1.22E+00	7.33E-01	3.64E-01	0.85
45	5.926E-01		2.99E-01	1.26E-01	2.94E-01	1.83	1.29E+00	9.21E-01	3.89E-01	0.90
46	7.240E-01		4.15E-01	1.34E-01	3.09E-01	2.23	1.36E+00	1.28E+00	4.14E-01	0.95
47	7.234E-01		4.04E-01	1.42E-01	3.20E-01	2.23	1.42E+00	1.24E+00	4.36E-01	0.98
48	2.738E-01		9.23E-02	7.94E-02	1.82E-01	0.84	8.05E-01	2.84E-01	2.45E-01	0.56
49	3.005E-01		1.03E-01	8.50E-02	1.97E-01	0.93	8.71E-01	3.18E-01	2.63E-01	0.61
50	3.309E-01		1.16E-01	9.12E-02	2.15E-01	1.02	9.44E-01	3.58E-01	2.83E-01	0.66
51	3.655E-01		1.32E-01	9.82E-02	2.33E-01	1.13	1.02E+00	4.07E-01	3.05E-01	0.72
52	4.050E-01		1.51E-01	1.06E-01	2.54E-01	1.25	1.11E+00	4.67E-01	3.29E-01	0.78
53	4.503E-01		1.76E-01	1.15E-01	2.75E-01	1.39	1.20E+00	5.41E-01	3.56E-01	0.85
54	5.031E-01		2.07E-01	1.25E-01	2.96E-01	1.55	1.30E+00	6.36E-01	3.86E-01	0.91
55	5.668E-01		2.48E-01	1.35E-01	3.19E-01	1.75	1.40E+00	7.63E-01	4.17E-01	0.98
56	6.494E-01		3.08E-01	1.46E-01	3.41E-01	2.00	1.50E+00	9.50E-01	4.50E-01	1.05

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
57	7.848E-01		4.25E-01	1.57E-01	3.60E-01	2.42	1.59E+00	1.31E+00	4.84E-01	1.11
58	7.939E-01		4.21E-01	1.67E-01	3.73E-01	2.45	1.66E+00	1.30E+00	5.14E-01	1.15
59	2.986E-01		9.81E-02	8.63E-02	2.00E-01	0.92	8.84E-01	3.02E-01	2.67E-01	0.62
60	3.295E-01		1.10E-01	9.30E-02	2.19E-01	1.02	9.64E-01	3.39E-01	2.88E-01	0.68
61	3.649E-01		1.24E-01	1.01E-01	2.41E-01	1.12	1.05E+00	3.83E-01	3.12E-01	0.74
62	4.053E-01		1.41E-01	1.09E-01	2.64E-01	1.25	1.15E+00	4.36E-01	3.39E-01	0.81
63	4.514E-01		1.62E-01	1.19E-01	2.89E-01	1.39	1.26E+00	5.00E-01	3.70E-01	0.89
64	5.040E-01		1.88E-01	1.31E-01	3.16E-01	1.55	1.38E+00	5.79E-01	4.05E-01	0.97
65	5.647E-01		2.20E-01	1.43E-01	3.44E-01	1.74	1.50E+00	6.79E-01	4.43E-01	1.06
66	6.371E-01		2.63E-01	1.57E-01	3.74E-01	1.96	1.64E+00	8.11E-01	4.86E-01	1.15
67	7.290E-01		3.26E-01	1.73E-01	4.03E-01	2.25	1.77E+00	1.00E+00	5.32E-01	1.24
68	8.721E-01		4.44E-01	1.88E-01	4.28E-01	2.69	1.90E+00	1.37E+00	5.80E-01	1.32
69	8.895E-01		4.47E-01	2.03E-01	4.43E-01	2.74	1.99E+00	1.38E+00	6.23E-01	1.36
70	3.268E-01		1.05E-01	9.41E-02	2.22E-01	1.01	9.75E-01	3.22E-01	2.91E-01	0.68
71	3.631E-01		1.18E-01	1.02E-01	2.45E-01	1.12	1.07E+00	3.63E-01	3.17E-01	0.76
72	4.049E-01		1.33E-01	1.11E-01	2.71E-01	1.25	1.18E+00	4.11E-01	3.46E-01	0.84
73	4.529E-01		1.52E-01	1.22E-01	3.01E-01	1.40	1.31E+00	4.69E-01	3.80E-01	0.93
74	5.082E-01		1.75E-01	1.34E-01	3.33E-01	1.57	1.44E+00	5.40E-01	4.19E-01	1.03
75	5.718E-01		2.03E-01	1.50E-01	3.68E-01	1.76	1.60E+00	6.26E-01	4.64E-01	1.13
76	6.452E-01		2.39E-01	1.67E-01	4.06E-01	1.99	1.77E+00	7.36E-01	5.16E-01	1.25
77	7.323E-01		2.86E-01	1.87E-01	4.47E-01	2.26	1.95E+00	8.80E-01	5.76E-01	1.38
78	8.405E-01		3.53E-01	2.09E-01	4.87E-01	2.59	2.14E+00	1.09E+00	6.44E-01	1.50
79	9.972E-01		4.77E-01	2.33E-01	5.20E-01	3.07	2.32E+00	1.47E+00	7.17E-01	1.60
80	1.025E+00		4.88E-01	2.56E-01	5.37E-01	3.16	2.44E+00	1.50E+00	7.85E-01	1.65
81	3.592E-01		1.12E-01	1.03E-01	2.47E-01	1.11	1.08E+00	3.44E-01	3.18E-01	0.76
82	4.022E-01		1.26E-01	1.13E-01	2.76E-01	1.24	1.20E+00	3.90E-01	3.49E-01	0.85
83	4.523E-01		1.44E-01	1.24E-01	3.08E-01	1.39	1.33E+00	4.44E-01	3.85E-01	0.95
84	5.107E-01		1.65E-01	1.37E-01	3.46E-01	1.57	1.49E+00	5.09E-01	4.28E-01	1.06
85	5.790E-01		1.91E-01	1.53E-01	3.88E-01	1.78	1.67E+00	5.88E-01	4.78E-01	1.20
86	6.590E-01		2.23E-01	1.74E-01	4.36E-01	2.03	1.88E+00	6.87E-01	5.38E-01	1.34
87	7.529E-01		2.64E-01	1.98E-01	4.89E-01	2.32	2.12E+00	8.13E-01	6.11E-01	1.51
88	8.649E-01		3.18E-01	2.27E-01	5.47E-01	2.66	2.38E+00	9.80E-01	6.99E-01	1.68

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
89	1.002E+00		3.96E-01	2.62E-01	6.06E-01	3.09	2.67E+00	1.22E+00	8.05E-01	1.87
90	1.185E+00		5.32E-01	3.02E-01	6.54E-01	3.65	2.94E+00	1.64E+00	9.30E-01	2.01
91	1.228E+00		5.59E-01	3.42E-01	6.69E-01	3.78	3.11E+00	1.72E+00	1.05E+00	2.06
92	3.963E-01		1.20E-01	1.13E-01	2.76E-01	1.22	1.20E+00	3.69E-01	3.49E-01	0.85
93	4.478E-01		1.36E-01	1.24E-01	3.11E-01	1.38	1.35E+00	4.20E-01	3.86E-01	0.96
94	5.088E-01		1.56E-01	1.39E-01	3.53E-01	1.57	1.52E+00	4.81E-01	4.31E-01	1.09
95	5.813E-01		1.81E-01	1.55E-01	4.01E-01	1.79	1.72E+00	5.56E-01	4.84E-01	1.23
96	6.680E-01		2.11E-01	1.76E-01	4.58E-01	2.06	1.96E+00	6.49E-01	5.50E-01	1.41
97	7.730E-01		2.48E-01	2.04E-01	5.25E-01	2.38	2.25E+00	7.65E-01	6.31E-01	1.62
98	9.009E-01		2.98E-01	2.38E-01	6.03E-01	2.78	2.59E+00	9.18E-01	7.35E-01	1.86
99	1.058E+00		3.65E-01	2.82E-01	6.92E-01	3.26	3.00E+00	1.13E+00	8.71E-01	2.13
100	1.252E+00		4.64E-01	3.42E-01	7.88E-01	3.86	3.48E+00	1.43E+00	1.05E+00	2.43
101	1.492E+00		6.32E-01	4.22E-01	8.60E-01	4.60	3.95E+00	1.95E+00	1.30E+00	2.65
102	1.565E+00		7.03E-01	5.12E-01	8.62E-01	4.82	4.23E+00	2.17E+00	1.57E+00	2.66
103	6.475E-01		1.94E-01	1.73E-01	4.53E-01	1.99	1.93E+00	5.99E-01	5.36E-01	1.40
104	7.543E-01		2.29E-01	1.99E-01	5.26E-01	2.32	2.24E+00	7.04E-01	6.17E-01	1.62
105	9.094E-01		2.78E-01	2.37E-01	6.31E-01	2.80	2.68E+00	8.57E-01	7.37E-01	1.94
106	1.088E+00		3.40E-01	2.84E-01	7.48E-01	3.35	3.19E+00	1.05E+00	8.82E-01	2.31
107	1.354E+00		4.34E-01	3.59E-01	9.20E-01	4.17	3.95E+00	1.34E+00	1.11E+00	2.83
108	1.674E+00		5.76E-01	4.68E-01	1.10E+00	5.16	4.82E+00	1.78E+00	1.44E+00	3.38
109	2.056E+00		8.40E-01	6.56E-01	1.22E+00	6.33	5.77E+00	2.59E+00	2.02E+00	3.75
110	2.296E+00		1.14E+00	1.00E+00	1.15E+00	7.07	6.63E+00	3.52E+00	3.08E+00	3.55
111	5.624E-01		1.68E-01	1.54E-01	3.95E-01	1.73	1.69E+00	5.17E-01	4.73E-01	1.22
112	4.837E-01		1.43E-01	1.35E-01	3.40E-01	1.49	1.46E+00	4.42E-01	4.15E-01	1.05

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk												
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Haul1&3**	**Haul2&3**	**Idle**				**Haul1&3**	**Haul2&3**	**Idle**	
		0.001	**278**	**<-Max**	**0.00057**	**0.00104**	**0.00058**	**Res**						
		0.016	**110**		**0.00814**	**0.00713**	**0.00866**	**Teacher**	**0.016**	**#N/A**	**0.016**	**0.000**	**0.008**	**Student**
						Residential Receptors								
1	**1**	2.354E-04			5.01E-05	1.28E-04	1.07E-04							
2	**2**	2.574E-04			5.30E-05	1.43E-04	1.14E-04							
3	**3**	2.845E-04			5.62E-05	1.63E-04	1.22E-04							
4	**4**	3.179E-04			5.97E-05	1.88E-04	1.30E-04							
5	**5**	3.611E-04			6.36E-05	2.22E-04	1.39E-04							
6	**6**	2.336E-04			4.99E-05	1.27E-04	1.07E-04							
7	**7**	2.553E-04			5.27E-05	1.42E-04	1.13E-04							
8	**8**	2.817E-04			5.59E-05	1.61E-04	1.20E-04							
9	**9**	3.153E-04			5.94E-05	1.86E-04	1.29E-04							
10	**10**	3.580E-04			6.33E-05	2.20E-04	1.38E-04							
11	**11**	2.311E-04			4.96E-05	1.25E-04	1.06E-04							
12	**12**	2.525E-04			5.24E-05	1.40E-04	1.12E-04							
13	**13**	2.787E-04			5.56E-05	1.59E-04	1.20E-04							
14	**14**	3.121E-04			5.92E-05	1.84E-04	1.28E-04							
15	**15**	3.545E-04			6.31E-05	2.17E-04	1.37E-04							
16	**16**	2.286E-04			4.93E-05	1.24E-04	1.05E-04							
17	**17**	2.500E-04			5.22E-05	1.38E-04	1.12E-04							
18	**18**	2.759E-04			5.53E-05	1.57E-04	1.19E-04							
19	**19**	3.082E-04			5.88E-05	1.81E-04	1.27E-04							
20	**20**	3.509E-04			6.28E-05	2.14E-04	1.37E-04							
21	**21**	2.264E-04			4.91E-05	1.22E-04	1.04E-04							
22	**22**	2.477E-04			5.20E-05	1.37E-04	1.11E-04							
23	**23**	2.736E-04			5.51E-05	1.55E-04	1.18E-04							
24	**24**	3.059E-04			5.86E-05	1.79E-04	1.27E-04							
25	**25**	3.471E-04			6.25E-05	2.11E-04	1.36E-04							
113	**113**	1.076E-03			5.75E-04	2.38E-04	5.02E-04							
114	**114**	9.773E-04			5.21E-04	2.18E-04	4.56E-04							
115	**115**	8.903E-04			4.74E-04	2.00E-04	4.16E-04							
116	**116**	8.112E-04			4.30E-04	1.85E-04	3.81E-04							

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
117	**117**	1.044E-03	5.27E-04	2.45E-04	5.17E-04			
118	**118**	9.446E-04	4.77E-04	2.23E-04	4.67E-04			
119	**119**	8.579E-04	4.33E-04	2.05E-04	4.25E-04			
120	**120**	7.802E-04	3.93E-04	1.88E-04	3.88E-04			
121	**121**	1.019E-03	4.89E-04	2.51E-04	5.30E-04			
122	**122**	9.196E-04	4.42E-04	2.28E-04	4.78E-04			
123	**123**	8.333E-04	4.01E-04	2.08E-04	4.33E-04			
124	**124**	7.570E-04	3.63E-04	1.91E-04	3.94E-04			
125	**125**	9.996E-04	4.57E-04	2.56E-04	5.42E-04			
126	**126**	9.000E-04	4.13E-04	2.32E-04	4.87E-04			
127	**127**	8.140E-04	3.74E-04	2.12E-04	4.40E-04			
128	**128**	7.387E-04	3.39E-04	1.94E-04	3.99E-04			
129	**129**	9.840E-04	4.32E-04	2.61E-04	5.52E-04			
130	**130**	8.840E-04	3.89E-04	2.36E-04	4.95E-04			
131	**131**	7.983E-04	3.53E-04	2.15E-04	4.46E-04			
132	**132**	7.239E-04	3.20E-04	1.96E-04	4.04E-04			
133	**133**	9.706E-04	4.10E-04	2.65E-04	5.61E-04			
134	**134**	8.703E-04	3.69E-04	2.39E-04	5.01E-04			
135	**135**	7.850E-04	3.34E-04	2.17E-04	4.51E-04			
136	**136**	7.114E-04	3.04E-04	1.98E-04	4.08E-04			
137	**137**	9.583E-04	3.90E-04	2.69E-04	5.68E-04			
138	**138**	7.731E-04	3.19E-04	2.19E-04	4.54E-04			
139	**139**	7.003E-04	2.90E-04	2.00E-04	4.11E-04			
140	**140**	9.193E-04	3.42E-04	2.73E-04	5.77E-04			
141	**141**	8.213E-04	3.09E-04	2.45E-04	5.13E-04			
142	**142**	7.390E-04	2.80E-04	2.22E-04	4.59E-04			
143	**143**	6.691E-04	2.55E-04	2.02E-04	4.14E-04			
144	**144**	9.029E-04	3.28E-04	2.73E-04	5.75E-04			
145	**145**	8.068E-04	2.96E-04	2.45E-04	5.11E-04			
146	**146**	7.262E-04	2.69E-04	2.21E-04	4.58E-04			
147	**147**	6.577E-04	2.45E-04	2.01E-04	4.13E-04			
148	**148**	8.835E-04	3.13E-04	2.71E-04	5.71E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
149	**149**	7.901E-04	2.83E-04	2.43E-04	5.07E-04			
150	**150**	7.117E-04	2.57E-04	2.20E-04	4.54E-04			
151	**151**	6.451E-04	2.35E-04	2.00E-04	4.10E-04			
152	**152**	8.603E-04	2.98E-04	2.67E-04	5.62E-04			
153	**153**	7.708E-04	2.70E-04	2.40E-04	5.01E-04			
154	**154**	6.953E-04	2.46E-04	2.18E-04	4.49E-04			
155	**155**	6.310E-04	2.26E-04	1.99E-04	4.05E-04			
156	**156**	8.326E-04	2.83E-04	2.62E-04	5.50E-04			
157	**157**	7.482E-04	2.57E-04	2.36E-04	4.91E-04			
158	**158**	6.765E-04	2.35E-04	2.15E-04	4.41E-04			
159	**159**	6.152E-04	2.16E-04	1.96E-04	3.99E-04			
160	**160**	7.997E-04	2.67E-04	2.54E-04	5.33E-04			
161	**161**	7.216E-04	2.44E-04	2.31E-04	4.78E-04			
162	**162**	6.548E-04	2.24E-04	2.10E-04	4.31E-04			
163	**163**	5.970E-04	2.06E-04	1.93E-04	3.91E-04			
164	**164**	7.617E-04	2.51E-04	2.46E-04	5.11E-04			
165	**165**	6.909E-04	2.30E-04	2.24E-04	4.61E-04			
166	**166**	6.292E-04	2.12E-04	2.05E-04	4.17E-04			
167	**167**	5.758E-04	1.96E-04	1.89E-04	3.80E-04			
168	**168**	7.215E-04	2.35E-04	2.36E-04	4.85E-04			
169	**169**	6.568E-04	2.17E-04	2.16E-04	4.40E-04			
170	**170**	6.010E-04	2.00E-04	1.99E-04	4.01E-04			
171	**171**	5.525E-04	1.86E-04	1.84E-04	3.67E-04			
172	**172**	6.837E-04	2.19E-04	2.26E-04	4.57E-04			
173	**173**	6.253E-04	2.03E-04	2.08E-04	4.17E-04			
174	**174**	5.742E-04	1.89E-04	1.92E-04	3.82E-04			
175	**175**	5.292E-04	1.76E-04	1.78E-04	3.51E-04			
176	**176**	6.451E-04	2.04E-04	2.16E-04	4.29E-04			
177	**177**	5.927E-04	1.90E-04	1.99E-04	3.94E-04			
178	**178**	5.467E-04	1.77E-04	1.85E-04	3.62E-04			
179	**179**	5.061E-04	1.66E-04	1.71E-04	3.35E-04			
180	**180**	6.066E-04	1.90E-04	2.06E-04	4.01E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
181	**181**	5.599E-04	1.78E-04	1.91E-04	3.69E-04			
182	**182**	5.185E-04	1.66E-04	1.77E-04	3.41E-04			
183	**183**	4.819E-04	1.56E-04	1.65E-04	3.17E-04			
184	**184**	7.896E-04	2.54E-04	2.57E-04	5.32E-04			
185	**185**	7.022E-04	2.13E-04	2.40E-04	4.63E-04			
186	**186**	6.436E-04	1.98E-04	2.20E-04	4.24E-04			
187	**187**	5.925E-04	1.85E-04	2.03E-04	3.90E-04			
188	**188**	5.477E-04	1.73E-04	1.88E-04	3.60E-04			
189	**189**	7.101E-04	2.12E-04	2.47E-04	4.63E-04			
190	**190**	6.513E-04	1.97E-04	2.27E-04	4.25E-04			
191	**191**	6.000E-04	1.84E-04	2.09E-04	3.91E-04			
192	**192**	5.549E-04	1.72E-04	1.93E-04	3.62E-04			
193	**193**	5.150E-04	1.61E-04	1.79E-04	3.36E-04			
194	**194**	6.564E-04	1.95E-04	2.34E-04	4.23E-04			
195	**195**	6.046E-04	1.82E-04	2.15E-04	3.90E-04			
196	**196**	5.594E-04	1.71E-04	1.99E-04	3.61E-04			
197	**197**	5.191E-04	1.60E-04	1.84E-04	3.35E-04			
198	**198**	4.836E-04	1.51E-04	1.71E-04	3.12E-04			
199	**199**	6.094E-04	1.81E-04	2.21E-04	3.88E-04			
200	**200**	5.629E-04	1.70E-04	2.04E-04	3.59E-04			
201	**201**	5.222E-04	1.59E-04	1.89E-04	3.33E-04			
202	**202**	4.861E-04	1.50E-04	1.76E-04	3.10E-04			
203	**203**	4.542E-04	1.41E-04	1.64E-04	2.90E-04			
204	**204**	8.087E-04	2.22E-04	2.99E-04	5.09E-04			
205	**205**	5.687E-04	1.69E-04	2.10E-04	3.59E-04			
206	**206**	5.264E-04	1.58E-04	1.94E-04	3.32E-04			
207	**207**	4.891E-04	1.49E-04	1.80E-04	3.09E-04			
208	**208**	4.563E-04	1.40E-04	1.68E-04	2.89E-04			
209	**209**	7.448E-04	2.04E-04	2.80E-04	4.65E-04			
210	**210**	6.820E-04	1.91E-04	2.56E-04	4.26E-04			
211	**211**	6.261E-04	1.79E-04	2.34E-04	3.92E-04			
212	**212**	5.768E-04	1.68E-04	2.16E-04	3.61E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
213	**213**	5.331E-04	1.57E-04	1.99E-04	3.34E-04			
214	**214**	4.944E-04	1.48E-04	1.85E-04	3.10E-04			
215	**215**	4.601E-04	1.40E-04	1.72E-04	2.88E-04			
216	**216**	7.470E-04	1.96E-04	2.91E-04	4.56E-04			
217	**217**	6.889E-04	1.85E-04	2.67E-04	4.22E-04			
218	**218**	6.362E-04	1.74E-04	2.45E-04	3.91E-04			
219	**219**	5.889E-04	1.64E-04	2.26E-04	3.63E-04			
220	**220**	5.459E-04	1.55E-04	2.09E-04	3.37E-04			
221	**221**	5.070E-04	1.46E-04	1.94E-04	3.13E-04			
222	**222**	6.863E-04	1.81E-04	2.71E-04	4.16E-04			
223	**223**	6.359E-04	1.71E-04	2.49E-04	3.87E-04			
224	**224**	5.901E-04	1.62E-04	2.29E-04	3.61E-04			
225	**225**	5.488E-04	1.53E-04	2.12E-04	3.36E-04			
226	**226**	5.108E-04	1.45E-04	1.97E-04	3.14E-04			
227	**227**	6.325E-04	1.67E-04	2.52E-04	3.81E-04			
228	**228**	5.884E-04	1.59E-04	2.32E-04	3.56E-04			
229	**229**	5.483E-04	1.51E-04	2.15E-04	3.33E-04			
230	**230**	5.116E-04	1.43E-04	1.99E-04	3.12E-04			
231	**231**	5.842E-04	1.55E-04	2.34E-04	3.50E-04			
232	**232**	5.460E-04	1.48E-04	2.17E-04	3.29E-04			
233	**233**	5.106E-04	1.41E-04	2.01E-04	3.09E-04			
234	**234**	4.782E-04	1.34E-04	1.88E-04	2.91E-04			
235	**235**	5.410E-04	1.44E-04	2.18E-04	3.23E-04			
236	**236**	5.077E-04	1.38E-04	2.03E-04	3.05E-04			
237	**237**	4.762E-04	1.32E-04	1.89E-04	2.87E-04			
238	**238**	4.478E-04	1.26E-04	1.77E-04	2.71E-04			
239	**239**	5.021E-04	1.35E-04	2.02E-04	3.00E-04			
240	**240**	4.725E-04	1.29E-04	1.89E-04	2.83E-04			
241	**241**	4.451E-04	1.24E-04	1.77E-04	2.68E-04			
242	**242**	4.200E-04	1.18E-04	1.66E-04	2.54E-04			
243	**243**	7.477E-04	1.68E-04	3.37E-04	4.11E-04			
244	**244**	7.115E-04	1.65E-04	3.12E-04	3.99E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Chronic Non Cancer Risk					
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
245	**245**	6.747E-04	1.61E-04	2.90E-04	3.85E-04			
246	**246**	6.380E-04	1.56E-04	2.69E-04	3.69E-04			
247	**247**	6.018E-04	1.51E-04	2.51E-04	3.51E-04			
248	**248**	5.674E-04	1.46E-04	2.34E-04	3.34E-04			
249	**249**	5.347E-04	1.40E-04	2.18E-04	3.16E-04			
250	**250**	6.789E-04	1.56E-04	3.02E-04	3.76E-04			
251	**251**	6.482E-04	1.53E-04	2.82E-04	3.66E-04			
252	**252**	6.166E-04	1.49E-04	2.63E-04	3.53E-04			
253	**253**	5.850E-04	1.45E-04	2.46E-04	3.39E-04			
254	**254**	5.536E-04	1.41E-04	2.30E-04	3.24E-04			
255	**255**	5.237E-04	1.36E-04	2.15E-04	3.08E-04			
256	**256**	4.946E-04	1.31E-04	2.01E-04	2.93E-04			
257	**257**	6.200E-04	1.45E-04	2.74E-04	3.46E-04			
258	**258**	5.935E-04	1.42E-04	2.57E-04	3.37E-04			
259	**259**	5.662E-04	1.39E-04	2.41E-04	3.26E-04			
260	**260**	5.387E-04	1.36E-04	2.26E-04	3.13E-04			
261	**261**	5.113E-04	1.31E-04	2.12E-04	3.00E-04			
262	**262**	4.850E-04	1.27E-04	1.99E-04	2.86E-04			
263	**263**	4.594E-04	1.23E-04	1.87E-04	2.73E-04			
264	**264**	5.693E-04	1.35E-04	2.49E-04	3.20E-04			
265	**265**	5.461E-04	1.33E-04	2.35E-04	3.11E-04			
266	**266**	5.222E-04	1.30E-04	2.21E-04	3.01E-04			
267	**267**	4.981E-04	1.27E-04	2.08E-04	2.90E-04			
268	**268**	4.743E-04	1.23E-04	1.96E-04	2.78E-04			
269	**269**	4.509E-04	1.19E-04	1.85E-04	2.66E-04			
270	**270**	4.281E-04	1.15E-04	1.74E-04	2.54E-04			
271	**271**	5.249E-04	1.27E-04	2.28E-04	2.97E-04			
272	**272**	5.046E-04	1.25E-04	2.16E-04	2.89E-04			
273	**273**	4.835E-04	1.22E-04	2.04E-04	2.80E-04			
274	**274**	4.623E-04	1.19E-04	1.92E-04	2.70E-04			
275	**275**	4.412E-04	1.16E-04	1.82E-04	2.59E-04			
276	**276**	4.206E-04	1.12E-04	1.72E-04	2.49E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
277	**277**	3.999E-04	1.09E-04	1.62E-04	2.38E-04			
278	**278**	1.305E-03	1.13E-04	1.04E-03	2.67E-04			
279	**279**	1.247E-03	1.17E-04	9.69E-04	2.78E-04			
280	**280**	1.173E-03	1.27E-04	8.64E-04	3.09E-04			
281	**281**	1.093E-03	1.26E-04	7.88E-04	3.05E-04			
282	**282**	1.188E-03	1.36E-04	8.53E-04	3.35E-04			
283	**283**	1.024E-03	1.17E-04	7.45E-04	2.79E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
				School Receptors					
26	**26**	1.660E-03	5.85E-04	4.84E-04	1.07E-03	1.6597E-03	5.8527E-04	4.8351E-04	0.0011
27	**27**	1.805E-03	6.51E-04	5.13E-04	1.15E-03	1.8050E-03	6.5082E-04	5.1316E-04	0.0012
28	**28**	1.970E-03	7.30E-04	5.45E-04	1.24E-03	1.9703E-03	7.3043E-04	5.4532E-04	0.0012
29	**29**	2.160E-03	8.29E-04	5.80E-04	1.33E-03	2.1599E-03	8.2931E-04	5.8005E-04	0.0013
30	**30**	2.381E-03	9.55E-04	6.17E-04	1.43E-03	2.3805E-03	9.5531E-04	6.1737E-04	0.0014
31	**31**	2.643E-03	1.12E-03	6.57E-04	1.52E-03	2.6433E-03	1.1204E-03	6.5715E-04	0.0015
32	**32**	2.966E-03	1.34E-03	6.99E-04	1.62E-03	2.9664E-03	1.3431E-03	6.9913E-04	0.0016
33	**33**	3.380E-03	1.65E-03	7.43E-04	1.73E-03	3.3797E-03	1.6547E-03	7.4283E-04	0.0017
34	**34**	3.946E-03	2.12E-03	7.87E-04	1.82E-03	3.9460E-03	2.1221E-03	7.8744E-04	0.0018
35	**35**	4.904E-03	2.99E-03	8.32E-04	1.91E-03	4.9044E-03	2.9926E-03	8.3176E-04	0.0019
36	**36**	4.780E-03	2.80E-03	8.71E-04	1.98E-03	4.7804E-03	2.8019E-03	8.7123E-04	0.0020
37	**37**	1.795E-03	6.19E-04	5.23E-04	1.18E-03	1.7955E-03	6.1930E-04	5.2271E-04	0.0012
38	**38**	1.961E-03	6.90E-04	5.58E-04	1.27E-03	1.9610E-03	6.9048E-04	5.5762E-04	0.0013
39	**39**	2.149E-03	7.76E-04	5.96E-04	1.37E-03	2.1492E-03	7.7638E-04	5.9589E-04	0.0014
40	**40**	2.364E-03	8.82E-04	6.38E-04	1.48E-03	2.3640E-03	8.8173E-04	6.3774E-04	0.0015
41	**41**	2.611E-03	1.01E-03	6.83E-04	1.60E-03	2.6108E-03	1.0133E-03	6.8331E-04	0.0016
42	**42**	2.898E-03	1.18E-03	7.33E-04	1.72E-03	2.8980E-03	1.1806E-03	7.3260E-04	0.0017
43	**43**	3.240E-03	1.40E-03	7.85E-04	1.84E-03	3.2397E-03	1.3985E-03	7.8538E-04	0.0018
44	**44**	3.661E-03	1.69E-03	8.41E-04	1.97E-03	3.6609E-03	1.6934E-03	8.4105E-04	0.0020
45	**45**	4.219E-03	2.13E-03	8.99E-04	2.09E-03	4.2194E-03	2.1288E-03	8.9851E-04	0.0021
46	**46**	5.155E-03	2.96E-03	9.56E-04	2.20E-03	5.1552E-03	2.9564E-03	9.5618E-04	0.0022
47	**47**	5.151E-03	2.87E-03	1.01E-03	2.28E-03	5.1511E-03	2.8745E-03	1.0075E-03	0.0023
48	**48**	1.950E-03	6.57E-04	5.67E-04	1.29E-03	1.9498E-03	6.5693E-04	5.6680E-04	0.0013
49	**49**	2.140E-03	7.34E-04	6.08E-04	1.41E-03	2.1399E-03	7.3448E-04	6.0819E-04	0.0014
50	**50**	2.356E-03	8.27E-04	6.54E-04	1.53E-03	2.3563E-03	8.2748E-04	6.5417E-04	0.0015
51	**51**	2.603E-03	9.40E-04	7.05E-04	1.66E-03	2.6028E-03	9.4027E-04	7.0517E-04	0.0017
52	**52**	2.884E-03	1.08E-03	7.62E-04	1.81E-03	2.8840E-03	1.0787E-03	7.6159E-04	0.0018
53	**53**	3.206E-03	1.25E-03	8.24E-04	1.96E-03	3.2065E-03	1.2513E-03	8.2371E-04	0.0020
54	**54**	3.582E-03	1.47E-03	8.92E-04	2.11E-03	3.5822E-03	1.4711E-03	8.9153E-04	0.0021
55	**55**	4.036E-03	1.76E-03	9.64E-04	2.27E-03	4.0356E-03	1.7640E-03	9.6444E-04	0.0023
56	**56**	4.624E-03	2.20E-03	1.04E-03	2.43E-03	4.6243E-03	2.1952E-03	1.0409E-03	0.0024

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
57	**57**	5.588E-03	3.02E-03	1.12E-03	2.57E-03	5.5881E-03	3.0230E-03	1.1189E-03	0.0026
58	**58**	5.653E-03	3.00E-03	1.19E-03	2.66E-03	5.6530E-03	2.9969E-03	1.1885E-03	0.0027
59	**59**	2.126E-03	6.99E-04	6.16E-04	1.43E-03	2.1259E-03	6.9858E-04	6.1642E-04	0.0014
60	**60**	2.346E-03	7.84E-04	6.66E-04	1.56E-03	2.3463E-03	7.8352E-04	6.6584E-04	0.0016
61	**61**	2.598E-03	8.85E-04	7.22E-04	1.71E-03	2.5982E-03	8.8495E-04	7.2156E-04	0.0017
62	**62**	2.886E-03	1.01E-03	7.84E-04	1.88E-03	2.8858E-03	1.0070E-03	7.8441E-04	0.0019
63	**63**	3.214E-03	1.16E-03	8.55E-04	2.06E-03	3.2139E-03	1.1554E-03	8.5528E-04	0.0021
64	**64**	3.589E-03	1.34E-03	9.35E-04	2.25E-03	3.5886E-03	1.3382E-03	9.3506E-04	0.0023
65	**65**	4.021E-03	1.57E-03	1.02E-03	2.45E-03	4.0210E-03	1.5687E-03	1.0244E-03	0.0025
66	**66**	4.536E-03	1.87E-03	1.12E-03	2.66E-03	4.5361E-03	1.8737E-03	1.1231E-03	0.0027
67	**67**	5.191E-03	2.32E-03	1.23E-03	2.87E-03	5.1907E-03	2.3201E-03	1.2293E-03	0.0029
68	**68**	6.210E-03	3.16E-03	1.34E-03	3.05E-03	6.2095E-03	3.1625E-03	1.3403E-03	0.0030
69	**69**	6.334E-03	3.18E-03	1.44E-03	3.15E-03	6.3339E-03	3.1818E-03	1.4403E-03	0.0032
70	**70**	2.327E-03	7.45E-04	6.72E-04	1.58E-03	2.3272E-03	7.4478E-04	6.7231E-04	0.0016
71	**71**	2.585E-03	8.39E-04	7.32E-04	1.75E-03	2.5855E-03	8.3850E-04	7.3163E-04	0.0017
72	**72**	2.883E-03	9.50E-04	8.00E-04	1.93E-03	2.8830E-03	9.5032E-04	7.9965E-04	0.0019
73	**73**	3.225E-03	1.08E-03	8.78E-04	2.14E-03	3.2252E-03	1.0847E-03	8.7791E-04	0.0021
74	**74**	3.619E-03	1.25E-03	9.68E-04	2.37E-03	3.6187E-03	1.2476E-03	9.6823E-04	0.0024
75	**75**	4.071E-03	1.45E-03	1.07E-03	2.62E-03	4.0713E-03	1.4480E-03	1.0727E-03	0.0026
76	**76**	4.594E-03	1.70E-03	1.19E-03	2.89E-03	4.5945E-03	1.7006E-03	1.1935E-03	0.0029
77	**77**	5.214E-03	2.03E-03	1.33E-03	3.18E-03	5.2141E-03	2.0341E-03	1.3324E-03	0.0032
78	**78**	5.985E-03	2.52E-03	1.49E-03	3.47E-03	5.9845E-03	2.5167E-03	1.4883E-03	0.0035
79	**79**	7.100E-03	3.39E-03	1.66E-03	3.71E-03	7.1004E-03	3.3948E-03	1.6580E-03	0.0037
80	**80**	7.296E-03	3.47E-03	1.81E-03	3.82E-03	7.2959E-03	3.4739E-03	1.8144E-03	0.0038
81	**81**	2.558E-03	7.96E-04	7.35E-04	1.76E-03	2.5578E-03	7.9622E-04	7.3527E-04	0.0018
82	**82**	2.864E-03	9.01E-04	8.07E-04	1.96E-03	2.8640E-03	9.0056E-04	8.0676E-04	0.0020
83	**83**	3.221E-03	1.03E-03	8.90E-04	2.20E-03	3.2209E-03	1.0255E-03	8.9028E-04	0.0022
84	**84**	3.637E-03	1.18E-03	9.89E-04	2.46E-03	3.6367E-03	1.1763E-03	9.8852E-04	0.0025
85	**85**	4.123E-03	1.36E-03	1.10E-03	2.76E-03	4.1226E-03	1.3603E-03	1.1050E-03	0.0028
86	**86**	4.692E-03	1.59E-03	1.24E-03	3.10E-03	4.6923E-03	1.5885E-03	1.2444E-03	0.0031
87	**87**	5.361E-03	1.88E-03	1.41E-03	3.48E-03	5.3613E-03	1.8791E-03	1.4125E-03	0.0035
88	**88**	6.159E-03	2.27E-03	1.62E-03	3.89E-03	6.1586E-03	2.2656E-03	1.6165E-03	0.0039

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
89	**89**	7.137E-03	2.82E-03	1.86E-03	4.32E-03	7.1370E-03	2.8205E-03	1.8616E-03	0.0043
90	**90**	8.440E-03	3.79E-03	2.15E-03	4.65E-03	8.4395E-03	3.7854E-03	2.1492E-03	0.0047
91	**91**	8.741E-03	3.98E-03	2.43E-03	4.76E-03	8.7405E-03	3.9783E-03	2.4294E-03	0.0048
92	**92**	2.822E-03	8.54E-04	8.06E-04	1.97E-03	2.8220E-03	8.5372E-04	8.0625E-04	0.0020
93	**93**	3.189E-03	9.71E-04	8.93E-04	2.22E-03	3.1886E-03	9.7108E-04	8.9264E-04	0.0022
94	**94**	3.623E-03	1.11E-03	9.96E-04	2.51E-03	3.6231E-03	1.1127E-03	9.9555E-04	0.0025
95	**95**	4.139E-03	1.29E-03	1.12E-03	2.85E-03	4.1392E-03	1.2854E-03	1.1195E-03	0.0029
96	**96**	4.757E-03	1.50E-03	1.27E-03	3.26E-03	4.7568E-03	1.4991E-03	1.2710E-03	0.0033
97	**97**	5.504E-03	1.77E-03	1.46E-03	3.74E-03	5.5045E-03	1.7690E-03	1.4594E-03	0.0037
98	**98**	6.415E-03	2.12E-03	1.70E-03	4.29E-03	6.4147E-03	2.1211E-03	1.6992E-03	0.0043
99	**99**	7.530E-03	2.60E-03	2.01E-03	4.93E-03	7.5304E-03	2.6018E-03	2.0122E-03	0.0049
100	**100**	8.916E-03	3.30E-03	2.43E-03	5.61E-03	8.9164E-03	3.3048E-03	2.4296E-03	0.0056
101	**101**	1.063E-02	4.50E-03	3.00E-03	6.12E-03	1.0625E-02	4.5004E-03	2.9960E-03	0.0061
102	**102**	1.115E-02	5.01E-03	3.63E-03	6.14E-03	1.1147E-02	5.0089E-03	3.6339E-03	0.0061
103	**103**	4.610E-03	1.38E-03	1.24E-03	3.23E-03	4.6104E-03	1.3842E-03	1.2390E-03	0.0032
104	**104**	5.371E-03	1.63E-03	1.43E-03	3.74E-03	5.3712E-03	1.6275E-03	1.4259E-03	0.0037
105	**105**	6.475E-03	1.98E-03	1.70E-03	4.50E-03	6.4753E-03	1.9801E-03	1.7034E-03	0.0045
106	**106**	7.749E-03	2.42E-03	2.04E-03	5.33E-03	7.7488E-03	2.4196E-03	2.0385E-03	0.0053
107	**107**	9.641E-03	3.09E-03	2.57E-03	6.55E-03	9.6414E-03	3.0923E-03	2.5705E-03	0.0065
108	**108**	1.192E-02	4.10E-03	3.33E-03	7.82E-03	1.1922E-02	4.1030E-03	3.3316E-03	0.0078
109	**109**	1.464E-02	5.98E-03	4.67E-03	8.66E-03	1.4643E-02	5.9820E-03	4.6681E-03	0.0087
110	**110**	1.635E-02	8.14E-03	7.13E-03	8.20E-03	1.6348E-02	8.1448E-03	7.1301E-03	0.0082
111	**111**	4.005E-03	1.19E-03	1.09E-03	2.81E-03	4.0047E-03	1.1943E-03	1.0932E-03	0.0028
112	**112**	3.444E-03	1.02E-03	9.60E-04	2.42E-03	3.4441E-03	1.0211E-03	9.6014E-04	0.0024

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

				Cancer Risk									
Receptor #	Total Per/Million	Rec#		Haul1&3	Haul2&3	Idle		Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	
	1.474	278	<-Max	0.6493	1.1728	0.6518	Res						
	2.35	110		1.169	1.025	1.243	Teacher	7.77	#N/A	3.872	3.390	4.117	Student
						Residential Receptors							
1	2.658E-01			5.66E-02	1.45E-01	1.21E-01							
2	2.907E-01			5.99E-02	1.62E-01	1.29E-01							
3	3.214E-01			6.35E-02	1.84E-01	1.37E-01							
4	3.590E-01			6.74E-02	2.12E-01	1.47E-01							
5	4.079E-01			7.19E-02	2.51E-01	1.57E-01							
6	2.638E-01			5.63E-02	1.43E-01	1.20E-01							
7	2.883E-01			5.95E-02	1.61E-01	1.28E-01							
8	3.182E-01			6.31E-02	1.82E-01	1.36E-01							
9	3.561E-01			6.71E-02	2.10E-01	1.46E-01							
10	4.044E-01			7.15E-02	2.48E-01	1.56E-01							
11	2.610E-01			5.60E-02	1.42E-01	1.19E-01							
12	2.852E-01			5.92E-02	1.58E-01	1.27E-01							
13	3.148E-01			6.28E-02	1.80E-01	1.35E-01							
14	3.526E-01			6.69E-02	2.08E-01	1.45E-01							
15	4.005E-01			7.13E-02	2.45E-01	1.55E-01							
16	2.582E-01			5.57E-02	1.40E-01	1.18E-01							
17	2.824E-01			5.89E-02	1.56E-01	1.26E-01							
18	3.117E-01			6.25E-02	1.77E-01	1.34E-01							
19	3.481E-01			6.64E-02	2.04E-01	1.44E-01							
20	3.963E-01			7.09E-02	2.42E-01	1.54E-01							
21	2.214E-01			5.54E-02	1.04E-01	1.18E-01							
22	2.407E-01			5.87E-02	1.15E-01	1.25E-01							
23	2.639E-01			6.23E-02	1.30E-01	1.34E-01							
24	2.924E-01			6.62E-02	1.49E-01	1.43E-01							
25	3.282E-01			7.06E-02	1.75E-01	1.53E-01							
113	1.216E+00			6.49E-01	2.56E-01	5.67E-01							
114	1.104E+00			5.89E-01	2.34E-01	5.15E-01							
115	1.006E+00			5.36E-01	2.14E-01	4.70E-01							
116	9.162E-01			4.86E-01	1.97E-01	4.30E-01							

7.29 Maximum using Haul rounte to Shiloh

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
117	1.179E+00		5.95E-01	2.63E-01	5.84E-01					
118	1.067E+00		5.39E-01	2.39E-01	5.28E-01					
119	9.690E-01		4.89E-01	2.19E-01	4.80E-01					
120	8.813E-01		4.43E-01	2.01E-01	4.38E-01					
121	1.151E+00		5.52E-01	2.70E-01	5.99E-01					
122	1.039E+00		4.99E-01	2.45E-01	5.40E-01					
123	9.413E-01		4.52E-01	2.23E-01	4.89E-01					
124	8.550E-01		4.10E-01	2.04E-01	4.45E-01					
125	1.129E+00		5.17E-01	2.76E-01	6.12E-01					
126	1.017E+00		4.67E-01	2.49E-01	5.50E-01					
127	9.194E-01		4.23E-01	2.39E-01	4.97E-01					
128	8.344E-01		3.83E-01	2.19E-01	4.51E-01					
129	1.111E+00		4.87E-01	2.95E-01	6.24E-01					
130	9.985E-01		4.40E-01	2.67E-01	5.59E-01					
131	9.017E-01		3.98E-01	2.42E-01	5.03E-01					
132	8.176E-01		3.61E-01	2.22E-01	4.56E-01					
133	1.096E+00		4.63E-01	3.00E-01	6.34E-01					
134	9.830E-01		4.17E-01	2.70E-01	5.66E-01					
135	8.866E-01		3.78E-01	2.45E-01	5.09E-01					
136	8.035E-01		3.43E-01	2.24E-01	4.61E-01					
137	1.082E+00		4.41E-01	3.03E-01	6.41E-01					
138	8.732E-01		3.60E-01	2.47E-01	5.13E-01					
139	7.909E-01		3.27E-01	2.26E-01	4.64E-01					
140	1.038E+00		3.87E-01	3.09E-01	6.52E-01					
141	9.277E-01		3.49E-01	2.77E-01	5.79E-01					
142	8.347E-01		3.16E-01	2.50E-01	5.19E-01					
143	7.557E-01		2.88E-01	2.28E-01	4.68E-01					
144	1.020E+00		3.70E-01	3.08E-01	6.50E-01					
145	9.113E-01		3.34E-01	2.76E-01	5.77E-01					
146	8.202E-01		3.03E-01	2.50E-01	5.17E-01					
147	7.428E-01		2.77E-01	2.27E-01	4.66E-01					
148	9.979E-01		3.54E-01	3.06E-01	6.44E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
149	8.925E-01		3.20E-01	2.75E-01	5.73E-01					
150	8.039E-01		2.91E-01	2.49E-01	5.13E-01					
151	7.286E-01		2.66E-01	2.26E-01	4.63E-01					
152	9.718E-01		3.37E-01	3.02E-01	6.35E-01					
153	8.706E-01		3.05E-01	2.72E-01	5.65E-01					
154	7.854E-01		2.78E-01	2.46E-01	5.07E-01					
155	7.127E-01		2.55E-01	2.24E-01	4.58E-01					
156	9.404E-01		3.19E-01	2.96E-01	6.21E-01					
157	8.451E-01		2.91E-01	2.67E-01	5.54E-01					
158	7.641E-01		2.66E-01	2.43E-01	4.98E-01					
159	6.948E-01		2.44E-01	2.22E-01	4.51E-01					
160	9.032E-01		3.02E-01	2.87E-01	6.02E-01					
161	8.151E-01		2.75E-01	2.61E-01	5.40E-01					
162	7.396E-01		2.53E-01	2.38E-01	4.87E-01					
163	6.743E-01		2.33E-01	2.18E-01	4.42E-01					
164	8.603E-01		2.83E-01	2.78E-01	5.77E-01					
165	7.804E-01		2.60E-01	2.53E-01	5.20E-01					
166	7.106E-01		2.39E-01	2.32E-01	4.71E-01					
167	6.504E-01		2.21E-01	2.13E-01	4.29E-01					
168	8.149E-01		2.65E-01	2.67E-01	5.48E-01					
169	7.418E-01		2.45E-01	2.44E-01	4.97E-01					
170	6.788E-01		2.26E-01	2.25E-01	4.53E-01					
171	6.241E-01		2.10E-01	2.07E-01	4.14E-01					
172	7.723E-01		2.48E-01	2.56E-01	5.17E-01					
173	7.063E-01		2.29E-01	2.35E-01	4.72E-01					
174	6.485E-01		2.13E-01	2.17E-01	4.32E-01					
175	5.977E-01		1.98E-01	2.01E-01	3.97E-01					
176	7.286E-01		2.31E-01	2.44E-01	4.85E-01					
177	6.695E-01		2.15E-01	2.25E-01	4.44E-01					
178	6.175E-01		2.00E-01	2.09E-01	4.09E-01					
179	5.717E-01		1.87E-01	1.94E-01	3.78E-01					
180	6.852E-01		2.15E-01	2.33E-01	4.52E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
181	6.324E-01		2.01E-01	2.15E-01	4.17E-01					
182	5.856E-01		1.88E-01	2.00E-01	3.86E-01					
183	5.443E-01		1.76E-01	1.86E-01	3.58E-01					
184	8.919E-01		2.86E-01	2.91E-01	6.01E-01					
185	7.931E-01		2.41E-01	2.71E-01	5.22E-01					
186	7.269E-01		2.24E-01	2.48E-01	4.79E-01					
187	6.692E-01		2.09E-01	2.29E-01	4.40E-01					
188	6.186E-01		1.95E-01	2.12E-01	4.06E-01					
189	8.021E-01		2.39E-01	2.80E-01	5.23E-01					
190	7.357E-01		2.22E-01	2.56E-01	4.79E-01					
191	6.777E-01		2.08E-01	2.36E-01	4.42E-01					
192	6.268E-01		1.94E-01	2.18E-01	4.09E-01					
193	5.817E-01		1.82E-01	2.03E-01	3.79E-01					
194	7.414E-01		2.21E-01	2.64E-01	4.77E-01					
195	6.829E-01		2.06E-01	2.43E-01	4.40E-01					
196	6.318E-01		1.93E-01	2.24E-01	4.07E-01					
197	5.863E-01		1.81E-01	2.08E-01	3.78E-01					
198	5.463E-01		1.70E-01	1.94E-01	3.53E-01					
199	6.883E-01		2.04E-01	2.50E-01	4.38E-01					
200	6.358E-01		1.91E-01	2.30E-01	4.05E-01					
201	5.898E-01		1.80E-01	2.13E-01	3.76E-01					
202	5.490E-01		1.69E-01	1.98E-01	3.51E-01					
203	5.130E-01		1.59E-01	1.85E-01	3.28E-01					
204	9.135E-01		2.51E-01	3.38E-01	5.75E-01					
205	6.424E-01		1.90E-01	2.37E-01	4.05E-01					
206	5.946E-01		1.79E-01	2.19E-01	3.76E-01					
207	5.524E-01		1.68E-01	2.03E-01	3.49E-01					
208	5.154E-01		1.58E-01	1.89E-01	3.26E-01					
209	8.413E-01		2.31E-01	3.16E-01	5.25E-01					
210	7.703E-01		2.16E-01	2.89E-01	4.82E-01					
211	7.072E-01		2.02E-01	2.65E-01	4.42E-01					
212	6.515E-01		1.89E-01	2.44E-01	4.08E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
213	6.021E-01		1.78E-01	2.25E-01	3.77E-01					
214	5.584E-01		1.67E-01	2.09E-01	3.50E-01					
215	5.197E-01		1.58E-01	1.94E-01	3.26E-01					
216	8.438E-01		2.21E-01	3.29E-01	5.15E-01					
217	7.782E-01		2.09E-01	3.01E-01	4.77E-01					
218	7.186E-01		1.97E-01	2.77E-01	4.42E-01					
219	6.652E-01		1.86E-01	2.55E-01	4.10E-01					
220	6.166E-01		1.75E-01	2.36E-01	3.81E-01					
221	5.727E-01		1.65E-01	2.19E-01	3.54E-01					
222	7.752E-01		2.04E-01	3.06E-01	4.70E-01					
223	7.182E-01		1.93E-01	2.81E-01	4.37E-01					
224	6.665E-01		1.83E-01	2.59E-01	4.07E-01					
225	6.199E-01		1.73E-01	2.40E-01	3.80E-01					
226	5.769E-01		1.64E-01	2.23E-01	3.54E-01					
227	7.144E-01		1.89E-01	2.84E-01	4.30E-01					
228	6.646E-01		1.79E-01	2.62E-01	4.02E-01					
229	6.193E-01		1.70E-01	2.43E-01	3.77E-01					
230	5.779E-01		1.62E-01	2.25E-01	3.53E-01					
231	6.599E-01		1.75E-01	2.64E-01	3.96E-01					
232	6.167E-01		1.67E-01	2.45E-01	3.72E-01					
233	5.767E-01		1.59E-01	2.27E-01	3.49E-01					
234	5.401E-01		1.51E-01	2.12E-01	3.28E-01					
235	6.111E-01		1.63E-01	2.46E-01	3.65E-01					
236	5.734E-01		1.56E-01	2.29E-01	3.44E-01					
237	5.379E-01		1.49E-01	2.13E-01	3.25E-01					
238	5.058E-01		1.42E-01	1.99E-01	3.06E-01					
239	5.671E-01		1.52E-01	2.29E-01	3.39E-01					
240	5.337E-01		1.46E-01	2.13E-01	3.20E-01					
241	5.027E-01		1.40E-01	2.00E-01	3.03E-01					
242	4.743E-01		1.34E-01	1.88E-01	2.87E-01					
243	8.445E-01		1.89E-01	3.80E-01	4.64E-01					
244	8.036E-01		1.86E-01	3.53E-01	4.51E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
245	7.621E-01		1.82E-01	3.27E-01	4.35E-01					
246	7.206E-01		1.76E-01	3.04E-01	4.16E-01					
247	6.798E-01		1.71E-01	2.83E-01	3.97E-01					
248	6.409E-01		1.64E-01	2.64E-01	3.77E-01					
249	6.039E-01		1.58E-01	2.46E-01	3.57E-01					
250	7.668E-01		1.76E-01	3.42E-01	4.25E-01					
251	7.321E-01		1.73E-01	3.19E-01	4.13E-01					
252	6.965E-01		1.69E-01	2.97E-01	3.99E-01					
253	6.608E-01		1.64E-01	2.78E-01	3.83E-01					
254	6.253E-01		1.59E-01	2.60E-01	3.66E-01					
255	5.915E-01		1.53E-01	2.43E-01	3.48E-01					
256	5.587E-01		1.48E-01	2.28E-01	3.31E-01					
257	7.003E-01		1.64E-01	3.09E-01	3.91E-01					
258	6.704E-01		1.61E-01	2.90E-01	3.81E-01					
259	6.396E-01		1.57E-01	2.72E-01	3.68E-01					
260	6.085E-01		1.53E-01	2.55E-01	3.54E-01					
261	5.775E-01		1.48E-01	2.39E-01	3.38E-01					
262	5.478E-01		1.44E-01	2.25E-01	3.23E-01					
263	5.189E-01		1.38E-01	2.11E-01	3.08E-01					
264	6.430E-01		1.53E-01	2.82E-01	3.61E-01					
265	6.168E-01		1.50E-01	2.65E-01	3.52E-01					
266	5.898E-01		1.47E-01	2.50E-01	3.40E-01					
267	5.626E-01		1.43E-01	2.35E-01	3.28E-01					
268	5.357E-01		1.39E-01	2.21E-01	3.14E-01					
269	5.093E-01		1.35E-01	2.08E-01	3.01E-01					
270	4.835E-01		1.30E-01	1.96E-01	2.87E-01					
271	5.929E-01		1.43E-01	2.58E-01	3.35E-01					
272	5.699E-01		1.41E-01	2.44E-01	3.26E-01					
273	5.462E-01		1.38E-01	2.30E-01	3.16E-01					
274	5.222E-01		1.34E-01	2.17E-01	3.05E-01					
275	4.983E-01		1.31E-01	2.05E-01	2.93E-01					
276	4.750E-01		1.27E-01	1.94E-01	2.81E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
277	4.517E-01		1.23E-01	1.83E-01	2.69E-01					
278	1.474E+00		1.27E-01	1.17E+00	3.01E-01					
279	1.408E+00		1.32E-01	1.09E+00	3.14E-01					
280	1.325E+00		1.44E-01	9.76E-01	3.49E-01					
281	1.235E+00		1.42E-01	8.90E-01	3.44E-01					
282	1.342E+00		1.54E-01	9.64E-01	3.79E-01					
283	1.157E+00		1.32E-01	8.42E-01	3.15E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
					School Recepors					
26	2.383E-01		8.40E-02	6.30E-02	1.54E-01	0.79	7.41E-01	2.78E-01	2.30E-01	0.51
27	2.591E-01		9.34E-02	6.81E-02	1.66E-01	0.86	7.93E-01	3.09E-01	2.44E-01	0.55
28	2.828E-01		1.05E-01	7.39E-02	1.78E-01	0.94	8.49E-01	3.47E-01	2.59E-01	0.59
29	3.101E-01		1.19E-01	8.06E-02	1.91E-01	1.03	9.08E-01	3.94E-01	2.76E-01	0.63
30	3.417E-01		1.37E-01	8.82E-02	2.05E-01	1.13	9.71E-01	4.54E-01	2.94E-01	0.68
31	3.794E-01		1.61E-01	9.37E-02	2.19E-01	1.26	1.04E+00	5.33E-01	3.12E-01	0.72
32	4.258E-01		1.93E-01	9.99E-02	2.33E-01	1.41	1.10E+00	6.39E-01	3.32E-01	0.77
33	4.851E-01		2.38E-01	1.06E-01	2.48E-01	1.61	1.17E+00	7.87E-01	3.53E-01	0.82
34	5.664E-01		3.05E-01	1.13E-01	2.62E-01	1.88	1.24E+00	1.01E+00	3.74E-01	0.87
35	7.040E-01		4.30E-01	1.19E-01	2.74E-01	2.33	1.30E+00	1.42E+00	3.95E-01	0.91
36	6.862E-01		4.02E-01	1.25E-01	2.84E-01	2.27	1.35E+00	1.33E+00	4.14E-01	0.94
37	2.577E-01		8.89E-02	7.49E-02	1.69E-01	0.85	8.08E-01	2.94E-01	2.49E-01	0.56
38	2.815E-01		9.91E-02	7.97E-02	1.82E-01	0.93	8.69E-01	3.28E-01	2.65E-01	0.60
39	3.085E-01		1.11E-01	8.50E-02	1.97E-01	1.02	9.36E-01	3.69E-01	2.83E-01	0.65
40	3.394E-01		1.27E-01	9.08E-02	2.13E-01	1.12	1.01E+00	4.19E-01	3.03E-01	0.70
41	3.748E-01		1.45E-01	9.71E-02	2.29E-01	1.24	1.08E+00	4.82E-01	3.25E-01	0.76
42	4.160E-01		1.69E-01	1.05E-01	2.47E-01	1.38	1.16E+00	5.61E-01	3.48E-01	0.82
43	4.651E-01		2.01E-01	1.12E-01	2.64E-01	1.54	1.25E+00	6.65E-01	3.73E-01	0.88
44	5.255E-01		2.43E-01	1.20E-01	2.82E-01	1.74	1.34E+00	8.05E-01	4.00E-01	0.94
45	6.057E-01		3.06E-01	1.29E-01	3.00E-01	2.01	1.42E+00	1.01E+00	4.27E-01	0.99
46	7.400E-01		4.24E-01	1.37E-01	3.16E-01	2.45	1.50E+00	1.41E+00	4.55E-01	1.05
47	7.394E-01		4.13E-01	1.45E-01	3.27E-01	2.45	1.56E+00	1.37E+00	4.79E-01	1.08
48	2.799E-01		9.43E-02	8.12E-02	1.86E-01	0.93	8.84E-01	3.12E-01	2.69E-01	0.61
49	3.072E-01		1.05E-01	8.69E-02	2.02E-01	1.02	9.57E-01	3.49E-01	2.89E-01	0.67
50	3.383E-01		1.19E-01	9.33E-02	2.19E-01	1.12	1.04E+00	3.93E-01	3.11E-01	0.73
51	3.736E-01		1.35E-01	1.00E-01	2.39E-01	1.24	1.13E+00	4.47E-01	3.35E-01	0.79
52	4.140E-01		1.55E-01	1.08E-01	2.59E-01	1.37	1.22E+00	5.13E-01	3.62E-01	0.86
53	4.603E-01		1.80E-01	1.18E-01	2.81E-01	1.52	1.32E+00	5.95E-01	3.92E-01	0.93
54	5.142E-01		2.11E-01	1.28E-01	3.03E-01	1.70	1.43E+00	6.99E-01	4.24E-01	1.00
55	5.793E-01		2.53E-01	1.38E-01	3.26E-01	1.92	1.54E+00	8.39E-01	4.59E-01	1.08
56	6.638E-01		3.15E-01	1.49E-01	3.49E-01	2.20	1.65E+00	1.04E+00	4.95E-01	1.15

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
57	8.022E-01		4.34E-01	1.61E-01	3.68E-01	2.66	1.75E+00	1.44E+00	5.32E-01	1.22
58	8.115E-01		4.30E-01	1.71E-01	3.81E-01	2.69	1.83E+00	1.42E+00	5.65E-01	1.26
59	3.052E-01		1.00E-01	8.82E-02	2.05E-01	1.01	9.72E-01	3.32E-01	2.93E-01	0.68
60	3.368E-01		1.12E-01	9.51E-02	2.24E-01	1.12	1.06E+00	3.72E-01	3.17E-01	0.74
61	3.730E-01		1.27E-01	1.03E-01	2.46E-01	1.24	1.16E+00	4.21E-01	3.43E-01	0.81
62	4.143E-01		1.45E-01	1.12E-01	2.70E-01	1.37	1.27E+00	4.79E-01	3.73E-01	0.89
63	4.614E-01		1.66E-01	1.21E-01	2.95E-01	1.53	1.39E+00	5.49E-01	4.07E-01	0.98
64	5.151E-01		1.92E-01	1.34E-01	3.23E-01	1.71	1.51E+00	6.36E-01	4.45E-01	1.07
65	5.772E-01		2.25E-01	1.47E-01	3.52E-01	1.91	1.65E+00	7.46E-01	4.87E-01	1.17
66	6.512E-01		2.69E-01	1.61E-01	3.82E-01	2.16	1.80E+00	8.91E-01	5.34E-01	1.27
67	7.451E-01		3.33E-01	1.76E-01	4.12E-01	2.47	1.95E+00	1.10E+00	5.84E-01	1.36
68	8.914E-01		4.54E-01	1.93E-01	4.37E-01	2.95	2.09E+00	1.50E+00	6.37E-01	1.45
69	9.092E-01		4.57E-01	2.07E-01	4.52E-01	3.01	2.18E+00	1.51E+00	6.85E-01	1.50
70	3.341E-01		1.07E-01	9.62E-02	2.27E-01	1.11	1.07E+00	3.54E-01	3.20E-01	0.75
71	3.711E-01		1.20E-01	1.04E-01	2.51E-01	1.23	1.18E+00	3.99E-01	3.48E-01	0.83
72	4.139E-01		1.36E-01	1.14E-01	2.77E-01	1.37	1.30E+00	4.52E-01	3.80E-01	0.92
73	4.630E-01		1.56E-01	1.25E-01	3.07E-01	1.53	1.44E+00	5.16E-01	4.17E-01	1.02
74	5.195E-01		1.79E-01	1.37E-01	3.40E-01	1.72	1.59E+00	5.93E-01	4.60E-01	1.13
75	5.844E-01		2.08E-01	1.53E-01	3.77E-01	1.94	1.76E+00	6.88E-01	5.10E-01	1.25
76	6.595E-01		2.44E-01	1.71E-01	4.15E-01	2.18	1.94E+00	8.08E-01	5.67E-01	1.38
77	7.485E-01		2.92E-01	1.91E-01	4.56E-01	2.48	2.15E+00	9.67E-01	6.33E-01	1.51
78	8.591E-01		3.61E-01	2.14E-01	4.98E-01	2.85	2.36E+00	1.20E+00	7.08E-01	1.65
79	1.019E+00		4.87E-01	2.38E-01	5.32E-01	3.38	2.55E+00	1.61E+00	7.88E-01	1.76
80	1.047E+00		4.99E-01	2.61E-01	5.49E-01	3.47	2.68E+00	1.65E+00	8.63E-01	1.82
81	3.672E-01		1.14E-01	1.05E-01	2.53E-01	1.22	1.19E+00	3.79E-01	3.50E-01	0.84
82	4.111E-01		1.29E-01	1.15E-01	2.82E-01	1.36	1.32E+00	4.28E-01	3.84E-01	0.93
83	4.624E-01		1.47E-01	1.27E-01	3.15E-01	1.53	1.47E+00	4.88E-01	4.23E-01	1.04
84	5.220E-01		1.69E-01	1.40E-01	3.53E-01	1.73	1.64E+00	5.59E-01	4.70E-01	1.17
85	5.918E-01		1.95E-01	1.57E-01	3.97E-01	1.96	1.84E+00	6.47E-01	5.25E-01	1.31
86	6.736E-01		2.28E-01	1.78E-01	4.46E-01	2.23	2.07E+00	7.55E-01	5.92E-01	1.48
87	7.696E-01		2.70E-01	2.02E-01	5.00E-01	2.55	2.33E+00	8.93E-01	6.72E-01	1.66
88	8.841E-01		3.25E-01	2.32E-01	5.59E-01	2.93	2.62E+00	1.08E+00	7.69E-01	1.85

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
89	1.025E+00		4.05E-01	2.67E-01	6.20E-01	3.39	2.94E+00	1.34E+00	8.85E-01	2.05
90	1.211E+00		5.43E-01	3.09E-01	6.68E-01	4.01	3.23E+00	1.80E+00	1.02E+00	2.21
91	1.255E+00		5.71E-01	3.50E-01	6.84E-01	4.16	3.42E+00	1.89E+00	1.15E+00	2.26
92	4.051E-01		1.23E-01	1.15E-01	2.83E-01	1.34	1.32E+00	4.06E-01	3.83E-01	0.94
93	4.577E-01		1.39E-01	1.27E-01	3.18E-01	1.52	1.48E+00	4.62E-01	4.24E-01	1.05
94	5.201E-01		1.60E-01	1.42E-01	3.60E-01	1.72	1.67E+00	5.29E-01	4.73E-01	1.19
95	5.942E-01		1.85E-01	1.59E-01	4.10E-01	1.97	1.89E+00	6.11E-01	5.32E-01	1.36
96	6.828E-01		2.15E-01	1.80E-01	4.68E-01	2.26	2.15E+00	7.13E-01	6.04E-01	1.55
97	7.902E-01		2.54E-01	2.09E-01	5.36E-01	2.62	2.47E+00	8.41E-01	6.94E-01	1.78
98	9.208E-01		3.04E-01	2.43E-01	6.16E-01	3.05	2.85E+00	1.01E+00	8.08E-01	2.04
99	1.081E+00		3.73E-01	2.89E-01	7.07E-01	3.58	3.30E+00	1.24E+00	9.57E-01	2.34
100	1.280E+00		4.74E-01	3.49E-01	8.06E-01	4.24	3.82E+00	1.57E+00	1.16E+00	2.67
101	1.525E+00		6.46E-01	4.31E-01	8.79E-01	5.05	4.34E+00	2.14E+00	1.42E+00	2.91
102	1.600E+00		7.19E-01	5.23E-01	8.81E-01	5.30	4.65E+00	2.38E+00	1.73E+00	2.92
103	6.618E-01		1.99E-01	1.77E-01	4.63E-01	2.19	2.12E+00	6.58E-01	5.89E-01	1.53
104	7.710E-01		2.34E-01	2.03E-01	5.37E-01	2.55	2.46E+00	7.74E-01	6.78E-01	1.78
105	9.295E-01		2.84E-01	2.43E-01	6.45E-01	3.08	2.95E+00	9.41E-01	8.10E-01	2.14
106	1.112E+00		3.47E-01	2.91E-01	7.65E-01	3.68	3.50E+00	1.15E+00	9.69E-01	2.53
107	1.384E+00		4.44E-01	3.67E-01	9.40E-01	4.58	4.34E+00	1.47E+00	1.22E+00	3.11
108	1.711E+00		5.89E-01	4.78E-01	1.12E+00	5.67	5.30E+00	1.95E+00	1.58E+00	3.72
109	2.102E+00		8.59E-01	6.71E-01	1.24E+00	6.96	6.34E+00	2.84E+00	2.22E+00	4.12
110	2.347E+00		1.17E+00	1.03E+00	1.18E+00	7.77	7.29E+00	3.87E+00	3.39E+00	3.90
111	5.749E-01		1.71E-01	1.57E-01	4.03E-01	1.90	1.86E+00	5.68E-01	5.20E-01	1.34
112	4.944E-01		1.47E-01	1.38E-01	3.48E-01	1.64	1.61E+00	4.85E-01	4.56E-01	1.15

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk												
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Haul1&3**	**Haul2&3**	**Idle**				**Haul1&3**	**Haul2&3**	**Idle**	
		0.001	**278**	**<-Max**	**0.00057**	**0.00104**	**0.00058**	**Res**						
		0.016	**110**		**0.00814**	**0.00713**	**0.00866**	**Teacher**	**0.016**	**#N/A**	**0.016**	**0.000**	**0.008**	**Student**
						Residential Receptors								
1	**1**	2.354E-04			5.01E-05	1.28E-04	1.07E-04							
2	**2**	2.574E-04			5.30E-05	1.43E-04	1.14E-04							
3	**3**	2.845E-04			5.62E-05	1.63E-04	1.22E-04							
4	**4**	3.179E-04			5.97E-05	1.88E-04	1.30E-04							
5	**5**	3.611E-04			6.36E-05	2.22E-04	1.39E-04							
6	**6**	2.336E-04			4.99E-05	1.27E-04	1.07E-04							
7	**7**	2.553E-04			5.27E-05	1.42E-04	1.13E-04							
8	**8**	2.817E-04			5.59E-05	1.61E-04	1.20E-04							
9	**9**	3.153E-04			5.94E-05	1.86E-04	1.29E-04							
10	**10**	3.580E-04			6.33E-05	2.20E-04	1.38E-04							
11	**11**	2.311E-04			4.96E-05	1.25E-04	1.06E-04							
12	**12**	2.525E-04			5.24E-05	1.40E-04	1.12E-04							
13	**13**	2.787E-04			5.56E-05	1.59E-04	1.20E-04							
14	**14**	3.121E-04			5.92E-05	1.84E-04	1.28E-04							
15	**15**	3.545E-04			6.31E-05	2.17E-04	1.37E-04							
16	**16**	2.286E-04			4.93E-05	1.24E-04	1.05E-04							
17	**17**	2.500E-04			5.22E-05	1.38E-04	1.12E-04							
18	**18**	2.759E-04			5.53E-05	1.57E-04	1.19E-04							
19	**19**	3.082E-04			5.88E-05	1.81E-04	1.27E-04							
20	**20**	3.509E-04			6.28E-05	2.14E-04	1.37E-04							
21	**21**	2.264E-04			4.91E-05	1.22E-04	1.04E-04							
22	**22**	2.477E-04			5.20E-05	1.37E-04	1.11E-04							
23	**23**	2.736E-04			5.51E-05	1.55E-04	1.18E-04							
24	**24**	3.059E-04			5.86E-05	1.79E-04	1.27E-04							
25	**25**	3.471E-04			6.25E-05	2.11E-04	1.36E-04							
113	**113**	1.076E-03			5.75E-04	2.38E-04	5.02E-04							
114	**114**	9.773E-04			5.21E-04	2.18E-04	4.56E-04							
115	**115**	8.903E-04			4.74E-04	2.00E-04	4.16E-04							
116	**116**	8.112E-04			4.30E-04	1.85E-04	3.81E-04							

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
117	**117**	1.044E-03	5.27E-04	2.45E-04	5.17E-04			
118	**118**	9.446E-04	4.77E-04	2.23E-04	4.67E-04			
119	**119**	8.579E-04	4.33E-04	2.05E-04	4.25E-04			
120	**120**	7.802E-04	3.93E-04	1.88E-04	3.88E-04			
121	**121**	1.019E-03	4.89E-04	2.51E-04	5.30E-04			
122	**122**	9.196E-04	4.42E-04	2.28E-04	4.78E-04			
123	**123**	8.333E-04	4.01E-04	2.08E-04	4.33E-04			
124	**124**	7.570E-04	3.63E-04	1.91E-04	3.94E-04			
125	**125**	9.996E-04	4.57E-04	2.56E-04	5.42E-04			
126	**126**	9.000E-04	4.13E-04	2.32E-04	4.87E-04			
127	**127**	8.140E-04	3.74E-04	2.12E-04	4.40E-04			
128	**128**	7.387E-04	3.39E-04	1.94E-04	3.99E-04			
129	**129**	9.840E-04	4.32E-04	2.61E-04	5.52E-04			
130	**130**	8.840E-04	3.89E-04	2.36E-04	4.95E-04			
131	**131**	7.983E-04	3.53E-04	2.15E-04	4.46E-04			
132	**132**	7.239E-04	3.20E-04	1.96E-04	4.04E-04			
133	**133**	9.706E-04	4.10E-04	2.65E-04	5.61E-04			
134	**134**	8.703E-04	3.69E-04	2.39E-04	5.01E-04			
135	**135**	7.850E-04	3.34E-04	2.17E-04	4.51E-04			
136	**136**	7.114E-04	3.04E-04	1.98E-04	4.08E-04			
137	**137**	9.583E-04	3.90E-04	2.69E-04	5.68E-04			
138	**138**	7.731E-04	3.19E-04	2.19E-04	4.54E-04			
139	**139**	7.003E-04	2.90E-04	2.00E-04	4.11E-04			
140	**140**	9.193E-04	3.42E-04	2.73E-04	5.77E-04			
141	**141**	8.213E-04	3.09E-04	2.45E-04	5.13E-04			
142	**142**	7.390E-04	2.80E-04	2.22E-04	4.59E-04			
143	**143**	6.691E-04	2.55E-04	2.02E-04	4.14E-04			
144	**144**	9.029E-04	3.28E-04	2.73E-04	5.75E-04			
145	**145**	8.068E-04	2.96E-04	2.45E-04	5.11E-04			
146	**146**	7.262E-04	2.69E-04	2.21E-04	4.58E-04			
147	**147**	6.577E-04	2.45E-04	2.01E-04	4.13E-04			
148	**148**	8.835E-04	3.13E-04	2.71E-04	5.71E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
149	**149**	7.901E-04	2.83E-04	2.43E-04	5.07E-04			
150	**150**	7.117E-04	2.57E-04	2.20E-04	4.54E-04			
151	**151**	6.451E-04	2.35E-04	2.00E-04	4.10E-04			
152	**152**	8.603E-04	2.98E-04	2.67E-04	5.62E-04			
153	**153**	7.708E-04	2.70E-04	2.40E-04	5.01E-04			
154	**154**	6.953E-04	2.46E-04	2.18E-04	4.49E-04			
155	**155**	6.310E-04	2.26E-04	1.99E-04	4.05E-04			
156	**156**	8.326E-04	2.83E-04	2.62E-04	5.50E-04			
157	**157**	7.482E-04	2.57E-04	2.36E-04	4.91E-04			
158	**158**	6.765E-04	2.35E-04	2.15E-04	4.41E-04			
159	**159**	6.152E-04	2.16E-04	1.96E-04	3.99E-04			
160	**160**	7.997E-04	2.67E-04	2.54E-04	5.33E-04			
161	**161**	7.216E-04	2.44E-04	2.31E-04	4.78E-04			
162	**162**	6.548E-04	2.24E-04	2.10E-04	4.31E-04			
163	**163**	5.970E-04	2.06E-04	1.93E-04	3.91E-04			
164	**164**	7.617E-04	2.51E-04	2.46E-04	5.11E-04			
165	**165**	6.909E-04	2.30E-04	2.24E-04	4.61E-04			
166	**166**	6.292E-04	2.12E-04	2.05E-04	4.17E-04			
167	**167**	5.758E-04	1.96E-04	1.89E-04	3.80E-04			
168	**168**	7.215E-04	2.35E-04	2.36E-04	4.85E-04			
169	**169**	6.568E-04	2.17E-04	2.16E-04	4.40E-04			
170	**170**	6.010E-04	2.00E-04	1.99E-04	4.01E-04			
171	**171**	5.525E-04	1.86E-04	1.84E-04	3.67E-04			
172	**172**	6.837E-04	2.19E-04	2.26E-04	4.57E-04			
173	**173**	6.253E-04	2.03E-04	2.08E-04	4.17E-04			
174	**174**	5.742E-04	1.89E-04	1.92E-04	3.82E-04			
175	**175**	5.292E-04	1.76E-04	1.78E-04	3.51E-04			
176	**176**	6.451E-04	2.04E-04	2.16E-04	4.29E-04			
177	**177**	5.927E-04	1.90E-04	1.99E-04	3.94E-04			
178	**178**	5.467E-04	1.77E-04	1.85E-04	3.62E-04			
179	**179**	5.061E-04	1.66E-04	1.71E-04	3.35E-04			
180	**180**	6.066E-04	1.90E-04	2.06E-04	4.01E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
181	**181**	5.599E-04	1.78E-04	1.91E-04	3.69E-04			
182	**182**	5.185E-04	1.66E-04	1.77E-04	3.41E-04			
183	**183**	4.819E-04	1.56E-04	1.65E-04	3.17E-04			
184	**184**	7.896E-04	2.54E-04	2.57E-04	5.32E-04			
185	**185**	7.022E-04	2.13E-04	2.40E-04	4.63E-04			
186	**186**	6.436E-04	1.98E-04	2.20E-04	4.24E-04			
187	**187**	5.925E-04	1.85E-04	2.03E-04	3.90E-04			
188	**188**	5.477E-04	1.73E-04	1.88E-04	3.60E-04			
189	**189**	7.101E-04	2.12E-04	2.47E-04	4.63E-04			
190	**190**	6.513E-04	1.97E-04	2.27E-04	4.25E-04			
191	**191**	6.000E-04	1.84E-04	2.09E-04	3.91E-04			
192	**192**	5.549E-04	1.72E-04	1.93E-04	3.62E-04			
193	**193**	5.150E-04	1.61E-04	1.79E-04	3.36E-04			
194	**194**	6.564E-04	1.95E-04	2.34E-04	4.23E-04			
195	**195**	6.046E-04	1.82E-04	2.15E-04	3.90E-04			
196	**196**	5.594E-04	1.71E-04	1.99E-04	3.61E-04			
197	**197**	5.191E-04	1.60E-04	1.84E-04	3.35E-04			
198	**198**	4.836E-04	1.51E-04	1.71E-04	3.12E-04			
199	**199**	6.094E-04	1.81E-04	2.21E-04	3.88E-04			
200	**200**	5.629E-04	1.70E-04	2.04E-04	3.59E-04			
201	**201**	5.222E-04	1.59E-04	1.89E-04	3.33E-04			
202	**202**	4.861E-04	1.50E-04	1.76E-04	3.10E-04			
203	**203**	4.542E-04	1.41E-04	1.64E-04	2.90E-04			
204	**204**	8.087E-04	2.22E-04	2.99E-04	5.09E-04			
205	**205**	5.687E-04	1.69E-04	2.10E-04	3.59E-04			
206	**206**	5.264E-04	1.58E-04	1.94E-04	3.32E-04			
207	**207**	4.891E-04	1.49E-04	1.80E-04	3.09E-04			
208	**208**	4.563E-04	1.40E-04	1.68E-04	2.89E-04			
209	**209**	7.448E-04	2.04E-04	2.80E-04	4.65E-04			
210	**210**	6.820E-04	1.91E-04	2.56E-04	4.26E-04			
211	**211**	6.261E-04	1.79E-04	2.34E-04	3.92E-04			
212	**212**	5.768E-04	1.68E-04	2.16E-04	3.61E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
213	**213**	5.331E-04	1.57E-04	1.99E-04	3.34E-04			
214	**214**	4.944E-04	1.48E-04	1.85E-04	3.10E-04			
215	**215**	4.601E-04	1.40E-04	1.72E-04	2.88E-04			
216	**216**	7.470E-04	1.96E-04	2.91E-04	4.56E-04			
217	**217**	6.889E-04	1.85E-04	2.67E-04	4.22E-04			
218	**218**	6.362E-04	1.74E-04	2.45E-04	3.91E-04			
219	**219**	5.889E-04	1.64E-04	2.26E-04	3.63E-04			
220	**220**	5.459E-04	1.55E-04	2.09E-04	3.37E-04			
221	**221**	5.070E-04	1.46E-04	1.94E-04	3.13E-04			
222	**222**	6.863E-04	1.81E-04	2.71E-04	4.16E-04			
223	**223**	6.359E-04	1.71E-04	2.49E-04	3.87E-04			
224	**224**	5.901E-04	1.62E-04	2.29E-04	3.61E-04			
225	**225**	5.488E-04	1.53E-04	2.12E-04	3.36E-04			
226	**226**	5.108E-04	1.45E-04	1.97E-04	3.14E-04			
227	**227**	6.325E-04	1.67E-04	2.52E-04	3.81E-04			
228	**228**	5.884E-04	1.59E-04	2.32E-04	3.56E-04			
229	**229**	5.483E-04	1.51E-04	2.15E-04	3.33E-04			
230	**230**	5.116E-04	1.43E-04	1.99E-04	3.12E-04			
231	**231**	5.842E-04	1.55E-04	2.34E-04	3.50E-04			
232	**232**	5.460E-04	1.48E-04	2.17E-04	3.29E-04			
233	**233**	5.106E-04	1.41E-04	2.01E-04	3.09E-04			
234	**234**	4.782E-04	1.34E-04	1.88E-04	2.91E-04			
235	**235**	5.410E-04	1.44E-04	2.18E-04	3.23E-04			
236	**236**	5.077E-04	1.38E-04	2.03E-04	3.05E-04			
237	**237**	4.762E-04	1.32E-04	1.89E-04	2.87E-04			
238	**238**	4.478E-04	1.26E-04	1.77E-04	2.71E-04			
239	**239**	5.021E-04	1.35E-04	2.02E-04	3.00E-04			
240	**240**	4.725E-04	1.29E-04	1.89E-04	2.83E-04			
241	**241**	4.451E-04	1.24E-04	1.77E-04	2.68E-04			
242	**242**	4.200E-04	1.18E-04	1.66E-04	2.54E-04			
243	**243**	7.477E-04	1.68E-04	3.37E-04	4.11E-04			
244	**244**	7.115E-04	1.65E-04	3.12E-04	3.99E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
245	**245**	6.747E-04	1.61E-04	2.90E-04	3.85E-04			
246	**246**	6.380E-04	1.56E-04	2.69E-04	3.69E-04			
247	**247**	6.018E-04	1.51E-04	2.51E-04	3.51E-04			
248	**248**	5.674E-04	1.46E-04	2.34E-04	3.34E-04			
249	**249**	5.347E-04	1.40E-04	2.18E-04	3.16E-04			
250	**250**	6.789E-04	1.56E-04	3.02E-04	3.76E-04			
251	**251**	6.482E-04	1.53E-04	2.82E-04	3.66E-04			
252	**252**	6.166E-04	1.49E-04	2.63E-04	3.53E-04			
253	**253**	5.850E-04	1.45E-04	2.46E-04	3.39E-04			
254	**254**	5.536E-04	1.41E-04	2.30E-04	3.24E-04			
255	**255**	5.237E-04	1.36E-04	2.15E-04	3.08E-04			
256	**256**	4.946E-04	1.31E-04	2.01E-04	2.93E-04			
257	**257**	6.200E-04	1.45E-04	2.74E-04	3.46E-04			
258	**258**	5.935E-04	1.42E-04	2.57E-04	3.37E-04			
259	**259**	5.662E-04	1.39E-04	2.41E-04	3.26E-04			
260	**260**	5.387E-04	1.36E-04	2.26E-04	3.13E-04			
261	**261**	5.113E-04	1.31E-04	2.12E-04	3.00E-04			
262	**262**	4.850E-04	1.27E-04	1.99E-04	2.86E-04			
263	**263**	4.594E-04	1.23E-04	1.87E-04	2.73E-04			
264	**264**	5.693E-04	1.35E-04	2.49E-04	3.20E-04			
265	**265**	5.461E-04	1.33E-04	2.35E-04	3.11E-04			
266	**266**	5.222E-04	1.30E-04	2.21E-04	3.01E-04			
267	**267**	4.981E-04	1.27E-04	2.08E-04	2.90E-04			
268	**268**	4.743E-04	1.23E-04	1.96E-04	2.78E-04			
269	**269**	4.509E-04	1.19E-04	1.85E-04	2.66E-04			
270	**270**	4.281E-04	1.15E-04	1.74E-04	2.54E-04			
271	**271**	5.249E-04	1.27E-04	2.28E-04	2.97E-04			
272	**272**	5.046E-04	1.25E-04	2.16E-04	2.89E-04			
273	**273**	4.835E-04	1.22E-04	2.04E-04	2.80E-04			
274	**274**	4.623E-04	1.19E-04	1.92E-04	2.70E-04			
275	**275**	4.412E-04	1.16E-04	1.82E-04	2.59E-04			
276	**276**	4.206E-04	1.12E-04	1.72E-04	2.49E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
277	**277**	3.999E-04	1.09E-04	1.62E-04	2.38E-04			
278	**278**	1.305E-03	1.13E-04	1.04E-03	2.67E-04			
279	**279**	1.247E-03	1.17E-04	9.69E-04	2.78E-04			
280	**280**	1.173E-03	1.27E-04	8.64E-04	3.09E-04			
281	**281**	1.093E-03	1.26E-04	7.88E-04	3.05E-04			
282	**282**	1.188E-03	1.36E-04	8.53E-04	3.35E-04			
283	**283**	1.024E-03	1.17E-04	7.45E-04	2.79E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
			School Recepors						
26	**26**	1.660E-03	5.85E-04	4.84E-04	1.07E-03	1.6597E-03	5.8527E-04	4.8351E-04	0.0011
27	**27**	1.805E-03	6.51E-04	5.13E-04	1.15E-03	1.8050E-03	6.5082E-04	5.1316E-04	0.0012
28	**28**	1.970E-03	7.30E-04	5.45E-04	1.24E-03	1.9703E-03	7.3043E-04	5.4532E-04	0.0012
29	**29**	2.160E-03	8.29E-04	5.80E-04	1.33E-03	2.1599E-03	8.2931E-04	5.8005E-04	0.0013
30	**30**	2.381E-03	9.55E-04	6.17E-04	1.43E-03	2.3805E-03	9.5531E-04	6.1737E-04	0.0014
31	**31**	2.643E-03	1.12E-03	6.57E-04	1.52E-03	2.6433E-03	1.1204E-03	6.5715E-04	0.0015
32	**32**	2.966E-03	1.34E-03	6.99E-04	1.62E-03	2.9664E-03	1.3431E-03	6.9913E-04	0.0016
33	**33**	3.380E-03	1.65E-03	7.43E-04	1.73E-03	3.3797E-03	1.6547E-03	7.4283E-04	0.0017
34	**34**	3.946E-03	2.12E-03	7.87E-04	1.82E-03	3.9460E-03	2.1221E-03	7.8744E-04	0.0018
35	**35**	4.904E-03	2.99E-03	8.32E-04	1.91E-03	4.9044E-03	2.9926E-03	8.3176E-04	0.0019
36	**36**	4.780E-03	2.80E-03	8.71E-04	1.98E-03	4.7804E-03	2.8019E-03	8.7123E-04	0.0020
37	**37**	1.795E-03	6.19E-04	5.23E-04	1.18E-03	1.7955E-03	6.1930E-04	5.2271E-04	0.0012
38	**38**	1.961E-03	6.90E-04	5.58E-04	1.27E-03	1.9610E-03	6.9048E-04	5.5762E-04	0.0013
39	**39**	2.149E-03	7.76E-04	5.96E-04	1.37E-03	2.1492E-03	7.7638E-04	5.9589E-04	0.0014
40	**40**	2.364E-03	8.82E-04	6.38E-04	1.48E-03	2.3640E-03	8.8173E-04	6.3774E-04	0.0015
41	**41**	2.611E-03	1.01E-03	6.83E-04	1.60E-03	2.6108E-03	1.0133E-03	6.8331E-04	0.0016
42	**42**	2.898E-03	1.18E-03	7.33E-04	1.72E-03	2.8980E-03	1.1806E-03	7.3260E-04	0.0017
43	**43**	3.240E-03	1.40E-03	7.85E-04	1.84E-03	3.2397E-03	1.3985E-03	7.8538E-04	0.0018
44	**44**	3.661E-03	1.69E-03	8.41E-04	1.97E-03	3.6609E-03	1.6934E-03	8.4105E-04	0.0020
45	**45**	4.219E-03	2.13E-03	8.99E-04	2.09E-03	4.2194E-03	2.1288E-03	8.9851E-04	0.0021
46	**46**	5.155E-03	2.96E-03	9.56E-04	2.20E-03	5.1552E-03	2.9564E-03	9.5618E-04	0.0022
47	**47**	5.151E-03	2.87E-03	1.01E-03	2.28E-03	5.1511E-03	2.8745E-03	1.0075E-03	0.0023
48	**48**	1.950E-03	6.57E-04	5.67E-04	1.29E-03	1.9498E-03	6.5693E-04	5.6680E-04	0.0013
49	**49**	2.140E-03	7.34E-04	6.08E-04	1.41E-03	2.1399E-03	7.3448E-04	6.0819E-04	0.0014
50	**50**	2.356E-03	8.27E-04	6.54E-04	1.53E-03	2.3563E-03	8.2748E-04	6.5417E-04	0.0015
51	**51**	2.603E-03	9.40E-04	7.05E-04	1.66E-03	2.6028E-03	9.4027E-04	7.0517E-04	0.0017
52	**52**	2.884E-03	1.08E-03	7.62E-04	1.81E-03	2.8840E-03	1.0787E-03	7.6159E-04	0.0018
53	**53**	3.206E-03	1.25E-03	8.24E-04	1.96E-03	3.2065E-03	1.2513E-03	8.2371E-04	0.0020
54	**54**	3.582E-03	1.47E-03	8.92E-04	2.11E-03	3.5822E-03	1.4711E-03	8.9153E-04	0.0021
55	**55**	4.036E-03	1.76E-03	9.64E-04	2.27E-03	4.0356E-03	1.7640E-03	9.6444E-04	0.0023
56	**56**	4.624E-03	2.20E-03	1.04E-03	2.43E-03	4.6243E-03	2.1952E-03	1.0409E-03	0.0024

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
57	**57**	5.588E-03	3.02E-03	1.12E-03	2.57E-03	5.5881E-03	3.0230E-03	1.1189E-03	0.0026
58	**58**	5.653E-03	3.00E-03	1.19E-03	2.66E-03	5.6530E-03	2.9969E-03	1.1885E-03	0.0027
59	**59**	2.126E-03	6.99E-04	6.16E-04	1.43E-03	2.1259E-03	6.9858E-04	6.1642E-04	0.0014
60	**60**	2.346E-03	7.84E-04	6.66E-04	1.56E-03	2.3463E-03	7.8352E-04	6.6584E-04	0.0016
61	**61**	2.598E-03	8.85E-04	7.22E-04	1.71E-03	2.5982E-03	8.8495E-04	7.2156E-04	0.0017
62	**62**	2.886E-03	1.01E-03	7.84E-04	1.88E-03	2.8858E-03	1.0070E-03	7.8441E-04	0.0019
63	**63**	3.214E-03	1.16E-03	8.55E-04	2.06E-03	3.2139E-03	1.1554E-03	8.5528E-04	0.0021
64	**64**	3.589E-03	1.34E-03	9.35E-04	2.25E-03	3.5886E-03	1.3382E-03	9.3506E-04	0.0023
65	**65**	4.021E-03	1.57E-03	1.02E-03	2.45E-03	4.0210E-03	1.5687E-03	1.0244E-03	0.0025
66	**66**	4.536E-03	1.87E-03	1.12E-03	2.66E-03	4.5361E-03	1.8737E-03	1.1231E-03	0.0027
67	**67**	5.191E-03	2.32E-03	1.23E-03	2.87E-03	5.1907E-03	2.3201E-03	1.2293E-03	0.0029
68	**68**	6.210E-03	3.16E-03	1.34E-03	3.05E-03	6.2095E-03	3.1625E-03	1.3403E-03	0.0030
69	**69**	6.334E-03	3.18E-03	1.44E-03	3.15E-03	6.3339E-03	3.1818E-03	1.4403E-03	0.0032
70	**70**	2.327E-03	7.45E-04	6.72E-04	1.58E-03	2.3272E-03	7.4478E-04	6.7231E-04	0.0016
71	**71**	2.585E-03	8.39E-04	7.32E-04	1.75E-03	2.5855E-03	8.3850E-04	7.3163E-04	0.0017
72	**72**	2.883E-03	9.50E-04	8.00E-04	1.93E-03	2.8830E-03	9.5032E-04	7.9965E-04	0.0019
73	**73**	3.225E-03	1.08E-03	8.78E-04	2.14E-03	3.2252E-03	1.0847E-03	8.7791E-04	0.0021
74	**74**	3.619E-03	1.25E-03	9.68E-04	2.37E-03	3.6187E-03	1.2476E-03	9.6823E-04	0.0024
75	**75**	4.071E-03	1.45E-03	1.07E-03	2.62E-03	4.0713E-03	1.4480E-03	1.0727E-03	0.0026
76	**76**	4.594E-03	1.70E-03	1.19E-03	2.89E-03	4.5945E-03	1.7006E-03	1.1935E-03	0.0029
77	**77**	5.214E-03	2.03E-03	1.33E-03	3.18E-03	5.2141E-03	2.0341E-03	1.3324E-03	0.0032
78	**78**	5.985E-03	2.52E-03	1.49E-03	3.47E-03	5.9845E-03	2.5167E-03	1.4883E-03	0.0035
79	**79**	7.100E-03	3.39E-03	1.66E-03	3.71E-03	7.1004E-03	3.3948E-03	1.6580E-03	0.0037
80	**80**	7.296E-03	3.47E-03	1.81E-03	3.82E-03	7.2959E-03	3.4739E-03	1.8144E-03	0.0038
81	**81**	2.558E-03	7.96E-04	7.35E-04	1.76E-03	2.5578E-03	7.9622E-04	7.3527E-04	0.0018
82	**82**	2.864E-03	9.01E-04	8.07E-04	1.96E-03	2.8640E-03	9.0056E-04	8.0676E-04	0.0020
83	**83**	3.221E-03	1.03E-03	8.90E-04	2.20E-03	3.2209E-03	1.0255E-03	8.9028E-04	0.0022
84	**84**	3.637E-03	1.18E-03	9.89E-04	2.46E-03	3.6367E-03	1.1763E-03	9.8852E-04	0.0025
85	**85**	4.123E-03	1.36E-03	1.10E-03	2.76E-03	4.1226E-03	1.3603E-03	1.1050E-03	0.0028
86	**86**	4.692E-03	1.59E-03	1.24E-03	3.10E-03	4.6923E-03	1.5885E-03	1.2444E-03	0.0031
87	**87**	5.361E-03	1.88E-03	1.41E-03	3.48E-03	5.3613E-03	1.8791E-03	1.4125E-03	0.0035
88	**88**	6.159E-03	2.27E-03	1.62E-03	3.89E-03	6.1586E-03	2.2656E-03	1.6165E-03	0.0039

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
89	**89**	7.137E-03	2.82E-03	1.86E-03	4.32E-03	7.1370E-03	2.8205E-03	1.8616E-03	0.0043
90	**90**	8.440E-03	3.79E-03	2.15E-03	4.65E-03	8.4395E-03	3.7854E-03	2.1492E-03	0.0047
91	**91**	8.741E-03	3.98E-03	2.43E-03	4.76E-03	8.7405E-03	3.9783E-03	2.4294E-03	0.0048
92	**92**	2.822E-03	8.54E-04	8.06E-04	1.97E-03	2.8220E-03	8.5372E-04	8.0625E-04	0.0020
93	**93**	3.189E-03	9.71E-04	8.93E-04	2.22E-03	3.1886E-03	9.7108E-04	8.9264E-04	0.0022
94	**94**	3.623E-03	1.11E-03	9.96E-04	2.51E-03	3.6231E-03	1.1127E-03	9.9555E-04	0.0025
95	**95**	4.139E-03	1.29E-03	1.12E-03	2.85E-03	4.1392E-03	1.2854E-03	1.1195E-03	0.0029
96	**96**	4.757E-03	1.50E-03	1.27E-03	3.26E-03	4.7568E-03	1.4991E-03	1.2710E-03	0.0033
97	**97**	5.504E-03	1.77E-03	1.46E-03	3.74E-03	5.5045E-03	1.7690E-03	1.4594E-03	0.0037
98	**98**	6.415E-03	2.12E-03	1.70E-03	4.29E-03	6.4147E-03	2.1211E-03	1.6992E-03	0.0043
99	**99**	7.530E-03	2.60E-03	2.01E-03	4.93E-03	7.5304E-03	2.6018E-03	2.0122E-03	0.0049
100	**100**	8.916E-03	3.30E-03	2.43E-03	5.61E-03	8.9164E-03	3.3048E-03	2.4296E-03	0.0056
101	**101**	1.063E-02	4.50E-03	3.00E-03	6.12E-03	1.0625E-02	4.5004E-03	2.9960E-03	0.0061
102	**102**	1.115E-02	5.01E-03	3.63E-03	6.14E-03	1.1147E-02	5.0089E-03	3.6339E-03	0.0061
103	**103**	4.610E-03	1.38E-03	1.24E-03	3.23E-03	4.6104E-03	1.3842E-03	1.2390E-03	0.0032
104	**104**	5.371E-03	1.63E-03	1.43E-03	3.74E-03	5.3712E-03	1.6275E-03	1.4259E-03	0.0037
105	**105**	6.475E-03	1.98E-03	1.70E-03	4.50E-03	6.4753E-03	1.9801E-03	1.7034E-03	0.0045
106	**106**	7.749E-03	2.42E-03	2.04E-03	5.33E-03	7.7488E-03	2.4196E-03	2.0385E-03	0.0053
107	**107**	9.641E-03	3.09E-03	2.57E-03	6.55E-03	9.6414E-03	3.0923E-03	2.5705E-03	0.0065
108	**108**	1.192E-02	4.10E-03	3.33E-03	7.82E-03	1.1922E-02	4.1030E-03	3.3316E-03	0.0078
109	**109**	1.464E-02	5.98E-03	4.67E-03	8.66E-03	1.4643E-02	5.9820E-03	4.6681E-03	0.0087
110	**110**	1.635E-02	8.14E-03	7.13E-03	8.20E-03	1.6348E-02	8.1448E-03	7.1301E-03	0.0082
111	**111**	4.005E-03	1.19E-03	1.09E-03	2.81E-03	4.0047E-03	1.1943E-03	1.0932E-03	0.0028
112	**112**	3.444E-03	1.02E-03	9.60E-04	2.42E-03	3.4441E-03	1.0211E-03	9.6014E-04	0.0024

Shiolh Business Park
Unmitigated - Risk Summary

				Construction PM2.5							
Receptor #	Total Per/Million	Rec#		Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating	
	0.007	140	<-Max	0.00024	0.00008	0.00033	0.00043	0.00568	0.00014	0.00008	Residential
	0.08106	107		0.00155	0.00134	0.00549	0.00421	0.06712	0.00247	0.00097	School
1	1.157E-03			3.79E-05	1.37E-05	7.16E-05	7.47E-05	0.00	2.82E-05	1.33E-05	
2	1.227E-03			4.25E-05	1.44E-05	7.83E-05	7.97E-05	0.00	3.10E-05	1.40E-05	
3	1.308E-03			4.84E-05	1.53E-05	8.65E-05	8.54E-05	0.00	3.45E-05	1.48E-05	
4	1.398E-03			5.60E-05	1.62E-05	9.68E-05	9.17E-05	0.00	3.89E-05	1.57E-05	
5	1.504E-03			6.66E-05	1.73E-05	1.10E-04	9.90E-05	0.00	4.47E-05	1.67E-05	
6	1.141E-03			3.73E-05	1.35E-05	7.05E-05	7.48E-05	0.00	2.78E-05	1.31E-05	
7	1.209E-03			4.17E-05	1.42E-05	7.69E-05	7.98E-05	0.00	3.04E-05	1.38E-05	
8	1.286E-03			4.72E-05	1.50E-05	8.47E-05	8.56E-05	0.00	3.37E-05	1.46E-05	
9	1.376E-03			5.46E-05	1.60E-05	9.47E-05	9.23E-05	0.00	3.80E-05	1.54E-05	
10	1.478E-03			6.45E-05	1.70E-05	1.07E-04	9.97E-05	0.00	4.35E-05	1.64E-05	
11	1.122E-03			3.64E-05	1.33E-05	6.91E-05	7.49E-05	0.00	2.72E-05	1.29E-05	
12	1.189E-03			4.06E-05	1.40E-05	7.52E-05	8.01E-05	0.00	2.97E-05	1.36E-05	
13	1.264E-03			4.59E-05	1.48E-05	8.26E-05	8.60E-05	0.00	3.29E-05	1.43E-05	
14	1.352E-03			5.28E-05	1.57E-05	9.21E-05	9.29E-05	0.00	3.69E-05	1.52E-05	
15	1.451E-03			6.20E-05	1.67E-05	1.04E-04	1.01E-04	0.00	4.21E-05	1.61E-05	
16	1.105E-03			3.55E-05	1.30E-05	6.76E-05	7.51E-05	0.00	2.66E-05	1.27E-05	
17	1.170E-03			3.95E-05	1.37E-05	7.35E-05	8.05E-05	0.00	2.90E-05	1.33E-05	
18	1.243E-03			4.44E-05	1.45E-05	8.05E-05	8.66E-05	0.00	3.20E-05	1.41E-05	
19	1.326E-03			5.08E-05	1.54E-05	8.92E-05	9.35E-05	0.00	3.57E-05	1.49E-05	
20	1.423E-03			5.95E-05	1.63E-05	1.01E-04	1.02E-04	0.00	4.06E-05	1.58E-05	
21	1.088E-03			3.46E-05	1.28E-05	6.62E-05	7.55E-05	0.00	2.60E-05	1.25E-05	
22	1.151E-03			3.83E-05	1.35E-05	7.17E-05	8.11E-05	0.00	2.83E-05	1.31E-05	
23	1.223E-03			4.30E-05	1.43E-05	7.85E-05	8.73E-05	0.00	3.11E-05	1.38E-05	
24	1.304E-03			4.90E-05	1.51E-05	8.68E-05	9.45E-05	0.00	3.47E-05	1.46E-05	
25	1.397E-03			5.70E-05	1.60E-05	9.75E-05	1.03E-04	0.00	3.92E-05	1.55E-05	
26	1.221E-02			1.82E-04	1.59E-04	6.22E-04	7.46E-04	0.01	2.63E-04	1.46E-04	
27	1.320E-02			2.00E-04	1.73E-04	6.84E-04	8.05E-04	0.01	2.92E-04	1.58E-04	
28	1.430E-02			2.23E-04	1.89E-04	7.56E-04	8.69E-04	0.01	3.24E-04	1.71E-04	
29	1.550E-02			2.53E-04	2.06E-04	8.38E-04	9.36E-04	0.01	3.60E-04	1.84E-04	
30	1.680E-02			2.94E-04	2.23E-04	9.33E-04	1.01E-03	0.01	4.01E-04	1.99E-04	

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
31	1.816E-02		3.53E-04	2.39E-04	1.05E-03	1.08E-03	0.01	4.49E-04	2.14E-04
32	1.958E-02		4.46E-04	2.54E-04	1.20E-03	1.15E-03	0.02	5.11E-04	2.29E-04
33	2.107E-02		6.04E-04	2.68E-04	1.41E-03	1.21E-03	0.02	6.02E-04	2.43E-04
34	2.276E-02		8.94E-04	2.79E-04	1.76E-03	1.27E-03	0.02	7.55E-04	2.54E-04
35	2.520E-02		1.55E-03	2.87E-04	2.50E-03	1.31E-03	0.02	1.09E-03	2.64E-04
36	2.540E-02		1.44E-03	2.92E-04	2.40E-03	1.35E-03	0.02	1.04E-03	2.70E-04
37	1.351E-02		1.92E-04	1.78E-04	6.87E-04	8.18E-04	0.01	2.94E-04	1.62E-04
38	1.472E-02		2.11E-04	1.96E-04	7.61E-04	8.89E-04	0.01	3.30E-04	1.76E-04
39	1.605E-02		2.36E-04	2.16E-04	8.47E-04	9.66E-04	0.01	3.69E-04	1.92E-04
40	1.752E-02		2.67E-04	2.37E-04	9.44E-04	1.05E-03	0.01	4.12E-04	2.09E-04
41	1.910E-02		3.09E-04	2.58E-04	1.05E-03	1.13E-03	0.02	4.58E-04	2.27E-04
42	2.075E-02		3.68E-04	2.78E-04	1.18E-03	1.22E-03	0.02	5.10E-04	2.46E-04
43	2.242E-02		4.58E-04	2.97E-04	1.34E-03	1.30E-03	0.02	5.73E-04	2.64E-04
44	2.409E-02		6.05E-04	3.12E-04	1.54E-03	1.38E-03	0.02	6.60E-04	2.80E-04
45	2.585E-02		8.69E-04	3.24E-04	1.87E-03	1.45E-03	0.02	8.00E-04	2.93E-04
46	2.821E-02		1.47E-03	3.33E-04	2.56E-03	1.50E-03	0.02	1.10E-03	3.03E-04
47	2.856E-02		1.44E-03	3.38E-04	2.54E-03	1.53E-03	0.02	1.09E-03	3.09E-04
48	1.506E-02		2.03E-04	2.01E-04	7.66E-04	9.03E-04	0.01	3.34E-04	1.81E-04
49	1.654E-02		2.24E-04	2.24E-04	8.57E-04	9.88E-04	0.01	3.78E-04	1.98E-04
50	1.819E-02		2.49E-04	2.50E-04	9.62E-04	1.08E-03	0.02	4.28E-04	2.17E-04
51	2.002E-02		2.82E-04	2.77E-04	1.08E-03	1.18E-03	0.02	4.81E-04	2.39E-04
52	2.199E-02		3.24E-04	3.04E-04	1.21E-03	1.29E-03	0.02	5.34E-04	2.62E-04
53	2.403E-02		3.83E-04	3.29E-04	1.35E-03	1.40E-03	0.02	5.90E-04	2.85E-04
54	2.603E-02		4.70E-04	3.51E-04	1.51E-03	1.50E-03	0.02	6.54E-04	3.08E-04
55	2.794E-02		6.09E-04	3.69E-04	1.72E-03	1.59E-03	0.02	7.37E-04	3.27E-04
56	2.979E-02		8.59E-04	3.83E-04	2.04E-03	1.67E-03	0.02	8.69E-04	3.43E-04
57	3.213E-02		1.44E-03	3.92E-04	2.71E-03	1.72E-03	0.02	1.16E-03	3.53E-04
58	3.245E-02		1.44E-03	3.95E-04	2.71E-03	1.75E-03	0.02	1.16E-03	3.57E-04
59	1.690E-02		2.16E-04	2.30E-04	8.63E-04	1.00E-03	0.01	3.85E-04	2.03E-04
60	1.876E-02		2.38E-04	2.61E-04	9.78E-04	1.11E-03	0.02	4.44E-04	2.25E-04
61	2.087E-02		2.65E-04	2.95E-04	1.11E-03	1.22E-03	0.02	5.10E-04	2.49E-04
62	2.321E-02		2.98E-04	3.31E-04	1.26E-03	1.35E-03	0.02	5.76E-04	2.77E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
63	2.573E-02		3.40E-04	3.67E-04	1.41E-03	1.49E-03	0.02	6.39E-04	3.07E-04
64	2.830E-02		3.98E-04	3.98E-04	1.58E-03	1.62E-03	0.02	6.98E-04	3.37E-04
65	3.075E-02		4.82E-04	4.24E-04	1.75E-03	1.75E-03	0.03	7.61E-04	3.65E-04
66	3.294E-02		6.15E-04	4.44E-04	1.96E-03	1.86E-03	0.03	8.39E-04	3.89E-04
67	3.489E-02		8.56E-04	4.59E-04	2.27E-03	1.95E-03	0.03	9.66E-04	4.06E-04
68	3.713E-02		1.42E-03	4.67E-04	2.92E-03	2.00E-03	0.03	1.25E-03	4.15E-04
69	3.729E-02		1.43E-03	4.69E-04	2.94E-03	2.01E-03	0.03	1.25E-03	4.17E-04
70	1.914E-02		2.30E-04	2.67E-04	9.86E-04	1.12E-03	0.02	4.54E-04	2.30E-04
71	2.153E-02		2.54E-04	3.09E-04	1.14E-03	1.25E-03	0.02	5.38E-04	2.58E-04
72	2.429E-02		2.82E-04	3.58E-04	1.32E-03	1.40E-03	0.02	6.31E-04	2.90E-04
73	2.738E-02		3.16E-04	4.08E-04	1.51E-03	1.57E-03	0.02	7.18E-04	3.27E-04
74	3.072E-02		3.59E-04	4.55E-04	1.70E-03	1.74E-03	0.03	7.91E-04	3.67E-04
75	3.408E-02		4.15E-04	4.93E-04	1.89E-03	1.92E-03	0.03	8.52E-04	4.07E-04
76	3.713E-02		4.96E-04	5.24E-04	2.07E-03	2.09E-03	0.03	9.09E-04	4.43E-04
77	3.962E-02		6.22E-04	5.47E-04	2.28E-03	2.22E-03	0.03	9.82E-04	4.71E-04
78	4.156E-02		8.54E-04	5.61E-04	2.59E-03	2.30E-03	0.03	1.10E-03	4.88E-04
79	4.356E-02		1.40E-03	5.69E-04	3.22E-03	2.34E-03	0.03	1.38E-03	4.95E-04
80	4.338E-02		1.41E-03	5.69E-04	3.23E-03	2.34E-03	0.03	1.37E-03	4.92E-04
81	2.188E-02		2.47E-04	3.17E-04	1.15E-03	1.26E-03	0.02	5.56E-04	2.62E-04
82	2.507E-02		2.73E-04	3.79E-04	1.37E-03	1.43E-03	0.02	6.89E-04	2.99E-04
83	2.883E-02		3.03E-04	4.53E-04	1.63E-03	1.62E-03	0.02	8.32E-04	3.43E-04
84	3.310E-02		3.38E-04	5.25E-04	1.90E-03	1.84E-03	0.03	9.49E-04	3.93E-04
85	3.772E-02		3.81E-04	5.86E-04	2.14E-03	2.09E-03	0.03	1.03E-03	4.50E-04
86	4.228E-02		4.35E-04	6.34E-04	2.35E-03	2.33E-03	0.03	1.08E-03	5.06E-04
87	4.611E-02		5.11E-04	6.68E-04	2.54E-03	2.54E-03	0.04	1.13E-03	5.53E-04
88	4.879E-02		6.29E-04	6.93E-04	2.75E-03	2.69E-03	0.04	1.19E-03	5.83E-04
89	5.049E-02		8.48E-04	7.07E-04	3.04E-03	2.76E-03	0.04	1.30E-03	5.98E-04
90	5.199E-02		1.37E-03	7.13E-04	3.64E-03	2.78E-03	0.04	1.56E-03	5.99E-04
91	5.123E-02		1.37E-03	7.09E-04	3.63E-03	2.75E-03	0.04	1.54E-03	5.89E-04
92	2.532E-02		2.68E-04	3.86E-04	1.38E-03	1.43E-03	0.02	7.19E-04	3.02E-04
93	2.977E-02		2.96E-04	4.90E-04	1.74E-03	1.65E-03	0.02	9.73E-04	3.52E-04
94	3.519E-02		3.29E-04	6.15E-04	2.17E-03	1.91E-03	0.03	1.22E-03	4.13E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
95	4.142E-02		3.65E-04	7.23E-04	2.55E-03	2.23E-03	0.03	1.37E-03	4.88E-04
96	4.826E-02		4.07E-04	8.00E-04	2.84E-03	2.58E-03	0.04	1.44E-03	5.74E-04
97	5.478E-02		4.59E-04	8.56E-04	3.08E-03	2.92E-03	0.05	1.47E-03	6.57E-04
98	5.945E-02		5.28E-04	8.94E-04	3.27E-03	3.19E-03	0.05	1.49E-03	7.15E-04
99	6.185E-02		6.35E-04	9.19E-04	3.47E-03	3.33E-03	0.05	1.54E-03	7.42E-04
100	6.277E-02		8.34E-04	9.32E-04	3.74E-03	3.37E-03	0.05	1.64E-03	7.46E-04
101	6.340E-02		1.32E-03	9.36E-04	4.29E-03	3.35E-03	0.05	1.86E-03	7.38E-04
102	6.173E-02		1.28E-03	9.26E-04	4.23E-03	3.28E-03	0.05	1.80E-03	7.18E-04
103	5.102E-02		3.91E-04	1.01E-03	3.50E-03	2.64E-03	0.04	1.71E-03	5.97E-04
104	6.130E-02		4.33E-04	1.10E-03	3.85E-03	3.16E-03	0.05	1.76E-03	7.29E-04
105	7.318E-02		4.86E-04	1.21E-03	4.25E-03	3.76E-03	0.06	1.84E-03	8.81E-04
106	7.766E-02		5.49E-04	1.25E-03	4.43E-03	4.03E-03	0.06	1.85E-03	9.37E-04
107	8.106E-02		6.41E-04	1.33E-03	4.81E-03	4.21E-03	0.07	1.97E-03	9.73E-04
108	8.028E-02		8.08E-04	1.34E-03	5.03E-03	4.18E-03	0.07	2.06E-03	9.55E-04
109	7.985E-02		1.22E-03	1.34E-03	5.49E-03	4.10E-03	0.06	2.47E-03	9.32E-04
110	7.675E-02		1.03E-03	1.32E-03	5.25E-03	3.99E-03	0.06	2.24E-03	8.99E-04
111	4.236E-02		3.54E-04	8.70E-04	3.02E-03	2.22E-03	0.03	1.58E-03	4.90E-04
112	3.403E-02		3.16E-04	6.28E-04	2.19E-03	1.84E-03	0.03	1.16E-03	3.98E-04
113	5.970E-03		8.29E-05	7.11E-05	2.77E-04	3.77E-04	0.00	1.04E-04	7.23E-05
114	5.435E-03		7.55E-05	6.46E-05	2.50E-04	3.43E-04	0.00	9.40E-05	6.58E-05
115	4.955E-03		6.91E-05	5.88E-05	2.27E-04	3.12E-04	0.00	8.51E-05	6.00E-05
116	4.527E-03		6.35E-05	5.37E-05	2.07E-04	2.85E-04	0.00	7.74E-05	5.49E-05
117	6.181E-03		8.47E-05	7.35E-05	2.85E-04	3.89E-04	0.01	1.07E-04	7.49E-05
118	5.586E-03		7.69E-05	6.63E-05	2.56E-04	3.52E-04	0.00	9.60E-05	6.77E-05
119	5.063E-03		7.01E-05	6.00E-05	2.31E-04	3.19E-04	0.00	8.65E-05	6.14E-05
120	4.603E-03		6.43E-05	5.45E-05	2.10E-04	2.90E-04	0.00	7.84E-05	5.58E-05
121	6.361E-03		8.62E-05	7.55E-05	2.92E-04	4.00E-04	0.01	1.09E-04	7.71E-05
122	5.710E-03		7.80E-05	6.77E-05	2.61E-04	3.60E-04	0.00	9.76E-05	6.92E-05
123	5.147E-03		7.09E-05	6.09E-05	2.34E-04	3.25E-04	0.00	8.76E-05	6.24E-05
124	4.660E-03		6.49E-05	5.51E-05	2.12E-04	2.95E-04	0.00	7.90E-05	5.65E-05
125	6.504E-03		8.74E-05	7.71E-05	2.97E-04	4.10E-04	0.01	1.11E-04	7.89E-05
126	5.805E-03		7.88E-05	6.87E-05	2.64E-04	3.67E-04	0.00	9.87E-05	7.04E-05

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
127	5.209E-03		7.15E-05	6.16E-05	2.37E-04	3.30E-04	0.00	8.83E-05	6.32E-05
128	4.701E-03		6.53E-05	5.56E-05	2.13E-04	2.99E-04	0.00	7.95E-05	5.70E-05
129	6.610E-03		8.82E-05	7.82E-05	3.00E-04	4.18E-04	0.01	1.12E-04	8.02E-05
130	5.872E-03		7.94E-05	6.94E-05	2.66E-04	3.72E-04	0.00	9.94E-05	7.12E-05
131	5.252E-03		7.19E-05	6.21E-05	2.38E-04	3.34E-04	0.00	8.88E-05	6.37E-05
132	4.728E-03		6.55E-05	5.59E-05	2.14E-04	3.02E-04	0.00	7.98E-05	5.73E-05
133	6.684E-03		8.86E-05	7.90E-05	3.02E-04	4.24E-04	0.01	1.13E-04	8.11E-05
134	5.918E-03		7.96E-05	6.99E-05	2.68E-04	3.76E-04	0.00	9.99E-05	7.18E-05
135	5.281E-03		7.20E-05	6.24E-05	2.39E-04	3.37E-04	0.00	8.90E-05	6.40E-05
136	4.746E-03		6.55E-05	5.61E-05	2.15E-04	3.03E-04	0.00	8.00E-05	5.75E-05
137	6.732E-03		8.85E-05	7.96E-05	3.04E-04	4.28E-04	0.01	1.13E-04	8.17E-05
138	5.299E-03		7.18E-05	6.27E-05	2.39E-04	3.39E-04	0.00	8.90E-05	6.43E-05
139	4.758E-03		6.53E-05	5.63E-05	2.15E-04	3.04E-04	0.00	7.99E-05	5.77E-05
140	6.756E-03		8.57E-05	7.96E-05	3.00E-04	4.30E-04	0.01	1.11E-04	8.21E-05
141	5.954E-03		7.72E-05	7.02E-05	2.65E-04	3.80E-04	0.00	9.81E-05	7.23E-05
142	5.298E-03		7.00E-05	6.25E-05	2.36E-04	3.38E-04	0.00	8.74E-05	6.43E-05
143	4.753E-03		6.38E-05	5.61E-05	2.12E-04	3.04E-04	0.00	7.85E-05	5.77E-05
144	6.720E-03		8.41E-05	7.90E-05	2.96E-04	4.30E-04	0.01	1.09E-04	8.17E-05
145	5.923E-03		7.60E-05	6.96E-05	2.61E-04	3.79E-04	0.00	9.66E-05	7.20E-05
146	5.271E-03		6.90E-05	6.20E-05	2.33E-04	3.38E-04	0.00	8.62E-05	6.40E-05
147	4.729E-03		6.30E-05	5.57E-05	2.10E-04	3.03E-04	0.00	7.75E-05	5.74E-05
148	6.655E-03		8.25E-05	7.80E-05	2.90E-04	4.29E-04	0.01	1.07E-04	8.10E-05
149	5.869E-03		7.46E-05	6.88E-05	2.57E-04	3.78E-04	0.00	9.47E-05	7.14E-05
150	5.224E-03		6.79E-05	6.13E-05	2.30E-04	3.37E-04	0.00	8.47E-05	6.35E-05
151	4.689E-03		6.21E-05	5.51E-05	2.07E-04	3.02E-04	0.00	7.63E-05	5.69E-05
152	6.556E-03		8.07E-05	7.64E-05	2.84E-04	4.26E-04	0.01	1.04E-04	7.98E-05
153	5.788E-03		7.31E-05	6.77E-05	2.52E-04	3.76E-04	0.00	9.24E-05	7.04E-05
154	5.158E-03		6.67E-05	6.04E-05	2.26E-04	3.36E-04	0.00	8.28E-05	6.27E-05
155	4.632E-03		6.11E-05	5.43E-05	2.04E-04	3.01E-04	0.00	7.48E-05	5.62E-05
156	6.415E-03		7.90E-05	7.44E-05	2.75E-04	4.20E-04	0.01	1.00E-04	7.81E-05
157	5.678E-03		7.16E-05	6.61E-05	2.45E-04	3.72E-04	0.00	8.96E-05	6.90E-05
158	5.068E-03		6.54E-05	5.92E-05	2.20E-04	3.33E-04	0.00	8.06E-05	6.16E-05

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
159	4.558E-03		6.00E-05	5.33E-05	1.99E-04	2.99E-04	0.00	7.30E-05	5.53E-05
160	6.225E-03		7.73E-05	7.18E-05	2.65E-04	4.10E-04	0.01	9.60E-05	7.58E-05
161	5.531E-03		7.02E-05	6.41E-05	2.37E-04	3.65E-04	0.00	8.62E-05	6.73E-05
162	4.952E-03		6.41E-05	5.76E-05	2.14E-04	3.27E-04	0.00	7.80E-05	6.02E-05
163	4.463E-03		5.89E-05	5.21E-05	1.94E-04	2.95E-04	0.00	7.09E-05	5.42E-05
164	5.984E-03		7.56E-05	6.88E-05	2.54E-04	3.95E-04	0.01	9.15E-05	7.28E-05
165	5.345E-03		6.87E-05	6.17E-05	2.28E-04	3.54E-04	0.00	8.26E-05	6.50E-05
166	4.799E-03		6.28E-05	5.56E-05	2.07E-04	3.19E-04	0.00	7.49E-05	5.83E-05
167	4.341E-03		5.77E-05	5.05E-05	1.88E-04	2.89E-04	0.00	6.84E-05	5.27E-05
168	5.698E-03		7.39E-05	6.55E-05	2.42E-04	3.76E-04	0.00	8.69E-05	6.93E-05
169	5.120E-03		6.72E-05	5.90E-05	2.18E-04	3.40E-04	0.00	7.87E-05	6.22E-05
170	4.621E-03		6.15E-05	5.34E-05	1.98E-04	3.08E-04	0.00	7.17E-05	5.61E-05
171	4.199E-03		5.65E-05	4.87E-05	1.81E-04	2.81E-04	0.00	6.57E-05	5.09E-05
172	5.383E-03		7.20E-05	6.20E-05	2.29E-04	3.54E-04	0.00	8.23E-05	6.55E-05
173	4.866E-03		6.56E-05	5.62E-05	2.08E-04	3.22E-04	0.00	7.49E-05	5.91E-05
174	4.417E-03		6.01E-05	5.11E-05	1.90E-04	2.94E-04	0.00	6.85E-05	5.36E-05
175	4.034E-03		5.53E-05	4.67E-05	1.74E-04	2.70E-04	0.00	6.30E-05	4.89E-05
176	5.056E-03		7.00E-05	5.86E-05	2.17E-04	3.31E-04	0.00	7.80E-05	6.14E-05
177	4.595E-03		6.39E-05	5.32E-05	1.98E-04	3.03E-04	0.00	7.11E-05	5.58E-05
178	4.194E-03		5.87E-05	4.86E-05	1.81E-04	2.78E-04	0.00	6.52E-05	5.09E-05
179	3.849E-03		5.41E-05	4.47E-05	1.67E-04	2.56E-04	0.00	6.02E-05	4.67E-05
180	4.730E-03		6.77E-05	5.52E-05	2.05E-04	3.07E-04	0.00	7.38E-05	5.74E-05
181	4.318E-03		6.21E-05	5.03E-05	1.88E-04	2.83E-04	0.00	6.76E-05	5.24E-05
182	3.961E-03		5.71E-05	4.61E-05	1.72E-04	2.61E-04	0.00	6.21E-05	4.80E-05
183	3.653E-03		5.27E-05	4.25E-05	1.59E-04	2.42E-04	0.00	5.74E-05	4.43E-05
184	6.318E-03		8.11E-05	7.24E-05	2.67E-04	4.14E-04	0.01	9.56E-05	7.70E-05
185	5.617E-03		8.07E-05	6.59E-05	2.44E-04	3.56E-04	0.00	8.76E-05	6.83E-05
186	5.074E-03		7.34E-05	5.95E-05	2.21E-04	3.25E-04	0.00	7.95E-05	6.17E-05
187	4.614E-03		6.70E-05	5.40E-05	2.01E-04	2.98E-04	0.00	7.24E-05	5.60E-05
188	4.217E-03		6.16E-05	4.93E-05	1.84E-04	2.75E-04	0.00	6.64E-05	5.12E-05
189	5.757E-03		8.42E-05	6.80E-05	2.51E-04	3.58E-04	0.00	9.05E-05	7.01E-05
190	5.191E-03		7.67E-05	6.13E-05	2.28E-04	3.26E-04	0.00	8.21E-05	6.31E-05

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
191	4.713E-03		7.01E-05	5.57E-05	2.07E-04	2.99E-04	0.00	7.48E-05	5.72E-05
192	4.304E-03		6.43E-05	5.08E-05	1.89E-04	2.76E-04	0.00	6.85E-05	5.22E-05
193	3.947E-03		5.93E-05	4.65E-05	1.74E-04	2.55E-04	0.00	6.29E-05	4.78E-05
194	5.299E-03		7.94E-05	6.30E-05	2.33E-04	3.27E-04	0.00	8.42E-05	6.44E-05
195	4.804E-03		7.26E-05	5.71E-05	2.12E-04	3.00E-04	0.00	7.68E-05	5.84E-05
196	4.380E-03		6.67E-05	5.20E-05	1.94E-04	2.76E-04	0.00	7.04E-05	5.31E-05
197	4.010E-03		6.15E-05	4.76E-05	1.78E-04	2.55E-04	0.00	6.46E-05	4.86E-05
198	3.696E-03		5.69E-05	4.38E-05	1.64E-04	2.37E-04	0.00	5.97E-05	4.48E-05
199	4.895E-03		7.45E-05	5.83E-05	2.17E-04	3.01E-04	0.00	7.83E-05	5.95E-05
200	4.458E-03		6.84E-05	5.32E-05	1.99E-04	2.77E-04	0.00	7.18E-05	5.41E-05
201	4.078E-03		6.32E-05	4.87E-05	1.82E-04	2.55E-04	0.00	6.61E-05	4.95E-05
202	3.748E-03		5.85E-05	4.47E-05	1.68E-04	2.37E-04	0.00	6.10E-05	4.54E-05
203	3.463E-03		5.45E-05	4.13E-05	1.56E-04	2.20E-04	0.00	5.65E-05	4.19E-05
204	6.751E-03		1.03E-04	8.03E-05	2.95E-04	4.04E-04	0.01	1.04E-04	8.24E-05
205	4.540E-03		7.00E-05	5.42E-05	2.02E-04	2.78E-04	0.00	7.29E-05	5.52E-05
206	4.152E-03		6.45E-05	4.96E-05	1.86E-04	2.57E-04	0.00	6.72E-05	5.04E-05
207	3.807E-03		5.97E-05	4.55E-05	1.71E-04	2.37E-04	0.00	6.21E-05	4.62E-05
208	3.512E-03		5.55E-05	4.20E-05	1.58E-04	2.20E-04	0.00	5.76E-05	4.25E-05
209	6.113E-03		9.47E-05	7.29E-05	2.69E-04	3.68E-04	0.01	9.54E-05	7.45E-05
210	5.553E-03		8.58E-05	6.61E-05	2.45E-04	3.35E-04	0.00	8.72E-05	6.76E-05
211	5.055E-03		7.81E-05	6.02E-05	2.24E-04	3.06E-04	0.00	8.00E-05	6.15E-05
212	4.616E-03		7.14E-05	5.50E-05	2.05E-04	2.81E-04	0.00	7.36E-05	5.61E-05
213	4.226E-03		6.57E-05	5.04E-05	1.89E-04	2.59E-04	0.00	6.79E-05	5.13E-05
214	3.878E-03		6.08E-05	4.63E-05	1.74E-04	2.39E-04	0.00	6.29E-05	4.71E-05
215	3.571E-03		5.64E-05	4.27E-05	1.61E-04	2.22E-04	0.00	5.84E-05	4.33E-05
216	5.955E-03		9.82E-05	7.17E-05	2.66E-04	3.66E-04	0.00	9.48E-05	7.23E-05
217	5.495E-03		8.93E-05	6.59E-05	2.45E-04	3.36E-04	0.00	8.75E-05	6.67E-05
218	5.061E-03		8.15E-05	6.05E-05	2.26E-04	3.08E-04	0.00	8.08E-05	6.15E-05
219	4.671E-03		7.46E-05	5.57E-05	2.09E-04	2.84E-04	0.00	7.47E-05	5.68E-05
220	4.310E-03		6.85E-05	5.14E-05	1.93E-04	2.63E-04	0.00	6.91E-05	5.24E-05
221	3.981E-03		6.31E-05	4.74E-05	1.78E-04	2.43E-04	0.00	6.41E-05	4.84E-05
222	5.385E-03		9.02E-05	6.49E-05	2.42E-04	3.34E-04	0.00	8.66E-05	6.52E-05

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
223	4.996E-03		8.26E-05	6.00E-05	2.25E-04	3.08E-04	0.00	8.04E-05	6.06E-05
224	4.635E-03		7.59E-05	5.55E-05	2.08E-04	2.84E-04	0.00	7.47E-05	5.62E-05
225	4.304E-03		6.98E-05	5.14E-05	1.93E-04	2.63E-04	0.00	6.94E-05	5.22E-05
226	3.993E-03		6.43E-05	4.76E-05	1.79E-04	2.44E-04	0.00	6.45E-05	4.85E-05
227	4.895E-03		8.31E-05	5.91E-05	2.22E-04	3.06E-04	0.00	7.94E-05	5.92E-05
228	4.564E-03		7.66E-05	5.49E-05	2.07E-04	2.83E-04	0.00	7.42E-05	5.53E-05
229	4.260E-03		7.08E-05	5.11E-05	1.93E-04	2.62E-04	0.00	6.93E-05	5.16E-05
230	3.971E-03		6.54E-05	4.75E-05	1.79E-04	2.44E-04	0.00	6.46E-05	4.81E-05
231	4.468E-03		7.67E-05	5.39E-05	2.03E-04	2.81E-04	0.00	7.30E-05	5.40E-05
232	4.191E-03		7.12E-05	5.05E-05	1.91E-04	2.61E-04	0.00	6.86E-05	5.07E-05
233	3.929E-03		6.61E-05	4.72E-05	1.79E-04	2.43E-04	0.00	6.44E-05	4.76E-05
234	3.680E-03		6.14E-05	4.41E-05	1.67E-04	2.27E-04	0.00	6.03E-05	4.46E-05
235	4.100E-03		7.10E-05	4.95E-05	1.88E-04	2.60E-04	0.00	6.75E-05	4.95E-05
236	3.863E-03		6.62E-05	4.65E-05	1.76E-04	2.42E-04	0.00	6.36E-05	4.67E-05
237	3.634E-03		6.18E-05	4.37E-05	1.66E-04	2.26E-04	0.00	5.99E-05	4.39E-05
238	3.420E-03		5.77E-05	4.10E-05	1.56E-04	2.12E-04	0.00	5.64E-05	4.14E-05
239	3.779E-03		6.58E-05	4.56E-05	1.73E-04	2.41E-04	0.00	6.25E-05	4.56E-05
240	3.573E-03		6.17E-05	4.31E-05	1.64E-04	2.25E-04	0.00	5.91E-05	4.31E-05
241	3.373E-03		5.78E-05	4.06E-05	1.55E-04	2.11E-04	0.00	5.59E-05	4.08E-05
242	3.188E-03		5.42E-05	3.83E-05	1.46E-04	1.98E-04	0.00	5.29E-05	3.85E-05
243	4.633E-03		9.76E-05	5.77E-05	2.23E-04	3.71E-04	0.00	8.03E-05	5.43E-05
244	4.646E-03		9.40E-05	5.76E-05	2.21E-04	3.55E-04	0.00	7.92E-05	5.48E-05
245	4.599E-03		8.96E-05	5.66E-05	2.16E-04	3.37E-04	0.00	7.74E-05	5.46E-05
246	4.495E-03		8.48E-05	5.50E-05	2.09E-04	3.17E-04	0.00	7.49E-05	5.36E-05
247	4.343E-03		7.97E-05	5.29E-05	2.01E-04	2.97E-04	0.00	7.20E-05	5.20E-05
248	4.165E-03		7.49E-05	5.06E-05	1.92E-04	2.78E-04	0.00	6.89E-05	5.00E-05
249	3.970E-03		7.04E-05	4.81E-05	1.83E-04	2.59E-04	0.00	6.57E-05	4.78E-05
250	4.250E-03		8.83E-05	5.26E-05	2.04E-04	3.39E-04	0.00	7.36E-05	4.99E-05
251	4.255E-03		8.53E-05	5.24E-05	2.02E-04	3.25E-04	0.00	7.26E-05	5.03E-05
252	4.210E-03		8.15E-05	5.16E-05	1.98E-04	3.08E-04	0.00	7.10E-05	5.00E-05
253	4.117E-03		7.74E-05	5.03E-05	1.92E-04	2.91E-04	0.00	6.89E-05	4.91E-05
254	3.984E-03		7.31E-05	4.84E-05	1.85E-04	2.74E-04	0.00	6.63E-05	4.77E-05

Shiolh Business Park
Unmitigated - Risk Summary

			Construction PM2.5						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
255	3.830E-03		6.89E-05	4.64E-05	1.77E-04	2.56E-04	0.00	6.36E-05	4.60E-05
256	3.658E-03		6.50E-05	4.43E-05	1.69E-04	2.40E-04	0.00	6.08E-05	4.40E-05
257	3.916E-03		8.05E-05	4.82E-05	1.88E-04	3.11E-04	0.00	6.79E-05	4.60E-05
258	3.915E-03		7.78E-05	4.81E-05	1.86E-04	2.98E-04	0.00	6.69E-05	4.63E-05
259	3.872E-03		7.46E-05	4.73E-05	1.82E-04	2.84E-04	0.00	6.55E-05	4.60E-05
260	3.789E-03		7.10E-05	4.61E-05	1.77E-04	2.68E-04	0.00	6.36E-05	4.52E-05
261	3.673E-03		6.73E-05	4.46E-05	1.70E-04	2.53E-04	0.00	6.14E-05	4.40E-05
262	3.538E-03		6.37E-05	4.28E-05	1.64E-04	2.38E-04	0.00	5.90E-05	4.24E-05
263	3.388E-03		6.03E-05	4.10E-05	1.56E-04	2.23E-04	0.00	5.65E-05	4.07E-05
264	3.625E-03		7.38E-05	4.45E-05	1.73E-04	2.87E-04	0.00	6.28E-05	4.26E-05
265	3.618E-03		7.14E-05	4.43E-05	1.71E-04	2.75E-04	0.00	6.20E-05	4.28E-05
266	3.576E-03		6.86E-05	4.36E-05	1.68E-04	2.62E-04	0.00	6.07E-05	4.25E-05
267	3.503E-03		6.55E-05	4.26E-05	1.63E-04	2.48E-04	0.00	5.90E-05	4.18E-05
268	3.403E-03		6.23E-05	4.12E-05	1.58E-04	2.34E-04	0.00	5.70E-05	4.07E-05
269	3.283E-03		5.91E-05	3.97E-05	1.52E-04	2.21E-04	0.00	5.49E-05	3.94E-05
270	3.150E-03		5.61E-05	3.81E-05	1.46E-04	2.08E-04	0.00	5.27E-05	3.79E-05
271	3.366E-03		6.80E-05	4.11E-05	1.61E-04	2.65E-04	0.00	5.84E-05	3.96E-05
272	3.356E-03		6.59E-05	4.09E-05	1.59E-04	2.54E-04	0.00	5.76E-05	3.97E-05
273	3.317E-03		6.34E-05	4.03E-05	1.56E-04	2.43E-04	0.00	5.64E-05	3.94E-05
274	3.250E-03		6.06E-05	3.94E-05	1.52E-04	2.30E-04	0.00	5.49E-05	3.88E-05
275	3.161E-03		5.78E-05	3.83E-05	1.47E-04	2.18E-04	0.00	5.32E-05	3.78E-05
276	3.056E-03		5.50E-05	3.69E-05	1.42E-04	2.06E-04	0.00	5.13E-05	3.66E-05
277	2.938E-03		5.23E-05	3.55E-05	1.36E-04	1.95E-04	0.00	4.93E-05	3.53E-05
278	2.869E-03		2.43E-04	2.89E-05	3.26E-04	2.18E-04	0.00	1.39E-04	2.73E-05
279	2.882E-03		2.18E-04	2.99E-05	3.01E-04	2.31E-04	0.00	1.27E-04	2.82E-05
280	2.990E-03		1.78E-04	3.26E-05	2.63E-04	2.63E-04	0.00	1.09E-04	3.06E-05
281	2.921E-03		1.66E-04	3.20E-05	2.48E-04	2.61E-04	0.00	1.02E-04	3.02E-05
282	3.147E-03		1.65E-04	3.51E-05	2.52E-04	2.89E-04	0.00	1.03E-04	3.29E-05
283	2.734E-03		1.69E-04	2.95E-05	2.47E-04	2.36E-04	0.00	1.03E-04	2.79E-05

Shiolh Business Park
Unmitigated - Risk Summary

		Truck Operational PM2.5							
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Haul1**	**Haul2**	**Haul3**	**Idle**	
		0.0015	**278**	**<-Max**	**0.00064**	**0.00153**	**0.00031**	**0.00106**	**Residential**
		0.01581	**109**		**0.00366**	**0.00032**	**0.01107**	**0.01581**	**School**
1	**1**	0.0002			2.81E-05	1.52E-04	5.19E-05	1.9639E-04	
2	**2**	0.0002			2.95E-05	1.74E-04	5.50E-05	2.0855E-04	
3	**3**	0.0002			3.11E-05	2.01E-04	5.86E-05	2.2229E-04	
4	**4**	0.0002			3.28E-05	2.38E-04	6.24E-05	2.3731E-04	
5	**5**	0.0003			3.46E-05	2.87E-04	6.68E-05	2.5434E-04	
6	**6**	0.0002			2.80E-05	1.51E-04	5.15E-05	1.9493E-04	
7	**7**	0.0002			2.95E-05	1.72E-04	5.46E-05	2.0696E-04	
8	**8**	0.0002			3.10E-05	1.99E-04	5.81E-05	2.2042E-04	
9	**9**	0.0002			3.27E-05	2.35E-04	6.21E-05	2.3581E-04	
10	**10**	0.0003			3.46E-05	2.84E-04	6.64E-05	2.5278E-04	
11	**11**	0.0002			2.80E-05	1.49E-04	5.11E-05	1.9335E-04	
12	**12**	0.0002			2.94E-05	1.69E-04	5.42E-05	2.0538E-04	
13	**13**	0.0002			3.09E-05	1.96E-04	5.77E-05	2.1890E-04	
14	**14**	0.0002			3.27E-05	2.32E-04	6.17E-05	2.3442E-04	
15	**15**	0.0003			3.45E-05	2.80E-04	6.61E-05	2.5147E-04	
16	**16**	0.0002			2.79E-05	1.46E-04	5.07E-05	1.9191E-04	
17	**17**	0.0002			2.93E-05	1.67E-04	5.39E-05	2.0406E-04	
18	**18**	0.0002			3.09E-05	1.93E-04	5.74E-05	2.1758E-04	
19	**19**	0.0002			3.25E-05	2.27E-04	6.13E-05	2.3260E-04	
20	**20**	0.0003			3.44E-05	2.76E-04	6.57E-05	2.4986E-04	
21	**21**	0.0002			2.78E-05	1.44E-04	5.04E-05	1.9073E-04	
22	**22**	0.0002			2.93E-05	1.64E-04	5.36E-05	2.0288E-04	
23	**23**	0.0002			3.08E-05	1.90E-04	5.71E-05	2.1648E-04	
24	**24**	0.0002			3.25E-05	2.25E-04	6.10E-05	2.3168E-04	
25	**25**	0.0003			3.42E-05	2.71E-04	6.54E-05	2.4859E-04	
26	**26**	0.0020			3.74E-04	2.12E-04	5.59E-04	1.9649E-03	
27	**27**	0.0021			4.34E-04	2.14E-04	6.04E-04	2.1107E-03	
28	**28**	0.0023			5.11E-04	2.16E-04	6.54E-04	2.2673E-03	
29	**29**	0.0024			6.14E-04	2.17E-04	7.08E-04	2.4331E-03	
30	**30**	0.0026			7.57E-04	2.18E-04	7.67E-04	2.6060E-03	

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
31	**31**	0.0028	9.57E-04	2.18E-04	8.30E-04	2.7845E-03
32	**32**	0.0030	1.24E-03	2.18E-04	8.97E-04	2.9679E-03
33	**33**	0.0032	1.67E-03	2.17E-04	9.67E-04	3.1538E-03
34	**34**	0.0033	2.34E-03	2.17E-04	1.04E-03	3.3345E-03
35	**35**	0.0037	3.66E-03	2.15E-04	1.11E-03	3.4950E-03
36	**36**	0.0036	3.29E-03	2.13E-04	1.18E-03	3.6168E-03
37	**37**	0.0022	3.77E-04	2.23E-04	6.11E-04	2.1510E-03
38	**38**	0.0023	4.37E-04	2.25E-04	6.64E-04	2.3234E-03
39	**39**	0.0025	5.14E-04	2.27E-04	7.24E-04	2.5104E-03
40	**40**	0.0027	6.17E-04	2.28E-04	7.89E-04	2.7104E-03
41	**41**	0.0029	7.55E-04	2.29E-04	8.61E-04	2.9211E-03
42	**42**	0.0031	9.43E-04	2.29E-04	9.39E-04	3.1401E-03
43	**43**	0.0034	1.21E-03	2.29E-04	1.02E-03	3.3662E-03
44	**44**	0.0036	1.59E-03	2.28E-04	1.11E-03	3.5969E-03
45	**45**	0.0038	2.19E-03	2.27E-04	1.21E-03	3.8219E-03
46	**46**	0.0040	3.41E-03	2.25E-04	1.30E-03	4.0193E-03
47	**47**	0.0042	3.20E-03	2.23E-04	1.38E-03	4.1613E-03
48	**48**	0.0024	3.78E-04	2.35E-04	6.69E-04	2.3644E-03
49	**49**	0.0026	4.38E-04	2.37E-04	7.33E-04	2.5701E-03
50	**50**	0.0028	5.15E-04	2.39E-04	8.05E-04	2.7957E-03
51	**51**	0.0030	6.15E-04	2.40E-04	8.85E-04	3.0400E-03
52	**52**	0.0033	7.46E-04	2.40E-04	9.74E-04	3.3007E-03
53	**53**	0.0036	9.22E-04	2.41E-04	1.07E-03	3.5747E-03
54	**54**	0.0039	1.16E-03	2.40E-04	1.18E-03	3.8596E-03
55	**55**	0.0042	1.51E-03	2.39E-04	1.30E-03	4.1527E-03
56	**56**	0.0044	2.08E-03	2.38E-04	1.42E-03	4.4402E-03
57	**57**	0.0047	3.27E-03	2.36E-04	1.55E-03	4.6886E-03
58	**58**	0.0049	3.12E-03	2.33E-04	1.66E-03	4.8544E-03
59	**59**	0.0026	3.78E-04	2.47E-04	7.36E-04	2.6102E-03
60	**60**	0.0029	4.37E-04	2.50E-04	8.12E-04	2.8577E-03
61	**61**	0.0031	5.12E-04	2.52E-04	8.99E-04	3.1328E-03
62	**62**	0.0034	6.08E-04	2.53E-04	9.98E-04	3.4353E-03

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
63	**63**	0.0038	7.32E-04	2.54E-04	1.11E-03	3.7636E-03
64	**64**	0.0041	8.96E-04	2.54E-04	1.24E-03	4.1142E-03
65	**65**	0.0045	1.12E-03	2.53E-04	1.38E-03	4.4831E-03
66	**66**	0.0049	1.45E-03	2.52E-04	1.54E-03	4.8668E-03
67	**67**	0.0052	1.99E-03	2.50E-04	1.71E-03	5.2467E-03
68	**68**	0.0056	3.15E-03	2.47E-04	1.89E-03	5.5686E-03
69	**69**	0.0058	3.02E-03	2.44E-04	2.05E-03	5.7604E-03
70	**70**	0.0029	3.77E-04	2.61E-04	8.11E-04	2.8939E-03
71	**71**	0.0032	4.34E-04	2.64E-04	9.03E-04	3.1947E-03
72	**72**	0.0035	5.06E-04	2.66E-04	1.01E-03	3.5341E-03
73	**73**	0.0039	5.97E-04	2.67E-04	1.13E-03	3.9139E-03
74	**74**	0.0043	7.13E-04	2.68E-04	1.28E-03	4.3351E-03
75	**75**	0.0048	8.66E-04	2.68E-04	1.44E-03	4.7959E-03
76	**76**	0.0053	1.08E-03	2.67E-04	1.64E-03	5.2899E-03
77	**77**	0.0058	1.38E-03	2.65E-04	1.86E-03	5.8123E-03
78	**78**	0.0063	1.90E-03	2.63E-04	2.11E-03	6.3374E-03
79	**79**	0.0068	3.03E-03	2.60E-04	2.38E-03	6.7712E-03
80	**80**	0.0070	2.90E-03	2.56E-04	2.64E-03	6.9835E-03
81	**81**	0.0032	3.74E-04	2.76E-04	8.96E-04	3.2215E-03
82	**82**	0.0036	4.29E-04	2.79E-04	1.01E-03	3.5904E-03
83	**83**	0.0040	4.97E-04	2.81E-04	1.14E-03	4.0143E-03
84	**84**	0.0045	5.82E-04	2.83E-04	1.29E-03	4.4987E-03
85	**85**	0.0051	6.91E-04	2.84E-04	1.48E-03	5.0502E-03
86	**86**	0.0057	8.32E-04	2.83E-04	1.70E-03	5.6739E-03
87	**87**	0.0064	1.03E-03	2.82E-04	1.97E-03	6.3646E-03
88	**88**	0.0071	1.32E-03	2.80E-04	2.30E-03	7.1143E-03
89	**89**	0.0079	1.81E-03	2.77E-04	2.69E-03	7.8869E-03
90	**90**	0.0085	2.88E-03	2.73E-04	3.15E-03	8.5026E-03
91	**91**	0.0087	2.74E-03	2.68E-04	3.61E-03	8.6998E-03
92	**92**	0.0036	3.69E-04	2.93E-04	9.92E-04	3.5996E-03
93	**93**	0.0041	4.22E-04	2.97E-04	1.13E-03	4.0552E-03
94	**94**	0.0046	4.86E-04	2.99E-04	1.29E-03	4.5905E-03

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
95	**95**	0.0052	5.65E-04	3.00E-04	1.48E-03	5.2180E-03
96	**96**	0.0060	6.65E-04	3.01E-04	1.73E-03	5.9559E-03
97	**97**	0.0068	7.94E-04	3.01E-04	2.03E-03	6.8280E-03
98	**98**	0.0078	9.72E-04	2.99E-04	2.41E-03	7.8467E-03
99	**99**	0.0090	1.24E-03	2.97E-04	2.91E-03	9.0052E-03
100	**100**	0.0103	1.69E-03	2.93E-04	3.58E-03	1.0251E-02
101	**101**	0.0112	2.69E-03	2.88E-04	4.49E-03	1.1186E-02
102	**102**	0.0112	2.47E-03	2.82E-04	5.51E-03	1.1210E-02
103	**103**	0.0059	5.48E-04	3.16E-04	1.66E-03	5.8988E-03
104	**104**	0.0068	6.38E-04	3.17E-04	1.96E-03	6.8441E-03
105	**105**	0.0082	7.59E-04	3.18E-04	2.40E-03	8.2164E-03
106	**106**	0.0097	9.23E-04	3.16E-04	2.93E-03	9.7381E-03
107	**107**	0.0120	1.15E-03	3.15E-04	3.78E-03	1.1963E-02
108	**108**	0.0143	1.54E-03	3.10E-04	5.00E-03	1.4277E-02
109	**109**	0.0158	2.40E-03	3.03E-04	7.14E-03	1.5812E-02
110	**110**	0.0150	1.91E-03	2.96E-04	1.11E-02	1.4979E-02
111	**111**	0.0051	4.76E-04	3.14E-04	1.43E-03	5.1391E-03
112	**112**	0.0044	4.09E-04	3.12E-04	1.22E-03	4.4311E-03
113	**113**	0.0009	6.44E-04	1.07E-04	2.73E-04	9.1736E-04
114	**114**	0.0008	5.85E-04	1.01E-04	2.46E-04	8.3395E-04
115	**115**	0.0008	5.33E-04	9.62E-05	2.23E-04	7.6066E-04
116	**116**	0.0007	4.83E-04	9.13E-05	2.04E-04	6.9627E-04
117	**117**	0.0009	5.59E-04	1.09E-04	2.81E-04	9.4485E-04
118	**118**	0.0009	5.08E-04	1.04E-04	2.52E-04	8.5501E-04
119	**119**	0.0008	4.62E-04	9.81E-05	2.28E-04	7.7704E-04
120	**120**	0.0007	4.19E-04	9.29E-05	2.07E-04	7.0915E-04
121	**121**	0.0010	4.91E-04	1.12E-04	2.88E-04	9.6965E-04
122	**122**	0.0009	4.47E-04	1.06E-04	2.58E-04	8.7388E-04
123	**123**	0.0008	4.06E-04	9.99E-05	2.32E-04	7.9160E-04
124	**124**	0.0007	3.68E-04	9.45E-05	2.10E-04	7.2050E-04
125	**125**	0.0010	4.35E-04	1.14E-04	2.94E-04	9.9150E-04
126	**126**	0.0009	3.96E-04	1.08E-04	2.63E-04	8.9040E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
127	**127**	0.0008	3.61E-04	1.02E-04	2.36E-04	8.0426E-04
128	**128**	0.0007	3.28E-04	9.60E-05	2.13E-04	7.3035E-04
129	**129**	0.0010	3.89E-04	1.17E-04	3.00E-04	1.0103E-03
130	**130**	0.0009	3.54E-04	1.10E-04	2.67E-04	9.0454E-04
131	**131**	0.0008	3.23E-04	1.03E-04	2.39E-04	8.1508E-04
132	**132**	0.0007	2.95E-04	9.73E-05	2.15E-04	7.3876E-04
133	**133**	0.0010	3.49E-04	1.19E-04	3.04E-04	1.0260E-03
134	**134**	0.0009	3.19E-04	1.12E-04	2.70E-04	9.1634E-04
135	**135**	0.0008	2.92E-04	1.05E-04	2.41E-04	8.2409E-04
136	**136**	0.0007	2.67E-04	9.86E-05	2.17E-04	7.4575E-04
137	**137**	0.0010	3.15E-04	1.21E-04	3.07E-04	1.0386E-03
138	**138**	0.0008	2.65E-04	1.06E-04	2.43E-04	8.3122E-04
139	**139**	0.0008	2.43E-04	9.97E-05	2.19E-04	7.5125E-04
140	**140**	0.0011	2.36E-04	1.26E-04	3.10E-04	1.0554E-03
141	**141**	0.0009	2.18E-04	1.17E-04	2.74E-04	9.3758E-04
142	**142**	0.0008	2.02E-04	1.09E-04	2.44E-04	8.3962E-04
143	**143**	0.0008	1.88E-04	1.02E-04	2.19E-04	7.5718E-04
144	**144**	0.0011	2.15E-04	1.27E-04	3.08E-04	1.0523E-03
145	**145**	0.0009	2.00E-04	1.18E-04	2.72E-04	9.3470E-04
146	**146**	0.0008	1.86E-04	1.10E-04	2.42E-04	8.3698E-04
147	**147**	0.0008	1.73E-04	1.03E-04	2.18E-04	7.5475E-04
148	**148**	0.0010	1.96E-04	1.28E-04	3.03E-04	1.0435E-03
149	**149**	0.0009	1.83E-04	1.19E-04	2.68E-04	9.2749E-04
150	**150**	0.0008	1.71E-04	1.11E-04	2.40E-04	8.3094E-04
151	**151**	0.0007	1.60E-04	1.04E-04	2.16E-04	7.4962E-04
152	**152**	0.0010	1.79E-04	1.29E-04	2.96E-04	1.0284E-03
153	**153**	0.0009	1.68E-04	1.20E-04	2.63E-04	9.1548E-04
154	**154**	0.0008	1.57E-04	1.12E-04	2.36E-04	8.2120E-04
155	**155**	0.0007	1.47E-04	1.04E-04	2.12E-04	7.4158E-04
156	**156**	0.0010	1.64E-04	1.30E-04	2.87E-04	1.0057E-03
157	**157**	0.0009	1.54E-04	1.21E-04	2.56E-04	8.9792E-04
158	**158**	0.0008	1.45E-04	1.12E-04	2.30E-04	8.0726E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
159	**159**	0.0007	1.36E-04	1.05E-04	2.08E-04	7.3029E-04
160	**160**	0.0010	1.51E-04	1.31E-04	2.75E-04	9.7438E-04
161	**161**	0.0009	1.42E-04	1.21E-04	2.47E-04	8.7380E-04
162	**162**	0.0008	1.34E-04	1.13E-04	2.23E-04	7.8834E-04
163	**163**	0.0007	1.26E-04	1.06E-04	2.02E-04	7.1503E-04
164	**164**	0.0009	1.39E-04	1.31E-04	2.61E-04	9.3439E-04
165	**165**	0.0008	1.32E-04	1.22E-04	2.36E-04	8.4266E-04
166	**166**	0.0008	1.24E-04	1.14E-04	2.14E-04	7.6312E-04
167	**167**	0.0007	1.18E-04	1.06E-04	1.95E-04	6.9489E-04
168	**168**	0.0009	1.29E-04	1.32E-04	2.45E-04	8.8756E-04
169	**169**	0.0008	1.22E-04	1.22E-04	2.23E-04	8.0529E-04
170	**170**	0.0007	1.16E-04	1.14E-04	2.03E-04	7.3310E-04
171	**171**	0.0007	1.10E-04	1.06E-04	1.86E-04	6.7086E-04
172	**172**	0.0008	1.20E-04	1.32E-04	2.29E-04	8.3686E-04
173	**173**	0.0008	1.14E-04	1.22E-04	2.10E-04	7.6366E-04
174	**174**	0.0007	1.08E-04	1.14E-04	1.92E-04	6.9911E-04
175	**175**	0.0006	1.03E-04	1.06E-04	1.77E-04	6.4292E-04
176	**176**	0.0008	1.13E-04	1.31E-04	2.13E-04	7.8480E-04
177	**177**	0.0007	1.07E-04	1.22E-04	1.96E-04	7.1990E-04
178	**178**	0.0007	1.02E-04	1.14E-04	1.81E-04	6.6244E-04
179	**179**	0.0006	9.66E-05	1.06E-04	1.68E-04	6.1219E-04
180	**180**	0.0007	1.05E-04	1.31E-04	1.98E-04	7.3283E-04
181	**181**	0.0007	1.00E-04	1.21E-04	1.83E-04	6.7531E-04
182	**182**	0.0006	9.56E-05	1.13E-04	1.69E-04	6.2450E-04
183	**183**	0.0006	9.10E-05	1.05E-04	1.58E-04	5.7985E-04
184	**184**	0.0010	1.36E-04	1.42E-04	2.68E-04	9.7374E-04
185	**185**	0.0008	1.13E-04	1.55E-04	2.27E-04	8.4621E-04
186	**186**	0.0008	1.08E-04	1.42E-04	2.09E-04	7.7503E-04
187	**187**	0.0007	1.03E-04	1.31E-04	1.92E-04	7.1297E-04
188	**188**	0.0007	9.78E-05	1.22E-04	1.78E-04	6.5821E-04
189	**189**	0.0008	1.10E-04	1.67E-04	2.28E-04	8.4631E-04
190	**190**	0.0008	1.05E-04	1.53E-04	2.09E-04	7.7659E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
191	**191**	0.0007	1.01E-04	1.41E-04	1.92E-04	7.1561E-04
192	**192**	0.0007	9.64E-05	1.30E-04	1.78E-04	6.6190E-04
193	**193**	0.0006	9.21E-05	1.21E-04	1.65E-04	6.1377E-04
194	**194**	0.0008	1.03E-04	1.64E-04	2.09E-04	7.7300E-04
195	**195**	0.0007	9.87E-05	1.51E-04	1.92E-04	7.1278E-04
196	**196**	0.0007	9.46E-05	1.39E-04	1.78E-04	6.5988E-04
197	**197**	0.0006	9.07E-05	1.29E-04	1.65E-04	6.1270E-04
198	**198**	0.0006	8.68E-05	1.20E-04	1.54E-04	5.7124E-04
199	**199**	0.0007	9.64E-05	1.61E-04	1.92E-04	7.1002E-04
200	**200**	0.0007	9.27E-05	1.48E-04	1.78E-04	6.5653E-04
201	**201**	0.0006	8.91E-05	1.37E-04	1.65E-04	6.0949E-04
202	**202**	0.0006	8.55E-05	1.27E-04	1.53E-04	5.6797E-04
203	**203**	0.0005	8.20E-05	1.18E-04	1.43E-04	5.3128E-04
204	**204**	0.0009	1.04E-04	2.27E-04	2.50E-04	9.3193E-04
205	**205**	0.0007	9.06E-05	1.56E-04	1.78E-04	6.5652E-04
206	**206**	0.0006	8.73E-05	1.44E-04	1.65E-04	6.0816E-04
207	**207**	0.0006	8.39E-05	1.34E-04	1.53E-04	5.6528E-04
208	**208**	0.0005	8.07E-05	1.24E-04	1.43E-04	5.2809E-04
209	**209**	0.0009	9.75E-05	2.18E-04	2.28E-04	8.5096E-04
210	**210**	0.0008	9.45E-05	1.98E-04	2.10E-04	7.8001E-04
211	**211**	0.0007	9.14E-05	1.80E-04	1.94E-04	7.1660E-04
212	**212**	0.0007	8.84E-05	1.65E-04	1.79E-04	6.6044E-04
213	**213**	0.0006	8.53E-05	1.52E-04	1.66E-04	6.1066E-04
214	**214**	0.0006	8.23E-05	1.41E-04	1.54E-04	5.6642E-04
215	**215**	0.0005	7.93E-05	1.31E-04	1.43E-04	5.2746E-04
216	**216**	0.0008	9.07E-05	2.43E-04	2.22E-04	8.3387E-04
217	**217**	0.0008	8.85E-05	2.19E-04	2.06E-04	7.7261E-04
218	**218**	0.0007	8.61E-05	1.99E-04	1.92E-04	7.1568E-04
219	**219**	0.0007	8.37E-05	1.82E-04	1.78E-04	6.6422E-04
220	**220**	0.0006	8.12E-05	1.67E-04	1.66E-04	6.1674E-04
221	**221**	0.0006	7.86E-05	1.54E-04	1.55E-04	5.7335E-04
222	**222**	0.0008	8.54E-05	2.29E-04	2.02E-04	7.6073E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
223	**223**	0.0007	8.34E-05	2.08E-04	1.89E-04	7.0818E-04
224	**224**	0.0007	8.12E-05	1.89E-04	1.77E-04	6.5975E-04
225	**225**	0.0006	7.90E-05	1.73E-04	1.65E-04	6.1537E-04
226	**226**	0.0006	7.67E-05	1.60E-04	1.55E-04	5.7396E-04
227	**227**	0.0007	8.06E-05	2.16E-04	1.86E-04	6.9686E-04
228	**228**	0.0007	7.87E-05	1.96E-04	1.74E-04	6.5158E-04
229	**229**	0.0006	7.68E-05	1.79E-04	1.63E-04	6.1000E-04
230	**230**	0.0006	7.47E-05	1.65E-04	1.53E-04	5.7101E-04
231	**231**	0.0006	7.62E-05	2.02E-04	1.71E-04	6.4075E-04
232	**232**	0.0006	7.45E-05	1.85E-04	1.61E-04	6.0190E-04
233	**233**	0.0006	7.27E-05	1.70E-04	1.52E-04	5.6564E-04
234	**234**	0.0005	7.08E-05	1.56E-04	1.43E-04	5.3158E-04
235	**235**	0.0006	7.22E-05	1.89E-04	1.58E-04	5.9167E-04
236	**236**	0.0006	7.06E-05	1.74E-04	1.49E-04	5.5784E-04
237	**237**	0.0005	6.89E-05	1.60E-04	1.41E-04	5.2582E-04
238	**238**	0.0005	6.72E-05	1.48E-04	1.33E-04	4.9612E-04
239	**239**	0.0005	6.85E-05	1.76E-04	1.46E-04	5.4832E-04
240	**240**	0.0005	6.71E-05	1.63E-04	1.39E-04	5.1854E-04
241	**241**	0.0005	6.55E-05	1.51E-04	1.31E-04	4.9027E-04
242	**242**	0.0005	6.39E-05	1.40E-04	1.25E-04	4.6411E-04
243	**243**	0.0008	7.20E-05	3.42E-04	1.95E-04	7.5182E-04
244	**244**	0.0007	7.21E-05	3.07E-04	1.91E-04	7.3057E-04
245	**245**	0.0007	7.19E-05	2.77E-04	1.85E-04	7.0431E-04
246	**246**	0.0007	7.15E-05	2.52E-04	1.78E-04	6.7459E-04
247	**247**	0.0006	7.08E-05	2.30E-04	1.70E-04	6.4266E-04
248	**248**	0.0006	7.00E-05	2.11E-04	1.62E-04	6.1060E-04
249	**249**	0.0006	6.89E-05	1.94E-04	1.54E-04	5.7896E-04
250	**250**	0.0007	6.86E-05	3.03E-04	1.80E-04	6.8872E-04
251	**251**	0.0007	6.86E-05	2.75E-04	1.75E-04	6.6957E-04
252	**252**	0.0006	6.84E-05	2.50E-04	1.70E-04	6.4636E-04
253	**253**	0.0006	6.79E-05	2.28E-04	1.64E-04	6.2031E-04
254	**254**	0.0006	6.73E-05	2.09E-04	1.57E-04	5.9240E-04

Shiolh Business Park
Unmitigated - Risk Summary

			Truck Operational PM2.5			
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1**	**Haul2**	**Haul3**	**Idle**
255	**255**	0.0006	6.65E-05	1.93E-04	1.50E-04	5.6434E-04
256	**256**	0.0005	6.55E-05	1.78E-04	1.43E-04	5.3630E-04
257	**257**	0.0006	6.54E-05	2.71E-04	1.66E-04	6.3365E-04
258	**258**	0.0006	6.54E-05	2.47E-04	1.62E-04	6.1635E-04
259	**259**	0.0006	6.51E-05	2.27E-04	1.57E-04	5.9572E-04
260	**260**	0.0006	6.47E-05	2.08E-04	1.51E-04	5.7276E-04
261	**261**	0.0005	6.41E-05	1.92E-04	1.45E-04	5.4821E-04
262	**262**	0.0005	6.33E-05	1.78E-04	1.39E-04	5.2347E-04
263	**263**	0.0005	6.24E-05	1.65E-04	1.33E-04	4.9880E-04
264	**264**	0.0006	6.24E-05	2.44E-04	1.54E-04	5.8541E-04
265	**265**	0.0006	6.24E-05	2.24E-04	1.50E-04	5.6967E-04
266	**266**	0.0006	6.21E-05	2.07E-04	1.46E-04	5.5119E-04
267	**267**	0.0005	6.17E-05	1.91E-04	1.41E-04	5.3083E-04
268	**268**	0.0005	6.11E-05	1.77E-04	1.35E-04	5.0934E-04
269	**269**	0.0005	6.04E-05	1.64E-04	1.30E-04	4.8735E-04
270	**270**	0.0005	5.95E-05	1.53E-04	1.24E-04	4.6543E-04
271	**271**	0.0005	5.97E-05	2.21E-04	1.43E-04	5.4268E-04
272	**272**	0.0005	5.96E-05	2.05E-04	1.39E-04	5.2838E-04
273	**273**	0.0005	5.93E-05	1.90E-04	1.35E-04	5.1180E-04
274	**274**	0.0005	5.89E-05	1.76E-04	1.31E-04	4.9363E-04
275	**275**	0.0005	5.83E-05	1.64E-04	1.26E-04	4.7450E-04
276	**276**	0.0005	5.76E-05	1.53E-04	1.21E-04	4.5502E-04
277	**277**	0.0004	5.68E-05	1.42E-04	1.16E-04	4.3539E-04
278	**278**	0.0015	5.36E-05	1.53E-03	1.26E-04	4.8777E-04
279	**279**	0.0014	5.48E-05	1.41E-03	1.31E-04	5.0915E-04
280	**280**	0.0012	5.78E-05	1.23E-03	1.45E-04	5.6519E-04
281	**281**	0.0011	5.72E-05	1.11E-03	1.44E-04	5.5796E-04
282	**282**	0.0012	6.03E-05	1.20E-03	1.57E-04	6.1306E-04
283	**283**	0.0011	5.43E-05	1.06E-03	1.32E-04	5.0982E-04

Scenario	Excess Cancer Risk (per million)	Chronic Health Risk[1]	$PM_{2.5}$ µg/m^3 annual average	Distance (m)
School				
Exchange Bank (Facility ID: 15868) 440 Aviation Boulevard	6.75	0.014	0.009	191
Airport Health Club (Facility ID: 20694) 432 Aviation Boulevard	1.03	0.007	0.568	125
Bio-Rad Laboratories (Facility ID: 24142) 487 Aviation Boulevard Suite 100	0	0	0	255
Residential				
Windsor Valero (Facility ID: 200007) 705 Shiloh Rd	13.376	0.058	0	256

Refined		
Excess Cancer Risk (per million)	**Chronic Health Risk[1]**	**$PM_{2.5}$ µg/m^3 annual average**
0.6075	0.00126	0.00081
0.1648	0.00112	0.09088
0	0	0
2.367566757	0.010266064	0

Diesel Internal Combustion (IC) Engine Distance Multiplier Tool: This distance multiplier tool refines t values for cancer risk and PM2.5 concentrations found in the District's Stationary Source Screening Anal permitted facilities which contain only diesel IC engines, to represent adjusted risk and hazard impacts t expected with farther distances from the source of emissions.

Diesel Internal Combustion Engines

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**	**Enter PM2.5 Concentration**
0	0.0	1.000		0	
5	16.4	1.000		0	
10	32.8	1.000		0	
15	49.2	1.000		0	
20	65.6	1.000		0	
25	82.0	0.85		0	
30	98.4	0.73		0	
35	114.8	0.64		0	
40	131.2	0.58		0	
50	164.0	0.5		0	
60	196.9	0.41		0	
70	229.7	0.31		0	
80	262.5	0.28		0	
90	295.3	0.25		0	
100	328.1	0.22		0	
110	360.9	0.18		0	
120	393.7	0.16	1.03	0.1648	0.568
130	426.5	0.15		0	
140	459.3	0.14		0	
150	492.1	0.12		0	
160	524.9	0.1		0	
180	590.6	0.09	6.75	0.6075	0.009
200	656.2	0.08		0	
220	721.8	0.07		0	
240	787.4	0.06		0	0
260	853.0	0.05		0	
280	918.6	0.04		0	

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Generic Distance Multiplier Tool: This distance multiplier tool refines
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Generic Case

Distance (meters)	Distance (feet)	Multiplier	Enter Risk or Hazard	Adjusted Risk or Hazard
0	0.0	1.000		0
5	16.4	1.000		0
10	32.8	0.883		0
15	49.2	0.855		0
20	65.6	0.827		0
25	82.0	0.801		0
30	98.4	0.775		0
35	114.8	0.750		0
40	131.2	0.726		0
45	147.6	0.702		0
50	164.0	0.679		0
55	180.4	0.658		0
60	196.9	0.636		0
65	213.3	0.616		0
70	229.7	0.596		0
75	246.1	0.577		0
80	262.5	0.558		0
85	278.9	0.540		0
90	295.3	0.523		0
95	311.7	0.506		0
100	328.1	0.489		0
105	344.5	0.474		0
110	360.9	0.458		0
115	377.3	0.444		0
120	393.7	0.429		0
125	410.1	0.415		0
130	426.5	0.402		0
135	442.9	0.389		0
140	459.3	0.376		0
145	475.7	0.364		0
150	492.1	0.353		0
155	508.5	0.341		0
160	524.9	0.330		0

165	541.3	0.319		0
170	557.7	0.309		0
175	574.1	0.299		0
180	590.6	0.290		0
185	607.0	0.280		0
190	623.4	0.271		0
195	639.8	0.262		0
200	656.2	0.254		0
205	672.6	0.246		0
210	689.0	0.238		0
215	705.4	0.230		0
220	721.8	0.223		0
225	738.2	0.216		0
230	754.6	0.209		0
235	771.0	0.202		0
240	787.4	0.195		0
245	803.8	0.189		0
250	820.2	0.183		0
255	836.6	0.177	13.376	2.367566757
260	853.0	0.171		0
265	869.4	0.166		0
270	885.8	0.160		0
275	902.2	0.155		0
280	918.6	0.150		0
285	935.0	0.145		0
290	951.4	0.141		0
295	967.8	0.136		0
300	984.3	0.132		0

the screening values to represent
tances from the source of emissions.

Enter PM2.5 Concentration	Adjusted PM2.5 Concentration
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Diesel Internal Combustion (IC) Engine Distance Multiplier Tool: This distance multiplier tool refines t values for cancer risk and PM2.5 concentrations found in the District's Stationary Source Screening Anal permitted facilities which contain only diesel IC engines, to represent adjusted risk and hazard impacts t expected with farther distances from the source of emissions.

Diesel Internal Combustion Engines

Distance (meters)	Distance (feet)	**Distance adjustment multiplier**	**Enter Risk or Hazard**	**Adjusted Risk or Hazard**	**Enter PM2.5 Concentration**
0	0.0	1.000		0	
5	16.4	1.000		0	
10	32.8	1.000		0	
15	49.2	1.000		0	
20	65.6	1.000		0	
25	82.0	0.85		0	
30	98.4	0.73		0	
35	114.8	0.64		0	
40	131.2	0.58		0	
50	164.0	0.5		0	
60	196.9	0.41		0	
70	229.7	0.31		0	
80	262.5	0.28		0	
90	295.3	0.25		0	
100	328.1	0.22		0	
110	360.9	0.18		0	
120	393.7	0.16	0.007	0.00112	
130	426.5	0.15		0	
140	459.3	0.14		0	
150	492.1	0.12		0	
160	524.9	0.1		0	
180	590.6	0.09	0.014	0.00126	
200	656.2	0.08		0	
220	721.8	0.07		0	
240	787.4	0.06		0	
260	853.0	0.05		0	
280	918.6	0.04		0	

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Generic Distance Multiplier Tool: This distance multiplier tool refines
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Generic Case

Distance (meters)	Distance (feet)	Multiplier	Enter Risk or Hazard	Adjusted Risk or Hazard
0	0.0	1.000		0
5	16.4	1.000		0
10	32.8	0.883		0
15	49.2	0.855		0
20	65.6	0.827		0
25	82.0	0.801		0
30	98.4	0.775		0
35	114.8	0.750		0
40	131.2	0.726		0
45	147.6	0.702		0
50	164.0	0.679		0
55	180.4	0.658		0
60	196.9	0.636		0
65	213.3	0.616		0
70	229.7	0.596		0
75	246.1	0.577		0
80	262.5	0.558		0
85	278.9	0.540		0
90	295.3	0.523		0
95	311.7	0.506		0
100	328.1	0.489		0
105	344.5	0.474		0
110	360.9	0.458		0
115	377.3	0.444		0
120	393.7	0.429		0
125	410.1	0.415		0
130	426.5	0.402		0
135	442.9	0.389		0
140	459.3	0.376		0
145	475.7	0.364		0
150	492.1	0.353		0
155	508.5	0.341		0
160	524.9	0.330		0

165	541.3	0.319		0
170	557.7	0.309		0
175	574.1	0.299		0
180	590.6	0.290		0
185	607.0	0.280		0
190	623.4	0.271		0
195	639.8	0.262		0
200	656.2	0.254		0
205	672.6	0.246		0
210	689.0	0.238		0
215	705.4	0.230		0
220	721.8	0.223		0
225	738.2	0.216		0
230	754.6	0.209		0
235	771.0	0.202		0
240	787.4	0.195		0
245	803.8	0.189		0
250	820.2	0.183		0
255	836.6	0.177	0.058	0.010266064
260	853.0	0.171		0
265	869.4	0.166		0
270	885.8	0.160		0
275	902.2	0.155		0
280	918.6	0.150		0
285	935.0	0.145		0
290	951.4	0.141		0
295	967.8	0.136		0
300	984.3	0.132		0

the screening values to represent
tances from the source of emissions.

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Attachment 3

Construction Risk Calculations

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#		Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating	
	0.567	204	<-Max	0.00142	0.00022	0.00322	0.00230	0.55800	0.00224	0.00124	Residential
	1.17	107		0.00157	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	School - Student
	0.16	107		0.00007	0.00009	0.00126	0.00054	0.15783	0.00121	0.00035	School - Teacher
1	9.224E-02			2.21E-04	3.74E-05	7.06E-04	3.99E-04	0.09	5.67E-04	2.00E-04	
2	9.733E-02			2.48E-04	3.95E-05	7.71E-04	4.25E-04	0.10	6.22E-04	2.11E-04	
3	1.030E-01			2.82E-04	4.19E-05	8.52E-04	4.56E-04	0.10	6.92E-04	2.23E-04	
4	1.092E-01			3.27E-04	4.44E-05	9.54E-04	4.90E-04	0.11	7.80E-04	2.36E-04	
5	1.161E-01			3.89E-04	4.73E-05	1.09E-03	5.28E-04	0.11	8.98E-04	2.51E-04	
6	9.083E-02			2.18E-04	3.69E-05	6.95E-04	3.99E-04	0.09	5.58E-04	1.97E-04	
7	9.575E-02			2.43E-04	3.89E-05	7.58E-04	4.26E-04	0.09	6.11E-04	2.08E-04	
8	1.012E-01			2.76E-04	4.12E-05	8.35E-04	4.57E-04	0.10	6.77E-04	2.19E-04	
9	1.073E-01			3.19E-04	4.37E-05	9.33E-04	4.92E-04	0.10	7.62E-04	2.32E-04	
10	1.140E-01			3.76E-04	4.64E-05	1.06E-03	5.32E-04	0.11	8.73E-04	2.46E-04	
11	8.933E-02			2.13E-04	3.63E-05	6.81E-04	4.00E-04	0.09	5.46E-04	1.94E-04	
12	9.414E-02			2.37E-04	3.83E-05	7.41E-04	4.28E-04	0.09	5.97E-04	2.04E-04	
13	9.947E-02			2.68E-04	4.05E-05	8.14E-04	4.59E-04	0.10	6.60E-04	2.16E-04	
14	1.055E-01			3.08E-04	4.29E-05	9.08E-04	4.96E-04	0.10	7.41E-04	2.28E-04	
15	1.120E-01			3.62E-04	4.56E-05	1.03E-03	5.37E-04	0.11	8.44E-04	2.42E-04	
16	8.786E-02			2.07E-04	3.57E-05	6.67E-04	4.01E-04	0.09	5.34E-04	1.91E-04	
17	9.260E-02			2.30E-04	3.76E-05	7.24E-04	4.30E-04	0.09	5.83E-04	2.01E-04	
18	9.778E-02			2.59E-04	3.98E-05	7.94E-04	4.62E-04	0.10	6.42E-04	2.12E-04	
19	1.034E-01			2.96E-04	4.21E-05	8.79E-04	4.99E-04	0.10	7.16E-04	2.24E-04	
20	1.099E-01			3.47E-04	4.47E-05	9.93E-04	5.42E-04	0.11	8.15E-04	2.38E-04	
21	8.646E-02			2.02E-04	3.51E-05	6.52E-04	4.03E-04	0.08	5.22E-04	1.88E-04	
22	9.108E-02			2.24E-04	3.70E-05	7.07E-04	4.33E-04	0.09	5.68E-04	1.98E-04	
23	9.617E-02			2.51E-04	3.91E-05	7.73E-04	4.66E-04	0.09	6.25E-04	2.08E-04	
24	1.017E-01			2.86E-04	4.14E-05	8.56E-04	5.04E-04	0.10	6.96E-04	2.20E-04	
25	1.079E-01			3.33E-04	4.39E-05	9.61E-04	5.48E-04	0.10	7.87E-04	2.33E-04	
113	4.982E-01			4.84E-04	1.95E-04	2.73E-03	2.01E-03	0.49	2.06E-03	1.09E-03	
114	4.538E-01			4.41E-04	1.77E-04	2.47E-03	1.83E-03	0.45	1.85E-03	9.91E-04	
115	4.139E-01			4.03E-04	1.61E-04	2.24E-03	1.66E-03	0.41	1.68E-03	9.04E-04	
116	3.782E-01			3.71E-04	1.47E-04	2.04E-03	1.52E-03	0.37	1.52E-03	8.26E-04	

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
117	5.162E-01		4.95E-04	2.01E-04	2.81E-03	2.08E-03	0.51	2.12E-03	1.13E-03
118	4.667E-01		4.49E-04	1.81E-04	2.52E-03	1.88E-03	0.46	1.89E-03	1.02E-03
119	4.230E-01		4.09E-04	1.64E-04	2.28E-03	1.70E-03	0.42	1.71E-03	9.24E-04
120	3.846E-01		3.75E-04	1.49E-04	2.07E-03	1.55E-03	0.38	1.54E-03	8.40E-04
121	5.315E-01		5.04E-04	2.07E-04	2.87E-03	2.14E-03	0.52	2.16E-03	1.16E-03
122	4.772E-01		4.55E-04	1.85E-04	2.57E-03	1.92E-03	0.47	1.93E-03	1.04E-03
123	4.302E-01		4.14E-04	1.67E-04	2.31E-03	1.73E-03	0.42	1.73E-03	9.40E-04
124	3.894E-01		3.79E-04	1.51E-04	2.09E-03	1.57E-03	0.38	1.56E-03	8.51E-04
125	5.437E-01		5.10E-04	2.11E-04	2.92E-03	2.19E-03	0.53	2.20E-03	1.19E-03
126	4.852E-01		4.60E-04	1.88E-04	2.60E-03	1.96E-03	0.48	1.95E-03	1.06E-03
127	4.354E-01		4.18E-04	1.69E-04	2.33E-03	1.76E-03	0.43	1.74E-03	9.51E-04
128	3.927E-01		3.81E-04	1.52E-04	2.10E-03	1.59E-03	0.39	1.57E-03	8.58E-04
129	5.527E-01		5.15E-04	2.14E-04	2.96E-03	2.23E-03	0.54	2.22E-03	1.21E-03
130	4.909E-01		4.63E-04	1.90E-04	2.62E-03	1.99E-03	0.48	1.96E-03	1.07E-03
131	4.389E-01		4.20E-04	1.70E-04	2.35E-03	1.78E-03	0.43	1.75E-03	9.59E-04
132	3.950E-01		3.82E-04	1.53E-04	2.11E-03	1.61E-03	0.39	1.57E-03	8.63E-04
133	5.590E-01		5.17E-04	2.16E-04	2.98E-03	2.26E-03	0.55	2.23E-03	1.22E-03
134	4.947E-01		4.65E-04	1.91E-04	2.64E-03	2.01E-03	0.49	1.97E-03	1.08E-03
135	4.413E-01		4.20E-04	1.71E-04	2.35E-03	1.80E-03	0.43	1.75E-03	9.64E-04
136	3.965E-01		3.82E-04	1.54E-04	2.12E-03	1.62E-03	0.39	1.57E-03	8.66E-04
137	5.631E-01		5.17E-04	2.18E-04	2.99E-03	2.28E-03	0.55	2.24E-03	1.23E-03
138	4.428E-01		4.19E-04	1.72E-04	2.36E-03	1.81E-03	0.44	1.76E-03	9.67E-04
139	3.975E-01		3.81E-04	1.54E-04	2.12E-03	1.62E-03	0.39	1.57E-03	8.68E-04
140	5.659E-01		5.00E-04	2.18E-04	2.95E-03	2.30E-03	0.56	2.20E-03	1.24E-03
141	4.985E-01		4.51E-04	1.92E-04	2.61E-03	2.03E-03	0.49	1.94E-03	1.09E-03
142	4.433E-01		4.09E-04	1.71E-04	2.33E-03	1.81E-03	0.44	1.72E-03	9.69E-04
143	3.976E-01		3.73E-04	1.53E-04	2.09E-03	1.62E-03	0.39	1.55E-03	8.69E-04
144	5.632E-01		4.91E-04	2.16E-04	2.91E-03	2.29E-03	0.55	2.16E-03	1.23E-03
145	4.961E-01		4.44E-04	1.91E-04	2.58E-03	2.03E-03	0.49	1.91E-03	1.08E-03
146	4.412E-01		4.03E-04	1.70E-04	2.30E-03	1.80E-03	0.43	1.70E-03	9.64E-04
147	3.956E-01		3.68E-04	1.52E-04	2.07E-03	1.62E-03	0.39	1.53E-03	8.64E-04
148	5.579E-01		4.82E-04	2.13E-04	2.86E-03	2.29E-03	0.55	2.11E-03	1.22E-03

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
149	4.916E-01		4.36E-04	1.88E-04	2.53E-03	2.02E-03	0.48	1.87E-03	1.07E-03
150	4.374E-01		3.96E-04	1.68E-04	2.27E-03	1.80E-03	0.43	1.67E-03	9.56E-04
151	3.923E-01		3.63E-04	1.51E-04	2.04E-03	1.61E-03	0.39	1.50E-03	8.57E-04
152	5.496E-01		4.71E-04	2.09E-04	2.79E-03	2.27E-03	0.54	2.05E-03	1.20E-03
153	4.849E-01		4.27E-04	1.85E-04	2.48E-03	2.01E-03	0.48	1.82E-03	1.06E-03
154	4.317E-01		3.89E-04	1.65E-04	2.22E-03	1.79E-03	0.42	1.63E-03	9.43E-04
155	3.875E-01		3.57E-04	1.49E-04	2.01E-03	1.61E-03	0.38	1.47E-03	8.47E-04
156	5.379E-01		4.61E-04	2.04E-04	2.71E-03	2.24E-03	0.53	1.98E-03	1.18E-03
157	4.756E-01		4.18E-04	1.81E-04	2.42E-03	1.99E-03	0.47	1.76E-03	1.04E-03
158	4.242E-01		3.82E-04	1.62E-04	2.17E-03	1.78E-03	0.42	1.59E-03	9.27E-04
159	3.812E-01		3.50E-04	1.46E-04	1.96E-03	1.60E-03	0.37	1.44E-03	8.33E-04
160	5.220E-01		4.51E-04	1.97E-04	2.61E-03	2.19E-03	0.51	1.89E-03	1.14E-03
161	4.633E-01		4.10E-04	1.75E-04	2.34E-03	1.95E-03	0.46	1.70E-03	1.01E-03
162	4.144E-01		3.74E-04	1.58E-04	2.11E-03	1.75E-03	0.41	1.53E-03	9.06E-04
163	3.732E-01		3.44E-04	1.43E-04	1.91E-03	1.58E-03	0.37	1.39E-03	8.16E-04
164	5.017E-01		4.42E-04	1.88E-04	2.50E-03	2.11E-03	0.49	1.80E-03	1.10E-03
165	4.477E-01		4.01E-04	1.69E-04	2.25E-03	1.89E-03	0.44	1.62E-03	9.78E-04
166	4.016E-01		3.67E-04	1.52E-04	2.04E-03	1.70E-03	0.39	1.47E-03	8.78E-04
167	3.629E-01		3.37E-04	1.38E-04	1.85E-03	1.54E-03	0.36	1.34E-03	7.93E-04
168	4.776E-01		4.31E-04	1.79E-04	2.38E-03	2.01E-03	0.47	1.71E-03	1.04E-03
169	4.287E-01		3.92E-04	1.62E-04	2.15E-03	1.81E-03	0.42	1.55E-03	9.37E-04
170	3.865E-01		3.59E-04	1.46E-04	1.96E-03	1.64E-03	0.38	1.41E-03	8.45E-04
171	3.510E-01		3.30E-04	1.33E-04	1.79E-03	1.50E-03	0.35	1.29E-03	7.67E-04
172	4.509E-01		4.21E-04	1.70E-04	2.26E-03	1.89E-03	0.44	1.62E-03	9.86E-04
173	4.073E-01		3.83E-04	1.54E-04	2.05E-03	1.72E-03	0.40	1.47E-03	8.90E-04
174	3.694E-01		3.51E-04	1.40E-04	1.87E-03	1.57E-03	0.36	1.34E-03	8.07E-04
175	3.371E-01		3.23E-04	1.28E-04	1.72E-03	1.44E-03	0.33	1.23E-03	7.37E-04
176	4.233E-01		4.09E-04	1.60E-04	2.14E-03	1.77E-03	0.42	1.53E-03	9.25E-04
177	3.844E-01		3.73E-04	1.46E-04	1.95E-03	1.62E-03	0.38	1.39E-03	8.40E-04
178	3.506E-01		3.43E-04	1.33E-04	1.78E-03	1.48E-03	0.34	1.28E-03	7.66E-04
179	3.216E-01		3.16E-04	1.22E-04	1.64E-03	1.37E-03	0.32	1.18E-03	7.03E-04
180	3.958E-01		3.95E-04	1.51E-04	2.02E-03	1.64E-03	0.39	1.45E-03	8.65E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
181	3.610E-01		3.63E-04	1.38E-04	1.85E-03	1.51E-03	0.36	1.32E-03	7.89E-04
182	3.309E-01		3.33E-04	1.26E-04	1.70E-03	1.39E-03	0.33	1.21E-03	7.23E-04
183	3.051E-01		3.08E-04	1.16E-04	1.57E-03	1.29E-03	0.30	1.12E-03	6.67E-04
184	5.300E-01		4.74E-04	1.98E-04	2.63E-03	2.21E-03	0.52	1.88E-03	1.16E-03
185	4.707E-01		4.71E-04	1.80E-04	2.40E-03	1.90E-03	0.46	1.72E-03	1.03E-03
186	4.247E-01		4.28E-04	1.63E-04	2.17E-03	1.74E-03	0.42	1.56E-03	9.28E-04
187	3.859E-01		3.92E-04	1.48E-04	1.98E-03	1.59E-03	0.38	1.42E-03	8.43E-04
188	3.525E-01		3.59E-04	1.35E-04	1.81E-03	1.47E-03	0.35	1.30E-03	7.70E-04
189	4.827E-01		4.92E-04	1.86E-04	2.48E-03	1.91E-03	0.47	1.77E-03	1.05E-03
190	4.347E-01		4.48E-04	1.68E-04	2.24E-03	1.74E-03	0.43	1.61E-03	9.50E-04
191	3.943E-01		4.09E-04	1.52E-04	2.04E-03	1.60E-03	0.39	1.46E-03	8.62E-04
192	3.598E-01		3.76E-04	1.39E-04	1.87E-03	1.47E-03	0.35	1.34E-03	7.86E-04
193	3.297E-01		3.46E-04	1.27E-04	1.71E-03	1.36E-03	0.32	1.23E-03	7.20E-04
194	4.440E-01		4.63E-04	1.72E-04	2.30E-03	1.75E-03	0.44	1.65E-03	9.70E-04
195	4.021E-01		4.24E-04	1.56E-04	2.09E-03	1.60E-03	0.40	1.50E-03	8.79E-04
196	3.662E-01		3.90E-04	1.42E-04	1.91E-03	1.47E-03	0.36	1.37E-03	8.00E-04
197	3.350E-01		3.59E-04	1.30E-04	1.76E-03	1.36E-03	0.33	1.26E-03	7.32E-04
198	3.085E-01		3.32E-04	1.20E-04	1.62E-03	1.26E-03	0.30	1.16E-03	6.74E-04
199	4.100E-01		4.35E-04	1.60E-04	2.14E-03	1.61E-03	0.40	1.53E-03	8.96E-04
200	3.730E-01		4.00E-04	1.46E-04	1.96E-03	1.48E-03	0.37	1.40E-03	8.15E-04
201	3.408E-01		3.69E-04	1.33E-04	1.80E-03	1.36E-03	0.34	1.29E-03	7.45E-04
202	3.130E-01		3.42E-04	1.22E-04	1.66E-03	1.26E-03	0.31	1.19E-03	6.84E-04
203	2.890E-01		3.18E-04	1.13E-04	1.53E-03	1.18E-03	0.28	1.10E-03	6.31E-04
204	5.672E-01		5.99E-04	2.20E-04	2.91E-03	2.16E-03	0.56	2.04E-03	1.24E-03
205	3.801E-01		4.09E-04	1.48E-04	1.99E-03	1.49E-03	0.37	1.42E-03	8.31E-04
206	3.473E-01		3.77E-04	1.36E-04	1.83E-03	1.37E-03	0.34	1.31E-03	7.59E-04
207	3.182E-01		3.49E-04	1.25E-04	1.69E-03	1.27E-03	0.31	1.21E-03	6.95E-04
208	2.932E-01		3.24E-04	1.15E-04	1.56E-03	1.18E-03	0.29	1.12E-03	6.41E-04
209	5.129E-01		5.53E-04	1.99E-04	2.65E-03	1.96E-03	0.50	1.86E-03	1.12E-03
210	4.658E-01		5.01E-04	1.81E-04	2.42E-03	1.79E-03	0.46	1.70E-03	1.02E-03
211	4.238E-01		4.56E-04	1.65E-04	2.21E-03	1.64E-03	0.42	1.56E-03	9.26E-04
212	3.867E-01		4.17E-04	1.50E-04	2.02E-03	1.50E-03	0.38	1.43E-03	8.45E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
213	3.538E-01		3.84E-04	1.38E-04	1.86E-03	1.38E-03	0.35	1.32E-03	7.73E-04
214	3.243E-01		3.55E-04	1.27E-04	1.72E-03	1.28E-03	0.32	1.22E-03	7.09E-04
215	2.984E-01		3.29E-04	1.17E-04	1.59E-03	1.18E-03	0.29	1.13E-03	6.52E-04
216	4.979E-01		5.74E-04	1.96E-04	2.62E-03	1.96E-03	0.49	1.84E-03	1.09E-03
217	4.598E-01		5.21E-04	1.80E-04	2.42E-03	1.79E-03	0.45	1.70E-03	1.00E-03
218	4.236E-01		4.76E-04	1.66E-04	2.23E-03	1.65E-03	0.42	1.57E-03	9.26E-04
219	3.910E-01		4.36E-04	1.53E-04	2.06E-03	1.52E-03	0.38	1.45E-03	8.55E-04
220	3.608E-01		4.00E-04	1.41E-04	1.90E-03	1.40E-03	0.35	1.34E-03	7.88E-04
221	3.332E-01		3.68E-04	1.30E-04	1.76E-03	1.30E-03	0.33	1.24E-03	7.28E-04
222	4.496E-01		5.26E-04	1.78E-04	2.39E-03	1.78E-03	0.44	1.68E-03	9.82E-04
223	4.175E-01		4.83E-04	1.64E-04	2.21E-03	1.64E-03	0.41	1.56E-03	9.12E-04
224	3.875E-01		4.43E-04	1.52E-04	2.05E-03	1.52E-03	0.38	1.45E-03	8.47E-04
225	3.600E-01		4.07E-04	1.41E-04	1.90E-03	1.40E-03	0.35	1.35E-03	7.87E-04
226	3.340E-01		3.76E-04	1.30E-04	1.77E-03	1.30E-03	0.33	1.25E-03	7.30E-04
227	4.081E-01		4.86E-04	1.62E-04	2.18E-03	1.63E-03	0.40	1.54E-03	8.92E-04
228	3.809E-01		4.47E-04	1.50E-04	2.04E-03	1.51E-03	0.37	1.44E-03	8.32E-04
229	3.558E-01		4.13E-04	1.40E-04	1.90E-03	1.40E-03	0.35	1.34E-03	7.77E-04
230	3.318E-01		3.82E-04	1.30E-04	1.77E-03	1.30E-03	0.33	1.25E-03	7.25E-04
231	3.722E-01		4.48E-04	1.48E-04	2.00E-03	1.50E-03	0.37	1.41E-03	8.13E-04
232	3.494E-01		4.16E-04	1.38E-04	1.88E-03	1.39E-03	0.34	1.33E-03	7.63E-04
233	3.278E-01		3.86E-04	1.29E-04	1.76E-03	1.30E-03	0.32	1.24E-03	7.16E-04
234	3.072E-01		3.58E-04	1.21E-04	1.65E-03	1.21E-03	0.30	1.17E-03	6.71E-04
235	3.412E-01		4.15E-04	1.36E-04	1.85E-03	1.39E-03	0.34	1.30E-03	7.45E-04
236	3.218E-01		3.87E-04	1.27E-04	1.74E-03	1.29E-03	0.32	1.23E-03	7.03E-04
237	3.029E-01		3.61E-04	1.20E-04	1.63E-03	1.21E-03	0.30	1.16E-03	6.62E-04
238	2.853E-01		3.37E-04	1.12E-04	1.54E-03	1.13E-03	0.28	1.09E-03	6.23E-04
239	3.143E-01		3.84E-04	1.25E-04	1.71E-03	1.28E-03	0.31	1.20E-03	6.86E-04
240	2.974E-01		3.60E-04	1.18E-04	1.61E-03	1.20E-03	0.29	1.14E-03	6.50E-04
241	2.809E-01		3.37E-04	1.11E-04	1.52E-03	1.13E-03	0.28	1.08E-03	6.14E-04
242	2.657E-01		3.17E-04	1.05E-04	1.44E-03	1.06E-03	0.26	1.02E-03	5.80E-04
243	3.754E-01		5.70E-04	1.58E-04	2.20E-03	1.98E-03	0.37	1.52E-03	8.18E-04
244	3.787E-01		5.49E-04	1.58E-04	2.18E-03	1.90E-03	0.37	1.51E-03	8.26E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
245	3.769E-01		5.24E-04	1.55E-04	2.13E-03	1.80E-03	0.37	1.48E-03	8.22E-04
246	3.700E-01		4.95E-04	1.51E-04	2.06E-03	1.69E-03	0.36	1.44E-03	8.07E-04
247	3.587E-01		4.66E-04	1.45E-04	1.98E-03	1.59E-03	0.35	1.38E-03	7.83E-04
248	3.449E-01		4.38E-04	1.38E-04	1.89E-03	1.48E-03	0.34	1.33E-03	7.53E-04
249	3.294E-01		4.11E-04	1.32E-04	1.80E-03	1.38E-03	0.32	1.26E-03	7.19E-04
250	3.447E-01		5.16E-04	1.44E-04	2.01E-03	1.81E-03	0.34	1.40E-03	7.51E-04
251	3.470E-01		4.98E-04	1.44E-04	1.99E-03	1.73E-03	0.34	1.39E-03	7.57E-04
252	3.450E-01		4.76E-04	1.41E-04	1.95E-03	1.65E-03	0.34	1.36E-03	7.53E-04
253	3.389E-01		4.52E-04	1.38E-04	1.89E-03	1.55E-03	0.33	1.32E-03	7.39E-04
254	3.290E-01		4.27E-04	1.33E-04	1.82E-03	1.46E-03	0.32	1.27E-03	7.18E-04
255	3.170E-01		4.03E-04	1.27E-04	1.74E-03	1.37E-03	0.31	1.22E-03	6.92E-04
256	3.033E-01		3.80E-04	1.21E-04	1.66E-03	1.28E-03	0.30	1.17E-03	6.62E-04
257	3.179E-01		4.70E-04	1.32E-04	1.85E-03	1.66E-03	0.31	1.29E-03	6.93E-04
258	3.195E-01		4.54E-04	1.32E-04	1.83E-03	1.59E-03	0.31	1.28E-03	6.97E-04
259	3.174E-01		4.35E-04	1.30E-04	1.79E-03	1.51E-03	0.31	1.25E-03	6.92E-04
260	3.119E-01		4.15E-04	1.26E-04	1.74E-03	1.43E-03	0.31	1.22E-03	6.80E-04
261	3.032E-01		3.93E-04	1.22E-04	1.68E-03	1.35E-03	0.30	1.18E-03	6.62E-04
262	2.927E-01		3.72E-04	1.17E-04	1.61E-03	1.27E-03	0.29	1.13E-03	6.39E-04
263	2.808E-01		3.52E-04	1.12E-04	1.54E-03	1.19E-03	0.28	1.09E-03	6.13E-04
264	2.944E-01		4.31E-04	1.22E-04	1.71E-03	1.53E-03	0.29	1.19E-03	6.42E-04
265	2.954E-01		4.17E-04	1.21E-04	1.69E-03	1.47E-03	0.29	1.18E-03	6.44E-04
266	2.932E-01		4.00E-04	1.19E-04	1.66E-03	1.40E-03	0.29	1.16E-03	6.40E-04
267	2.882E-01		3.82E-04	1.17E-04	1.61E-03	1.32E-03	0.28	1.13E-03	6.29E-04
268	2.808E-01		3.64E-04	1.13E-04	1.56E-03	1.25E-03	0.28	1.09E-03	6.13E-04
269	2.715E-01		3.45E-04	1.09E-04	1.50E-03	1.18E-03	0.27	1.05E-03	5.93E-04
270	2.611E-01		3.27E-04	1.04E-04	1.44E-03	1.11E-03	0.26	1.01E-03	5.70E-04
271	2.735E-01		3.97E-04	1.13E-04	1.58E-03	1.42E-03	0.27	1.11E-03	5.96E-04
272	2.741E-01		3.85E-04	1.12E-04	1.57E-03	1.36E-03	0.27	1.10E-03	5.98E-04
273	2.720E-01		3.70E-04	1.10E-04	1.54E-03	1.30E-03	0.27	1.08E-03	5.93E-04
274	2.674E-01		3.54E-04	1.08E-04	1.50E-03	1.23E-03	0.26	1.05E-03	5.84E-04
275	2.608E-01		3.38E-04	1.05E-04	1.45E-03	1.16E-03	0.26	1.02E-03	5.69E-04
276	2.527E-01		3.21E-04	1.01E-04	1.40E-03	1.10E-03	0.25	9.84E-04	5.52E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
277	2.434E-01		3.06E-04	9.71E-05	1.34E-03	1.04E-03	0.24	9.46E-04	5.31E-04
278	1.934E-01		1.42E-03	7.91E-05	3.22E-03	1.17E-03	0.19	1.93E-03	4.12E-04
279	1.989E-01		1.27E-03	8.17E-05	2.97E-03	1.23E-03	0.19	1.80E-03	4.25E-04
280	2.148E-01		1.04E-03	8.91E-05	2.59E-03	1.40E-03	0.21	1.62E-03	4.61E-04
281	2.113E-01		9.68E-04	8.77E-05	2.44E-03	1.39E-03	0.20	1.53E-03	4.54E-04
282	2.301E-01		9.61E-04	9.61E-05	2.48E-03	1.54E-03	0.22	1.58E-03	4.95E-04
283	1.954E-01		9.87E-04	8.06E-05	2.43E-03	1.26E-03	0.19	1.51E-03	4.19E-04
			School - Student Receptors						
26	1.754E-01		1.84E-04	7.55E-05	1.06E-03	6.91E-04	0.17	9.17E-04	3.82E-04
27	1.894E-01		2.03E-04	8.24E-05	1.17E-03	7.46E-04	0.19	1.02E-03	4.13E-04
28	2.047E-01		2.26E-04	8.99E-05	1.29E-03	8.06E-04	0.20	1.13E-03	4.46E-04
29	2.214E-01		2.57E-04	9.78E-05	1.43E-03	8.68E-04	0.22	1.26E-03	4.82E-04
30	2.392E-01		2.98E-04	1.06E-04	1.60E-03	9.33E-04	0.23	1.40E-03	5.21E-04
31	2.575E-01		3.58E-04	1.14E-04	1.79E-03	9.99E-04	0.25	1.56E-03	5.60E-04
32	2.755E-01		4.53E-04	1.21E-04	2.05E-03	1.06E-03	0.27	1.78E-03	5.99E-04
33	2.924E-01		6.12E-04	1.27E-04	2.41E-03	1.12E-03	0.29	2.10E-03	6.34E-04
34	3.078E-01		9.07E-04	1.33E-04	3.02E-03	1.17E-03	0.30	2.63E-03	6.65E-04
35	3.220E-01		1.57E-03	1.37E-04	4.28E-03	1.22E-03	0.31	3.78E-03	6.90E-04
36	3.287E-01		1.46E-03	1.39E-04	4.12E-03	1.25E-03	0.32	3.61E-03	7.05E-04
37	1.944E-01		1.95E-04	8.46E-05	1.18E-03	7.58E-04	0.19	1.03E-03	4.24E-04
38	2.113E-01		2.14E-04	9.32E-05	1.30E-03	8.24E-04	0.21	1.15E-03	4.61E-04
39	2.300E-01		2.39E-04	1.03E-04	1.45E-03	8.95E-04	0.23	1.29E-03	5.01E-04
40	2.506E-01		2.71E-04	1.13E-04	1.62E-03	9.71E-04	0.25	1.44E-03	5.46E-04
41	2.725E-01		3.13E-04	1.23E-04	1.80E-03	1.05E-03	0.27	1.60E-03	5.93E-04
42	2.951E-01		3.73E-04	1.32E-04	2.02E-03	1.13E-03	0.29	1.78E-03	6.42E-04
43	3.169E-01		4.65E-04	1.41E-04	2.29E-03	1.21E-03	0.31	2.00E-03	6.89E-04
44	3.370E-01		6.14E-04	1.48E-04	2.64E-03	1.28E-03	0.33	2.30E-03	7.32E-04
45	3.543E-01		8.81E-04	1.54E-04	3.20E-03	1.34E-03	0.35	2.79E-03	7.67E-04
46	3.691E-01		1.49E-03	1.58E-04	4.38E-03	1.39E-03	0.36	3.85E-03	7.93E-04
47	3.756E-01		1.46E-03	1.61E-04	4.34E-03	1.42E-03	0.36	3.79E-03	8.08E-04
48	2.168E-01		2.06E-04	9.57E-05	1.31E-03	8.37E-04	0.21	1.16E-03	4.73E-04
49	2.376E-01		2.27E-04	1.07E-04	1.47E-03	9.16E-04	0.23	1.32E-03	5.18E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
50	2.610E-01		2.53E-04	1.19E-04	1.65E-03	1.00E-03	0.26	1.49E-03	5.69E-04
51	2.867E-01		2.86E-04	1.32E-04	1.85E-03	1.10E-03	0.28	1.68E-03	6.25E-04
52	3.144E-01		3.29E-04	1.45E-04	2.07E-03	1.20E-03	0.31	1.86E-03	6.85E-04
53	3.428E-01		3.88E-04	1.57E-04	2.31E-03	1.30E-03	0.34	2.06E-03	7.46E-04
54	3.698E-01		4.77E-04	1.67E-04	2.59E-03	1.39E-03	0.36	2.28E-03	8.05E-04
55	3.937E-01		6.18E-04	1.75E-04	2.95E-03	1.48E-03	0.39	2.57E-03	8.56E-04
56	4.131E-01		8.71E-04	1.82E-04	3.49E-03	1.55E-03	0.40	3.03E-03	8.96E-04
57	4.281E-01		1.46E-03	1.86E-04	4.63E-03	1.59E-03	0.42	4.06E-03	9.23E-04
58	4.332E-01		1.46E-03	1.88E-04	4.64E-03	1.62E-03	0.42	4.04E-03	9.34E-04
59	2.434E-01		2.19E-04	1.09E-04	1.48E-03	9.29E-04	0.24	1.34E-03	5.31E-04
60	2.697E-01		2.41E-04	1.24E-04	1.67E-03	1.03E-03	0.26	1.55E-03	5.88E-04
61	2.994E-01		2.68E-04	1.40E-04	1.90E-03	1.13E-03	0.29	1.78E-03	6.52E-04
62	3.325E-01		3.02E-04	1.58E-04	2.16E-03	1.25E-03	0.33	2.01E-03	7.24E-04
63	3.684E-01		3.45E-04	1.74E-04	2.42E-03	1.38E-03	0.36	2.23E-03	8.02E-04
64	4.050E-01		4.04E-04	1.89E-04	2.70E-03	1.51E-03	0.40	2.44E-03	8.82E-04
65	4.390E-01		4.89E-04	2.02E-04	2.99E-03	1.62E-03	0.43	2.65E-03	9.56E-04
66	4.674E-01		6.24E-04	2.11E-04	3.35E-03	1.73E-03	0.46	2.93E-03	1.02E-03
67	4.885E-01		8.68E-04	2.18E-04	3.88E-03	1.80E-03	0.48	3.37E-03	1.06E-03
68	5.026E-01		1.44E-03	2.22E-04	5.00E-03	1.85E-03	0.49	4.36E-03	1.09E-03
69	5.048E-01		1.45E-03	2.23E-04	5.02E-03	1.87E-03	0.49	4.35E-03	1.09E-03
70	2.756E-01		2.34E-04	1.27E-04	1.69E-03	1.04E-03	0.27	1.58E-03	6.01E-04
71	3.093E-01		2.58E-04	1.47E-04	1.95E-03	1.16E-03	0.30	1.88E-03	6.74E-04
72	3.482E-01		2.86E-04	1.70E-04	2.26E-03	1.30E-03	0.34	2.20E-03	7.58E-04
73	3.922E-01		3.21E-04	1.94E-04	2.59E-03	1.45E-03	0.38	2.50E-03	8.54E-04
74	4.403E-01		3.64E-04	2.16E-04	2.92E-03	1.62E-03	0.43	2.76E-03	9.59E-04
75	4.890E-01		4.21E-04	2.35E-04	3.23E-03	1.78E-03	0.48	2.97E-03	1.06E-03
76	5.324E-01		5.03E-04	2.49E-04	3.55E-03	1.93E-03	0.52	3.17E-03	1.16E-03
77	5.657E-01		6.31E-04	2.60E-04	3.91E-03	2.05E-03	0.55	3.42E-03	1.23E-03
78	5.870E-01		8.66E-04	2.67E-04	4.43E-03	2.13E-03	0.57	3.84E-03	1.28E-03
79	5.980E-01		1.42E-03	2.71E-04	5.50E-03	2.17E-03	0.58	4.79E-03	1.29E-03
80	5.948E-01		1.43E-03	2.70E-04	5.52E-03	2.17E-03	0.58	4.77E-03	1.29E-03
81	3.147E-01		2.51E-04	1.51E-04	1.97E-03	1.17E-03	0.31	1.94E-03	6.86E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
82	3.592E-01		2.77E-04	1.80E-04	2.35E-03	1.32E-03	0.35	2.40E-03	7.82E-04
83	4.119E-01		3.07E-04	2.15E-04	2.80E-03	1.50E-03	0.40	2.90E-03	8.96E-04
84	4.729E-01		3.43E-04	2.50E-04	3.25E-03	1.71E-03	0.46	3.31E-03	1.03E-03
85	5.406E-01		3.86E-04	2.79E-04	3.66E-03	1.94E-03	0.53	3.58E-03	1.18E-03
86	6.080E-01		4.41E-04	3.01E-04	4.02E-03	2.16E-03	0.60	3.77E-03	1.32E-03
87	6.638E-01		5.18E-04	3.18E-04	4.35E-03	2.35E-03	0.65	3.94E-03	1.45E-03
88	7.004E-01		6.38E-04	3.29E-04	4.70E-03	2.49E-03	0.69	4.16E-03	1.53E-03
89	7.182E-01		8.60E-04	3.36E-04	5.20E-03	2.56E-03	0.70	4.55E-03	1.56E-03
90	7.223E-01		1.39E-03	3.39E-04	6.22E-03	2.58E-03	0.70	5.44E-03	1.57E-03
91	7.106E-01		1.39E-03	3.37E-04	6.21E-03	2.55E-03	0.69	5.36E-03	1.54E-03
92	3.627E-01		2.72E-04	1.83E-04	2.36E-03	1.33E-03	0.36	2.51E-03	7.89E-04
93	4.233E-01		3.00E-04	2.33E-04	2.97E-03	1.53E-03	0.41	3.39E-03	9.20E-04
94	4.980E-01		3.33E-04	2.93E-04	3.72E-03	1.77E-03	0.49	4.25E-03	1.08E-03
95	5.879E-01		3.70E-04	3.44E-04	4.37E-03	2.06E-03	0.57	4.77E-03	1.28E-03
96	6.902E-01		4.13E-04	3.81E-04	4.87E-03	2.39E-03	0.68	5.02E-03	1.50E-03
97	7.889E-01		4.65E-04	4.07E-04	5.26E-03	2.71E-03	0.77	5.11E-03	1.72E-03
98	8.583E-01		5.35E-04	4.25E-04	5.60E-03	2.95E-03	0.84	5.19E-03	1.87E-03
99	8.908E-01		6.44E-04	4.37E-04	5.95E-03	3.08E-03	0.87	5.37E-03	1.94E-03
100	8.969E-01		8.45E-04	4.43E-04	6.40E-03	3.12E-03	0.88	5.72E-03	1.95E-03
101	8.888E-01		1.34E-03	4.45E-04	7.34E-03	3.10E-03	0.87	6.50E-03	1.93E-03
102	8.645E-01		1.30E-03	4.40E-04	7.23E-03	3.04E-03	0.84	6.26E-03	1.88E-03
103	7.190E-01		3.97E-04	4.80E-04	5.99E-03	2.45E-03	0.70	5.95E-03	1.56E-03
104	8.760E-01		4.39E-04	5.25E-04	6.58E-03	2.93E-03	0.86	6.12E-03	1.91E-03
105	1.057E+00		4.93E-04	5.76E-04	7.27E-03	3.48E-03	1.04	6.40E-03	2.30E-03
106	1.124E+00		5.56E-04	5.92E-04	7.58E-03	3.73E-03	1.10	6.44E-03	2.45E-03
107	1.168E+00		6.50E-04	6.32E-04	8.23E-03	3.91E-03	1.14	6.88E-03	2.54E-03
108	1.148E+00		8.19E-04	6.37E-04	8.62E-03	3.87E-03	1.12	7.19E-03	2.50E-03
109	1.123E+00		1.23E-03	6.36E-04	9.40E-03	3.80E-03	1.10	8.61E-03	2.44E-03
110	1.082E+00		1.05E-03	6.29E-04	8.99E-03	3.70E-03	1.06	7.79E-03	2.35E-03
111	5.918E-01		3.59E-04	4.14E-04	5.16E-03	2.06E-03	0.58	5.49E-03	1.28E-03
112	4.801E-01		3.20E-04	2.98E-04	3.76E-03	1.71E-03	0.47	4.05E-03	1.04E-03

School - Teacher Receptors

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
26	2.419E-02		2.27E-05	1.04E-05	1.50E-04	9.53E-05	0.02	1.33E-04	5.27E-05
27	2.611E-02		2.40E-05	1.14E-05	1.64E-04	1.03E-04	0.03	1.47E-04	5.69E-05
28	2.822E-02		2.54E-05	1.24E-05	1.78E-04	1.11E-04	0.03	1.61E-04	6.15E-05
29	3.052E-02		2.67E-05	1.35E-05	1.94E-04	1.20E-04	0.03	1.75E-04	6.65E-05
30	3.295E-02		2.79E-05	1.46E-05	2.10E-04	1.29E-04	0.03	1.89E-04	7.18E-05
31	3.544E-02		2.89E-05	1.57E-05	2.26E-04	1.38E-04	0.03	2.02E-04	7.72E-05
32	3.787E-02		2.97E-05	1.67E-05	2.40E-04	1.46E-04	0.04	2.12E-04	8.25E-05
33	4.011E-02		3.04E-05	1.75E-05	2.53E-04	1.55E-04	0.04	2.21E-04	8.74E-05
34	4.206E-02		3.09E-05	1.83E-05	2.63E-04	1.62E-04	0.04	2.27E-04	9.17E-05
35	4.360E-02		3.11E-05	1.88E-05	2.71E-04	1.68E-04	0.04	2.31E-04	9.51E-05
36	4.459E-02		3.11E-05	1.92E-05	2.76E-04	1.72E-04	0.04	2.32E-04	9.72E-05
37	2.681E-02		2.48E-05	1.17E-05	1.68E-04	1.05E-04	0.03	1.52E-04	5.84E-05
38	2.915E-02		2.64E-05	1.28E-05	1.85E-04	1.14E-04	0.03	1.69E-04	6.35E-05
39	3.173E-02		2.79E-05	1.41E-05	2.04E-04	1.23E-04	0.03	1.87E-04	6.91E-05
40	3.455E-02		2.94E-05	1.55E-05	2.24E-04	1.34E-04	0.03	2.06E-04	7.53E-05
41	3.756E-02		3.07E-05	1.69E-05	2.44E-04	1.45E-04	0.04	2.23E-04	8.18E-05
42	4.064E-02		3.19E-05	1.82E-05	2.63E-04	1.56E-04	0.04	2.38E-04	8.85E-05
43	4.361E-02		3.28E-05	1.94E-05	2.80E-04	1.67E-04	0.04	2.50E-04	9.50E-05
44	4.628E-02		3.35E-05	2.05E-05	2.95E-04	1.76E-04	0.05	2.59E-04	1.01E-04
45	4.851E-02		3.39E-05	2.13E-05	3.06E-04	1.85E-04	0.05	2.66E-04	1.06E-04
46	5.017E-02		3.41E-05	2.18E-05	3.15E-04	1.91E-04	0.05	2.69E-04	1.09E-04
47	5.109E-02		3.39E-05	2.21E-05	3.19E-04	1.95E-04	0.05	2.69E-04	1.11E-04
48	2.991E-02		2.73E-05	1.32E-05	1.90E-04	1.15E-04	0.03	1.75E-04	6.52E-05
49	3.279E-02		2.91E-05	1.47E-05	2.12E-04	1.26E-04	0.03	1.98E-04	7.14E-05
50	3.600E-02		3.09E-05	1.64E-05	2.36E-04	1.38E-04	0.04	2.23E-04	7.84E-05
51	3.955E-02		3.26E-05	1.82E-05	2.62E-04	1.51E-04	0.04	2.47E-04	8.61E-05
52	4.336E-02		3.42E-05	1.99E-05	2.87E-04	1.65E-04	0.04	2.69E-04	9.44E-05
53	4.724E-02		3.55E-05	2.16E-05	3.11E-04	1.79E-04	0.05	2.87E-04	1.03E-04
54	5.092E-02		3.65E-05	2.30E-05	3.32E-04	1.92E-04	0.05	3.00E-04	1.11E-04
55	5.413E-02		3.72E-05	2.42E-05	3.48E-04	2.04E-04	0.05	3.09E-04	1.18E-04
56	5.665E-02		3.75E-05	2.51E-05	3.61E-04	2.13E-04	0.06	3.15E-04	1.23E-04
57	5.835E-02		3.75E-05	2.57E-05	3.70E-04	2.20E-04	0.06	3.17E-04	1.27E-04

Shiolh Business Park
Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
58	5.906E-02		3.71E-05	2.59E-05	3.73E-04	2.23E-04	0.06	3.16E-04	1.29E-04
59	3.360E-02		3.01E-05	1.51E-05	2.17E-04	1.28E-04	0.03	2.06E-04	7.32E-05
60	3.722E-02		3.22E-05	1.71E-05	2.46E-04	1.41E-04	0.04	2.38E-04	8.10E-05
61	4.132E-02		3.44E-05	1.93E-05	2.79E-04	1.56E-04	0.04	2.72E-04	8.99E-05
62	4.589E-02		3.64E-05	2.17E-05	3.13E-04	1.73E-04	0.04	3.05E-04	9.99E-05
63	5.083E-02		3.82E-05	2.40E-05	3.46E-04	1.90E-04	0.05	3.32E-04	1.11E-04
64	5.584E-02		3.97E-05	2.61E-05	3.76E-04	2.08E-04	0.05	3.53E-04	1.22E-04
65	6.049E-02		4.08E-05	2.78E-05	4.00E-04	2.24E-04	0.06	3.66E-04	1.32E-04
66	6.433E-02		4.14E-05	2.91E-05	4.19E-04	2.38E-04	0.06	3.75E-04	1.40E-04
67	6.708E-02		4.16E-05	3.01E-05	4.33E-04	2.49E-04	0.07	3.80E-04	1.46E-04
68	6.867E-02		4.14E-05	3.06E-05	4.41E-04	2.55E-04	0.07	3.81E-04	1.50E-04
69	6.896E-02		4.07E-05	3.08E-05	4.43E-04	2.57E-04	0.07	3.77E-04	1.50E-04
70	3.805E-02		3.35E-05	1.75E-05	2.52E-04	1.43E-04	0.04	2.48E-04	8.28E-05
71	4.271E-02		3.61E-05	2.03E-05	2.92E-04	1.60E-04	0.04	2.95E-04	9.29E-05
72	4.807E-02		3.87E-05	2.35E-05	3.38E-04	1.79E-04	0.05	3.46E-04	1.05E-04
73	5.415E-02		4.11E-05	2.68E-05	3.85E-04	2.00E-04	0.05	3.91E-04	1.18E-04
74	6.078E-02		4.32E-05	2.98E-05	4.29E-04	2.23E-04	0.06	4.25E-04	1.32E-04
75	6.746E-02		4.48E-05	3.23E-05	4.66E-04	2.46E-04	0.07	4.47E-04	1.47E-04
76	7.341E-02		4.59E-05	3.44E-05	4.95E-04	2.67E-04	0.07	4.59E-04	1.60E-04
77	7.793E-02		4.65E-05	3.58E-05	5.16E-04	2.83E-04	0.08	4.66E-04	1.70E-04
78	8.072E-02		4.64E-05	3.68E-05	5.30E-04	2.94E-04	0.08	4.69E-04	1.76E-04
79	8.188E-02		4.58E-05	3.73E-05	5.37E-04	2.99E-04	0.08	4.68E-04	1.78E-04
80	8.144E-02		4.47E-05	3.73E-05	5.37E-04	2.99E-04	0.08	4.60E-04	1.78E-04
81	4.346E-02		3.76E-05	2.08E-05	2.99E-04	1.61E-04	0.04	3.09E-04	9.45E-05
82	4.962E-02		4.07E-05	2.48E-05	3.58E-04	1.83E-04	0.05	3.86E-04	1.08E-04
83	5.690E-02		4.39E-05	2.97E-05	4.27E-04	2.07E-04	0.06	4.67E-04	1.24E-04
84	6.533E-02		4.68E-05	3.44E-05	4.96E-04	2.36E-04	0.06	5.31E-04	1.42E-04
85	7.466E-02		4.93E-05	3.84E-05	5.53E-04	2.67E-04	0.07	5.70E-04	1.62E-04
86	8.393E-02		5.11E-05	4.15E-05	5.98E-04	2.98E-04	0.08	5.88E-04	1.83E-04
87	9.159E-02		5.22E-05	4.38E-05	6.31E-04	3.25E-04	0.09	5.95E-04	1.99E-04
88	9.657E-02		5.25E-05	4.54E-05	6.54E-04	3.43E-04	0.09	5.98E-04	2.10E-04
89	9.888E-02		5.20E-05	4.63E-05	6.67E-04	3.53E-04	0.10	5.99E-04	2.15E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

			Cancer Risk						
Receptor #	Total Per/Million	Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
90	9.911E-02		5.09E-05	4.67E-05	6.73E-04	3.55E-04	0.10	5.95E-04	2.16E-04
91	9.749E-02		4.92E-05	4.65E-05	6.69E-04	3.52E-04	0.10	5.80E-04	2.12E-04
92	5.011E-02		4.26E-05	2.53E-05	3.64E-04	1.83E-04	0.05	4.08E-04	1.09E-04
93	5.852E-02		4.65E-05	3.21E-05	4.62E-04	2.11E-04	0.06	5.58E-04	1.27E-04
94	6.885E-02		5.04E-05	4.03E-05	5.81E-04	2.44E-04	0.07	7.02E-04	1.49E-04
95	8.126E-02		5.40E-05	4.74E-05	6.82E-04	2.85E-04	0.08	7.85E-04	1.76E-04
96	9.538E-02		5.69E-05	5.25E-05	7.55E-04	3.30E-04	0.09	8.20E-04	2.07E-04
97	1.090E-01		5.88E-05	5.61E-05	8.08E-04	3.74E-04	0.11	8.23E-04	2.37E-04
98	1.185E-01		5.97E-05	5.86E-05	8.44E-04	4.07E-04	0.12	8.17E-04	2.58E-04
99	1.229E-01		5.96E-05	6.02E-05	8.67E-04	4.25E-04	0.12	8.16E-04	2.68E-04
100	1.236E-01		5.85E-05	6.11E-05	8.80E-04	4.30E-04	0.12	8.15E-04	2.69E-04
101	1.222E-01		5.66E-05	6.13E-05	8.83E-04	4.28E-04	0.12	8.03E-04	2.66E-04
102	1.189E-01		5.41E-05	6.07E-05	8.74E-04	4.19E-04	0.12	7.70E-04	2.59E-04
103	9.943E-02		6.11E-05	6.61E-05	9.52E-04	3.38E-04	0.10	9.92E-04	2.15E-04
104	1.211E-01		6.45E-05	7.24E-05	1.04E-03	4.03E-04	0.12	1.01E-03	2.63E-04
105	1.460E-01		6.75E-05	7.95E-05	1.14E-03	4.80E-04	0.14	1.05E-03	3.17E-04
106	1.552E-01		6.79E-05	8.17E-05	1.18E-03	5.15E-04	0.15	1.04E-03	3.38E-04
107	1.612E-01		6.81E-05	8.72E-05	1.26E-03	5.39E-04	0.16	1.09E-03	3.51E-04
108	1.583E-01		6.60E-05	8.78E-05	1.26E-03	5.34E-04	0.15	1.09E-03	3.44E-04
109	1.547E-01		6.30E-05	8.78E-05	1.26E-03	5.24E-04	0.15	1.21E-03	3.36E-04
110	1.492E-01		5.94E-05	8.68E-05	1.25E-03	5.10E-04	0.15	1.12E-03	3.24E-04
111	8.187E-02		5.69E-05	5.70E-05	8.21E-04	2.84E-04	0.08	9.18E-04	1.77E-04
112	6.638E-02		5.18E-05	4.12E-05	5.93E-04	2.35E-04	0.06	6.74E-04	1.44E-04

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk										
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**	
		0.0009	**140**	**<-Max**	**0.00003**	**0.00001**	**0.00005**	**0.00005**	**0.00086**	**0.00002**	**0.00001**	**Residential**
		0.0108	**107**		**0.00021**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**0.00000**	**School - Student**
		0.0109	**107**		**0.00006**	**0.00013**	**0.00080**	**0.00046**	**0.01012**	**0.00033**	**0.00010**	**School - Teacher**
1	**1**	0.0002			5.05E-06	1.37E-06	1.07E-05	8.0924E-06	1.3831E-04	3.7635E-06	1.3299E-06	
2	**2**	0.0002			5.66E-06	1.44E-06	1.17E-05	8.6321E-06	1.4583E-04	4.1322E-06	1.4023E-06	
3	**3**	0.0002			6.45E-06	1.53E-06	1.30E-05	9.2503E-06	1.5423E-04	4.5949E-06	1.4830E-06	
4	**4**	0.0002			7.47E-06	1.62E-06	1.45E-05	9.9362E-06	1.6324E-04	5.1806E-06	1.5696E-06	
5	**5**	0.0002			8.88E-06	1.73E-06	1.66E-05	1.0725E-05	1.7327E-04	5.9637E-06	1.6661E-06	
6	**6**	0.0001			4.97E-06	1.35E-06	1.06E-05	8.1025E-06	1.3619E-04	3.7044E-06	1.3095E-06	
7	**7**	0.0002			5.56E-06	1.42E-06	1.15E-05	8.6502E-06	1.4347E-04	4.0582E-06	1.3795E-06	
8	**8**	0.0002			6.30E-06	1.50E-06	1.27E-05	9.2722E-06	1.5149E-04	4.4964E-06	1.4566E-06	
9	**9**	0.0002			7.28E-06	1.60E-06	1.42E-05	9.9946E-06	1.6049E-04	5.0618E-06	1.5432E-06	
10	**10**	0.0002			8.59E-06	1.70E-06	1.61E-05	1.0804E-05	1.7021E-04	5.7979E-06	1.6366E-06	
11	**11**	0.0001			4.86E-06	1.33E-06	1.04E-05	8.1147E-06	1.3394E-04	3.6287E-06	1.2879E-06	
12	**12**	0.0002			5.41E-06	1.40E-06	1.13E-05	8.6766E-06	1.4105E-04	3.9666E-06	1.3562E-06	
13	**13**	0.0002			6.12E-06	1.48E-06	1.24E-05	9.3184E-06	1.4890E-04	4.3835E-06	1.4317E-06	
14	**14**	0.0002			7.04E-06	1.57E-06	1.38E-05	1.0067E-05	1.5774E-04	4.9197E-06	1.5167E-06	
15	**15**	0.0002			8.26E-06	1.67E-06	1.56E-05	1.0905E-05	1.6723E-04	5.6074E-06	1.6080E-06	
16	**16**	0.0001			4.73E-06	1.30E-06	1.01E-05	8.1399E-06	1.3173E-04	3.5471E-06	1.2667E-06	
17	**17**	0.0002			5.26E-06	1.37E-06	1.10E-05	8.7228E-06	1.3874E-04	3.8712E-06	1.3340E-06	
18	**18**	0.0002			5.92E-06	1.45E-06	1.21E-05	9.3818E-06	1.4638E-04	4.2656E-06	1.4075E-06	
19	**19**	0.0002			6.77E-06	1.54E-06	1.34E-05	1.0128E-05	1.5470E-04	4.7584E-06	1.4875E-06	
20	**20**	0.0002			7.93E-06	1.63E-06	1.51E-05	1.0999E-05	1.6406E-04	5.4165E-06	1.5775E-06	
21	**21**	0.0001			4.61E-06	1.28E-06	9.92E-06	8.1831E-06	1.2964E-04	3.4665E-06	1.2465E-06	
22	**22**	0.0001			5.11E-06	1.35E-06	1.08E-05	8.7812E-06	1.3647E-04	3.7749E-06	1.3122E-06	
23	**23**	0.0002			5.73E-06	1.43E-06	1.18E-05	9.4629E-06	1.4398E-04	4.1516E-06	1.3844E-06	
24	**24**	0.0002			6.54E-06	1.51E-06	1.30E-05	1.0238E-05	1.5218E-04	4.6225E-06	1.4632E-06	
25	**25**	0.0002			7.60E-06	1.60E-06	1.46E-05	1.1116E-05	1.6111E-04	5.2302E-06	1.5491E-06	
113	**113**	0.0008			1.11E-05	7.11E-06	4.15E-05	4.0874E-05	7.5151E-04	1.3895E-05	7.2261E-06	
114	**114**	0.0007			1.01E-05	6.46E-06	3.75E-05	3.7108E-05	6.8458E-04	1.2534E-05	6.5825E-06	
115	**115**	0.0007			9.21E-06	5.88E-06	3.41E-05	3.3769E-05	6.2442E-04	1.1350E-05	6.0040E-06	
116	**116**	0.0006			8.46E-06	5.37E-06	3.11E-05	3.0830E-05	5.7064E-04	1.0319E-05	5.4869E-06	

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
117	**117**	0.0008	1.13E-05	7.35E-06	4.27E-05	4.2189E-05	7.7880E-04	1.4281E-05	7.4884E-06
118	**118**	0.0008	1.02E-05	6.63E-06	3.84E-05	3.8091E-05	7.0413E-04	1.2801E-05	6.7704E-06
119	**119**	0.0007	9.35E-06	6.00E-06	3.47E-05	3.4523E-05	6.3828E-04	1.1535E-05	6.1373E-06
120	**120**	0.0006	8.57E-06	5.45E-06	3.15E-05	3.1418E-05	5.8033E-04	1.0447E-05	5.5801E-06
121	**121**	0.0009	1.15E-05	7.55E-06	4.37E-05	4.3366E-05	8.0195E-04	1.4591E-05	7.7111E-06
122	**122**	0.0008	1.04E-05	6.77E-06	3.91E-05	3.8968E-05	7.2003E-04	1.3008E-05	6.9234E-06
123	**123**	0.0007	9.46E-06	6.09E-06	3.52E-05	3.5190E-05	6.4906E-04	1.1674E-05	6.2410E-06
124	**124**	0.0006	8.65E-06	5.51E-06	3.18E-05	3.1930E-05	5.8754E-04	1.0540E-05	5.6495E-06
125	**125**	0.0009	1.17E-05	7.71E-06	4.45E-05	4.4391E-05	8.2040E-04	1.4823E-05	7.8884E-06
126	**126**	0.0008	1.05E-05	6.87E-06	3.96E-05	3.9723E-05	7.3213E-04	1.3158E-05	7.0397E-06
127	**127**	0.0007	9.54E-06	6.16E-06	3.55E-05	3.5752E-05	6.5690E-04	1.1771E-05	6.3164E-06
128	**128**	0.0006	8.70E-06	5.56E-06	3.20E-05	3.2351E-05	5.9257E-04	1.0603E-05	5.6978E-06
129	**129**	0.0009	1.18E-05	7.82E-06	4.50E-05	4.5243E-05	8.3406E-04	1.4983E-05	8.0198E-06
130	**130**	0.0008	1.06E-05	6.94E-06	3.99E-05	4.0335E-05	7.4072E-04	1.3258E-05	7.1223E-06
131	**131**	0.0007	9.58E-06	6.21E-06	3.57E-05	3.6194E-05	6.6229E-04	1.1834E-05	6.3681E-06
132	**132**	0.0006	8.73E-06	5.59E-06	3.21E-05	3.2667E-05	5.9595E-04	1.0643E-05	5.7303E-06
133	**133**	0.0009	1.18E-05	7.90E-06	4.54E-05	4.5898E-05	8.4352E-04	1.5079E-05	8.1108E-06
134	**134**	0.0008	1.06E-05	6.99E-06	4.01E-05	4.0786E-05	7.4650E-04	1.3315E-05	7.1779E-06
135	**135**	0.0007	9.59E-06	6.24E-06	3.58E-05	3.6500E-05	6.6586E-04	1.1867E-05	6.4025E-06
136	**136**	0.0006	8.73E-06	5.61E-06	3.22E-05	3.2871E-05	5.9823E-04	1.0661E-05	5.7522E-06
137	**137**	0.0009	1.18E-05	7.96E-06	4.55E-05	4.6338E-05	8.4970E-04	1.5117E-05	8.1702E-06
138	**138**	0.0007	9.57E-06	6.27E-06	3.59E-05	3.6671E-05	6.6824E-04	1.1871E-05	6.4254E-06
139	**139**	0.0006	8.71E-06	5.63E-06	3.22E-05	3.2968E-05	5.9982E-04	1.0658E-05	5.7675E-06
140	**140**	0.0009	1.14E-05	7.96E-06	4.49E-05	4.6636E-05	8.5424E-04	1.4820E-05	8.2138E-06
141	**141**	0.0008	1.03E-05	7.02E-06	3.97E-05	4.1169E-05	7.5241E-04	1.3076E-05	7.2347E-06
142	**142**	0.0007	9.33E-06	6.25E-06	3.54E-05	3.6660E-05	6.6912E-04	1.1652E-05	6.4338E-06
143	**143**	0.0006	8.51E-06	5.61E-06	3.18E-05	3.2892E-05	5.9999E-04	1.0470E-05	5.7692E-06
144	**144**	0.0009	1.12E-05	7.90E-06	4.44E-05	4.6570E-05	8.5017E-04	1.4573E-05	8.1747E-06
145	**145**	0.0008	1.01E-05	6.96E-06	3.92E-05	4.1104E-05	7.4882E-04	1.2878E-05	7.2002E-06
146	**146**	0.0007	9.20E-06	6.20E-06	3.50E-05	3.6600E-05	6.6593E-04	1.1490E-05	6.4032E-06
147	**147**	0.0006	8.41E-06	5.57E-06	3.15E-05	3.2838E-05	5.9713E-04	1.0337E-05	5.7416E-06
148	**148**	0.0009	1.10E-05	7.80E-06	4.36E-05	4.6424E-05	8.4222E-04	1.4255E-05	8.0983E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
149	**149**	0.0008	9.94E-06	6.88E-06	3.86E-05	4.0991E-05	7.4212E-04	1.2627E-05	7.1357E-06
150	**150**	0.0007	9.05E-06	6.13E-06	3.45E-05	3.6512E-05	6.6018E-04	1.1288E-05	6.3479E-06
151	**151**	0.0006	8.28E-06	5.51E-06	3.11E-05	3.2769E-05	5.9213E-04	1.0171E-05	5.6936E-06
152	**152**	0.0009	1.08E-05	7.64E-06	4.25E-05	4.6103E-05	8.2982E-04	1.3856E-05	7.9791E-06
153	**153**	0.0008	9.75E-06	6.77E-06	3.78E-05	4.0764E-05	7.3200E-04	1.2318E-05	7.0384E-06
154	**154**	0.0007	8.89E-06	6.04E-06	3.38E-05	3.6346E-05	6.5171E-04	1.1042E-05	6.2665E-06
155	**155**	0.0006	8.15E-06	5.43E-06	3.05E-05	3.2647E-05	5.8491E-04	9.9712E-06	5.6242E-06
156	**156**	0.0009	1.05E-05	7.44E-06	4.13E-05	4.5467E-05	8.1217E-04	1.3368E-05	7.8093E-06
157	**157**	0.0008	9.55E-06	6.61E-06	3.68E-05	4.0319E-05	7.1804E-04	1.1941E-05	6.9042E-06
158	**158**	0.0007	8.72E-06	5.92E-06	3.30E-05	3.6030E-05	6.4035E-04	1.0745E-05	6.1572E-06
159	**159**	0.0006	8.00E-06	5.33E-06	2.99E-05	3.2417E-05	5.7545E-04	9.7329E-06	5.5331E-06
160	**160**	0.0008	1.03E-05	7.18E-06	3.98E-05	4.4382E-05	7.8825E-04	1.2804E-05	7.5794E-06
161	**161**	0.0008	9.35E-06	6.41E-06	3.56E-05	3.9548E-05	6.9952E-04	1.1498E-05	6.7262E-06
162	**162**	0.0007	8.54E-06	5.76E-06	3.21E-05	3.5474E-05	6.2566E-04	1.0394E-05	6.0159E-06
163	**163**	0.0006	7.85E-06	5.21E-06	2.91E-05	3.2006E-05	5.6335E-04	9.4510E-06	5.4168E-06
164	**164**	0.0008	1.01E-05	6.88E-06	3.81E-05	4.2791E-05	7.5762E-04	1.2197E-05	7.2848E-06
165	**165**	0.0007	9.16E-06	6.17E-06	3.42E-05	3.8375E-05	6.7588E-04	1.1008E-05	6.4989E-06
166	**166**	0.0007	8.37E-06	5.56E-06	3.10E-05	3.4575E-05	6.0623E-04	9.9882E-06	5.8291E-06
167	**167**	0.0006	7.69E-06	5.05E-06	2.82E-05	3.1331E-05	5.4780E-04	9.1184E-06	5.2673E-06
168	**168**	0.0008	9.85E-06	6.55E-06	3.63E-05	4.0745E-05	7.2115E-04	1.1581E-05	6.9341E-06
169	**169**	0.0007	8.96E-06	5.90E-06	3.28E-05	3.6802E-05	6.4731E-04	1.0495E-05	6.2241E-06
170	**170**	0.0006	8.19E-06	5.34E-06	2.98E-05	3.3362E-05	5.8352E-04	9.5607E-06	5.6108E-06
171	**171**	0.0006	7.54E-06	4.87E-06	2.72E-05	3.0403E-05	5.2983E-04	8.7639E-06	5.0945E-06
172	**172**	0.0007	9.61E-06	6.20E-06	3.44E-05	3.8377E-05	6.8086E-04	1.0979E-05	6.5468E-06
173	**173**	0.0007	8.75E-06	5.62E-06	3.12E-05	3.4906E-05	6.1492E-04	9.9838E-06	5.9127E-06
174	**174**	0.0006	8.01E-06	5.11E-06	2.85E-05	3.1856E-05	5.5761E-04	9.1272E-06	5.3616E-06
175	**175**	0.0005	7.38E-06	4.67E-06	2.61E-05	2.9203E-05	5.0882E-04	8.3934E-06	4.8925E-06
176	**176**	0.0007	9.33E-06	5.86E-06	3.26E-05	3.5847E-05	6.3902E-04	1.0398E-05	6.1444E-06
177	**177**	0.0006	8.52E-06	5.32E-06	2.97E-05	3.2810E-05	5.8039E-04	9.4860E-06	5.5806E-06
178	**178**	0.0006	7.82E-06	4.86E-06	2.72E-05	3.0129E-05	5.2919E-04	8.6983E-06	5.0884E-06
179	**179**	0.0005	7.21E-06	4.47E-06	2.50E-05	2.7784E-05	4.8538E-04	8.0213E-06	4.6672E-06
180	**180**	0.0006	9.03E-06	5.52E-06	3.08E-05	3.3294E-05	5.9745E-04	9.8417E-06	5.7447E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
181	**181**	0.0006	8.28E-06	5.03E-06	2.81E-05	3.0629E-05	5.4498E-04	9.0078E-06	5.2402E-06
182	**182**	0.0005	7.61E-06	4.61E-06	2.58E-05	2.8285E-05	4.9954E-04	8.2824E-06	4.8032E-06
183	**183**	0.0005	7.03E-06	4.25E-06	2.39E-05	2.6227E-05	4.6047E-04	7.6577E-06	4.4276E-06
184	**184**	0.0009	1.08E-05	7.24E-06	4.00E-05	4.4896E-05	8.0044E-04	1.2746E-05	7.6965E-06
185	**185**	0.0008	1.08E-05	6.59E-06	3.65E-05	3.8597E-05	7.1061E-04	1.1686E-05	6.8328E-06
186	**186**	0.0007	9.78E-06	5.95E-06	3.31E-05	3.5221E-05	6.4118E-04	1.0595E-05	6.1652E-06
187	**187**	0.0006	8.94E-06	5.40E-06	3.01E-05	3.2317E-05	5.8255E-04	9.6583E-06	5.6015E-06
188	**188**	0.0006	8.21E-06	4.93E-06	2.76E-05	2.9781E-05	5.3207E-04	8.8485E-06	5.1161E-06
189	**189**	0.0008	1.12E-05	6.80E-06	3.77E-05	3.8793E-05	7.2871E-04	1.2062E-05	7.0068E-06
190	**190**	0.0007	1.02E-05	6.13E-06	3.41E-05	3.5371E-05	6.5627E-04	1.0943E-05	6.3103E-06
191	**191**	0.0006	9.35E-06	5.57E-06	3.11E-05	3.2431E-05	5.9513E-04	9.9723E-06	5.7224E-06
192	**192**	0.0006	8.58E-06	5.08E-06	2.84E-05	2.9888E-05	5.4307E-04	9.1302E-06	5.2218E-06
193	**193**	0.0005	7.91E-06	4.65E-06	2.61E-05	2.7646E-05	4.9761E-04	8.3914E-06	4.7847E-06
194	**194**	0.0007	1.06E-05	6.30E-06	3.50E-05	3.5477E-05	6.7026E-04	1.1223E-05	6.4448E-06
195	**195**	0.0006	9.67E-06	5.71E-06	3.19E-05	3.2488E-05	6.0697E-04	1.0239E-05	5.8362E-06
196	**196**	0.0006	8.89E-06	5.20E-06	2.91E-05	2.9898E-05	5.5273E-04	9.3812E-06	5.3147E-06
197	**197**	0.0005	8.20E-06	4.76E-06	2.67E-05	2.7629E-05	5.0559E-04	8.6196E-06	4.8615E-06
198	**198**	0.0005	7.59E-06	4.38E-06	2.47E-05	2.5662E-05	4.6561E-04	7.9574E-06	4.4770E-06
199	**199**	0.0007	9.94E-06	5.83E-06	3.26E-05	3.2622E-05	6.1888E-04	1.0438E-05	5.9508E-06
200	**200**	0.0006	9.13E-06	5.32E-06	2.98E-05	2.9970E-05	5.6301E-04	9.5757E-06	5.4135E-06
201	**201**	0.0006	8.42E-06	4.87E-06	2.73E-05	2.7653E-05	5.1439E-04	8.8142E-06	4.9461E-06
202	**202**	0.0005	7.80E-06	4.47E-06	2.52E-05	2.5627E-05	4.7229E-04	8.1369E-06	4.5413E-06
203	**203**	0.0005	7.27E-06	4.13E-06	2.33E-05	2.3857E-05	4.3606E-04	7.5393E-06	4.1929E-06
204	**204**	0.0009	1.37E-05	8.03E-06	4.43E-05	4.3770E-05	8.5647E-04	1.3924E-05	8.2353E-06
205	**205**	0.0006	9.33E-06	5.42E-06	3.03E-05	3.0169E-05	5.7380E-04	9.7149E-06	5.5174E-06
206	**206**	0.0006	8.60E-06	4.96E-06	2.79E-05	2.7794E-05	5.2421E-04	8.9570E-06	5.0405E-06
207	**207**	0.0005	7.96E-06	4.55E-06	2.57E-05	2.5693E-05	4.8016E-04	8.2774E-06	4.6170E-06
208	**208**	0.0005	7.40E-06	4.20E-06	2.38E-05	2.3868E-05	4.4251E-04	7.6778E-06	4.2549E-06
209	**209**	0.0008	1.26E-05	7.29E-06	4.04E-05	3.9853E-05	7.7450E-04	1.2722E-05	7.4472E-06
210	**210**	0.0008	1.14E-05	6.61E-06	3.68E-05	3.6307E-05	7.0330E-04	1.1632E-05	6.7625E-06
211	**211**	0.0007	1.04E-05	6.02E-06	3.36E-05	3.3192E-05	6.3981E-04	1.0665E-05	6.1520E-06
212	**212**	0.0006	9.53E-06	5.50E-06	3.08E-05	3.0456E-05	5.8375E-04	9.8133E-06	5.6130E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
213	**213**	0.0006	8.76E-06	5.04E-06	2.83E-05	2.8041E-05	5.3398E-04	9.0590E-06	5.1344E-06
214	**214**	0.0005	8.10E-06	4.63E-06	2.61E-05	2.5898E-05	4.8948E-04	8.3853E-06	4.7065E-06
215	**215**	0.0005	7.52E-06	4.27E-06	2.42E-05	2.4003E-05	4.5030E-04	7.7826E-06	4.3298E-06
216	**216**	0.0008	1.31E-05	7.17E-06	3.99E-05	3.9692E-05	7.5145E-04	1.2637E-05	7.2255E-06
217	**217**	0.0007	1.19E-05	6.59E-06	3.68E-05	3.6368E-05	6.9403E-04	1.1665E-05	6.6733E-06
218	**218**	0.0007	1.09E-05	6.05E-06	3.39E-05	3.3407E-05	6.3935E-04	1.0771E-05	6.1476E-06
219	**219**	0.0006	9.94E-06	5.57E-06	3.13E-05	3.0796E-05	5.9026E-04	9.9541E-06	5.6756E-06
220	**220**	0.0006	9.13E-06	5.14E-06	2.89E-05	2.8450E-05	5.4463E-04	9.2111E-06	5.2369E-06
221	**221**	0.0005	8.41E-06	4.74E-06	2.68E-05	2.6344E-05	5.0293E-04	8.5406E-06	4.8359E-06
222	**222**	0.0007	1.20E-05	6.49E-06	3.64E-05	3.6184E-05	6.7859E-04	1.1541E-05	6.5249E-06
223	**223**	0.0007	1.10E-05	6.00E-06	3.37E-05	3.3316E-05	6.3010E-04	1.0726E-05	6.0587E-06
224	**224**	0.0006	1.01E-05	5.55E-06	3.12E-05	3.0764E-05	5.8484E-04	9.9593E-06	5.6235E-06
225	**225**	0.0006	9.30E-06	5.14E-06	2.90E-05	2.8492E-05	5.4330E-04	9.2540E-06	5.2241E-06
226	**226**	0.0005	8.58E-06	4.76E-06	2.69E-05	2.6436E-05	5.0409E-04	8.6009E-06	4.8470E-06
227	**227**	0.0007	1.11E-05	5.91E-06	3.33E-05	3.3134E-05	6.1588E-04	1.0589E-05	5.9219E-06
228	**228**	0.0006	1.02E-05	5.49E-06	3.10E-05	3.0644E-05	5.7485E-04	9.8887E-06	5.5274E-06
229	**229**	0.0006	9.43E-06	5.11E-06	2.89E-05	2.8426E-05	5.3691E-04	9.2357E-06	5.1626E-06
230	**230**	0.0005	8.72E-06	4.75E-06	2.69E-05	2.6420E-05	5.0074E-04	8.6167E-06	4.8148E-06
231	**231**	0.0006	1.02E-05	5.39E-06	3.05E-05	3.0465E-05	5.6151E-04	9.7398E-06	5.3991E-06
232	**232**	0.0006	9.49E-06	5.05E-06	2.86E-05	2.8301E-05	5.2723E-04	9.1460E-06	5.0695E-06
233	**233**	0.0005	8.81E-06	4.72E-06	2.68E-05	2.6351E-05	4.9465E-04	8.5822E-06	4.7562E-06
234	**234**	0.0005	8.18E-06	4.41E-06	2.51E-05	2.4581E-05	4.6356E-04	8.0456E-06	4.4573E-06
235	**235**	0.0006	9.46E-06	4.95E-06	2.81E-05	2.8127E-05	5.1482E-04	8.9950E-06	4.9502E-06
236	**236**	0.0005	8.83E-06	4.65E-06	2.65E-05	2.6227E-05	4.8553E-04	8.4824E-06	4.6685E-06
237	**237**	0.0005	8.23E-06	4.37E-06	2.49E-05	2.4496E-05	4.5703E-04	7.9893E-06	4.3945E-06
238	**238**	0.0005	7.69E-06	4.10E-06	2.34E-05	2.2933E-05	4.3047E-04	7.5263E-06	4.1391E-06
239	**239**	0.0005	8.77E-06	4.56E-06	2.60E-05	2.6062E-05	4.7417E-04	8.3319E-06	4.5593E-06
240	**240**	0.0005	8.22E-06	4.31E-06	2.46E-05	2.4380E-05	4.4870E-04	7.8866E-06	4.3145E-06
241	**241**	0.0005	7.71E-06	4.06E-06	2.32E-05	2.2840E-05	4.2388E-04	7.4552E-06	4.0757E-06
242	**242**	0.0004	7.23E-06	3.83E-06	2.19E-05	2.1450E-05	4.0087E-04	7.0520E-06	3.8546E-06
243	**243**	0.0006	1.30E-05	5.77E-06	3.35E-05	4.0199E-05	5.6501E-04	1.0700E-05	5.4328E-06
244	**244**	0.0006	1.25E-05	5.76E-06	3.31E-05	3.8486E-05	5.7042E-04	1.0563E-05	5.4848E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
245	**245**	0.0006	1.20E-05	5.66E-06	3.24E-05	3.6500E-05	5.6786E-04	1.0321E-05	5.4602E-06
246	**246**	0.0006	1.13E-05	5.50E-06	3.14E-05	3.4366E-05	5.5770E-04	9.9927E-06	5.3625E-06
247	**247**	0.0006	1.06E-05	5.29E-06	3.01E-05	3.2192E-05	5.4077E-04	9.5994E-06	5.1997E-06
248	**248**	0.0006	9.99E-06	5.06E-06	2.88E-05	3.0089E-05	5.2008E-04	9.1816E-06	5.0008E-06
249	**249**	0.0005	9.39E-06	4.81E-06	2.74E-05	2.8104E-05	4.9679E-04	8.7556E-06	4.7769E-06
250	**250**	0.0006	1.18E-05	5.26E-06	3.06E-05	3.6734E-05	5.1886E-04	9.8155E-06	4.9890E-06
251	**251**	0.0006	1.14E-05	5.24E-06	3.03E-05	3.5185E-05	5.2268E-04	9.6866E-06	5.0258E-06
252	**252**	0.0006	1.09E-05	5.16E-06	2.97E-05	3.3421E-05	5.1988E-04	9.4712E-06	4.9988E-06
253	**253**	0.0006	1.03E-05	5.03E-06	2.88E-05	3.1540E-05	5.1077E-04	9.1844E-06	4.9112E-06
254	**254**	0.0005	9.74E-06	4.84E-06	2.77E-05	2.9631E-05	4.9601E-04	8.8422E-06	4.7693E-06
255	**255**	0.0005	9.19E-06	4.64E-06	2.65E-05	2.7781E-05	4.7809E-04	8.4788E-06	4.5970E-06
256	**256**	0.0005	8.67E-06	4.43E-06	2.53E-05	2.6023E-05	4.5745E-04	8.1006E-06	4.3986E-06
257	**257**	0.0005	1.07E-05	4.82E-06	2.81E-05	3.3712E-05	4.7852E-04	9.0470E-06	4.6012E-06
258	**258**	0.0005	1.04E-05	4.81E-06	2.78E-05	3.2309E-05	4.8116E-04	8.9260E-06	4.6265E-06
259	**259**	0.0005	9.94E-06	4.73E-06	2.73E-05	3.0733E-05	4.7823E-04	8.7331E-06	4.5983E-06
260	**260**	0.0005	9.47E-06	4.61E-06	2.65E-05	2.9068E-05	4.7004E-04	8.4808E-06	4.5196E-06
261	**261**	0.0005	8.97E-06	4.46E-06	2.56E-05	2.7380E-05	4.5710E-04	8.1803E-06	4.3952E-06
262	**262**	0.0005	8.49E-06	4.28E-06	2.45E-05	2.5743E-05	4.4140E-04	7.8604E-06	4.2442E-06
263	**263**	0.0005	8.04E-06	4.10E-06	2.35E-05	2.4187E-05	4.2351E-04	7.5285E-06	4.0723E-06
264	**264**	0.0005	9.85E-06	4.45E-06	2.60E-05	3.1061E-05	4.4324E-04	8.3793E-06	4.2619E-06
265	**265**	0.0005	9.52E-06	4.43E-06	2.57E-05	2.9787E-05	4.4487E-04	8.2632E-06	4.2776E-06
266	**266**	0.0005	9.14E-06	4.36E-06	2.52E-05	2.8374E-05	4.4182E-04	8.0876E-06	4.2483E-06
267	**267**	0.0005	8.73E-06	4.26E-06	2.45E-05	2.6890E-05	4.3444E-04	7.8638E-06	4.1773E-06
268	**268**	0.0005	8.30E-06	4.12E-06	2.37E-05	2.5396E-05	4.2339E-04	7.6036E-06	4.0711E-06
269	**269**	0.0004	7.88E-06	3.97E-06	2.28E-05	2.3938E-05	4.0945E-04	7.3179E-06	3.9370E-06
270	**270**	0.0004	7.47E-06	3.81E-06	2.18E-05	2.2550E-05	3.9369E-04	7.0216E-06	3.7855E-06
271	**271**	0.0004	9.07E-06	4.11E-06	2.41E-05	2.8720E-05	4.1185E-04	7.7873E-06	3.9601E-06
272	**272**	0.0004	8.78E-06	4.09E-06	2.38E-05	2.7561E-05	4.1283E-04	7.6789E-06	3.9695E-06
273	**273**	0.0004	8.45E-06	4.03E-06	2.34E-05	2.6289E-05	4.0979E-04	7.5198E-06	3.9402E-06
274	**274**	0.0004	8.08E-06	3.94E-06	2.28E-05	2.4961E-05	4.0308E-04	7.3192E-06	3.8758E-06
275	**275**	0.0004	7.71E-06	3.83E-06	2.21E-05	2.3626E-05	3.9324E-04	7.0874E-06	3.7812E-06
276	**276**	0.0004	7.34E-06	3.69E-06	2.13E-05	2.2325E-05	3.8109E-04	6.8358E-06	3.6643E-06

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
277	**277**	0.0004	6.98E-06	3.55E-06	2.04E-05	2.1080E-05	3.6701E-04	6.5680E-06	3.5289E-06
278	**278**	0.0003	3.24E-05	2.89E-06	4.90E-05	2.3658E-05	2.8426E-04	1.8554E-05	2.7333E-06
279	**279**	0.0003	2.91E-05	2.99E-06	4.52E-05	2.4990E-05	2.9339E-04	1.6981E-05	2.8211E-06
280	**280**	0.0004	2.38E-05	3.26E-06	3.94E-05	2.8478E-05	3.1859E-04	1.4521E-05	3.0634E-06
281	**281**	0.0004	2.21E-05	3.20E-06	3.72E-05	2.8287E-05	3.1376E-04	1.3644E-05	3.0170E-06
282	**282**	0.0004	2.19E-05	3.51E-06	3.78E-05	3.1339E-05	3.4213E-04	1.3763E-05	3.2897E-06
283	**283**	0.0003	2.25E-05	2.95E-06	3.70E-05	2.5576E-05	2.8965E-04	1.3690E-05	2.7851E-06
					School - Student Receptors				
26	**26**	0.0016	2.42E-05	1.59E-05	9.33E-05	8.0767E-05	1.5211E-03	3.5088E-05	1.4626E-05
27	**27**	0.0018	2.67E-05	1.73E-05	1.03E-04	8.7216E-05	1.6415E-03	3.8913E-05	1.5783E-05
28	**28**	0.0019	2.98E-05	1.89E-05	1.13E-04	9.4134E-05	1.7738E-03	4.3228E-05	1.7056E-05
29	**29**	0.0021	3.37E-05	2.06E-05	1.26E-04	1.0145E-04	1.9179E-03	4.8036E-05	1.8441E-05
30	**30**	0.0022	3.92E-05	2.23E-05	1.40E-04	1.0904E-04	2.0710E-03	5.3451E-05	1.9913E-05
31	**31**	0.0024	4.71E-05	2.39E-05	1.57E-04	1.1669E-04	2.2277E-03	5.9852E-05	2.1421E-05
32	**32**	0.0026	5.95E-05	2.54E-05	1.80E-04	1.2416E-04	2.3808E-03	6.8136E-05	2.2893E-05
33	**33**	0.0027	8.05E-05	2.68E-05	2.12E-04	1.3114E-04	2.5224E-03	8.0252E-05	2.4254E-05
34	**34**	0.0029	1.19E-04	2.79E-05	2.64E-04	1.3730E-04	2.6452E-03	1.0072E-04	2.5435E-05
35	**35**	0.0030	2.06E-04	2.87E-05	3.75E-04	1.4231E-04	2.7428E-03	1.4470E-04	2.6373E-05
36	**36**	0.0031	1.92E-04	2.92E-05	3.61E-04	1.4582E-04	2.8054E-03	1.3802E-04	2.6975E-05
37	**37**	0.0018	2.56E-05	1.78E-05	1.03E-04	8.8620E-05	1.6856E-03	3.9252E-05	1.6207E-05
38	**38**	0.0020	2.82E-05	1.96E-05	1.14E-04	9.6309E-05	1.8317E-03	4.3936E-05	1.7612E-05
39	**39**	0.0021	3.14E-05	2.16E-05	1.27E-04	1.0464E-04	1.9935E-03	4.9199E-05	1.9168E-05
40	**40**	0.0023	3.56E-05	2.37E-05	1.42E-04	1.1351E-04	2.1708E-03	5.4933E-05	2.0873E-05
41	**41**	0.0025	4.12E-05	2.58E-05	1.58E-04	1.2277E-04	2.3602E-03	6.1130E-05	2.2694E-05
42	**42**	0.0028	4.91E-05	2.78E-05	1.77E-04	1.3213E-04	2.5539E-03	6.8049E-05	2.4557E-05
43	**43**	0.0030	6.11E-05	2.97E-05	2.00E-04	1.4121E-04	2.7411E-03	7.6438E-05	2.6357E-05
44	**44**	0.0031	8.07E-05	3.12E-05	2.32E-04	1.4954E-04	2.9102E-03	8.7979E-05	2.7982E-05
45	**45**	0.0033	1.16E-04	3.24E-05	2.81E-04	1.5663E-04	3.0509E-03	1.0669E-04	2.9336E-05
46	**46**	0.0035	1.96E-04	3.33E-05	3.84E-04	1.6206E-04	3.1558E-03	1.4728E-04	3.0344E-05
47	**47**	0.0035	1.91E-04	3.38E-05	3.81E-04	1.6546E-04	3.2138E-03	1.4498E-04	3.0902E-05
48	**48**	0.0020	2.71E-05	2.01E-05	1.15E-04	9.7772E-05	1.8797E-03	4.4479E-05	1.8074E-05
49	**49**	0.0022	2.99E-05	2.24E-05	1.28E-04	1.0706E-04	2.0600E-03	5.0415E-05	1.9807E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
50	**50**	0.0024	3.33E-05	2.50E-05	1.44E-04	1.1723E-04	2.2615E-03	5.7055E-05	2.1745E-05
51	**51**	0.0027	3.76E-05	2.77E-05	1.62E-04	1.2820E-04	2.4841E-03	6.4078E-05	2.3886E-05
52	**52**	0.0029	4.32E-05	3.04E-05	1.81E-04	1.3971E-04	2.7234E-03	7.1255E-05	2.6187E-05
53	**53**	0.0032	5.11E-05	3.29E-05	2.03E-04	1.5136E-04	2.9678E-03	7.8707E-05	2.8537E-05
54	**54**	0.0034	6.27E-05	3.51E-05	2.27E-04	1.6254E-04	3.2003E-03	8.7135E-05	3.0772E-05
55	**55**	0.0037	8.12E-05	3.69E-05	2.58E-04	1.7253E-04	3.4031E-03	9.8201E-05	3.2722E-05
56	**56**	0.0039	1.15E-04	3.83E-05	3.06E-04	1.8061E-04	3.5624E-03	1.1591E-04	3.4253E-05
57	**57**	0.0040	1.92E-04	3.92E-05	4.06E-04	1.8627E-04	3.6698E-03	1.5512E-04	3.5287E-05
58	**58**	0.0041	1.91E-04	3.95E-05	4.07E-04	1.8917E-04	3.7151E-03	1.5440E-04	3.5722E-05
59	**59**	0.0023	2.88E-05	2.30E-05	1.29E-04	1.0853E-04	2.1109E-03	5.1280E-05	2.0297E-05
60	**60**	0.0025	3.17E-05	2.61E-05	1.47E-04	1.1992E-04	2.3376E-03	5.9163E-05	2.2477E-05
61	**61**	0.0028	3.53E-05	2.95E-05	1.67E-04	1.3258E-04	2.5940E-03	6.7943E-05	2.4943E-05
62	**62**	0.0031	3.97E-05	3.31E-05	1.89E-04	1.4641E-04	2.8807E-03	7.6831E-05	2.7699E-05
63	**63**	0.0034	4.54E-05	3.67E-05	2.12E-04	1.6107E-04	3.1912E-03	8.5217E-05	3.0684E-05
64	**64**	0.0038	5.31E-05	3.98E-05	2.36E-04	1.7589E-04	3.5073E-03	9.3128E-05	3.3724E-05
65	**65**	0.0041	6.43E-05	4.24E-05	2.62E-04	1.8987E-04	3.8009E-03	1.0141E-04	3.6547E-05
66	**66**	0.0044	8.20E-05	4.44E-05	2.94E-04	2.0183E-04	4.0439E-03	1.1193E-04	3.8884E-05
67	**67**	0.0046	1.14E-04	4.59E-05	3.40E-04	2.1079E-04	4.2182E-03	1.2886E-04	4.0559E-05
68	**68**	0.0047	1.90E-04	4.67E-05	4.38E-04	2.1624E-04	4.3183E-03	1.6681E-04	4.1522E-05
69	**69**	0.0047	1.90E-04	4.69E-05	4.40E-04	2.1806E-04	4.3374E-03	1.6639E-04	4.1706E-05
70	**70**	0.0026	3.07E-05	2.67E-05	1.48E-04	1.2130E-04	2.3890E-03	6.0557E-05	2.2971E-05
71	**71**	0.0029	3.39E-05	3.09E-05	1.71E-04	1.3551E-04	2.6803E-03	7.1767E-05	2.5772E-05
72	**72**	0.0033	3.76E-05	3.58E-05	1.98E-04	1.5163E-04	3.0157E-03	8.4155E-05	2.8997E-05
73	**73**	0.0037	4.22E-05	4.08E-05	2.27E-04	1.6955E-04	3.3965E-03	9.5799E-05	3.2659E-05
74	**74**	0.0041	4.79E-05	4.55E-05	2.56E-04	1.8878E-04	3.8137E-03	1.0551E-04	3.6670E-05
75	**75**	0.0046	5.54E-05	4.93E-05	2.83E-04	2.0817E-04	4.2356E-03	1.1354E-04	4.0727E-05
76	**76**	0.0050	6.61E-05	5.24E-05	3.11E-04	2.2590E-04	4.6120E-03	1.2124E-04	4.4346E-05
77	**77**	0.0053	8.30E-05	5.47E-05	3.43E-04	2.4002E-04	4.8979E-03	1.3096E-04	4.7095E-05
78	**78**	0.0055	1.14E-04	5.61E-05	3.88E-04	2.4932E-04	5.0745E-03	1.4699E-04	4.8794E-05
79	**79**	0.0056	1.87E-04	5.69E-05	4.82E-04	2.5374E-04	5.1482E-03	1.8336E-04	4.9502E-05
80	**80**	0.0056	1.88E-04	5.69E-05	4.84E-04	2.5363E-04	5.1207E-03	1.8234E-04	4.9237E-05
81	**81**	0.0029	3.30E-05	3.17E-05	1.73E-04	1.3659E-04	2.7266E-03	7.4086E-05	2.6217E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
82	**82**	0.0034	3.64E-05	3.79E-05	2.06E-04	1.5468E-04	3.1101E-03	9.1831E-05	2.9905E-05
83	**83**	0.0039	4.04E-05	4.53E-05	2.45E-04	1.7577E-04	3.5641E-03	1.1093E-04	3.4270E-05
84	**84**	0.0044	4.51E-05	5.25E-05	2.85E-04	1.9984E-04	4.0924E-03	1.2649E-04	3.9350E-05
85	**85**	0.0050	5.07E-05	5.86E-05	3.21E-04	2.2614E-04	4.6805E-03	1.3710E-04	4.5005E-05
86	**86**	0.0057	5.80E-05	6.34E-05	3.52E-04	2.5245E-04	5.2673E-03	1.4426E-04	5.0647E-05
87	**87**	0.0062	6.81E-05	6.68E-05	3.81E-04	2.7510E-04	5.7526E-03	1.5052E-04	5.5314E-05
88	**88**	0.0065	8.39E-05	6.93E-05	4.12E-04	2.9092E-04	6.0681E-03	1.5902E-04	5.8347E-05
89	**89**	0.0067	1.13E-04	7.07E-05	4.56E-04	2.9923E-04	6.2142E-03	1.7389E-04	5.9752E-05
90	**90**	0.0067	1.83E-04	7.13E-05	5.45E-04	3.0126E-04	6.2290E-03	2.0801E-04	5.9894E-05
91	**91**	0.0066	1.82E-04	7.09E-05	5.44E-04	2.9809E-04	6.1267E-03	2.0494E-04	5.8910E-05
92	**92**	0.0034	3.58E-05	3.86E-05	2.07E-04	1.5504E-04	3.1398E-03	9.5857E-05	3.0190E-05
93	**93**	0.0040	3.95E-05	4.90E-05	2.61E-04	1.7866E-04	3.6589E-03	1.2968E-04	3.5182E-05
94	**94**	0.0047	4.38E-05	6.15E-05	3.26E-04	2.0722E-04	4.3003E-03	1.6245E-04	4.1349E-05
95	**95**	0.0055	4.87E-05	7.23E-05	3.83E-04	2.4117E-04	5.0790E-03	1.8237E-04	4.8837E-05
96	**96**	0.0064	5.43E-05	8.00E-05	4.27E-04	2.7939E-04	5.9716E-03	1.9189E-04	5.7419E-05
97	**97**	0.0073	6.11E-05	8.56E-05	4.61E-04	3.1686E-04	6.8338E-03	1.9554E-04	6.5710E-05
98	**98**	0.0080	7.04E-05	8.94E-05	4.91E-04	3.4517E-04	7.4395E-03	1.9860E-04	7.1534E-05
99	**99**	0.0083	8.47E-05	9.19E-05	5.21E-04	3.6029E-04	7.7185E-03	2.0547E-04	7.4217E-05
100	**100**	0.0083	1.11E-04	9.32E-05	5.61E-04	3.6480E-04	7.7634E-03	2.1877E-04	7.4648E-05
101	**101**	0.0083	1.76E-04	9.36E-05	6.43E-04	3.6260E-04	7.6731E-03	2.4861E-04	7.3780E-05
102	**102**	0.0081	1.70E-04	9.26E-05	6.34E-04	3.5517E-04	7.4626E-03	2.3946E-04	7.1755E-05
103	**103**	0.0067	5.22E-05	1.01E-04	5.25E-04	2.8618E-04	6.2056E-03	2.2763E-04	5.9669E-05
104	**104**	0.0082	5.77E-05	1.10E-04	5.77E-04	3.4190E-04	7.5784E-03	2.3414E-04	7.2870E-05
105	**105**	0.0098	6.48E-05	1.21E-04	6.38E-04	4.0706E-04	9.1577E-03	2.4495E-04	8.8055E-05
106	**106**	0.0104	7.31E-05	1.25E-04	6.64E-04	4.3642E-04	9.7408E-03	2.4641E-04	9.3662E-05
107	**107**	0.0108	8.54E-05	1.33E-04	7.21E-04	4.5657E-04	1.0117E-02	2.6303E-04	9.7279E-05
108	**108**	0.0107	1.08E-04	1.34E-04	7.55E-04	4.5266E-04	9.9328E-03	2.7513E-04	9.5508E-05
109	**109**	0.0105	1.62E-04	1.34E-04	8.24E-04	4.4454E-04	9.6922E-03	3.2910E-04	9.3194E-05
110	**110**	0.0101	1.37E-04	1.32E-04	7.88E-04	4.3203E-04	9.3477E-03	2.9803E-04	8.9882E-05
111	**111**	0.0056	4.72E-05	8.70E-05	4.53E-04	2.4032E-04	5.0999E-03	2.1015E-04	4.9038E-05
112	**112**	0.0045	4.21E-05	6.28E-05	3.29E-04	1.9937E-04	4.1439E-03	1.5506E-04	3.9845E-05

School - Teacher Receptors

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
26	**26**	0.0016	2.17E-05	1.59E-05	9.53E-05	8.0767E-05	1.5211E-03	3.6957E-05	1.4626E-05
27	**27**	0.0018	2.29E-05	1.73E-05	1.04E-04	8.7216E-05	1.6415E-03	4.0691E-05	1.5783E-05
28	**28**	0.0019	2.42E-05	1.89E-05	1.13E-04	9.4134E-05	1.7738E-03	4.4664E-05	1.7056E-05
29	**29**	0.0021	2.54E-05	2.06E-05	1.23E-04	1.0145E-04	1.9179E-03	4.8672E-05	1.8441E-05
30	**30**	0.0022	2.66E-05	2.23E-05	1.34E-04	1.0904E-04	2.0710E-03	5.2500E-05	1.9913E-05
31	**31**	0.0024	2.75E-05	2.39E-05	1.43E-04	1.1669E-04	2.2277E-03	5.5961E-05	2.1421E-05
32	**32**	0.0026	2.83E-05	2.54E-05	1.53E-04	1.2416E-04	2.3808E-03	5.8916E-05	2.2893E-05
33	**33**	0.0027	2.90E-05	2.68E-05	1.61E-04	1.3114E-04	2.5224E-03	6.1278E-05	2.4254E-05
34	**34**	0.0028	2.94E-05	2.79E-05	1.67E-04	1.3730E-04	2.6452E-03	6.2999E-05	2.5435E-05
35	**35**	0.0029	2.96E-05	2.87E-05	1.72E-04	1.4231E-04	2.7428E-03	6.4081E-05	2.6373E-05
36	**36**	0.0030	2.96E-05	2.92E-05	1.75E-04	1.4582E-04	2.8054E-03	6.4425E-05	2.6975E-05
37	**37**	0.0018	2.37E-05	1.78E-05	1.07E-04	8.8620E-05	1.6856E-03	4.2074E-05	1.6207E-05
38	**38**	0.0020	2.51E-05	1.96E-05	1.18E-04	9.6309E-05	1.8317E-03	4.6871E-05	1.7612E-05
39	**39**	0.0022	2.66E-05	2.16E-05	1.30E-04	1.0464E-04	1.9935E-03	5.2008E-05	1.9168E-05
40	**40**	0.0023	2.80E-05	2.37E-05	1.42E-04	1.1351E-04	2.1708E-03	5.7147E-05	2.0873E-05
41	**41**	0.0025	2.93E-05	2.58E-05	1.55E-04	1.2277E-04	2.3602E-03	6.1931E-05	2.2694E-05
42	**42**	0.0028	3.04E-05	2.78E-05	1.67E-04	1.3213E-04	2.5539E-03	6.6081E-05	2.4557E-05
43	**43**	0.0030	3.13E-05	2.97E-05	1.78E-04	1.4121E-04	2.7411E-03	6.9440E-05	2.6357E-05
44	**44**	0.0031	3.20E-05	3.12E-05	1.87E-04	1.4954E-04	2.9102E-03	7.1968E-05	2.7982E-05
45	**45**	0.0033	3.24E-05	3.24E-05	1.95E-04	1.5663E-04	3.0509E-03	7.3676E-05	2.9336E-05
46	**46**	0.0034	3.25E-05	3.33E-05	2.00E-04	1.6206E-04	3.1558E-03	7.4605E-05	3.0344E-05
47	**47**	0.0035	3.23E-05	3.38E-05	2.03E-04	1.6546E-04	3.2138E-03	7.4637E-05	3.0902E-05
48	**48**	0.0020	2.60E-05	2.01E-05	1.21E-04	9.7772E-05	1.8797E-03	4.8562E-05	1.8074E-05
49	**49**	0.0022	2.77E-05	2.24E-05	1.35E-04	1.0706E-04	2.0600E-03	5.4926E-05	1.9807E-05
50	**50**	0.0024	2.94E-05	2.50E-05	1.50E-04	1.1723E-04	2.2615E-03	6.1788E-05	2.1745E-05
51	**51**	0.0027	3.11E-05	2.77E-05	1.66E-04	1.2820E-04	2.4841E-03	6.8543E-05	2.3886E-05
52	**52**	0.0029	3.26E-05	3.04E-05	1.83E-04	1.3971E-04	2.7234E-03	7.4582E-05	2.6187E-05
53	**53**	0.0032	3.38E-05	3.29E-05	1.98E-04	1.5136E-04	2.9678E-03	7.9501E-05	2.8537E-05
54	**54**	0.0034	3.48E-05	3.51E-05	2.11E-04	1.6254E-04	3.2003E-03	8.3192E-05	3.0772E-05
55	**55**	0.0037	3.54E-05	3.69E-05	2.21E-04	1.7253E-04	3.4031E-03	8.5759E-05	3.2722E-05
56	**56**	0.0038	3.58E-05	3.83E-05	2.30E-04	1.8061E-04	3.5624E-03	8.7337E-05	3.4253E-05
57	**57**	0.0039	3.58E-05	3.92E-05	2.35E-04	1.8627E-04	3.6698E-03	8.8009E-05	3.5287E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	Receptor #	Max Chronic Rec#	Demolition	Site Prep	Grading	Foundation	Build. Const	Paving	Arch. Coating
58	**58**	0.0040	3.54E-05	3.95E-05	2.37E-04	1.8917E-04	3.7151E-03	8.7581E-05	3.5722E-05
59	**59**	0.0023	2.87E-05	2.30E-05	1.38E-04	1.0853E-04	2.1109E-03	5.7062E-05	2.0297E-05
60	**60**	0.0025	3.07E-05	2.61E-05	1.56E-04	1.1992E-04	2.3376E-03	6.5881E-05	2.2477E-05
61	**61**	0.0028	3.28E-05	2.95E-05	1.77E-04	1.3258E-04	2.5940E-03	7.5447E-05	2.4943E-05
62	**62**	0.0031	3.47E-05	3.31E-05	1.99E-04	1.4641E-04	2.8807E-03	8.4575E-05	2.7699E-05
63	**63**	0.0034	3.65E-05	3.67E-05	2.20E-04	1.6107E-04	3.1912E-03	9.2200E-05	3.0684E-05
64	**64**	0.0038	3.79E-05	3.98E-05	2.39E-04	1.7589E-04	3.5073E-03	9.7842E-05	3.3724E-05
65	**65**	0.0041	3.89E-05	4.24E-05	2.54E-04	1.8987E-04	3.8009E-03	1.0163E-04	3.6547E-05
66	**66**	0.0043	3.95E-05	4.44E-05	2.67E-04	2.0183E-04	4.0439E-03	1.0401E-04	3.8884E-05
67	**67**	0.0045	3.97E-05	4.59E-05	2.75E-04	2.1079E-04	4.2182E-03	1.0531E-04	4.0559E-05
68	**68**	0.0046	3.95E-05	4.67E-05	2.80E-04	2.1624E-04	4.3183E-03	1.0560E-04	4.1522E-05
69	**69**	0.0047	3.88E-05	4.69E-05	2.82E-04	2.1806E-04	4.3374E-03	1.0450E-04	4.1706E-05
70	**70**	0.0026	3.20E-05	2.67E-05	1.60E-04	1.2130E-04	2.3890E-03	6.8708E-05	2.2971E-05
71	**71**	0.0029	3.44E-05	3.09E-05	1.86E-04	1.3551E-04	2.6803E-03	8.1733E-05	2.5772E-05
72	**72**	0.0033	3.69E-05	3.58E-05	2.15E-04	1.5163E-04	3.0157E-03	9.5868E-05	2.8997E-05
73	**73**	0.0037	3.92E-05	4.08E-05	2.45E-04	1.6955E-04	3.3965E-03	1.0852E-04	3.2659E-05
74	**74**	0.0041	4.12E-05	4.55E-05	2.73E-04	1.8878E-04	3.8137E-03	1.1792E-04	3.6670E-05
75	**75**	0.0046	4.27E-05	4.93E-05	2.96E-04	2.0817E-04	4.2356E-03	1.2390E-04	4.0727E-05
76	**76**	0.0050	4.38E-05	5.24E-05	3.14E-04	2.2590E-04	4.6120E-03	1.2727E-04	4.4346E-05
77	**77**	0.0053	4.43E-05	5.47E-05	3.28E-04	2.4002E-04	4.8979E-03	1.2912E-04	4.7095E-05
78	**78**	0.0055	4.43E-05	5.61E-05	3.37E-04	2.4932E-04	5.0745E-03	1.2999E-04	4.8794E-05
79	**79**	0.0055	4.37E-05	5.69E-05	3.41E-04	2.5374E-04	5.1482E-03	1.2974E-04	4.9502E-05
80	**80**	0.0055	4.26E-05	5.69E-05	3.41E-04	2.5363E-04	5.1207E-03	1.2758E-04	4.9237E-05
81	**81**	0.0029	3.59E-05	3.17E-05	1.90E-04	1.3659E-04	2.7266E-03	8.5732E-05	2.6217E-05
82	**82**	0.0034	3.88E-05	3.79E-05	2.27E-04	1.5468E-04	3.1101E-03	1.0701E-04	2.9905E-05
83	**83**	0.0039	4.18E-05	4.53E-05	2.72E-04	1.7577E-04	3.5641E-03	1.2964E-04	3.4270E-05
84	**84**	0.0044	4.46E-05	5.25E-05	3.15E-04	1.9984E-04	4.0924E-03	1.4731E-04	3.9350E-05
85	**85**	0.0051	4.70E-05	5.86E-05	3.52E-04	2.2614E-04	4.6805E-03	1.5798E-04	4.5005E-05
86	**86**	0.0057	4.87E-05	6.34E-05	3.80E-04	2.5245E-04	5.2673E-03	1.6310E-04	5.0647E-05
87	**87**	0.0062	4.97E-05	6.68E-05	4.01E-04	2.7510E-04	5.7526E-03	1.6504E-04	5.5314E-05
88	**88**	0.0065	5.00E-05	6.93E-05	4.16E-04	2.9092E-04	6.0681E-03	1.6594E-04	5.8347E-05
89	**89**	0.0067	4.96E-05	7.07E-05	4.24E-04	2.9923E-04	6.2142E-03	1.6628E-04	5.9752E-05

Shiolh Business Park

Unmitigated - Construction Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Demolition**	**Site Prep**	**Grading**	**Foundation**	**Build. Const**	**Paving**	**Arch. Coating**
90	**90**	0.0067	4.85E-05	7.13E-05	4.28E-04	3.0126E-04	6.2290E-03	1.6515E-04	5.9894E-05
91	**91**	0.0066	4.69E-05	7.09E-05	4.25E-04	2.9809E-04	6.1267E-03	1.6098E-04	5.8910E-05
92	**92**	0.0034	4.07E-05	3.86E-05	2.31E-04	1.5504E-04	3.1398E-03	1.1315E-04	3.0190E-05
93	**93**	0.0040	4.43E-05	4.90E-05	2.94E-04	1.7866E-04	3.6589E-03	1.5470E-04	3.5182E-05
94	**94**	0.0047	4.81E-05	6.15E-05	3.69E-04	2.0722E-04	4.3003E-03	1.9460E-04	4.1349E-05
95	**95**	0.0055	5.15E-05	7.23E-05	4.34E-04	2.4117E-04	5.0790E-03	2.1787E-04	4.8837E-05
96	**96**	0.0065	5.42E-05	8.00E-05	4.80E-04	2.7939E-04	5.9716E-03	2.2734E-04	5.7419E-05
97	**97**	0.0074	5.61E-05	8.56E-05	5.13E-04	3.1686E-04	6.8338E-03	2.2833E-04	6.5710E-05
98	**98**	0.0080	5.70E-05	8.94E-05	5.36E-04	3.4517E-04	7.4395E-03	2.2671E-04	7.1534E-05
99	**99**	0.0083	5.68E-05	9.19E-05	5.51E-04	3.6029E-04	7.7185E-03	2.2637E-04	7.4217E-05
100	**100**	0.0084	5.58E-05	9.32E-05	5.59E-04	3.6480E-04	7.7634E-03	2.2618E-04	7.4648E-05
101	**101**	0.0083	5.40E-05	9.36E-05	5.61E-04	3.6260E-04	7.6731E-03	2.2276E-04	7.3780E-05
102	**102**	0.0080	5.15E-05	9.26E-05	5.56E-04	3.5517E-04	7.4626E-03	2.1372E-04	7.1755E-05
103	**103**	0.0068	5.83E-05	1.01E-04	6.05E-04	2.8618E-04	6.2056E-03	2.7510E-04	5.9669E-05
104	**104**	0.0082	6.15E-05	1.10E-04	6.62E-04	3.4190E-04	7.5784E-03	2.8101E-04	7.2870E-05
105	**105**	0.0099	6.44E-05	1.21E-04	7.27E-04	4.0706E-04	9.1577E-03	2.9122E-04	8.8055E-05
106	**106**	0.0105	6.48E-05	1.25E-04	7.48E-04	4.3642E-04	9.7408E-03	2.8800E-04	9.3662E-05
107	**107**	0.0109	6.49E-05	1.33E-04	7.98E-04	4.5657E-04	1.0117E-02	3.0128E-04	9.7279E-05
108	**108**	0.0107	6.29E-05	1.34E-04	8.04E-04	4.5266E-04	9.9328E-03	3.0184E-04	9.5508E-05
109	**109**	0.0105	6.00E-05	1.34E-04	8.03E-04	4.4454E-04	9.6922E-03	3.3460E-04	9.3194E-05
110	**110**	0.0101	5.66E-05	1.32E-04	7.94E-04	4.3203E-04	9.3477E-03	3.0977E-04	8.9882E-05
111	**111**	0.0056	5.43E-05	8.70E-05	5.22E-04	2.4032E-04	5.0999E-03	2.5475E-04	4.9038E-05
112	**112**	0.0045	4.94E-05	6.28E-05	3.77E-04	1.9937E-04	4.1439E-03	1.8683E-04	3.9845E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.16328	**5.69E-05**	9.30E-06	1.05E-03	9.72E-09	0.05	1.57E-01	8.14E-11	1,000,000	8.14E-05
2	0.17343	5.6941E-05	9.8753E-06	1.05E-03	1.03E-08	0.05	1.57E-01	8.65E-11	1,000,000	8.65E-05
3	0.18485	5.6941E-05	1.0526E-05	1.05E-03	1.10E-08	0.05	1.57E-01	9.22E-11	1,000,000	9.22E-05
4	0.19727	5.6941E-05	1.1233E-05	1.05E-03	1.17E-08	0.05	1.57E-01	9.84E-11	1,000,000	9.84E-05
5	0.21126	5.6941E-05	1.2029E-05	1.05E-03	1.26E-08	0.05	1.57E-01	1.05E-10	1,000,000	1.05E-04
6	0.16084	5.6941E-05	9.1584E-06	1.05E-03	9.57E-09	0.05	1.57E-01	8.02E-11	1,000,000	8.02E-05
7	0.17062	5.6941E-05	9.7153E-06	1.05E-03	1.02E-08	0.05	1.57E-01	8.51E-11	1,000,000	8.51E-05
8	0.18149	5.6941E-05	1.0334E-05	1.05E-03	1.08E-08	0.05	1.57E-01	9.05E-11	1,000,000	9.05E-05
9	0.19384	5.6941E-05	1.1038E-05	1.05E-03	1.15E-08	0.05	1.57E-01	9.67E-11	1,000,000	9.67E-05
10	0.20731	5.6941E-05	1.1805E-05	1.05E-03	1.23E-08	0.05	1.57E-01	1.03E-10	1,000,000	1.03E-04
11	0.15811	5.6941E-05	9.003E-06	1.05E-03	9.41E-09	0.05	1.57E-01	7.89E-11	1,000,000	7.89E-05
12	0.16761	5.6941E-05	9.5439E-06	1.05E-03	9.98E-09	0.05	1.57E-01	8.36E-11	1,000,000	8.36E-05
13	0.1782	5.6941E-05	1.0147E-05	1.05E-03	1.06E-08	0.05	1.57E-01	8.89E-11	1,000,000	8.89E-05
14	0.19025	5.6941E-05	1.0833E-05	1.05E-03	1.13E-08	0.05	1.57E-01	9.49E-11	1,000,000	9.49E-05
15	0.20334	5.6941E-05	1.1578E-05	1.05E-03	1.21E-08	0.05	1.57E-01	1.01E-10	1,000,000	1.01E-04
16	0.15535	5.6941E-05	8.8458E-06	1.05E-03	9.25E-09	0.05	1.57E-01	7.75E-11	1,000,000	7.75E-05
17	0.16466	5.6941E-05	9.376E-06	1.05E-03	9.80E-09	0.05	1.57E-01	8.21E-11	1,000,000	8.21E-05
18	0.17491	5.6941E-05	9.9596E-06	1.05E-03	1.04E-08	0.05	1.57E-01	8.72E-11	1,000,000	8.72E-05
19	0.18618	5.6941E-05	1.0601E-05	1.05E-03	1.11E-08	0.05	1.57E-01	9.29E-11	1,000,000	9.29E-05
20	0.19897	5.6941E-05	1.133E-05	1.05E-03	1.18E-08	0.05	1.57E-01	9.92E-11	1,000,000	9.92E-05
21	0.15267	5.6941E-05	8.6932E-06	1.05E-03	9.09E-09	0.05	1.57E-01	7.62E-11	1,000,000	7.62E-05
22	0.16169	5.6941E-05	9.2068E-06	1.05E-03	9.62E-09	0.05	1.57E-01	8.07E-11	1,000,000	8.07E-05
23	0.17169	5.6941E-05	9.7763E-06	1.05E-03	1.02E-08	0.05	1.57E-01	8.56E-11	1,000,000	8.56E-05
24	0.18272	5.6941E-05	1.0404E-05	1.05E-03	1.09E-08	0.05	1.57E-01	9.11E-11	1,000,000	9.11E-05
25	0.19484	5.6941E-05	1.1094E-05	1.05E-03	1.16E-08	0.05	1.57E-01	9.72E-11	1,000,000	9.72E-05
113	0.54028	5.6941E-05	3.0764E-05	1.05E-03	3.22E-08	0.05	1.57E-01	2.69E-10	1,000,000	2.69E-04
114	0.50275	5.6941E-05	2.8627E-05	1.05E-03	2.99E-08	0.05	1.57E-01	2.51E-10	1,000,000	2.51E-04
115	0.46795	5.6941E-05	2.6646E-05	1.05E-03	2.79E-08	0.05	1.57E-01	2.33E-10	1,000,000	2.33E-04
116	0.43585	5.6941E-05	2.4818E-05	1.05E-03	2.59E-08	0.05	1.57E-01	2.17E-10	1,000,000	2.17E-04
117	0.55855	5.6941E-05	3.1805E-05	1.05E-03	3.32E-08	0.05	1.57E-01	2.79E-10	1,000,000	2.79E-04
118	0.51704	5.6941E-05	2.9441E-05	1.05E-03	3.08E-08	0.05	1.57E-01	2.58E-10	1,000,000	2.58E-04
119	0.47903	5.6941E-05	2.7277E-05	1.05E-03	2.85E-08	0.05	1.57E-01	2.39E-10	1,000,000	2.39E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.44437	5.6941E-05	2.5303E-05	1.05E-03	2.64E-08	0.05	1.57E-01	2.22E-10	1,000,000	2.22E-04
121	0.57509	5.6941E-05	3.2746E-05	1.05E-03	3.42E-08	0.05	1.57E-01	2.87E-10	1,000,000	2.87E-04
122	0.52962	5.6941E-05	3.0157E-05	1.05E-03	3.15E-08	0.05	1.57E-01	2.64E-10	1,000,000	2.64E-04
123	0.48852	5.6941E-05	2.7817E-05	1.05E-03	2.91E-08	0.05	1.57E-01	2.44E-10	1,000,000	2.44E-04
124	0.45144	5.6941E-05	2.5706E-05	1.05E-03	2.69E-08	0.05	1.57E-01	2.25E-10	1,000,000	2.25E-04
125	0.58947	5.6941E-05	3.3565E-05	1.05E-03	3.51E-08	0.05	1.57E-01	2.94E-10	1,000,000	2.94E-04
126	0.54022	5.6941E-05	3.0761E-05	1.05E-03	3.22E-08	0.05	1.57E-01	2.69E-10	1,000,000	2.69E-04
127	0.49625	5.6941E-05	2.8257E-05	1.05E-03	2.95E-08	0.05	1.57E-01	2.48E-10	1,000,000	2.48E-04
128	0.45701	5.6941E-05	2.6023E-05	1.05E-03	2.72E-08	0.05	1.57E-01	2.28E-10	1,000,000	2.28E-04
129	0.60139	5.6941E-05	3.4244E-05	1.05E-03	3.58E-08	0.05	1.57E-01	3.00E-10	1,000,000	3.00E-04
130	0.54872	5.6941E-05	3.1245E-05	1.05E-03	3.27E-08	0.05	1.57E-01	2.74E-10	1,000,000	2.74E-04
131	0.50225	5.6941E-05	2.8599E-05	1.05E-03	2.99E-08	0.05	1.57E-01	2.51E-10	1,000,000	2.51E-04
132	0.46118	5.6941E-05	2.626E-05	1.05E-03	2.74E-08	0.05	1.57E-01	2.30E-10	1,000,000	2.30E-04
133	0.61079	5.6941E-05	3.4779E-05	1.05E-03	3.64E-08	0.05	1.57E-01	3.05E-10	1,000,000	3.05E-04
134	0.55521	5.6941E-05	3.1614E-05	1.05E-03	3.30E-08	0.05	1.57E-01	2.77E-10	1,000,000	2.77E-04
135	0.50667	5.6941E-05	2.885E-05	1.05E-03	3.02E-08	0.05	1.57E-01	2.53E-10	1,000,000	2.53E-04
136	0.46416	5.6941E-05	2.643E-05	1.05E-03	2.76E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
137	0.61786	5.6941E-05	3.5182E-05	1.05E-03	3.68E-08	0.05	1.57E-01	3.08E-10	1,000,000	3.08E-04
138	0.50982	5.6941E-05	2.903E-05	1.05E-03	3.03E-08	0.05	1.57E-01	2.54E-10	1,000,000	2.54E-04
139	0.46625	5.6941E-05	2.6549E-05	1.05E-03	2.77E-08	0.05	1.57E-01	2.33E-10	1,000,000	2.33E-04
140	0.62878	5.6941E-05	3.5804E-05	1.05E-03	3.74E-08	0.05	1.57E-01	3.14E-10	1,000,000	3.14E-04
141	0.56707	5.6941E-05	3.229E-05	1.05E-03	3.37E-08	0.05	1.57E-01	2.83E-10	1,000,000	2.83E-04
142	0.51457	5.6941E-05	2.93E-05	1.05E-03	3.06E-08	0.05	1.57E-01	2.57E-10	1,000,000	2.57E-04
143	0.46951	5.6941E-05	2.6735E-05	1.05E-03	2.79E-08	0.05	1.57E-01	2.34E-10	1,000,000	2.34E-04
144	0.63011	5.6941E-05	3.5879E-05	1.05E-03	3.75E-08	0.05	1.57E-01	3.14E-10	1,000,000	3.14E-04
145	0.56793	5.6941E-05	3.2339E-05	1.05E-03	3.38E-08	0.05	1.57E-01	2.83E-10	1,000,000	2.83E-04
146	0.51515	5.6941E-05	2.9333E-05	1.05E-03	3.07E-08	0.05	1.57E-01	2.57E-10	1,000,000	2.57E-04
147	0.46993	5.6941E-05	2.6758E-05	1.05E-03	2.80E-08	0.05	1.57E-01	2.34E-10	1,000,000	2.34E-04
148	0.63042	5.6941E-05	3.5897E-05	1.05E-03	3.75E-08	0.05	1.57E-01	3.14E-10	1,000,000	3.14E-04
149	0.56802	5.6941E-05	3.2344E-05	1.05E-03	3.38E-08	0.05	1.57E-01	2.83E-10	1,000,000	2.83E-04
150	0.51511	5.6941E-05	2.9331E-05	1.05E-03	3.07E-08	0.05	1.57E-01	2.57E-10	1,000,000	2.57E-04
151	0.46982	5.6941E-05	2.6752E-05	1.05E-03	2.80E-08	0.05	1.57E-01	2.34E-10	1,000,000	2.34E-04
152	0.62943	5.6941E-05	3.5841E-05	1.05E-03	3.75E-08	0.05	1.57E-01	3.14E-10	1,000,000	3.14E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.56704	5.6941E-05	3.2288E-05	1.05E-03	3.37E-08	0.05	1.57E-01	2.83E-10	1,000,000	2.83E-04
154	0.51416	5.6941E-05	2.9277E-05	1.05E-03	3.06E-08	0.05	1.57E-01	2.56E-10	1,000,000	2.56E-04
155	0.4689	5.6941E-05	2.67E-05	1.05E-03	2.79E-08	0.05	1.57E-01	2.34E-10	1,000,000	2.34E-04
156	0.62678	5.6941E-05	3.569E-05	1.05E-03	3.73E-08	0.05	1.57E-01	3.13E-10	1,000,000	3.13E-04
157	0.56464	5.6941E-05	3.2151E-05	1.05E-03	3.36E-08	0.05	1.57E-01	2.82E-10	1,000,000	2.82E-04
158	0.51198	5.6941E-05	2.9153E-05	1.05E-03	3.05E-08	0.05	1.57E-01	2.55E-10	1,000,000	2.55E-04
159	0.4669	5.6941E-05	2.6586E-05	1.05E-03	2.78E-08	0.05	1.57E-01	2.33E-10	1,000,000	2.33E-04
160	0.62215	5.6941E-05	3.5426E-05	1.05E-03	3.70E-08	0.05	1.57E-01	3.10E-10	1,000,000	3.10E-04
161	0.56057	5.6941E-05	3.192E-05	1.05E-03	3.34E-08	0.05	1.57E-01	2.80E-10	1,000,000	2.80E-04
162	0.50836	5.6941E-05	2.8947E-05	1.05E-03	3.03E-08	0.05	1.57E-01	2.54E-10	1,000,000	2.54E-04
163	0.46355	5.6941E-05	2.6395E-05	1.05E-03	2.76E-08	0.05	1.57E-01	2.31E-10	1,000,000	2.31E-04
164	0.61536	5.6941E-05	3.5039E-05	1.05E-03	3.66E-08	0.05	1.57E-01	3.07E-10	1,000,000	3.07E-04
165	0.5547	5.6941E-05	3.1585E-05	1.05E-03	3.30E-08	0.05	1.57E-01	2.77E-10	1,000,000	2.77E-04
166	0.50263	5.6941E-05	2.862E-05	1.05E-03	2.99E-08	0.05	1.57E-01	2.51E-10	1,000,000	2.51E-04
167	0.45851	5.6941E-05	2.6108E-05	1.05E-03	2.73E-08	0.05	1.57E-01	2.29E-10	1,000,000	2.29E-04
168	0.60616	5.6941E-05	3.4516E-05	1.05E-03	3.61E-08	0.05	1.57E-01	3.02E-10	1,000,000	3.02E-04
169	0.54691	5.6941E-05	3.1142E-05	1.05E-03	3.25E-08	0.05	1.57E-01	2.73E-10	1,000,000	2.73E-04
170	0.49582	5.6941E-05	2.8233E-05	1.05E-03	2.95E-08	0.05	1.57E-01	2.47E-10	1,000,000	2.47E-04
171	0.45269	5.6941E-05	2.5777E-05	1.05E-03	2.69E-08	0.05	1.57E-01	2.26E-10	1,000,000	2.26E-04
172	0.59423	5.6941E-05	3.3836E-05	1.05E-03	3.54E-08	0.05	1.57E-01	2.96E-10	1,000,000	2.96E-04
173	0.53702	5.6941E-05	3.0579E-05	1.05E-03	3.20E-08	0.05	1.57E-01	2.68E-10	1,000,000	2.68E-04
174	0.48756	5.6941E-05	2.7762E-05	1.05E-03	2.90E-08	0.05	1.57E-01	2.43E-10	1,000,000	2.43E-04
175	0.44555	5.6941E-05	2.537E-05	1.05E-03	2.65E-08	0.05	1.57E-01	2.22E-10	1,000,000	2.22E-04
176	0.57917	5.6941E-05	3.2979E-05	1.05E-03	3.45E-08	0.05	1.57E-01	2.89E-10	1,000,000	2.89E-04
177	0.52474	5.6941E-05	2.9879E-05	1.05E-03	3.12E-08	0.05	1.57E-01	2.62E-10	1,000,000	2.62E-04
178	0.4774	5.6941E-05	2.7184E-05	1.05E-03	2.84E-08	0.05	1.57E-01	2.38E-10	1,000,000	2.38E-04
179	0.437	5.6941E-05	2.4883E-05	1.05E-03	2.60E-08	0.05	1.57E-01	2.18E-10	1,000,000	2.18E-04
180	0.56076	5.6941E-05	3.193E-05	1.05E-03	3.34E-08	0.05	1.57E-01	2.80E-10	1,000,000	2.80E-04
181	0.50958	5.6941E-05	2.9016E-05	1.05E-03	3.03E-08	0.05	1.57E-01	2.54E-10	1,000,000	2.54E-04
182	0.46512	5.6941E-05	2.6485E-05	1.05E-03	2.77E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
183	0.42686	5.6941E-05	2.4306E-05	1.05E-03	2.54E-08	0.05	1.57E-01	2.13E-10	1,000,000	2.13E-04
184	0.67058	5.6941E-05	3.8184E-05	1.05E-03	3.99E-08	0.05	1.57E-01	3.34E-10	1,000,000	3.34E-04
185	0.68056	5.6941E-05	3.8752E-05	1.05E-03	4.05E-08	0.05	1.57E-01	3.39E-10	1,000,000	3.39E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.61308	5.6941E-05	3.491E-05	1.05E-03	3.65E-08	0.05	1.57E-01	3.06E-10	1,000,000	3.06E-04
187	0.55545	5.6941E-05	3.1628E-05	1.05E-03	3.31E-08	0.05	1.57E-01	2.77E-10	1,000,000	2.77E-04
188	0.50539	5.6941E-05	2.8778E-05	1.05E-03	3.01E-08	0.05	1.57E-01	2.52E-10	1,000,000	2.52E-04
189	0.71628	5.6941E-05	4.0786E-05	1.05E-03	4.26E-08	0.05	1.57E-01	3.57E-10	1,000,000	3.57E-04
190	0.64474	5.6941E-05	3.6712E-05	1.05E-03	3.84E-08	0.05	1.57E-01	3.22E-10	1,000,000	3.22E-04
191	0.58407	5.6941E-05	3.3258E-05	1.05E-03	3.48E-08	0.05	1.57E-01	2.91E-10	1,000,000	2.91E-04
192	0.53188	5.6941E-05	3.0286E-05	1.05E-03	3.17E-08	0.05	1.57E-01	2.65E-10	1,000,000	2.65E-04
193	0.48584	5.6941E-05	2.7664E-05	1.05E-03	2.89E-08	0.05	1.57E-01	2.42E-10	1,000,000	2.42E-04
194	0.67016	5.6941E-05	3.816E-05	1.05E-03	3.99E-08	0.05	1.57E-01	3.34E-10	1,000,000	3.34E-04
195	0.60681	5.6941E-05	3.4553E-05	1.05E-03	3.61E-08	0.05	1.57E-01	3.03E-10	1,000,000	3.03E-04
196	0.55257	5.6941E-05	3.1464E-05	1.05E-03	3.29E-08	0.05	1.57E-01	2.76E-10	1,000,000	2.76E-04
197	0.50513	5.6941E-05	2.8763E-05	1.05E-03	3.01E-08	0.05	1.57E-01	2.52E-10	1,000,000	2.52E-04
198	0.46436	5.6941E-05	2.6441E-05	1.05E-03	2.76E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
199	0.62474	5.6941E-05	3.5574E-05	1.05E-03	3.72E-08	0.05	1.57E-01	3.12E-10	1,000,000	3.12E-04
200	0.56851	5.6941E-05	3.2372E-05	1.05E-03	3.38E-08	0.05	1.57E-01	2.84E-10	1,000,000	2.84E-04
201	0.51993	5.6941E-05	2.9606E-05	1.05E-03	3.09E-08	0.05	1.57E-01	2.59E-10	1,000,000	2.59E-04
202	0.4778	5.6941E-05	2.7207E-05	1.05E-03	2.84E-08	0.05	1.57E-01	2.38E-10	1,000,000	2.38E-04
203	0.44273	5.6941E-05	2.521E-05	1.05E-03	2.63E-08	0.05	1.57E-01	2.21E-10	1,000,000	2.21E-04
204	0.89899	5.6941E-05	5.119E-05	1.05E-03	5.35E-08	0.05	1.57E-01	4.48E-10	1,000,000	4.48E-04
205	0.58157	5.6941E-05	3.3115E-05	1.05E-03	3.46E-08	0.05	1.57E-01	2.90E-10	1,000,000	2.90E-04
206	0.53139	5.6941E-05	3.0258E-05	1.05E-03	3.16E-08	0.05	1.57E-01	2.65E-10	1,000,000	2.65E-04
207	0.48751	5.6941E-05	2.7759E-05	1.05E-03	2.90E-08	0.05	1.57E-01	2.43E-10	1,000,000	2.43E-04
208	0.45024	5.6941E-05	2.5637E-05	1.05E-03	2.68E-08	0.05	1.57E-01	2.25E-10	1,000,000	2.25E-04
209	0.821	5.6941E-05	4.6749E-05	1.05E-03	4.89E-08	0.05	1.57E-01	4.10E-10	1,000,000	4.10E-04
210	0.73181	5.6941E-05	4.167E-05	1.05E-03	4.36E-08	0.05	1.57E-01	3.65E-10	1,000,000	3.65E-04
211	0.65713	5.6941E-05	3.7418E-05	1.05E-03	3.91E-08	0.05	1.57E-01	3.28E-10	1,000,000	3.28E-04
212	0.59471	5.6941E-05	3.3864E-05	1.05E-03	3.54E-08	0.05	1.57E-01	2.97E-10	1,000,000	2.97E-04
213	0.5418	5.6941E-05	3.0851E-05	1.05E-03	3.22E-08	0.05	1.57E-01	2.70E-10	1,000,000	2.70E-04
214	0.4962	5.6941E-05	2.8254E-05	1.05E-03	2.95E-08	0.05	1.57E-01	2.48E-10	1,000,000	2.48E-04
215	0.45708	5.6941E-05	2.6027E-05	1.05E-03	2.72E-08	0.05	1.57E-01	2.28E-10	1,000,000	2.28E-04
216	0.85144	5.6941E-05	4.8482E-05	1.05E-03	5.07E-08	0.05	1.57E-01	4.25E-10	1,000,000	4.25E-04
217	0.7651	5.6941E-05	4.3566E-05	1.05E-03	4.55E-08	0.05	1.57E-01	3.82E-10	1,000,000	3.82E-04
218	0.68847	5.6941E-05	3.9202E-05	1.05E-03	4.10E-08	0.05	1.57E-01	3.43E-10	1,000,000	3.43E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.62312	5.6941E-05	3.5481E-05	1.05E-03	3.71E-08	0.05	1.57E-01	3.11E-10	1,000,000	3.11E-04
220	0.56566	5.6941E-05	3.2209E-05	1.05E-03	3.37E-08	0.05	1.57E-01	2.82E-10	1,000,000	2.82E-04
221	0.51583	5.6941E-05	2.9372E-05	1.05E-03	3.07E-08	0.05	1.57E-01	2.57E-10	1,000,000	2.57E-04
222	0.77109	5.6941E-05	4.3907E-05	1.05E-03	4.59E-08	0.05	1.57E-01	3.85E-10	1,000,000	3.85E-04
223	0.69804	5.6941E-05	3.9747E-05	1.05E-03	4.15E-08	0.05	1.57E-01	3.48E-10	1,000,000	3.48E-04
224	0.6337	5.6941E-05	3.6084E-05	1.05E-03	3.77E-08	0.05	1.57E-01	3.16E-10	1,000,000	3.16E-04
225	0.57737	5.6941E-05	3.2876E-05	1.05E-03	3.44E-08	0.05	1.57E-01	2.88E-10	1,000,000	2.88E-04
226	0.52679	5.6941E-05	2.9996E-05	1.05E-03	3.14E-08	0.05	1.57E-01	2.63E-10	1,000,000	2.63E-04
227	0.70077	5.6941E-05	3.9903E-05	1.05E-03	4.17E-08	0.05	1.57E-01	3.50E-10	1,000,000	3.50E-04
228	0.63915	5.6941E-05	3.6394E-05	1.05E-03	3.80E-08	0.05	1.57E-01	3.19E-10	1,000,000	3.19E-04
229	0.58481	5.6941E-05	3.33E-05	1.05E-03	3.48E-08	0.05	1.57E-01	2.92E-10	1,000,000	2.92E-04
230	0.53537	5.6941E-05	3.0485E-05	1.05E-03	3.19E-08	0.05	1.57E-01	2.67E-10	1,000,000	2.67E-04
231	0.63882	5.6941E-05	3.6375E-05	1.05E-03	3.80E-08	0.05	1.57E-01	3.19E-10	1,000,000	3.19E-04
232	0.58756	5.6941E-05	3.3456E-05	1.05E-03	3.50E-08	0.05	1.57E-01	2.93E-10	1,000,000	2.93E-04
233	0.54098	5.6941E-05	3.0804E-05	1.05E-03	3.22E-08	0.05	1.57E-01	2.70E-10	1,000,000	2.70E-04
234	0.49826	5.6941E-05	2.8372E-05	1.05E-03	2.97E-08	0.05	1.57E-01	2.49E-10	1,000,000	2.49E-04
235	0.58496	5.6941E-05	3.3308E-05	1.05E-03	3.48E-08	0.05	1.57E-01	2.92E-10	1,000,000	2.92E-04
236	0.54162	5.6941E-05	3.0841E-05	1.05E-03	3.22E-08	0.05	1.57E-01	2.70E-10	1,000,000	2.70E-04
237	0.50124	5.6941E-05	2.8541E-05	1.05E-03	2.98E-08	0.05	1.57E-01	2.50E-10	1,000,000	2.50E-04
238	0.46467	5.6941E-05	2.6459E-05	1.05E-03	2.77E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
239	0.53757	5.6941E-05	3.061E-05	1.05E-03	3.20E-08	0.05	1.57E-01	2.68E-10	1,000,000	2.68E-04
240	0.50044	5.6941E-05	2.8496E-05	1.05E-03	2.98E-08	0.05	1.57E-01	2.50E-10	1,000,000	2.50E-04
241	0.4656	5.6941E-05	2.6512E-05	1.05E-03	2.77E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
242	0.43408	5.6941E-05	2.4717E-05	1.05E-03	2.58E-08	0.05	1.57E-01	2.17E-10	1,000,000	2.17E-04
243	0.80742	5.6941E-05	4.5976E-05	1.05E-03	4.81E-08	0.05	1.57E-01	4.03E-10	1,000,000	4.03E-04
244	0.78543	5.6941E-05	4.4723E-05	1.05E-03	4.67E-08	0.05	1.57E-01	3.92E-10	1,000,000	3.92E-04
245	0.75122	5.6941E-05	4.2775E-05	1.05E-03	4.47E-08	0.05	1.57E-01	3.75E-10	1,000,000	3.75E-04
246	0.70974	5.6941E-05	4.0414E-05	1.05E-03	4.22E-08	0.05	1.57E-01	3.54E-10	1,000,000	3.54E-04
247	0.6647	5.6941E-05	3.7849E-05	1.05E-03	3.96E-08	0.05	1.57E-01	3.32E-10	1,000,000	3.32E-04
248	0.62134	5.6941E-05	3.538E-05	1.05E-03	3.70E-08	0.05	1.57E-01	3.10E-10	1,000,000	3.10E-04
249	0.57989	5.6941E-05	3.302E-05	1.05E-03	3.45E-08	0.05	1.57E-01	2.89E-10	1,000,000	2.89E-04
250	0.72199	5.6941E-05	4.1111E-05	1.05E-03	4.30E-08	0.05	1.57E-01	3.60E-10	1,000,000	3.60E-04
251	0.70334	5.6941E-05	4.0049E-05	1.05E-03	4.19E-08	0.05	1.57E-01	3.51E-10	1,000,000	3.51E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.67491	5.6941E-05	3.843E-05	1.05E-03	4.02E-08	0.05	1.57E-01	3.37E-10	1,000,000	3.37E-04
253	0.64046	5.6941E-05	3.6469E-05	1.05E-03	3.81E-08	0.05	1.57E-01	3.19E-10	1,000,000	3.19E-04
254	0.60282	5.6941E-05	3.4325E-05	1.05E-03	3.59E-08	0.05	1.57E-01	3.01E-10	1,000,000	3.01E-04
255	0.56632	5.6941E-05	3.2247E-05	1.05E-03	3.37E-08	0.05	1.57E-01	2.82E-10	1,000,000	2.82E-04
256	0.53053	5.6941E-05	3.0209E-05	1.05E-03	3.16E-08	0.05	1.57E-01	2.65E-10	1,000,000	2.65E-04
257	0.65045	5.6941E-05	3.7038E-05	1.05E-03	3.87E-08	0.05	1.57E-01	3.24E-10	1,000,000	3.24E-04
258	0.63444	5.6941E-05	3.6126E-05	1.05E-03	3.78E-08	0.05	1.57E-01	3.16E-10	1,000,000	3.16E-04
259	0.61049	5.6941E-05	3.4762E-05	1.05E-03	3.63E-08	0.05	1.57E-01	3.05E-10	1,000,000	3.05E-04
260	0.58157	5.6941E-05	3.3115E-05	1.05E-03	3.46E-08	0.05	1.57E-01	2.90E-10	1,000,000	2.90E-04
261	0.54981	5.6941E-05	3.1307E-05	1.05E-03	3.27E-08	0.05	1.57E-01	2.74E-10	1,000,000	2.74E-04
262	0.51868	5.6941E-05	2.9534E-05	1.05E-03	3.09E-08	0.05	1.57E-01	2.59E-10	1,000,000	2.59E-04
263	0.48823	5.6941E-05	2.78E-05	1.05E-03	2.91E-08	0.05	1.57E-01	2.44E-10	1,000,000	2.44E-04
264	0.59025	5.6941E-05	3.361E-05	1.05E-03	3.51E-08	0.05	1.57E-01	2.94E-10	1,000,000	2.94E-04
265	0.57612	5.6941E-05	3.2805E-05	1.05E-03	3.43E-08	0.05	1.57E-01	2.87E-10	1,000,000	2.87E-04
266	0.55557	5.6941E-05	3.1635E-05	1.05E-03	3.31E-08	0.05	1.57E-01	2.77E-10	1,000,000	2.77E-04
267	0.53103	5.6941E-05	3.0238E-05	1.05E-03	3.16E-08	0.05	1.57E-01	2.65E-10	1,000,000	2.65E-04
268	0.5046	5.6941E-05	2.8733E-05	1.05E-03	3.00E-08	0.05	1.57E-01	2.52E-10	1,000,000	2.52E-04
269	0.47764	5.6941E-05	2.7197E-05	1.05E-03	2.84E-08	0.05	1.57E-01	2.38E-10	1,000,000	2.38E-04
270	0.45124	5.6941E-05	2.5694E-05	1.05E-03	2.69E-08	0.05	1.57E-01	2.25E-10	1,000,000	2.25E-04
271	0.5384	5.6941E-05	3.0657E-05	1.05E-03	3.20E-08	0.05	1.57E-01	2.69E-10	1,000,000	2.69E-04
272	0.52602	5.6941E-05	2.9952E-05	1.05E-03	3.13E-08	0.05	1.57E-01	2.62E-10	1,000,000	2.62E-04
273	0.50834	5.6941E-05	2.8946E-05	1.05E-03	3.03E-08	0.05	1.57E-01	2.54E-10	1,000,000	2.54E-04
274	0.48727	5.6941E-05	2.7746E-05	1.05E-03	2.90E-08	0.05	1.57E-01	2.43E-10	1,000,000	2.43E-04
275	0.46452	5.6941E-05	2.645E-05	1.05E-03	2.76E-08	0.05	1.57E-01	2.32E-10	1,000,000	2.32E-04
276	0.44147	5.6941E-05	2.5138E-05	1.05E-03	2.63E-08	0.05	1.57E-01	2.20E-10	1,000,000	2.20E-04
277	0.4183	5.6941E-05	2.3819E-05	1.05E-03	2.49E-08	0.05	1.57E-01	2.09E-10	1,000,000	2.09E-04
278	0.37757	5.6941E-05	2.1499E-05	1.05E-03	2.25E-08	0.05	1.57E-01	1.88E-10	1,000,000	1.88E-04
279	0.39253	5.6941E-05	2.2351E-05	1.05E-03	2.34E-08	0.05	1.57E-01	1.96E-10	1,000,000	1.96E-04
280	0.43525	5.6941E-05	2.4784E-05	1.05E-03	2.59E-08	0.05	1.57E-01	2.17E-10	1,000,000	2.17E-04
281	0.42751	5.6941E-05	2.4343E-05	1.05E-03	2.54E-08	0.05	1.57E-01	2.13E-10	1,000,000	2.13E-04
282	0.47658	5.6941E-05	2.7137E-05	1.05E-03	2.84E-08	0.05	1.57E-01	2.38E-10	1,000,000	2.38E-04
283	0.3872	5.6941E-05	2.2048E-05	1.05E-03	2.30E-08	0.05	1.57E-01	1.93E-10	1,000,000	1.93E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School - Student Receptors										
26	1.11749	5.6941E-05	6.3631E-05	6.05E-04	3.85E-08	0.05	4.71E-02	9.68E-11	1,000,000	9.68E-05
27	1.18286	5.6941E-05	6.7354E-05	6.05E-04	4.08E-08	0.05	4.71E-02	1.02E-10	1,000,000	1.02E-04
28	1.24884	5.6941E-05	7.1111E-05	6.05E-04	4.30E-08	0.05	4.71E-02	1.08E-10	1,000,000	1.08E-04
29	1.31213	5.6941E-05	7.4714E-05	6.05E-04	4.52E-08	0.05	4.71E-02	1.14E-10	1,000,000	1.14E-04
30	1.36994	5.6941E-05	7.8006E-05	6.05E-04	4.72E-08	0.05	4.71E-02	1.19E-10	1,000,000	1.19E-04
31	1.42041	5.6941E-05	8.088E-05	6.05E-04	4.89E-08	0.05	4.71E-02	1.23E-10	1,000,000	1.23E-04
32	1.46237	5.6941E-05	8.3269E-05	6.05E-04	5.04E-08	0.05	4.71E-02	1.27E-10	1,000,000	1.27E-04
33	1.49502	5.6941E-05	8.5128E-05	6.05E-04	5.15E-08	0.05	4.71E-02	1.30E-10	1,000,000	1.30E-04
34	1.51768	5.6941E-05	8.6419E-05	6.05E-04	5.23E-08	0.05	4.71E-02	1.31E-10	1,000,000	1.31E-04
35	1.52957	5.6941E-05	8.7096E-05	6.05E-04	5.27E-08	0.05	4.71E-02	1.33E-10	1,000,000	1.33E-04
36	1.52873	5.6941E-05	8.7048E-05	6.05E-04	5.27E-08	0.05	4.71E-02	1.32E-10	1,000,000	1.32E-04
37	1.22059	5.6941E-05	6.9502E-05	6.05E-04	4.21E-08	0.05	4.71E-02	1.06E-10	1,000,000	1.06E-04
38	1.2963	5.6941E-05	7.3813E-05	6.05E-04	4.47E-08	0.05	4.71E-02	1.12E-10	1,000,000	1.12E-04
39	1.37281	5.6941E-05	7.817E-05	6.05E-04	4.73E-08	0.05	4.71E-02	1.19E-10	1,000,000	1.19E-04
40	1.44591	5.6941E-05	8.2332E-05	6.05E-04	4.98E-08	0.05	4.71E-02	1.25E-10	1,000,000	1.25E-04
41	1.51203	5.6941E-05	8.6097E-05	6.05E-04	5.21E-08	0.05	4.71E-02	1.31E-10	1,000,000	1.31E-04
42	1.56877	5.6941E-05	8.9328E-05	6.05E-04	5.40E-08	0.05	4.71E-02	1.36E-10	1,000,000	1.36E-04
43	1.6146	5.6941E-05	9.1938E-05	6.05E-04	5.56E-08	0.05	4.71E-02	1.40E-10	1,000,000	1.40E-04
44	1.64846	5.6941E-05	9.3866E-05	6.05E-04	5.68E-08	0.05	4.71E-02	1.43E-10	1,000,000	1.43E-04
45	1.66949	5.6941E-05	9.5063E-05	6.05E-04	5.75E-08	0.05	4.71E-02	1.45E-10	1,000,000	1.45E-04
46	1.6769	5.6941E-05	9.5485E-05	6.05E-04	5.78E-08	0.05	4.71E-02	1.45E-10	1,000,000	1.45E-04
47	1.66872	5.6941E-05	9.5019E-05	6.05E-04	5.75E-08	0.05	4.71E-02	1.45E-10	1,000,000	1.45E-04
48	1.3405	5.6941E-05	7.633E-05	6.05E-04	4.62E-08	0.05	4.71E-02	1.16E-10	1,000,000	1.16E-04
49	1.42906	5.6941E-05	8.1373E-05	6.05E-04	4.92E-08	0.05	4.71E-02	1.24E-10	1,000,000	1.24E-04
50	1.51866	5.6941E-05	8.6475E-05	6.05E-04	5.23E-08	0.05	4.71E-02	1.32E-10	1,000,000	1.32E-04
51	1.60385	5.6941E-05	9.1325E-05	6.05E-04	5.53E-08	0.05	4.71E-02	1.39E-10	1,000,000	1.39E-04
52	1.67997	5.6941E-05	9.566E-05	6.05E-04	5.79E-08	0.05	4.71E-02	1.46E-10	1,000,000	1.46E-04
53	1.74385	5.6941E-05	9.9297E-05	6.05E-04	6.01E-08	0.05	4.71E-02	1.51E-10	1,000,000	1.51E-04
54	1.79348	5.6941E-05	0.00010212	6.05E-04	6.18E-08	0.05	4.71E-02	1.55E-10	1,000,000	1.55E-04
55	1.82747	5.6941E-05	0.00010406	6.05E-04	6.30E-08	0.05	4.71E-02	1.58E-10	1,000,000	1.58E-04
56	1.84484	5.6941E-05	0.00010505	6.05E-04	6.36E-08	0.05	4.71E-02	1.60E-10	1,000,000	1.60E-04
57	1.84492	5.6941E-05	0.00010505	6.05E-04	6.36E-08	0.05	4.71E-02	1.60E-10	1,000,000	1.60E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	1.82608	5.6941E-05	0.00010398	6.05E-04	6.29E-08	0.05	4.71E-02	1.58E-10	1,000,000	1.58E-04
59	1.48137	5.6941E-05	8.4351E-05	6.05E-04	5.10E-08	0.05	4.71E-02	1.28E-10	1,000,000	1.28E-04
60	1.58612	5.6941E-05	9.0316E-05	6.05E-04	5.46E-08	0.05	4.71E-02	1.37E-10	1,000,000	1.37E-04
61	1.69225	5.6941E-05	9.6359E-05	6.05E-04	5.83E-08	0.05	4.71E-02	1.47E-10	1,000,000	1.47E-04
62	1.79254	5.6941E-05	0.00010207	6.05E-04	6.18E-08	0.05	4.71E-02	1.55E-10	1,000,000	1.55E-04
63	1.88076	5.6941E-05	0.00010709	6.05E-04	6.48E-08	0.05	4.71E-02	1.63E-10	1,000,000	1.63E-04
64	1.95265	5.6941E-05	0.00011119	6.05E-04	6.73E-08	0.05	4.71E-02	1.69E-10	1,000,000	1.69E-04
65	2.00551	5.6941E-05	0.0001142	6.05E-04	6.91E-08	0.05	4.71E-02	1.74E-10	1,000,000	1.74E-04
66	2.03763	5.6941E-05	0.00011603	6.05E-04	7.02E-08	0.05	4.71E-02	1.77E-10	1,000,000	1.77E-04
67	2.04807	5.6941E-05	0.00011662	6.05E-04	7.06E-08	0.05	4.71E-02	1.77E-10	1,000,000	1.77E-04
68	2.03666	5.6941E-05	0.00011597	6.05E-04	7.02E-08	0.05	4.71E-02	1.76E-10	1,000,000	1.76E-04
69	2.00256	5.6941E-05	0.00011403	6.05E-04	6.90E-08	0.05	4.71E-02	1.73E-10	1,000,000	1.73E-04
70	1.64877	5.6941E-05	9.3883E-05	6.05E-04	5.68E-08	0.05	4.71E-02	1.43E-10	1,000,000	1.43E-04
71	1.7743	5.6941E-05	0.00010103	6.05E-04	6.11E-08	0.05	4.71E-02	1.54E-10	1,000,000	1.54E-04
72	1.90169	5.6941E-05	0.00010828	6.05E-04	6.55E-08	0.05	4.71E-02	1.65E-10	1,000,000	1.65E-04
73	2.02111	5.6941E-05	0.00011508	6.05E-04	6.96E-08	0.05	4.71E-02	1.75E-10	1,000,000	1.75E-04
74	2.12401	5.6941E-05	0.00012094	6.05E-04	7.32E-08	0.05	4.71E-02	1.84E-10	1,000,000	1.84E-04
75	2.20455	5.6941E-05	0.00012553	6.05E-04	7.60E-08	0.05	4.71E-02	1.91E-10	1,000,000	1.91E-04
76	2.25915	5.6941E-05	0.00012864	6.05E-04	7.78E-08	0.05	4.71E-02	1.96E-10	1,000,000	1.96E-04
77	2.28583	5.6941E-05	0.00013016	6.05E-04	7.88E-08	0.05	4.71E-02	1.98E-10	1,000,000	1.98E-04
78	2.28416	5.6941E-05	0.00013006	6.05E-04	7.87E-08	0.05	4.71E-02	1.98E-10	1,000,000	1.98E-04
79	2.25521	5.6941E-05	0.00012841	6.05E-04	7.77E-08	0.05	4.71E-02	1.95E-10	1,000,000	1.95E-04
80	2.19967	5.6941E-05	0.00012525	6.05E-04	7.58E-08	0.05	4.71E-02	1.91E-10	1,000,000	1.91E-04
81	1.8504	5.6941E-05	0.00010536	6.05E-04	6.38E-08	0.05	4.71E-02	1.60E-10	1,000,000	1.60E-04
82	2.00315	5.6941E-05	0.00011406	6.05E-04	6.90E-08	0.05	4.71E-02	1.74E-10	1,000,000	1.74E-04
83	2.15843	5.6941E-05	0.0001229	6.05E-04	7.44E-08	0.05	4.71E-02	1.87E-10	1,000,000	1.87E-04
84	2.30248	5.6941E-05	0.00013111	6.05E-04	7.93E-08	0.05	4.71E-02	1.99E-10	1,000,000	1.99E-04
85	2.42318	5.6941E-05	0.00013798	6.05E-04	8.35E-08	0.05	4.71E-02	2.10E-10	1,000,000	2.10E-04
86	2.51234	5.6941E-05	0.00014306	6.05E-04	8.66E-08	0.05	4.71E-02	2.18E-10	1,000,000	2.18E-04
87	2.56534	5.6941E-05	0.00014607	6.05E-04	8.84E-08	0.05	4.71E-02	2.22E-10	1,000,000	2.22E-04
88	2.58039	5.6941E-05	0.00014693	6.05E-04	8.89E-08	0.05	4.71E-02	2.24E-10	1,000,000	2.24E-04
89	2.55858	5.6941E-05	0.00014569	6.05E-04	8.82E-08	0.05	4.71E-02	2.22E-10	1,000,000	2.22E-04
90	2.50349	5.6941E-05	0.00014255	6.05E-04	8.63E-08	0.05	4.71E-02	2.17E-10	1,000,000	2.17E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	2.41839	5.6941E-05	0.00013771	6.05E-04	8.33E-08	0.05	4.71E-02	2.09E-10	1,000,000	2.09E-04
92	2.09714	5.6941E-05	0.00011941	6.05E-04	7.23E-08	0.05	4.71E-02	1.82E-10	1,000,000	1.82E-04
93	2.28647	5.6941E-05	0.00013019	6.05E-04	7.88E-08	0.05	4.71E-02	1.98E-10	1,000,000	1.98E-04
94	2.47926	5.6941E-05	0.00014117	6.05E-04	8.54E-08	0.05	4.71E-02	2.15E-10	1,000,000	2.15E-04
95	2.65556	5.6941E-05	0.00015121	6.05E-04	9.15E-08	0.05	4.71E-02	2.30E-10	1,000,000	2.30E-04
96	2.79756	5.6941E-05	0.0001593	6.05E-04	9.64E-08	0.05	4.71E-02	2.42E-10	1,000,000	2.42E-04
97	2.89364	5.6941E-05	0.00016477	6.05E-04	9.97E-08	0.05	4.71E-02	2.51E-10	1,000,000	2.51E-04
98	2.93825	5.6941E-05	0.00016731	6.05E-04	1.01E-07	0.05	4.71E-02	2.55E-10	1,000,000	2.55E-04
99	2.93111	5.6941E-05	0.0001669	6.05E-04	1.01E-07	0.05	4.71E-02	2.54E-10	1,000,000	2.54E-04
100	2.87691	5.6941E-05	0.00016382	6.05E-04	9.91E-08	0.05	4.71E-02	2.49E-10	1,000,000	2.49E-04
101	2.78379	5.6941E-05	0.00015851	6.05E-04	9.59E-08	0.05	4.71E-02	2.41E-10	1,000,000	2.41E-04
102	2.65883	5.6941E-05	0.0001514	6.05E-04	9.16E-08	0.05	4.71E-02	2.30E-10	1,000,000	2.30E-04
103	3.00723	5.6941E-05	0.00017124	6.05E-04	1.04E-07	0.05	4.71E-02	2.61E-10	1,000,000	2.61E-04
104	3.17421	5.6941E-05	0.00018074	6.05E-04	1.09E-07	0.05	4.71E-02	2.75E-10	1,000,000	2.75E-04
105	3.32181	5.6941E-05	0.00018915	6.05E-04	1.14E-07	0.05	4.71E-02	2.88E-10	1,000,000	2.88E-04
106	3.34148	5.6941E-05	0.00019027	6.05E-04	1.15E-07	0.05	4.71E-02	2.89E-10	1,000,000	2.89E-04
107	3.34886	5.6941E-05	0.00019069	6.05E-04	1.15E-07	0.05	4.71E-02	2.90E-10	1,000,000	2.90E-04
108	3.24413	5.6941E-05	0.00018473	6.05E-04	1.12E-07	0.05	4.71E-02	2.81E-10	1,000,000	2.81E-04
109	3.09708	5.6941E-05	0.00017635	6.05E-04	1.07E-07	0.05	4.71E-02	2.68E-10	1,000,000	2.68E-04
110	2.91971	5.6941E-05	0.00016625	6.05E-04	1.01E-07	0.05	4.71E-02	2.53E-10	1,000,000	2.53E-04
111	2.80111	5.6941E-05	0.0001595	6.05E-04	9.65E-08	0.05	4.71E-02	2.43E-10	1,000,000	2.43E-04
112	2.54631	5.6941E-05	0.00014499	6.05E-04	8.77E-08	0.05	4.71E-02	2.21E-10	1,000,000	2.21E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.11749	5.6941E-05	6.3631E-05	2.50E-04	1.59E-08	0.05	1.57E-02	1.33E-11	1,000,000	1.33E-05
27	1.18286	5.6941E-05	6.7354E-05	2.50E-04	1.69E-08	0.05	1.57E-02	1.41E-11	1,000,000	1.41E-05
28	1.24884	5.6941E-05	7.1111E-05	2.50E-04	1.78E-08	0.05	1.57E-02	1.49E-11	1,000,000	1.49E-05
29	1.31213	5.6941E-05	7.4714E-05	2.50E-04	1.87E-08	0.05	1.57E-02	1.57E-11	1,000,000	1.57E-05
30	1.36994	5.6941E-05	7.8006E-05	2.50E-04	1.95E-08	0.05	1.57E-02	1.64E-11	1,000,000	1.64E-05
31	1.42041	5.6941E-05	8.088E-05	2.50E-04	2.02E-08	0.05	1.57E-02	1.70E-11	1,000,000	1.70E-05
32	1.46237	5.6941E-05	8.3269E-05	2.50E-04	2.08E-08	0.05	1.57E-02	1.75E-11	1,000,000	1.75E-05
33	1.49502	5.6941E-05	8.5128E-05	2.50E-04	2.13E-08	0.05	1.57E-02	1.79E-11	1,000,000	1.79E-05
34	1.51768	5.6941E-05	8.6419E-05	2.50E-04	2.16E-08	0.05	1.57E-02	1.81E-11	1,000,000	1.81E-05
35	1.52957	5.6941E-05	8.7096E-05	2.50E-04	2.18E-08	0.05	1.57E-02	1.83E-11	1,000,000	1.83E-05
36	1.52873	5.6941E-05	8.7048E-05	2.50E-04	2.18E-08	0.05	1.57E-02	1.83E-11	1,000,000	1.83E-05
37	1.22059	5.6941E-05	6.9502E-05	2.50E-04	1.74E-08	0.05	1.57E-02	1.46E-11	1,000,000	1.46E-05
38	1.2963	5.6941E-05	7.3813E-05	2.50E-04	1.85E-08	0.05	1.57E-02	1.55E-11	1,000,000	1.55E-05
39	1.37281	5.6941E-05	7.817E-05	2.50E-04	1.96E-08	0.05	1.57E-02	1.64E-11	1,000,000	1.64E-05
40	1.44591	5.6941E-05	8.2332E-05	2.50E-04	2.06E-08	0.05	1.57E-02	1.73E-11	1,000,000	1.73E-05
41	1.51203	5.6941E-05	8.6097E-05	2.50E-04	2.15E-08	0.05	1.57E-02	1.81E-11	1,000,000	1.81E-05
42	1.56877	5.6941E-05	8.9328E-05	2.50E-04	2.24E-08	0.05	1.57E-02	1.87E-11	1,000,000	1.87E-05
43	1.6146	5.6941E-05	9.1938E-05	2.50E-04	2.30E-08	0.05	1.57E-02	1.93E-11	1,000,000	1.93E-05
44	1.64846	5.6941E-05	9.3866E-05	2.50E-04	2.35E-08	0.05	1.57E-02	1.97E-11	1,000,000	1.97E-05
45	1.66949	5.6941E-05	9.5063E-05	2.50E-04	2.38E-08	0.05	1.57E-02	1.99E-11	1,000,000	1.99E-05
46	1.6769	5.6941E-05	9.5485E-05	2.50E-04	2.39E-08	0.05	1.57E-02	2.00E-11	1,000,000	2.00E-05
47	1.66872	5.6941E-05	9.5019E-05	2.50E-04	2.38E-08	0.05	1.57E-02	1.99E-11	1,000,000	1.99E-05
48	1.3405	5.6941E-05	7.633E-05	2.50E-04	1.91E-08	0.05	1.57E-02	1.60E-11	1,000,000	1.60E-05
49	1.42906	5.6941E-05	8.1373E-05	2.50E-04	2.04E-08	0.05	1.57E-02	1.71E-11	1,000,000	1.71E-05
50	1.51866	5.6941E-05	8.6475E-05	2.50E-04	2.16E-08	0.05	1.57E-02	1.81E-11	1,000,000	1.81E-05
51	1.60385	5.6941E-05	9.1325E-05	2.50E-04	2.29E-08	0.05	1.57E-02	1.92E-11	1,000,000	1.92E-05
52	1.67997	5.6941E-05	9.566E-05	2.50E-04	2.39E-08	0.05	1.57E-02	2.01E-11	1,000,000	2.01E-05
53	1.74385	5.6941E-05	9.9297E-05	2.50E-04	2.49E-08	0.05	1.57E-02	2.08E-11	1,000,000	2.08E-05
54	1.79348	5.6941E-05	0.00010212	2.50E-04	2.56E-08	0.05	1.57E-02	2.14E-11	1,000,000	2.14E-05
55	1.82747	5.6941E-05	0.00010406	2.50E-04	2.60E-08	0.05	1.57E-02	2.18E-11	1,000,000	2.18E-05
56	1.84484	5.6941E-05	0.00010505	2.50E-04	2.63E-08	0.05	1.57E-02	2.20E-11	1,000,000	2.20E-05
57	1.84492	5.6941E-05	0.00010505	2.50E-04	2.63E-08	0.05	1.57E-02	2.20E-11	1,000,000	2.20E-05
58	1.82608	5.6941E-05	0.00010398	2.50E-04	2.60E-08	0.05	1.57E-02	2.18E-11	1,000,000	2.18E-05
59	1.48137	5.6941E-05	8.4351E-05	2.50E-04	2.11E-08	0.05	1.57E-02	1.77E-11	1,000,000	1.77E-05
60	1.58612	5.6941E-05	9.0316E-05	2.50E-04	2.26E-08	0.05	1.57E-02	1.89E-11	1,000,000	1.89E-05
61	1.69225	5.6941E-05	9.6359E-05	2.50E-04	2.41E-08	0.05	1.57E-02	2.02E-11	1,000,000	2.02E-05
62	1.79254	5.6941E-05	0.00010207	2.50E-04	2.55E-08	0.05	1.57E-02	2.14E-11	1,000,000	2.14E-05
63	1.88076	5.6941E-05	0.00010709	2.50E-04	2.68E-08	0.05	1.57E-02	2.25E-11	1,000,000	2.25E-05
64	1.95265	5.6941E-05	0.00011119	2.50E-04	2.78E-08	0.05	1.57E-02	2.33E-11	1,000,000	2.33E-05
65	2.00551	5.6941E-05	0.0001142	2.50E-04	2.86E-08	0.05	1.57E-02	2.40E-11	1,000,000	2.40E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	2.03763	5.6941E-05	0.00011603	2.50E-04	2.90E-08	0.05	1.57E-02	2.43E-11	1,000,000	2.43E-05
67	2.04807	5.6941E-05	0.00011662	2.50E-04	2.92E-08	0.05	1.57E-02	2.45E-11	1,000,000	2.45E-05
68	2.03666	5.6941E-05	0.00011597	2.50E-04	2.90E-08	0.05	1.57E-02	2.43E-11	1,000,000	2.43E-05
69	2.00256	5.6941E-05	0.00011403	2.50E-04	2.85E-08	0.05	1.57E-02	2.39E-11	1,000,000	2.39E-05
70	1.64877	5.6941E-05	9.3883E-05	2.50E-04	2.35E-08	0.05	1.57E-02	1.97E-11	1,000,000	1.97E-05
71	1.7743	5.6941E-05	0.00010103	2.50E-04	2.53E-08	0.05	1.57E-02	2.12E-11	1,000,000	2.12E-05
72	1.90169	5.6941E-05	0.00010828	2.50E-04	2.71E-08	0.05	1.57E-02	2.27E-11	1,000,000	2.27E-05
73	2.02111	5.6941E-05	0.00011508	2.50E-04	2.88E-08	0.05	1.57E-02	2.41E-11	1,000,000	2.41E-05
74	2.12401	5.6941E-05	0.00012094	2.50E-04	3.03E-08	0.05	1.57E-02	2.54E-11	1,000,000	2.54E-05
75	2.20455	5.6941E-05	0.00012553	2.50E-04	3.14E-08	0.05	1.57E-02	2.63E-11	1,000,000	2.63E-05
76	2.25915	5.6941E-05	0.00012864	2.50E-04	3.22E-08	0.05	1.57E-02	2.70E-11	1,000,000	2.70E-05
77	2.28583	5.6941E-05	0.00013016	2.50E-04	3.26E-08	0.05	1.57E-02	2.73E-11	1,000,000	2.73E-05
78	2.28416	5.6941E-05	0.00013006	2.50E-04	3.26E-08	0.05	1.57E-02	2.73E-11	1,000,000	2.73E-05
79	2.25521	5.6941E-05	0.00012841	2.50E-04	3.21E-08	0.05	1.57E-02	2.69E-11	1,000,000	2.69E-05
80	2.19967	5.6941E-05	0.00012525	2.50E-04	3.13E-08	0.05	1.57E-02	2.63E-11	1,000,000	2.63E-05
81	1.8504	5.6941E-05	0.00010536	2.50E-04	2.64E-08	0.05	1.57E-02	2.21E-11	1,000,000	2.21E-05
82	2.00315	5.6941E-05	0.00011406	2.50E-04	2.85E-08	0.05	1.57E-02	2.39E-11	1,000,000	2.39E-05
83	2.15843	5.6941E-05	0.0001229	2.50E-04	3.08E-08	0.05	1.57E-02	2.58E-11	1,000,000	2.58E-05
84	2.30248	5.6941E-05	0.00013111	2.50E-04	3.28E-08	0.05	1.57E-02	2.75E-11	1,000,000	2.75E-05
85	2.42318	5.6941E-05	0.00013798	2.50E-04	3.45E-08	0.05	1.57E-02	2.89E-11	1,000,000	2.89E-05
86	2.51234	5.6941E-05	0.00014306	2.50E-04	3.58E-08	0.05	1.57E-02	3.00E-11	1,000,000	3.00E-05
87	2.56534	5.6941E-05	0.00014607	2.50E-04	3.66E-08	0.05	1.57E-02	3.06E-11	1,000,000	3.06E-05
88	2.58039	5.6941E-05	0.00014693	2.50E-04	3.68E-08	0.05	1.57E-02	3.08E-11	1,000,000	3.08E-05
89	2.55858	5.6941E-05	0.00014569	2.50E-04	3.65E-08	0.05	1.57E-02	3.06E-11	1,000,000	3.06E-05
90	2.50349	5.6941E-05	0.00014255	2.50E-04	3.57E-08	0.05	1.57E-02	2.99E-11	1,000,000	2.99E-05
91	2.41839	5.6941E-05	0.00013771	2.50E-04	3.45E-08	0.05	1.57E-02	2.89E-11	1,000,000	2.89E-05
92	2.09714	5.6941E-05	0.00011941	2.50E-04	2.99E-08	0.05	1.57E-02	2.50E-11	1,000,000	2.50E-05
93	2.28647	5.6941E-05	0.00013019	2.50E-04	3.26E-08	0.05	1.57E-02	2.73E-11	1,000,000	2.73E-05
94	2.47926	5.6941E-05	0.00014117	2.50E-04	3.53E-08	0.05	1.57E-02	2.96E-11	1,000,000	2.96E-05
95	2.65556	5.6941E-05	0.00015121	2.50E-04	3.78E-08	0.05	1.57E-02	3.17E-11	1,000,000	3.17E-05
96	2.79756	5.6941E-05	0.0001593	2.50E-04	3.99E-08	0.05	1.57E-02	3.34E-11	1,000,000	3.34E-05
97	2.89364	5.6941E-05	0.00016477	2.50E-04	4.12E-08	0.05	1.57E-02	3.46E-11	1,000,000	3.46E-05
98	2.93825	5.6941E-05	0.00016731	2.50E-04	4.19E-08	0.05	1.57E-02	3.51E-11	1,000,000	3.51E-05
99	2.93111	5.6941E-05	0.0001669	2.50E-04	4.18E-08	0.05	1.57E-02	3.50E-11	1,000,000	3.50E-05
100	2.87691	5.6941E-05	0.00016382	2.50E-04	4.10E-08	0.05	1.57E-02	3.44E-11	1,000,000	3.44E-05
101	2.78379	5.6941E-05	0.00015851	2.50E-04	3.97E-08	0.05	1.57E-02	3.32E-11	1,000,000	3.32E-05
102	2.65883	5.6941E-05	0.0001514	2.50E-04	3.79E-08	0.05	1.57E-02	3.18E-11	1,000,000	3.18E-05
103	3.00723	5.6941E-05	0.00017124	2.50E-04	4.29E-08	0.05	1.57E-02	3.59E-11	1,000,000	3.59E-05
104	3.17421	5.6941E-05	0.00018074	2.50E-04	4.52E-08	0.05	1.57E-02	3.79E-11	1,000,000	3.79E-05
105	3.32181	5.6941E-05	0.00018915	2.50E-04	4.73E-08	0.05	1.57E-02	3.97E-11	1,000,000	3.97E-05
106	3.34148	5.6941E-05	0.00019027	2.50E-04	4.76E-08	0.05	1.57E-02	3.99E-11	1,000,000	3.99E-05
107	3.34886	5.6941E-05	0.00019069	2.50E-04	4.77E-08	0.05	1.57E-02	4.00E-11	1,000,000	4.00E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	3.24413	5.6941E-05	0.00018473	2.50E-04	4.62E-08	0.05	1.57E-02	3.87E-11	1,000,000	3.87E-05
109	3.09708	5.6941E-05	0.00017635	2.50E-04	4.41E-08	0.05	1.57E-02	3.70E-11	1,000,000	3.70E-05
110	2.91971	5.6941E-05	0.00016625	2.50E-04	4.16E-08	0.05	1.57E-02	3.49E-11	1,000,000	3.49E-05
111	2.80111	5.6941E-05	0.0001595	2.50E-04	3.99E-08	0.05	1.57E-02	3.35E-11	1,000,000	3.35E-05
112	2.54631	5.6941E-05	0.00014499	2.50E-04	3.63E-08	0.05	1.57E-02	3.04E-11	1,000,000	3.04E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

					Cancer Risk From DGP2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.11003	1.70E-05	1.87E-06	1.05E-03	1.95E-09	0.05	1.57E-01	1.63E-11	1,000,000	1.6E-05
2	0.11521	1.6961E-05	1.95E-06	1.05E-03	2.04E-09	0.05	1.57E-01	1.71E-11	1,000,000	1.71E-05
3	0.12094	1.6961E-05	2.05E-06	1.05E-03	2.14E-09	0.05	1.57E-01	1.80E-11	1,000,000	1.80E-05
4	0.12702	1.6961E-05	2.15E-06	1.05E-03	2.25E-09	0.05	1.57E-01	1.89E-11	1,000,000	1.89E-05
5	0.13373	1.6961E-05	2.27E-06	1.05E-03	2.37E-09	0.05	1.57E-01	1.99E-11	1,000,000	1.99E-05
6	0.10862	1.6961E-05	1.84E-06	1.05E-03	1.93E-09	0.05	1.57E-01	1.61E-11	1,000,000	1.61E-05
7	0.11368	1.6961E-05	1.93E-06	1.05E-03	2.02E-09	0.05	1.57E-01	1.69E-11	1,000,000	1.69E-05
8	0.1192	1.6961E-05	2.02E-06	1.05E-03	2.11E-09	0.05	1.57E-01	1.77E-11	1,000,000	1.77E-05
9	0.12536	1.6961E-05	2.13E-06	1.05E-03	2.22E-09	0.05	1.57E-01	1.86E-11	1,000,000	1.86E-05
10	0.13191	1.6961E-05	2.24E-06	1.05E-03	2.34E-09	0.05	1.57E-01	1.96E-11	1,000,000	1.96E-05
11	0.10716	1.6961E-05	1.82E-06	1.05E-03	1.90E-09	0.05	1.57E-01	1.59E-11	1,000,000	1.59E-05
12	0.11215	1.6961E-05	1.90E-06	1.05E-03	1.99E-09	0.05	1.57E-01	1.67E-11	1,000,000	1.67E-05
13	0.11761	1.6961E-05	1.99E-06	1.05E-03	2.08E-09	0.05	1.57E-01	1.75E-11	1,000,000	1.75E-05
14	0.1237	1.6961E-05	2.10E-06	1.05E-03	2.19E-09	0.05	1.57E-01	1.84E-11	1,000,000	1.84E-05
15	0.13015	1.6961E-05	2.21E-06	1.05E-03	2.31E-09	0.05	1.57E-01	1.93E-11	1,000,000	1.93E-05
16	0.10576	1.6961E-05	1.79E-06	1.05E-03	1.87E-09	0.05	1.57E-01	1.57E-11	1,000,000	1.57E-05
17	0.11072	1.6961E-05	1.88E-06	1.05E-03	1.96E-09	0.05	1.57E-01	1.65E-11	1,000,000	1.65E-05
18	0.11607	1.6961E-05	1.97E-06	1.05E-03	2.06E-09	0.05	1.57E-01	1.72E-11	1,000,000	1.72E-05
19	0.12182	1.6961E-05	2.07E-06	1.05E-03	2.16E-09	0.05	1.57E-01	1.81E-11	1,000,000	1.81E-05
20	0.1282	1.6961E-05	2.17E-06	1.05E-03	2.27E-09	0.05	1.57E-01	1.90E-11	1,000,000	1.90E-05
21	0.10446	1.6961E-05	1.77E-06	1.05E-03	1.85E-09	0.05	1.57E-01	1.55E-11	1,000,000	1.55E-05
22	0.10932	1.6961E-05	1.85E-06	1.05E-03	1.94E-09	0.05	1.57E-01	1.62E-11	1,000,000	1.62E-05
23	0.11459	1.6961E-05	1.94E-06	1.05E-03	2.03E-09	0.05	1.57E-01	1.70E-11	1,000,000	1.70E-05
24	0.12028	1.6961E-05	2.04E-06	1.05E-03	2.13E-09	0.05	1.57E-01	1.79E-11	1,000,000	1.79E-05
25	0.12636	1.6961E-05	2.14E-06	1.05E-03	2.24E-09	0.05	1.57E-01	1.88E-11	1,000,000	1.88E-05
113	1.12358	1.6961E-05	1.91E-05	1.05E-03	1.99E-08	0.05	1.57E-01	1.67E-10	1,000,000	1.67E-04
114	0.97242	1.6961E-05	1.65E-05	1.05E-03	1.72E-08	0.05	1.57E-01	1.44E-10	1,000,000	1.44E-04
115	0.85076	1.6961E-05	1.44E-05	1.05E-03	1.51E-08	0.05	1.57E-01	1.26E-10	1,000,000	1.26E-04
116	0.75155	1.6961E-05	1.27E-05	1.05E-03	1.33E-08	0.05	1.57E-01	1.12E-10	1,000,000	1.12E-04
117	1.12954	1.6961E-05	1.92E-05	1.05E-03	2.00E-08	0.05	1.57E-01	1.68E-10	1,000,000	1.68E-04
118	0.97539	1.6961E-05	1.65E-05	1.05E-03	1.73E-08	0.05	1.57E-01	1.45E-10	1,000,000	1.45E-04
119	0.85219	1.6961E-05	1.45E-05	1.05E-03	1.51E-08	0.05	1.57E-01	1.27E-10	1,000,000	1.27E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.7522	1.6961E-05	1.28E-05	1.05E-03	1.33E-08	0.05	1.57E-01	1.12E-10	1,000,000	1.12E-04
121	1.13017	1.6961E-05	1.92E-05	1.05E-03	2.00E-08	0.05	1.57E-01	1.68E-10	1,000,000	1.68E-04
122	0.97483	1.6961E-05	1.65E-05	1.05E-03	1.73E-08	0.05	1.57E-01	1.45E-10	1,000,000	1.45E-04
123	0.85116	1.6961E-05	1.44E-05	1.05E-03	1.51E-08	0.05	1.57E-01	1.26E-10	1,000,000	1.26E-04
124	0.75101	1.6961E-05	1.27E-05	1.05E-03	1.33E-08	0.05	1.57E-01	1.12E-10	1,000,000	1.12E-04
125	1.12547	1.6961E-05	1.91E-05	1.05E-03	2.00E-08	0.05	1.57E-01	1.67E-10	1,000,000	1.67E-04
126	0.97046	1.6961E-05	1.65E-05	1.05E-03	1.72E-08	0.05	1.57E-01	1.44E-10	1,000,000	1.44E-04
127	0.84721	1.6961E-05	1.44E-05	1.05E-03	1.50E-08	0.05	1.57E-01	1.26E-10	1,000,000	1.26E-04
128	0.74746	1.6961E-05	1.27E-05	1.05E-03	1.33E-08	0.05	1.57E-01	1.11E-10	1,000,000	1.11E-04
129	1.11497	1.6961E-05	1.89E-05	1.05E-03	1.98E-08	0.05	1.57E-01	1.66E-10	1,000,000	1.66E-04
130	0.96172	1.6961E-05	1.63E-05	1.05E-03	1.70E-08	0.05	1.57E-01	1.43E-10	1,000,000	1.43E-04
131	0.83981	1.6961E-05	1.42E-05	1.05E-03	1.49E-08	0.05	1.57E-01	1.25E-10	1,000,000	1.25E-04
132	0.74109	1.6961E-05	1.26E-05	1.05E-03	1.31E-08	0.05	1.57E-01	1.10E-10	1,000,000	1.10E-04
133	1.09734	1.6961E-05	1.86E-05	1.05E-03	1.95E-08	0.05	1.57E-01	1.63E-10	1,000,000	1.63E-04
134	0.94768	1.6961E-05	1.61E-05	1.05E-03	1.68E-08	0.05	1.57E-01	1.41E-10	1,000,000	1.41E-04
135	0.82832	1.6961E-05	1.40E-05	1.05E-03	1.47E-08	0.05	1.57E-01	1.23E-10	1,000,000	1.23E-04
136	0.73148	1.6961E-05	1.24E-05	1.05E-03	1.30E-08	0.05	1.57E-01	1.09E-10	1,000,000	1.09E-04
137	1.07058	1.6961E-05	1.82E-05	1.05E-03	1.90E-08	0.05	1.57E-01	1.59E-10	1,000,000	1.59E-04
138	0.81199	1.6961E-05	1.38E-05	1.05E-03	1.44E-08	0.05	1.57E-01	1.21E-10	1,000,000	1.21E-04
139	0.71822	1.6961E-05	1.22E-05	1.05E-03	1.27E-08	0.05	1.57E-01	1.07E-10	1,000,000	1.07E-04
140	0.92523	1.6961E-05	1.57E-05	1.05E-03	1.64E-08	0.05	1.57E-01	1.37E-10	1,000,000	1.37E-04
141	0.8165	1.6961E-05	1.38E-05	1.05E-03	1.45E-08	0.05	1.57E-01	1.21E-10	1,000,000	1.21E-04
142	0.72655	1.6961E-05	1.23E-05	1.05E-03	1.29E-08	0.05	1.57E-01	1.08E-10	1,000,000	1.08E-04
143	0.65112	1.6961E-05	1.10E-05	1.05E-03	1.15E-08	0.05	1.57E-01	9.67E-11	1,000,000	9.67E-05
144	0.86062	1.6961E-05	1.46E-05	1.05E-03	1.53E-08	0.05	1.57E-01	1.28E-10	1,000,000	1.28E-04
145	0.76571	1.6961E-05	1.30E-05	1.05E-03	1.36E-08	0.05	1.57E-01	1.14E-10	1,000,000	1.14E-04
146	0.68642	1.6961E-05	1.16E-05	1.05E-03	1.22E-08	0.05	1.57E-01	1.02E-10	1,000,000	1.02E-04
147	0.61925	1.6961E-05	1.05E-05	1.05E-03	1.10E-08	0.05	1.57E-01	9.20E-11	1,000,000	9.20E-05
148	0.79377	1.6961E-05	1.35E-05	1.05E-03	1.41E-08	0.05	1.57E-01	1.18E-10	1,000,000	1.18E-04
149	0.71174	1.6961E-05	1.21E-05	1.05E-03	1.26E-08	0.05	1.57E-01	1.06E-10	1,000,000	1.06E-04
150	0.64272	1.6961E-05	1.09E-05	1.05E-03	1.14E-08	0.05	1.57E-01	9.55E-11	1,000,000	9.55E-05
151	0.58381	1.6961E-05	9.90E-06	1.05E-03	1.03E-08	0.05	1.57E-01	8.67E-11	1,000,000	8.67E-05
152	0.72856	1.6961E-05	1.24E-05	1.05E-03	1.29E-08	0.05	1.57E-01	1.08E-10	1,000,000	1.08E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.65762	1.6961E-05	1.12E-05	1.05E-03	1.17E-08	0.05	1.57E-01	9.77E-11	1,000,000	9.77E-05
154	0.5977	1.6961E-05	1.01E-05	1.05E-03	1.06E-08	0.05	1.57E-01	8.88E-11	1,000,000	8.88E-05
155	0.54637	1.6961E-05	9.27E-06	1.05E-03	9.69E-09	0.05	1.57E-01	8.12E-11	1,000,000	8.12E-05
156	0.6686	1.6961E-05	1.13E-05	1.05E-03	1.19E-08	0.05	1.57E-01	9.93E-11	1,000,000	9.93E-05
157	0.6064	1.6961E-05	1.03E-05	1.05E-03	1.08E-08	0.05	1.57E-01	9.01E-11	1,000,000	9.01E-05
158	0.55386	1.6961E-05	9.39E-06	1.05E-03	9.82E-09	0.05	1.57E-01	8.23E-11	1,000,000	8.23E-05
159	0.50887	1.6961E-05	8.63E-06	1.05E-03	9.02E-09	0.05	1.57E-01	7.56E-11	1,000,000	7.56E-05
160	0.61617	1.6961E-05	1.05E-05	1.05E-03	1.09E-08	0.05	1.57E-01	9.15E-11	1,000,000	9.15E-05
161	0.56045	1.6961E-05	9.51E-06	1.05E-03	9.94E-09	0.05	1.57E-01	8.33E-11	1,000,000	8.33E-05
162	0.51344	1.6961E-05	8.71E-06	1.05E-03	9.10E-09	0.05	1.57E-01	7.63E-11	1,000,000	7.63E-05
163	0.47317	1.6961E-05	8.03E-06	1.05E-03	8.39E-09	0.05	1.57E-01	7.03E-11	1,000,000	7.03E-05
164	0.57157	1.6961E-05	9.69E-06	1.05E-03	1.01E-08	0.05	1.57E-01	8.49E-11	1,000,000	8.49E-05
165	0.52081	1.6961E-05	8.83E-06	1.05E-03	9.23E-09	0.05	1.57E-01	7.74E-11	1,000,000	7.74E-05
166	0.4772	1.6961E-05	8.09E-06	1.05E-03	8.46E-09	0.05	1.57E-01	7.09E-11	1,000,000	7.09E-05
167	0.44054	1.6961E-05	7.47E-06	1.05E-03	7.81E-09	0.05	1.57E-01	6.55E-11	1,000,000	6.55E-05
168	0.53345	1.6961E-05	9.05E-06	1.05E-03	9.46E-09	0.05	1.57E-01	7.93E-11	1,000,000	7.93E-05
169	0.48706	1.6961E-05	8.26E-06	1.05E-03	8.63E-09	0.05	1.57E-01	7.24E-11	1,000,000	7.24E-05
170	0.44664	1.6961E-05	7.58E-06	1.05E-03	7.92E-09	0.05	1.57E-01	6.64E-11	1,000,000	6.64E-05
171	0.41271	1.6961E-05	7.00E-06	1.05E-03	7.32E-09	0.05	1.57E-01	6.13E-11	1,000,000	6.13E-05
172	0.49995	1.6961E-05	8.48E-06	1.05E-03	8.86E-09	0.05	1.57E-01	7.43E-11	1,000,000	7.43E-05
173	0.45788	1.6961E-05	7.77E-06	1.05E-03	8.12E-09	0.05	1.57E-01	6.80E-11	1,000,000	6.80E-05
174	0.42066	1.6961E-05	7.13E-06	1.05E-03	7.46E-09	0.05	1.57E-01	6.25E-11	1,000,000	6.25E-05
175	0.38888	1.6961E-05	6.60E-06	1.05E-03	6.89E-09	0.05	1.57E-01	5.78E-11	1,000,000	5.78E-05
176	0.46957	1.6961E-05	7.96E-06	1.05E-03	8.32E-09	0.05	1.57E-01	6.98E-11	1,000,000	6.98E-05
177	0.43187	1.6961E-05	7.33E-06	1.05E-03	7.66E-09	0.05	1.57E-01	6.42E-11	1,000,000	6.42E-05
178	0.39787	1.6961E-05	6.75E-06	1.05E-03	7.05E-09	0.05	1.57E-01	5.91E-11	1,000,000	5.91E-05
179	0.36832	1.6961E-05	6.25E-06	1.05E-03	6.53E-09	0.05	1.57E-01	5.47E-11	1,000,000	5.47E-05
180	0.44141	1.6961E-05	7.49E-06	1.05E-03	7.83E-09	0.05	1.57E-01	6.56E-11	1,000,000	6.56E-05
181	0.40781	1.6961E-05	6.92E-06	1.05E-03	7.23E-09	0.05	1.57E-01	6.06E-11	1,000,000	6.06E-05
182	0.37725	1.6961E-05	6.40E-06	1.05E-03	6.69E-09	0.05	1.57E-01	5.61E-11	1,000,000	5.61E-05
183	0.35013	1.6961E-05	5.94E-06	1.05E-03	6.21E-09	0.05	1.57E-01	5.20E-11	1,000,000	5.20E-05
184	0.58184	1.6961E-05	9.87E-06	1.05E-03	1.03E-08	0.05	1.57E-01	8.64E-11	1,000,000	8.64E-05
185	0.50311	1.6961E-05	8.53E-06	1.05E-03	8.92E-09	0.05	1.57E-01	7.48E-11	1,000,000	7.48E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.46578	1.6961E-05	7.90E-06	1.05E-03	8.26E-09	0.05	1.57E-01	6.92E-11	1,000,000	6.92E-05
187	0.43135	1.6961E-05	7.32E-06	1.05E-03	7.65E-09	0.05	1.57E-01	6.41E-11	1,000,000	6.41E-05
188	0.3994	1.6961E-05	6.77E-06	1.05E-03	7.08E-09	0.05	1.57E-01	5.93E-11	1,000,000	5.93E-05
189	0.50226	1.6961E-05	8.52E-06	1.05E-03	8.90E-09	0.05	1.57E-01	7.46E-11	1,000,000	7.46E-05
190	0.46754	1.6961E-05	7.93E-06	1.05E-03	8.29E-09	0.05	1.57E-01	6.95E-11	1,000,000	6.95E-05
191	0.4354	1.6961E-05	7.38E-06	1.05E-03	7.72E-09	0.05	1.57E-01	6.47E-11	1,000,000	6.47E-05
192	0.40549	1.6961E-05	6.88E-06	1.05E-03	7.19E-09	0.05	1.57E-01	6.02E-11	1,000,000	6.02E-05
193	0.37721	1.6961E-05	6.40E-06	1.05E-03	6.69E-09	0.05	1.57E-01	5.60E-11	1,000,000	5.60E-05
194	0.46512	1.6961E-05	7.89E-06	1.05E-03	8.25E-09	0.05	1.57E-01	6.91E-11	1,000,000	6.91E-05
195	0.43527	1.6961E-05	7.38E-06	1.05E-03	7.72E-09	0.05	1.57E-01	6.47E-11	1,000,000	6.47E-05
196	0.40735	1.6961E-05	6.91E-06	1.05E-03	7.22E-09	0.05	1.57E-01	6.05E-11	1,000,000	6.05E-05
197	0.38088	1.6961E-05	6.46E-06	1.05E-03	6.75E-09	0.05	1.57E-01	5.66E-11	1,000,000	5.66E-05
198	0.35653	1.6961E-05	6.05E-06	1.05E-03	6.32E-09	0.05	1.57E-01	5.30E-11	1,000,000	5.30E-05
199	0.43198	1.6961E-05	7.33E-06	1.05E-03	7.66E-09	0.05	1.57E-01	6.42E-11	1,000,000	6.42E-05
200	0.40605	1.6961E-05	6.89E-06	1.05E-03	7.20E-09	0.05	1.57E-01	6.03E-11	1,000,000	6.03E-05
201	0.38153	1.6961E-05	6.47E-06	1.05E-03	6.76E-09	0.05	1.57E-01	5.67E-11	1,000,000	5.67E-05
202	0.35849	1.6961E-05	6.08E-06	1.05E-03	6.36E-09	0.05	1.57E-01	5.33E-11	1,000,000	5.33E-05
203	0.33702	1.6961E-05	5.72E-06	1.05E-03	5.97E-09	0.05	1.57E-01	5.01E-11	1,000,000	5.01E-05
204	0.50888	1.6961E-05	8.63E-06	1.05E-03	9.02E-09	0.05	1.57E-01	7.56E-11	1,000,000	7.56E-05
205	0.40229	1.6961E-05	6.82E-06	1.05E-03	7.13E-09	0.05	1.57E-01	5.98E-11	1,000,000	5.98E-05
206	0.3796	1.6961E-05	6.44E-06	1.05E-03	6.73E-09	0.05	1.57E-01	5.64E-11	1,000,000	5.64E-05
207	0.3578	1.6961E-05	6.07E-06	1.05E-03	6.34E-09	0.05	1.57E-01	5.32E-11	1,000,000	5.32E-05
208	0.33779	1.6961E-05	5.73E-06	1.05E-03	5.99E-09	0.05	1.57E-01	5.02E-11	1,000,000	5.02E-05
209	0.46846	1.6961E-05	7.95E-06	1.05E-03	8.30E-09	0.05	1.57E-01	6.96E-11	1,000,000	6.96E-05
210	0.44328	1.6961E-05	7.52E-06	1.05E-03	7.86E-09	0.05	1.57E-01	6.59E-11	1,000,000	6.59E-05
211	0.41931	1.6961E-05	7.11E-06	1.05E-03	7.43E-09	0.05	1.57E-01	6.23E-11	1,000,000	6.23E-05
212	0.39685	1.6961E-05	6.73E-06	1.05E-03	7.04E-09	0.05	1.57E-01	5.90E-11	1,000,000	5.90E-05
213	0.37564	1.6961E-05	6.37E-06	1.05E-03	6.66E-09	0.05	1.57E-01	5.58E-11	1,000,000	5.58E-05
214	0.35538	1.6961E-05	6.03E-06	1.05E-03	6.30E-09	0.05	1.57E-01	5.28E-11	1,000,000	5.28E-05
215	0.33638	1.6961E-05	5.71E-06	1.05E-03	5.96E-09	0.05	1.57E-01	5.00E-11	1,000,000	5.00E-05
216	0.43999	1.6961E-05	7.46E-06	1.05E-03	7.80E-09	0.05	1.57E-01	6.54E-11	1,000,000	6.54E-05
217	0.42109	1.6961E-05	7.14E-06	1.05E-03	7.47E-09	0.05	1.57E-01	6.26E-11	1,000,000	6.26E-05
218	0.4012	1.6961E-05	6.80E-06	1.05E-03	7.11E-09	0.05	1.57E-01	5.96E-11	1,000,000	5.96E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.38229	1.6961E-05	6.48E-06	1.05E-03	6.78E-09	0.05	1.57E-01	5.68E-11	1,000,000	5.68E-05
220	0.3638	1.6961E-05	6.17E-06	1.05E-03	6.45E-09	0.05	1.57E-01	5.41E-11	1,000,000	5.41E-05
221	0.34616	1.6961E-05	5.87E-06	1.05E-03	6.14E-09	0.05	1.57E-01	5.14E-11	1,000,000	5.14E-05
222	0.40765	1.6961E-05	6.91E-06	1.05E-03	7.23E-09	0.05	1.57E-01	6.06E-11	1,000,000	6.06E-05
223	0.39079	1.6961E-05	6.63E-06	1.05E-03	6.93E-09	0.05	1.57E-01	5.81E-11	1,000,000	5.81E-05
224	0.37357	1.6961E-05	6.34E-06	1.05E-03	6.62E-09	0.05	1.57E-01	5.55E-11	1,000,000	5.55E-05
225	0.35688	1.6961E-05	6.05E-06	1.05E-03	6.33E-09	0.05	1.57E-01	5.30E-11	1,000,000	5.30E-05
226	0.34036	1.6961E-05	5.77E-06	1.05E-03	6.03E-09	0.05	1.57E-01	5.06E-11	1,000,000	5.06E-05
227	0.37896	1.6961E-05	6.43E-06	1.05E-03	6.72E-09	0.05	1.57E-01	5.63E-11	1,000,000	5.63E-05
228	0.36398	1.6961E-05	6.17E-06	1.05E-03	6.45E-09	0.05	1.57E-01	5.41E-11	1,000,000	5.41E-05
229	0.34893	1.6961E-05	5.92E-06	1.05E-03	6.19E-09	0.05	1.57E-01	5.18E-11	1,000,000	5.18E-05
230	0.33373	1.6961E-05	5.66E-06	1.05E-03	5.92E-09	0.05	1.57E-01	4.96E-11	1,000,000	4.96E-05
231	0.35335	1.6961E-05	5.99E-06	1.05E-03	6.26E-09	0.05	1.57E-01	5.25E-11	1,000,000	5.25E-05
232	0.3403	1.6961E-05	5.77E-06	1.05E-03	6.03E-09	0.05	1.57E-01	5.06E-11	1,000,000	5.06E-05
233	0.32685	1.6961E-05	5.54E-06	1.05E-03	5.79E-09	0.05	1.57E-01	4.86E-11	1,000,000	4.86E-05
234	0.3133	1.6961E-05	5.31E-06	1.05E-03	5.55E-09	0.05	1.57E-01	4.65E-11	1,000,000	4.65E-05
235	0.3307	1.6961E-05	5.61E-06	1.05E-03	5.86E-09	0.05	1.57E-01	4.91E-11	1,000,000	4.91E-05
236	0.3191	1.6961E-05	5.41E-06	1.05E-03	5.66E-09	0.05	1.57E-01	4.74E-11	1,000,000	4.74E-05
237	0.30687	1.6961E-05	5.20E-06	1.05E-03	5.44E-09	0.05	1.57E-01	4.56E-11	1,000,000	4.56E-05
238	0.29491	1.6961E-05	5.00E-06	1.05E-03	5.23E-09	0.05	1.57E-01	4.38E-11	1,000,000	4.38E-05
239	0.31043	1.6961E-05	5.27E-06	1.05E-03	5.50E-09	0.05	1.57E-01	4.61E-11	1,000,000	4.61E-05
240	0.29997	1.6961E-05	5.09E-06	1.05E-03	5.32E-09	0.05	1.57E-01	4.46E-11	1,000,000	4.46E-05
241	0.28894	1.6961E-05	4.90E-06	1.05E-03	5.12E-09	0.05	1.57E-01	4.29E-11	1,000,000	4.29E-05
242	0.27825	1.6961E-05	4.72E-06	1.05E-03	4.93E-09	0.05	1.57E-01	4.13E-11	1,000,000	4.13E-05
243	0.31786	1.6961E-05	5.39E-06	1.05E-03	5.64E-09	0.05	1.57E-01	4.72E-11	1,000,000	4.72E-05
244	0.32356	1.6961E-05	5.49E-06	1.05E-03	5.74E-09	0.05	1.57E-01	4.81E-11	1,000,000	4.81E-05
245	0.327	1.6961E-05	5.55E-06	1.05E-03	5.80E-09	0.05	1.57E-01	4.86E-11	1,000,000	4.86E-05
246	0.32796	1.6961E-05	5.56E-06	1.05E-03	5.81E-09	0.05	1.57E-01	4.87E-11	1,000,000	4.87E-05
247	0.32621	1.6961E-05	5.53E-06	1.05E-03	5.78E-09	0.05	1.57E-01	4.85E-11	1,000,000	4.85E-05
248	0.32211	1.6961E-05	5.46E-06	1.05E-03	5.71E-09	0.05	1.57E-01	4.79E-11	1,000,000	4.79E-05
249	0.31574	1.6961E-05	5.36E-06	1.05E-03	5.60E-09	0.05	1.57E-01	4.69E-11	1,000,000	4.69E-05
250	0.3003	1.6961E-05	5.09E-06	1.05E-03	5.32E-09	0.05	1.57E-01	4.46E-11	1,000,000	4.46E-05
251	0.30509	1.6961E-05	5.17E-06	1.05E-03	5.41E-09	0.05	1.57E-01	4.53E-11	1,000,000	4.53E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.30787	1.6961E-05	5.22E-06	1.05E-03	5.46E-09	0.05	1.57E-01	4.57E-11	1,000,000	4.57E-05
253	0.30845	1.6961E-05	5.23E-06	1.05E-03	5.47E-09	0.05	1.57E-01	4.58E-11	1,000,000	4.58E-05
254	0.30665	1.6961E-05	5.20E-06	1.05E-03	5.44E-09	0.05	1.57E-01	4.56E-11	1,000,000	4.56E-05
255	0.30281	1.6961E-05	5.14E-06	1.05E-03	5.37E-09	0.05	1.57E-01	4.50E-11	1,000,000	4.50E-05
256	0.2968	1.6961E-05	5.03E-06	1.05E-03	5.26E-09	0.05	1.57E-01	4.41E-11	1,000,000	4.41E-05
257	0.28425	1.6961E-05	4.82E-06	1.05E-03	5.04E-09	0.05	1.57E-01	4.22E-11	1,000,000	4.22E-05
258	0.28829	1.6961E-05	4.89E-06	1.05E-03	5.11E-09	0.05	1.57E-01	4.28E-11	1,000,000	4.28E-05
259	0.29052	1.6961E-05	4.93E-06	1.05E-03	5.15E-09	0.05	1.57E-01	4.32E-11	1,000,000	4.32E-05
260	0.29081	1.6961E-05	4.93E-06	1.05E-03	5.16E-09	0.05	1.57E-01	4.32E-11	1,000,000	4.32E-05
261	0.28901	1.6961E-05	4.90E-06	1.05E-03	5.12E-09	0.05	1.57E-01	4.29E-11	1,000,000	4.29E-05
262	0.28539	1.6961E-05	4.84E-06	1.05E-03	5.06E-09	0.05	1.57E-01	4.24E-11	1,000,000	4.24E-05
263	0.27994	1.6961E-05	4.75E-06	1.05E-03	4.96E-09	0.05	1.57E-01	4.16E-11	1,000,000	4.16E-05
264	0.26951	1.6961E-05	4.57E-06	1.05E-03	4.78E-09	0.05	1.57E-01	4.00E-11	1,000,000	4.00E-05
265	0.27296	1.6961E-05	4.63E-06	1.05E-03	4.84E-09	0.05	1.57E-01	4.06E-11	1,000,000	4.06E-05
266	0.27475	1.6961E-05	4.66E-06	1.05E-03	4.87E-09	0.05	1.57E-01	4.08E-11	1,000,000	4.08E-05
267	0.27481	1.6961E-05	4.66E-06	1.05E-03	4.87E-09	0.05	1.57E-01	4.08E-11	1,000,000	4.08E-05
268	0.27311	1.6961E-05	4.63E-06	1.05E-03	4.84E-09	0.05	1.57E-01	4.06E-11	1,000,000	4.06E-05
269	0.26972	1.6961E-05	4.57E-06	1.05E-03	4.78E-09	0.05	1.57E-01	4.01E-11	1,000,000	4.01E-05
270	0.26471	1.6961E-05	4.49E-06	1.05E-03	4.69E-09	0.05	1.57E-01	3.93E-11	1,000,000	3.93E-05
271	0.25603	1.6961E-05	4.34E-06	1.05E-03	4.54E-09	0.05	1.57E-01	3.80E-11	1,000,000	3.80E-05
272	0.25894	1.6961E-05	4.39E-06	1.05E-03	4.59E-09	0.05	1.57E-01	3.85E-11	1,000,000	3.85E-05
273	0.26036	1.6961E-05	4.42E-06	1.05E-03	4.62E-09	0.05	1.57E-01	3.87E-11	1,000,000	3.87E-05
274	0.26023	1.6961E-05	4.41E-06	1.05E-03	4.61E-09	0.05	1.57E-01	3.87E-11	1,000,000	3.87E-05
275	0.25855	1.6961E-05	4.39E-06	1.05E-03	4.58E-09	0.05	1.57E-01	3.84E-11	1,000,000	3.84E-05
276	0.25539	1.6961E-05	4.33E-06	1.05E-03	4.53E-09	0.05	1.57E-01	3.79E-11	1,000,000	3.79E-05
277	0.25076	1.6961E-05	4.25E-06	1.05E-03	4.45E-09	0.05	1.57E-01	3.73E-11	1,000,000	3.73E-05
278	0.19991	1.6961E-05	3.39E-06	1.05E-03	3.54E-09	0.05	1.57E-01	2.97E-11	1,000,000	2.97E-05
279	0.20429	1.6961E-05	3.47E-06	1.05E-03	3.62E-09	0.05	1.57E-01	3.04E-11	1,000,000	3.04E-05
280	0.21584	1.6961E-05	3.66E-06	1.05E-03	3.83E-09	0.05	1.57E-01	3.21E-11	1,000,000	3.21E-05
281	0.21295	1.6961E-05	3.61E-06	1.05E-03	3.78E-09	0.05	1.57E-01	3.16E-11	1,000,000	3.16E-05
282	0.22642	1.6961E-05	3.84E-06	1.05E-03	4.01E-09	0.05	1.57E-01	3.36E-11	1,000,000	3.36E-05
283	0.20109	1.6961E-05	3.41E-06	1.05E-03	3.56E-09	0.05	1.57E-01	2.99E-11	1,000,000	2.99E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

					Cancer Risk From DGP2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	2.65446	1.6961E-05	4.50E-05	6.05E-04	2.72E-08	0.05	4.71E-02	6.85E-11	1,000,000	6.85E-05
27	3.17332	1.6961E-05	5.38E-05	6.05E-04	3.26E-08	0.05	4.71E-02	8.19E-11	1,000,000	8.19E-05
28	3.8718	1.6961E-05	6.57E-05	6.05E-04	3.97E-08	0.05	4.71E-02	9.99E-11	1,000,000	9.99E-05
29	4.84653	1.6961E-05	8.22E-05	6.05E-04	4.97E-08	0.05	4.71E-02	1.25E-10	1,000,000	1.25E-04
30	6.26753	1.6961E-05	1.06E-04	6.05E-04	6.43E-08	0.05	4.71E-02	1.62E-10	1,000,000	1.62E-04
31	8.44701	1.6961E-05	1.43E-04	6.05E-04	8.67E-08	0.05	4.71E-02	2.18E-10	1,000,000	2.18E-04
32	11.98271	1.6961E-05	2.03E-04	6.05E-04	1.23E-07	0.05	4.71E-02	3.09E-10	1,000,000	3.09E-04
33	18.072	1.6961E-05	3.07E-04	6.05E-04	1.85E-07	0.05	4.71E-02	4.66E-10	1,000,000	4.66E-04
34	29.41863	1.6961E-05	4.99E-04	6.05E-04	3.02E-07	0.05	4.71E-02	7.59E-10	1,000,000	7.59E-04
35	55.01483	1.6961E-05	9.33E-04	6.05E-04	5.65E-07	0.05	4.71E-02	1.42E-09	1,000,000	1.42E-03
36	50.90441	1.6961E-05	8.63E-04	6.05E-04	5.22E-07	0.05	4.71E-02	1.31E-09	1,000,000	1.31E-03
37	2.68513	1.6961E-05	4.55E-05	6.05E-04	2.76E-08	0.05	4.71E-02	6.93E-11	1,000,000	6.93E-05
38	3.21429	1.6961E-05	5.45E-05	6.05E-04	3.30E-08	0.05	4.71E-02	8.29E-11	1,000,000	8.29E-05
39	3.92709	1.6961E-05	6.66E-05	6.05E-04	4.03E-08	0.05	4.71E-02	1.01E-10	1,000,000	1.01E-04
40	4.91957	1.6961E-05	8.34E-05	6.05E-04	5.05E-08	0.05	4.71E-02	1.27E-10	1,000,000	1.27E-04
41	6.35491	1.6961E-05	1.08E-04	6.05E-04	6.52E-08	0.05	4.71E-02	1.64E-10	1,000,000	1.64E-04
42	8.51808	1.6961E-05	1.44E-04	6.05E-04	8.74E-08	0.05	4.71E-02	2.20E-10	1,000,000	2.20E-04
43	11.92758	1.6961E-05	2.02E-04	6.05E-04	1.22E-07	0.05	4.71E-02	3.08E-10	1,000,000	3.08E-04
44	17.59864	1.6961E-05	2.98E-04	6.05E-04	1.81E-07	0.05	4.71E-02	4.54E-10	1,000,000	4.54E-04
45	27.91014	1.6961E-05	4.73E-04	6.05E-04	2.86E-07	0.05	4.71E-02	7.20E-10	1,000,000	7.20E-04
46	51.57273	1.6961E-05	8.75E-04	6.05E-04	5.29E-07	0.05	4.71E-02	1.33E-09	1,000,000	1.33E-03
47	50.20761	1.6961E-05	8.52E-04	6.05E-04	5.15E-07	0.05	4.71E-02	1.30E-09	1,000,000	1.30E-03
48	2.6991	1.6961E-05	4.58E-05	6.05E-04	2.77E-08	0.05	4.71E-02	6.96E-11	1,000,000	6.96E-05
49	3.23321	1.6961E-05	5.48E-05	6.05E-04	3.32E-08	0.05	4.71E-02	8.34E-11	1,000,000	8.34E-05
50	3.95189	1.6961E-05	6.70E-05	6.05E-04	4.06E-08	0.05	4.71E-02	1.02E-10	1,000,000	1.02E-04
51	4.94809	1.6961E-05	8.39E-05	6.05E-04	5.08E-08	0.05	4.71E-02	1.28E-10	1,000,000	1.28E-04
52	6.37517	1.6961E-05	1.08E-04	6.05E-04	6.54E-08	0.05	4.71E-02	1.65E-10	1,000,000	1.65E-04
53	8.49344	1.6961E-05	1.44E-04	6.05E-04	8.72E-08	0.05	4.71E-02	2.19E-10	1,000,000	2.19E-04
54	11.77074	1.6961E-05	2.00E-04	6.05E-04	1.21E-07	0.05	4.71E-02	3.04E-10	1,000,000	3.04E-04
55	17.14292	1.6961E-05	2.91E-04	6.05E-04	1.76E-07	0.05	4.71E-02	4.42E-10	1,000,000	4.42E-04
56	26.92533	1.6961E-05	4.57E-04	6.05E-04	2.76E-07	0.05	4.71E-02	6.95E-10	1,000,000	6.95E-04
57	49.88928	1.6961E-05	8.46E-04	6.05E-04	5.12E-07	0.05	4.71E-02	1.29E-09	1,000,000	1.29E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	49.67994	1.6961E-05	8.43E-04	6.05E-04	5.10E-07	0.05	4.71E-02	1.28E-09	1,000,000	1.28E-03
59	2.69678	1.6961E-05	4.57E-05	6.05E-04	2.77E-08	0.05	4.71E-02	6.96E-11	1,000,000	6.96E-05
60	3.22984	1.6961E-05	5.48E-05	6.05E-04	3.31E-08	0.05	4.71E-02	8.33E-11	1,000,000	8.33E-05
61	3.94487	1.6961E-05	6.69E-05	6.05E-04	4.05E-08	0.05	4.71E-02	1.02E-10	1,000,000	1.02E-04
62	4.93002	1.6961E-05	8.36E-05	6.05E-04	5.06E-08	0.05	4.71E-02	1.27E-10	1,000,000	1.27E-04
63	6.32808	1.6961E-05	1.07E-04	6.05E-04	6.49E-08	0.05	4.71E-02	1.63E-10	1,000,000	1.63E-04
64	8.37964	1.6961E-05	1.42E-04	6.05E-04	8.60E-08	0.05	4.71E-02	2.16E-10	1,000,000	2.16E-04
65	11.52287	1.6961E-05	1.95E-04	6.05E-04	1.18E-07	0.05	4.71E-02	2.97E-10	1,000,000	2.97E-04
66	16.66449	1.6961E-05	2.83E-04	6.05E-04	1.71E-07	0.05	4.71E-02	4.30E-10	1,000,000	4.30E-04
67	26.11501	1.6961E-05	4.43E-04	6.05E-04	2.68E-07	0.05	4.71E-02	6.74E-10	1,000,000	6.74E-04
68	48.50948	1.6961E-05	8.23E-04	6.05E-04	4.98E-07	0.05	4.71E-02	1.25E-09	1,000,000	1.25E-03
69	48.79922	1.6961E-05	8.28E-04	6.05E-04	5.01E-07	0.05	4.71E-02	1.26E-09	1,000,000	1.26E-03
70	2.67865	1.6961E-05	4.54E-05	6.05E-04	2.75E-08	0.05	4.71E-02	6.91E-11	1,000,000	6.91E-05
71	3.20425	1.6961E-05	5.43E-05	6.05E-04	3.29E-08	0.05	4.71E-02	8.27E-11	1,000,000	8.27E-05
72	3.90571	1.6961E-05	6.62E-05	6.05E-04	4.01E-08	0.05	4.71E-02	1.01E-10	1,000,000	1.01E-04
73	4.86526	1.6961E-05	8.25E-05	6.05E-04	4.99E-08	0.05	4.71E-02	1.26E-10	1,000,000	1.26E-04
74	6.21522	1.6961E-05	1.05E-04	6.05E-04	6.38E-08	0.05	4.71E-02	1.60E-10	1,000,000	1.60E-04
75	8.18005	1.6961E-05	1.39E-04	6.05E-04	8.39E-08	0.05	4.71E-02	2.11E-10	1,000,000	2.11E-04
76	11.17745	1.6961E-05	1.90E-04	6.05E-04	1.15E-07	0.05	4.71E-02	2.88E-10	1,000,000	2.88E-04
77	16.09552	1.6961E-05	2.73E-04	6.05E-04	1.65E-07	0.05	4.71E-02	4.15E-10	1,000,000	4.15E-04
78	25.22017	1.6961E-05	4.28E-04	6.05E-04	2.59E-07	0.05	4.71E-02	6.51E-10	1,000,000	6.51E-04
79	46.93592	1.6961E-05	7.96E-04	6.05E-04	4.82E-07	0.05	4.71E-02	1.21E-09	1,000,000	1.21E-03
80	47.36955	1.6961E-05	8.03E-04	6.05E-04	4.86E-07	0.05	4.71E-02	1.22E-09	1,000,000	1.22E-03
81	2.64537	1.6961E-05	4.49E-05	6.05E-04	2.71E-08	0.05	4.71E-02	6.83E-11	1,000,000	6.83E-05
82	3.15725	1.6961E-05	5.36E-05	6.05E-04	3.24E-08	0.05	4.71E-02	8.15E-11	1,000,000	8.15E-05
83	3.83579	1.6961E-05	6.51E-05	6.05E-04	3.94E-08	0.05	4.71E-02	9.90E-11	1,000,000	9.90E-05
84	4.75635	1.6961E-05	8.07E-05	6.05E-04	4.88E-08	0.05	4.71E-02	1.23E-10	1,000,000	1.23E-04
85	6.04041	1.6961E-05	1.02E-04	6.05E-04	6.20E-08	0.05	4.71E-02	1.56E-10	1,000,000	1.56E-04
86	7.89624	1.6961E-05	1.34E-04	6.05E-04	8.10E-08	0.05	4.71E-02	2.04E-10	1,000,000	2.04E-04
87	10.71879	1.6961E-05	1.82E-04	6.05E-04	1.10E-07	0.05	4.71E-02	2.77E-10	1,000,000	2.77E-04
88	15.36265	1.6961E-05	2.61E-04	6.05E-04	1.58E-07	0.05	4.71E-02	3.96E-10	1,000,000	3.96E-04
89	24.04551	1.6961E-05	4.08E-04	6.05E-04	2.47E-07	0.05	4.71E-02	6.20E-10	1,000,000	6.20E-04
90	44.84095	1.6961E-05	7.61E-04	6.05E-04	4.60E-07	0.05	4.71E-02	1.16E-09	1,000,000	1.16E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	45.00417	1.6961E-05	7.63E-04	6.05E-04	4.62E-07	0.05	4.71E-02	1.16E-09	1,000,000	1.16E-03
92	2.59785	1.6961E-05	4.41E-05	6.05E-04	2.67E-08	0.05	4.71E-02	6.70E-11	1,000,000	6.70E-05
93	3.09039	1.6961E-05	5.24E-05	6.05E-04	3.17E-08	0.05	4.71E-02	7.97E-11	1,000,000	7.97E-05
94	3.73791	1.6961E-05	6.34E-05	6.05E-04	3.84E-08	0.05	4.71E-02	9.65E-11	1,000,000	9.65E-05
95	4.60814	1.6961E-05	7.82E-05	6.05E-04	4.73E-08	0.05	4.71E-02	1.19E-10	1,000,000	1.19E-04
96	5.81025	1.6961E-05	9.85E-05	6.05E-04	5.96E-08	0.05	4.71E-02	1.50E-10	1,000,000	1.50E-04
97	7.53252	1.6961E-05	1.28E-04	6.05E-04	7.73E-08	0.05	4.71E-02	1.94E-10	1,000,000	1.94E-04
98	10.13509	1.6961E-05	1.72E-04	6.05E-04	1.04E-07	0.05	4.71E-02	2.62E-10	1,000,000	2.62E-04
99	14.40415	1.6961E-05	2.44E-04	6.05E-04	1.48E-07	0.05	4.71E-02	3.72E-10	1,000,000	3.72E-04
100	22.40345	1.6961E-05	3.80E-04	6.05E-04	2.30E-07	0.05	4.71E-02	5.78E-10	1,000,000	5.78E-04
101	41.74113	1.6961E-05	7.08E-04	6.05E-04	4.28E-07	0.05	4.71E-02	1.08E-09	1,000,000	1.08E-03
102	40.60476	1.6961E-05	6.89E-04	6.05E-04	4.17E-07	0.05	4.71E-02	1.05E-09	1,000,000	1.05E-03
103	4.44375	1.6961E-05	7.54E-05	6.05E-04	4.56E-08	0.05	4.71E-02	1.15E-10	1,000,000	1.15E-04
104	5.54484	1.6961E-05	9.40E-05	6.05E-04	5.69E-08	0.05	4.71E-02	1.43E-10	1,000,000	1.43E-04
105	7.16513	1.6961E-05	1.22E-04	6.05E-04	7.35E-08	0.05	4.71E-02	1.85E-10	1,000,000	1.85E-04
106	9.57787	1.6961E-05	1.62E-04	6.05E-04	9.83E-08	0.05	4.71E-02	2.47E-10	1,000,000	2.47E-04
107	13.20072	1.6961E-05	2.24E-04	6.05E-04	1.35E-07	0.05	4.71E-02	3.41E-10	1,000,000	3.41E-04
108	20.13649	1.6961E-05	3.42E-04	6.05E-04	2.07E-07	0.05	4.71E-02	5.20E-10	1,000,000	5.20E-04
109	36.73334	1.6961E-05	6.23E-04	6.05E-04	3.77E-07	0.05	4.71E-02	9.48E-10	1,000,000	9.48E-04
110	30.03946	1.6961E-05	5.10E-04	6.05E-04	3.08E-07	0.05	4.71E-02	7.75E-10	1,000,000	7.75E-04
111	3.6469	1.6961E-05	6.19E-05	6.05E-04	3.74E-08	0.05	4.71E-02	9.41E-11	1,000,000	9.41E-05
112	2.96847	1.6961E-05	5.03E-05	6.05E-04	3.05E-08	0.05	4.71E-02	7.66E-11	1,000,000	7.66E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	2.65446	1.6961E-05	1.8954E-05	2.50E-04	4.74E-09	0.05	1.57E-02	3.98E-12	1,000,000	3.98E-06
27	3.17332	1.6961E-05	2.0063E-05	2.50E-04	5.02E-09	0.05	1.57E-02	4.21E-12	1,000,000	4.21E-06
28	3.8718	1.6961E-05	2.1182E-05	2.50E-04	5.30E-09	0.05	1.57E-02	4.44E-12	1,000,000	4.44E-06
29	4.84653	1.6961E-05	2.2255E-05	2.50E-04	5.57E-09	0.05	1.57E-02	4.67E-12	1,000,000	4.67E-06
30	6.26753	1.6961E-05	2.3236E-05	2.50E-04	5.82E-09	0.05	1.57E-02	4.87E-12	1,000,000	4.87E-06
31	8.44701	1.6961E-05	2.4092E-05	2.50E-04	6.03E-09	0.05	1.57E-02	5.05E-12	1,000,000	5.05E-06
32	11.98271	1.6961E-05	2.4804E-05	2.50E-04	6.21E-09	0.05	1.57E-02	5.20E-12	1,000,000	5.20E-06
33	18.072	1.6961E-05	2.5357E-05	2.50E-04	6.35E-09	0.05	1.57E-02	5.32E-12	1,000,000	5.32E-06
34	29.41863	1.6961E-05	2.5742E-05	2.50E-04	6.44E-09	0.05	1.57E-02	5.40E-12	1,000,000	5.40E-06
35	55.01483	1.6961E-05	2.5943E-05	2.50E-04	6.49E-09	0.05	1.57E-02	5.44E-12	1,000,000	5.44E-06
36	50.90441	1.6961E-05	2.5929E-05	2.50E-04	6.49E-09	0.05	1.57E-02	5.44E-12	1,000,000	5.44E-06
37	2.68513	1.6961E-05	2.0703E-05	2.50E-04	5.18E-09	0.05	1.57E-02	4.34E-12	1,000,000	4.34E-06
38	3.21429	1.6961E-05	2.1987E-05	2.50E-04	5.50E-09	0.05	1.57E-02	4.61E-12	1,000,000	4.61E-06
39	3.92709	1.6961E-05	2.3285E-05	2.50E-04	5.83E-09	0.05	1.57E-02	4.88E-12	1,000,000	4.88E-06
40	4.91957	1.6961E-05	2.4524E-05	2.50E-04	6.14E-09	0.05	1.57E-02	5.14E-12	1,000,000	5.14E-06
41	6.35491	1.6961E-05	2.5646E-05	2.50E-04	6.42E-09	0.05	1.57E-02	5.38E-12	1,000,000	5.38E-06
42	8.51808	1.6961E-05	2.6608E-05	2.50E-04	6.66E-09	0.05	1.57E-02	5.58E-12	1,000,000	5.58E-06
43	11.92758	1.6961E-05	2.7386E-05	2.50E-04	6.85E-09	0.05	1.57E-02	5.74E-12	1,000,000	5.74E-06
44	17.59864	1.6961E-05	2.796E-05	2.50E-04	7.00E-09	0.05	1.57E-02	5.86E-12	1,000,000	5.86E-06
45	27.91014	1.6961E-05	2.8317E-05	2.50E-04	7.09E-09	0.05	1.57E-02	5.94E-12	1,000,000	5.94E-06
46	51.57273	1.6961E-05	2.8442E-05	2.50E-04	7.12E-09	0.05	1.57E-02	5.97E-12	1,000,000	5.97E-06
47	50.20761	1.6961E-05	2.8304E-05	2.50E-04	7.08E-09	0.05	1.57E-02	5.94E-12	1,000,000	5.94E-06
48	2.6991	1.6961E-05	2.2737E-05	2.50E-04	5.69E-09	0.05	1.57E-02	4.77E-12	1,000,000	4.77E-06
49	3.23321	1.6961E-05	2.4239E-05	2.50E-04	6.07E-09	0.05	1.57E-02	5.08E-12	1,000,000	5.08E-06
50	3.95189	1.6961E-05	2.5758E-05	2.50E-04	6.45E-09	0.05	1.57E-02	5.40E-12	1,000,000	5.40E-06
51	4.94809	1.6961E-05	2.7203E-05	2.50E-04	6.81E-09	0.05	1.57E-02	5.71E-12	1,000,000	5.71E-06
52	6.37517	1.6961E-05	2.8494E-05	2.50E-04	7.13E-09	0.05	1.57E-02	5.98E-12	1,000,000	5.98E-06
53	8.49344	1.6961E-05	2.9578E-05	2.50E-04	7.40E-09	0.05	1.57E-02	6.20E-12	1,000,000	6.20E-06
54	11.77074	1.6961E-05	3.042E-05	2.50E-04	7.61E-09	0.05	1.57E-02	6.38E-12	1,000,000	6.38E-06
55	17.14292	1.6961E-05	3.0996E-05	2.50E-04	7.76E-09	0.05	1.57E-02	6.50E-12	1,000,000	6.50E-06
56	26.92533	1.6961E-05	3.1291E-05	2.50E-04	7.83E-09	0.05	1.57E-02	6.56E-12	1,000,000	6.56E-06
57	49.88928	1.6961E-05	3.1292E-05	2.50E-04	7.83E-09	0.05	1.57E-02	6.56E-12	1,000,000	6.56E-06
58	49.67994	1.6961E-05	3.0973E-05	2.50E-04	7.75E-09	0.05	1.57E-02	6.50E-12	1,000,000	6.50E-06
59	2.69678	1.6961E-05	2.5126E-05	2.50E-04	6.29E-09	0.05	1.57E-02	5.27E-12	1,000,000	5.27E-06
60	3.22984	1.6961E-05	2.6903E-05	2.50E-04	6.73E-09	0.05	1.57E-02	5.64E-12	1,000,000	5.64E-06
61	3.94487	1.6961E-05	2.8703E-05	2.50E-04	7.18E-09	0.05	1.57E-02	6.02E-12	1,000,000	6.02E-06
62	4.93002	1.6961E-05	3.0404E-05	2.50E-04	7.61E-09	0.05	1.57E-02	6.38E-12	1,000,000	6.38E-06
63	6.32808	1.6961E-05	3.19E-05	2.50E-04	7.98E-09	0.05	1.57E-02	6.69E-12	1,000,000	6.69E-06
64	8.37964	1.6961E-05	3.3119E-05	2.50E-04	8.29E-09	0.05	1.57E-02	6.95E-12	1,000,000	6.95E-06
65	11.52287	1.6961E-05	3.4016E-05	2.50E-04	8.51E-09	0.05	1.57E-02	7.13E-12	1,000,000	7.13E-06

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	16.66449	1.6961E-05	3.4561E-05	2.50E-04	8.65E-09	0.05	1.57E-02	7.25E-12	1,000,000	7.25E-06
67	26.11501	1.6961E-05	3.4738E-05	2.50E-04	8.69E-09	0.05	1.57E-02	7.29E-12	1,000,000	7.29E-06
68	48.50948	1.6961E-05	3.4544E-05	2.50E-04	8.65E-09	0.05	1.57E-02	7.25E-12	1,000,000	7.25E-06
69	48.79922	1.6961E-05	3.3966E-05	2.50E-04	8.50E-09	0.05	1.57E-02	7.12E-12	1,000,000	7.12E-06
70	2.67865	1.6961E-05	2.7965E-05	2.50E-04	7.00E-09	0.05	1.57E-02	5.87E-12	1,000,000	5.87E-06
71	3.20425	1.6961E-05	3.0094E-05	2.50E-04	7.53E-09	0.05	1.57E-02	6.31E-12	1,000,000	6.31E-06
72	3.90571	1.6961E-05	3.2255E-05	2.50E-04	8.07E-09	0.05	1.57E-02	6.77E-12	1,000,000	6.77E-06
73	4.86526	1.6961E-05	3.4281E-05	2.50E-04	8.58E-09	0.05	1.57E-02	7.19E-12	1,000,000	7.19E-06
74	6.21522	1.6961E-05	3.6026E-05	2.50E-04	9.02E-09	0.05	1.57E-02	7.56E-12	1,000,000	7.56E-06
75	8.18005	1.6961E-05	3.7392E-05	2.50E-04	9.36E-09	0.05	1.57E-02	7.84E-12	1,000,000	7.84E-06
76	11.17745	1.6961E-05	3.8318E-05	2.50E-04	9.59E-09	0.05	1.57E-02	8.04E-12	1,000,000	8.04E-06
77	16.09552	1.6961E-05	3.8771E-05	2.50E-04	9.70E-09	0.05	1.57E-02	8.13E-12	1,000,000	8.13E-06
78	25.22017	1.6961E-05	3.8742E-05	2.50E-04	9.70E-09	0.05	1.57E-02	8.13E-12	1,000,000	8.13E-06
79	46.93592	1.6961E-05	3.8251E-05	2.50E-04	9.57E-09	0.05	1.57E-02	8.02E-12	1,000,000	8.02E-06
80	47.36955	1.6961E-05	3.7309E-05	2.50E-04	9.34E-09	0.05	1.57E-02	7.83E-12	1,000,000	7.83E-06
81	2.64537	1.6961E-05	3.1385E-05	2.50E-04	7.85E-09	0.05	1.57E-02	6.58E-12	1,000,000	6.58E-06
82	3.15725	1.6961E-05	3.3976E-05	2.50E-04	8.50E-09	0.05	1.57E-02	7.13E-12	1,000,000	7.13E-06
83	3.83579	1.6961E-05	3.661E-05	2.50E-04	9.16E-09	0.05	1.57E-02	7.68E-12	1,000,000	7.68E-06
84	4.75635	1.6961E-05	3.9053E-05	2.50E-04	9.77E-09	0.05	1.57E-02	8.19E-12	1,000,000	8.19E-06
85	6.04041	1.6961E-05	4.11E-05	2.50E-04	1.03E-08	0.05	1.57E-02	8.62E-12	1,000,000	8.62E-06
86	7.89624	1.6961E-05	4.2612E-05	2.50E-04	1.07E-08	0.05	1.57E-02	8.94E-12	1,000,000	8.94E-06
87	10.71879	1.6961E-05	4.3511E-05	2.50E-04	1.09E-08	0.05	1.57E-02	9.13E-12	1,000,000	9.13E-06
88	15.36265	1.6961E-05	4.3767E-05	2.50E-04	1.10E-08	0.05	1.57E-02	9.18E-12	1,000,000	9.18E-06
89	24.04551	1.6961E-05	4.3397E-05	2.50E-04	1.09E-08	0.05	1.57E-02	9.10E-12	1,000,000	9.10E-06
90	44.84095	1.6961E-05	4.2462E-05	2.50E-04	1.06E-08	0.05	1.57E-02	8.91E-12	1,000,000	8.91E-06
91	45.00417	1.6961E-05	4.1019E-05	2.50E-04	1.03E-08	0.05	1.57E-02	8.60E-12	1,000,000	8.60E-06
92	2.59785	1.6961E-05	3.557E-05	2.50E-04	8.90E-09	0.05	1.57E-02	7.46E-12	1,000,000	7.46E-06
93	3.09039	1.6961E-05	3.8781E-05	2.50E-04	9.71E-09	0.05	1.57E-02	8.13E-12	1,000,000	8.13E-06
94	3.73791	1.6961E-05	4.2051E-05	2.50E-04	1.05E-08	0.05	1.57E-02	8.82E-12	1,000,000	8.82E-06
95	4.60814	1.6961E-05	4.5042E-05	2.50E-04	1.13E-08	0.05	1.57E-02	9.45E-12	1,000,000	9.45E-06
96	5.81025	1.6961E-05	4.745E-05	2.50E-04	1.19E-08	0.05	1.57E-02	9.95E-12	1,000,000	9.95E-06
97	7.53252	1.6961E-05	4.908E-05	2.50E-04	1.23E-08	0.05	1.57E-02	1.03E-11	1,000,000	1.03E-05
98	10.13509	1.6961E-05	4.9836E-05	2.50E-04	1.25E-08	0.05	1.57E-02	1.05E-11	1,000,000	1.05E-05
99	14.40415	1.6961E-05	4.9715E-05	2.50E-04	1.24E-08	0.05	1.57E-02	1.04E-11	1,000,000	1.04E-05
100	22.40345	1.6961E-05	4.8796E-05	2.50E-04	1.22E-08	0.05	1.57E-02	1.02E-11	1,000,000	1.02E-05
101	41.74113	1.6961E-05	4.7217E-05	2.50E-04	1.18E-08	0.05	1.57E-02	9.90E-12	1,000,000	9.90E-06
102	40.60476	1.6961E-05	4.5097E-05	2.50E-04	1.13E-08	0.05	1.57E-02	9.46E-12	1,000,000	9.46E-06
103	4.44375	1.6961E-05	5.1006E-05	2.50E-04	1.28E-08	0.05	1.57E-02	1.07E-11	1,000,000	1.07E-05
104	5.54484	1.6961E-05	5.3839E-05	2.50E-04	1.35E-08	0.05	1.57E-02	1.13E-11	1,000,000	1.13E-05
105	7.16513	1.6961E-05	5.6342E-05	2.50E-04	1.41E-08	0.05	1.57E-02	1.18E-11	1,000,000	1.18E-05
106	9.57787	1.6961E-05	5.6676E-05	2.50E-04	1.42E-08	0.05	1.57E-02	1.19E-11	1,000,000	1.19E-05
107	13.20072	1.6961E-05	5.6801E-05	2.50E-04	1.42E-08	0.05	1.57E-02	1.19E-11	1,000,000	1.19E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	20.13649	1.6961E-05	5.5025E-05	2.50E-04	1.38E-08	0.05	1.57E-02	1.15E-11	1,000,000	1.15E-05
109	36.73334	1.6961E-05	5.253E-05	2.50E-04	1.31E-08	0.05	1.57E-02	1.10E-11	1,000,000	1.10E-05
110	30.03946	1.6961E-05	4.9522E-05	2.50E-04	1.24E-08	0.05	1.57E-02	1.04E-11	1,000,000	1.04E-05
111	3.6469	1.6961E-05	4.751E-05	2.50E-04	1.19E-08	0.05	1.57E-02	9.97E-12	1,000,000	9.97E-06
112	2.96847	1.6961E-05	4.3189E-05	2.50E-04	1.08E-08	0.05	1.57E-02	9.06E-12	1,000,000	9.06E-06

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.61228	2.30E-05	1.41E-05	1.05E-03	1.47E-08	5.33E-02	1.57E-01	1.23E-10	1.0E+06	1.2E-04
2	0.71612	2.3019E-05	1.65E-05	1.05E-03	1.72E-08	0.05	1.57E-01	1.44E-10	1,000,000	1.44E-04
3	0.8544	2.3019E-05	1.97E-05	1.05E-03	2.06E-08	0.05	1.57E-01	1.72E-10	1,000,000	1.72E-04
4	1.04144	2.3019E-05	2.40E-05	1.05E-03	2.51E-08	0.05	1.57E-01	2.10E-10	1,000,000	2.10E-04
5	1.30673	2.3019E-05	3.01E-05	1.05E-03	3.14E-08	0.05	1.57E-01	2.63E-10	1,000,000	2.63E-04
6	0.60197	2.3019E-05	1.39E-05	1.05E-03	1.45E-08	0.05	1.57E-01	1.21E-10	1,000,000	1.21E-04
7	0.70115	2.3019E-05	1.61E-05	1.05E-03	1.69E-08	0.05	1.57E-01	1.41E-10	1,000,000	1.41E-04
8	0.83148	2.3019E-05	1.91E-05	1.05E-03	2.00E-08	0.05	1.57E-01	1.68E-10	1,000,000	1.68E-04
9	1.00965	2.3019E-05	2.32E-05	1.05E-03	2.43E-08	0.05	1.57E-01	2.04E-10	1,000,000	2.04E-04
10	1.25675	2.3019E-05	2.89E-05	1.05E-03	3.02E-08	0.05	1.57E-01	2.53E-10	1,000,000	2.53E-04
11	0.58536	2.3019E-05	1.35E-05	1.05E-03	1.41E-08	0.05	1.57E-01	1.18E-10	1,000,000	1.18E-04
12	0.67887	2.3019E-05	1.56E-05	1.05E-03	1.63E-08	0.05	1.57E-01	1.37E-10	1,000,000	1.37E-04
13	0.80117	2.3019E-05	1.84E-05	1.05E-03	1.93E-08	0.05	1.57E-01	1.62E-10	1,000,000	1.62E-04
14	0.96783	2.3019E-05	2.23E-05	1.05E-03	2.33E-08	0.05	1.57E-01	1.95E-10	1,000,000	1.95E-04
15	1.19546	2.3019E-05	2.75E-05	1.05E-03	2.88E-08	0.05	1.57E-01	2.41E-10	1,000,000	2.41E-04
16	0.5659	2.3019E-05	1.30E-05	1.05E-03	1.36E-08	0.05	1.57E-01	1.14E-10	1,000,000	1.14E-04
17	0.65417	2.3019E-05	1.51E-05	1.05E-03	1.57E-08	0.05	1.57E-01	1.32E-10	1,000,000	1.32E-04
18	0.76814	2.3019E-05	1.77E-05	1.05E-03	1.85E-08	0.05	1.57E-01	1.55E-10	1,000,000	1.55E-04
19	0.91993	2.3019E-05	2.12E-05	1.05E-03	2.21E-08	0.05	1.57E-01	1.85E-10	1,000,000	1.85E-04
20	1.13585	2.3019E-05	2.61E-05	1.05E-03	2.73E-08	0.05	1.57E-01	2.29E-10	1,000,000	2.29E-04
21	0.54601	2.3019E-05	1.26E-05	1.05E-03	1.31E-08	0.05	1.57E-01	1.10E-10	1,000,000	1.10E-04
22	0.62881	2.3019E-05	1.45E-05	1.05E-03	1.51E-08	0.05	1.57E-01	1.27E-10	1,000,000	1.27E-04
23	0.73617	2.3019E-05	1.69E-05	1.05E-03	1.77E-08	0.05	1.57E-01	1.48E-10	1,000,000	1.48E-04
24	0.87935	2.3019E-05	2.02E-05	1.05E-03	2.12E-08	0.05	1.57E-01	1.77E-10	1,000,000	1.77E-04
25	1.07674	2.3019E-05	2.48E-05	1.05E-03	2.59E-08	0.05	1.57E-01	2.17E-10	1,000,000	2.17E-04
113	0.23626	2.3019E-05	5.44E-06	1.05E-03	5.68E-09	0.05	1.57E-01	4.76E-11	1,000,000	4.76E-05
114	0.22576	2.3019E-05	5.20E-06	1.05E-03	5.43E-09	0.05	1.57E-01	4.55E-11	1,000,000	4.55E-05
115	0.21573	2.3019E-05	4.97E-06	1.05E-03	5.19E-09	0.05	1.57E-01	4.35E-11	1,000,000	4.35E-05
116	0.20617	2.3019E-05	4.75E-06	1.05E-03	4.96E-09	0.05	1.57E-01	4.16E-11	1,000,000	4.16E-05
117	0.23939	2.3019E-05	5.51E-06	1.05E-03	5.76E-09	0.05	1.57E-01	4.83E-11	1,000,000	4.83E-05
118	0.22825	2.3019E-05	5.25E-06	1.05E-03	5.49E-09	0.05	1.57E-01	4.60E-11	1,000,000	4.60E-05
119	0.21765	2.3019E-05	5.01E-06	1.05E-03	5.24E-09	0.05	1.57E-01	4.39E-11	1,000,000	4.39E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.20759	2.3019E-05	4.78E-06	1.05E-03	4.99E-09	0.05	1.57E-01	4.19E-11	1,000,000	4.19E-05
121	0.24198	2.3019E-05	5.57E-06	1.05E-03	5.82E-09	0.05	1.57E-01	4.88E-11	1,000,000	4.88E-05
122	0.2302	2.3019E-05	5.30E-06	1.05E-03	5.54E-09	0.05	1.57E-01	4.64E-11	1,000,000	4.64E-05
123	0.21907	2.3019E-05	5.04E-06	1.05E-03	5.27E-09	0.05	1.57E-01	4.42E-11	1,000,000	4.42E-05
124	0.20856	2.3019E-05	4.80E-06	1.05E-03	5.02E-09	0.05	1.57E-01	4.21E-11	1,000,000	4.21E-05
125	0.24395	2.3019E-05	5.62E-06	1.05E-03	5.87E-09	0.05	1.57E-01	4.92E-11	1,000,000	4.92E-05
126	0.23159	2.3019E-05	5.33E-06	1.05E-03	5.57E-09	0.05	1.57E-01	4.67E-11	1,000,000	4.67E-05
127	0.21998	2.3019E-05	5.06E-06	1.05E-03	5.29E-09	0.05	1.57E-01	4.44E-11	1,000,000	4.44E-05
128	0.2091	2.3019E-05	4.81E-06	1.05E-03	5.03E-09	0.05	1.57E-01	4.22E-11	1,000,000	4.22E-05
129	0.2453	2.3019E-05	5.65E-06	1.05E-03	5.90E-09	0.05	1.57E-01	4.95E-11	1,000,000	4.95E-05
130	0.23242	2.3019E-05	5.35E-06	1.05E-03	5.59E-09	0.05	1.57E-01	4.69E-11	1,000,000	4.69E-05
131	0.22042	2.3019E-05	5.07E-06	1.05E-03	5.30E-09	0.05	1.57E-01	4.44E-11	1,000,000	4.44E-05
132	0.20925	2.3019E-05	4.82E-06	1.05E-03	5.03E-09	0.05	1.57E-01	4.22E-11	1,000,000	4.22E-05
133	0.24603	2.3019E-05	5.66E-06	1.05E-03	5.92E-09	0.05	1.57E-01	4.96E-11	1,000,000	4.96E-05
134	0.23275	2.3019E-05	5.36E-06	1.05E-03	5.60E-09	0.05	1.57E-01	4.69E-11	1,000,000	4.69E-05
135	0.22045	2.3019E-05	5.07E-06	1.05E-03	5.30E-09	0.05	1.57E-01	4.45E-11	1,000,000	4.45E-05
136	0.20907	2.3019E-05	4.81E-06	1.05E-03	5.03E-09	0.05	1.57E-01	4.22E-11	1,000,000	4.22E-05
137	0.24622	2.3019E-05	5.67E-06	1.05E-03	5.92E-09	0.05	1.57E-01	4.96E-11	1,000,000	4.96E-05
138	0.22016	2.3019E-05	5.07E-06	1.05E-03	5.30E-09	0.05	1.57E-01	4.44E-11	1,000,000	4.44E-05
139	0.20867	2.3019E-05	4.80E-06	1.05E-03	5.02E-09	0.05	1.57E-01	4.21E-11	1,000,000	4.21E-05
140	0.24481	2.3019E-05	5.64E-06	1.05E-03	5.89E-09	0.05	1.57E-01	4.94E-11	1,000,000	4.94E-05
141	0.23107	2.3019E-05	5.32E-06	1.05E-03	5.56E-09	0.05	1.57E-01	4.66E-11	1,000,000	4.66E-05
142	0.21858	2.3019E-05	5.03E-06	1.05E-03	5.26E-09	0.05	1.57E-01	4.41E-11	1,000,000	4.41E-05
143	0.20719	2.3019E-05	4.77E-06	1.05E-03	4.98E-09	0.05	1.57E-01	4.18E-11	1,000,000	4.18E-05
144	0.24425	2.3019E-05	5.62E-06	1.05E-03	5.88E-09	0.05	1.57E-01	4.93E-11	1,000,000	4.93E-05
145	0.23063	2.3019E-05	5.31E-06	1.05E-03	5.55E-09	0.05	1.57E-01	4.65E-11	1,000,000	4.65E-05
146	0.21826	2.3019E-05	5.02E-06	1.05E-03	5.25E-09	0.05	1.57E-01	4.40E-11	1,000,000	4.40E-05
147	0.207	2.3019E-05	4.76E-06	1.05E-03	4.98E-09	0.05	1.57E-01	4.17E-11	1,000,000	4.17E-05
148	0.24394	2.3019E-05	5.62E-06	1.05E-03	5.87E-09	0.05	1.57E-01	4.92E-11	1,000,000	4.92E-05
149	0.23047	2.3019E-05	5.31E-06	1.05E-03	5.54E-09	0.05	1.57E-01	4.65E-11	1,000,000	4.65E-05
150	0.21825	2.3019E-05	5.02E-06	1.05E-03	5.25E-09	0.05	1.57E-01	4.40E-11	1,000,000	4.40E-05
151	0.20711	2.3019E-05	4.77E-06	1.05E-03	4.98E-09	0.05	1.57E-01	4.18E-11	1,000,000	4.18E-05
152	0.24403	2.3019E-05	5.62E-06	1.05E-03	5.87E-09	0.05	1.57E-01	4.92E-11	1,000,000	4.92E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.2307	2.3019E-05	5.31E-06	1.05E-03	5.55E-09	0.05	1.57E-01	4.65E-11	1,000,000	4.65E-05
154	0.21859	2.3019E-05	5.03E-06	1.05E-03	5.26E-09	0.05	1.57E-01	4.41E-11	1,000,000	4.41E-05
155	0.20754	2.3019E-05	4.78E-06	1.05E-03	4.99E-09	0.05	1.57E-01	4.18E-11	1,000,000	4.18E-05
156	0.24454	2.3019E-05	5.63E-06	1.05E-03	5.88E-09	0.05	1.57E-01	4.93E-11	1,000,000	4.93E-05
157	0.2313	2.3019E-05	5.32E-06	1.05E-03	5.56E-09	0.05	1.57E-01	4.66E-11	1,000,000	4.66E-05
158	0.21925	2.3019E-05	5.05E-06	1.05E-03	5.28E-09	0.05	1.57E-01	4.42E-11	1,000,000	4.42E-05
159	0.20824	2.3019E-05	4.79E-06	1.05E-03	5.01E-09	0.05	1.57E-01	4.20E-11	1,000,000	4.20E-05
160	0.2454	2.3019E-05	5.65E-06	1.05E-03	5.90E-09	0.05	1.57E-01	4.95E-11	1,000,000	4.95E-05
161	0.23217	2.3019E-05	5.34E-06	1.05E-03	5.59E-09	0.05	1.57E-01	4.68E-11	1,000,000	4.68E-05
162	0.22011	2.3019E-05	5.07E-06	1.05E-03	5.30E-09	0.05	1.57E-01	4.44E-11	1,000,000	4.44E-05
163	0.21031	2.3019E-05	4.84E-06	1.05E-03	5.06E-09	0.05	1.57E-01	4.24E-11	1,000,000	4.24E-05
164	0.24643	2.3019E-05	5.67E-06	1.05E-03	5.93E-09	0.05	1.57E-01	4.97E-11	1,000,000	4.97E-05
165	0.23314	2.3019E-05	5.37E-06	1.05E-03	5.61E-09	0.05	1.57E-01	4.70E-11	1,000,000	4.70E-05
166	0.22322	2.3019E-05	5.14E-06	1.05E-03	5.37E-09	0.05	1.57E-01	4.50E-11	1,000,000	4.50E-05
167	0.21225	2.3019E-05	4.89E-06	1.05E-03	5.11E-09	0.05	1.57E-01	4.28E-11	1,000,000	4.28E-05
168	0.24741	2.3019E-05	5.70E-06	1.05E-03	5.95E-09	0.05	1.57E-01	4.99E-11	1,000,000	4.99E-05
169	0.234	2.3019E-05	5.39E-06	1.05E-03	5.63E-09	0.05	1.57E-01	4.72E-11	1,000,000	4.72E-05
170	0.22438	2.3019E-05	5.16E-06	1.05E-03	5.40E-09	0.05	1.57E-01	4.52E-11	1,000,000	4.52E-05
171	0.21306	2.3019E-05	4.90E-06	1.05E-03	5.13E-09	0.05	1.57E-01	4.30E-11	1,000,000	4.30E-05
172	0.24817	2.3019E-05	5.71E-06	1.05E-03	5.97E-09	0.05	1.57E-01	5.00E-11	1,000,000	5.00E-05
173	0.23464	2.3019E-05	5.40E-06	1.05E-03	5.65E-09	0.05	1.57E-01	4.73E-11	1,000,000	4.73E-05
174	0.22487	2.3019E-05	5.18E-06	1.05E-03	5.41E-09	0.05	1.57E-01	4.53E-11	1,000,000	4.53E-05
175	0.21357	2.3019E-05	4.92E-06	1.05E-03	5.14E-09	0.05	1.57E-01	4.31E-11	1,000,000	4.31E-05
176	0.2486	2.3019E-05	5.72E-06	1.05E-03	5.98E-09	0.05	1.57E-01	5.01E-11	1,000,000	5.01E-05
177	0.23496	2.3019E-05	5.41E-06	1.05E-03	5.65E-09	0.05	1.57E-01	4.74E-11	1,000,000	4.74E-05
178	0.22516	2.3019E-05	5.18E-06	1.05E-03	5.42E-09	0.05	1.57E-01	4.54E-11	1,000,000	4.54E-05
179	0.21378	2.3019E-05	4.92E-06	1.05E-03	5.14E-09	0.05	1.57E-01	4.31E-11	1,000,000	4.31E-05
180	0.24865	2.3019E-05	5.72E-06	1.05E-03	5.98E-09	0.05	1.57E-01	5.01E-11	1,000,000	5.01E-05
181	0.23692	2.3019E-05	5.45E-06	1.05E-03	5.70E-09	0.05	1.57E-01	4.78E-11	1,000,000	4.78E-05
182	0.22529	2.3019E-05	5.19E-06	1.05E-03	5.42E-09	0.05	1.57E-01	4.54E-11	1,000,000	4.54E-05
183	0.2137	2.3019E-05	4.92E-06	1.05E-03	5.14E-09	0.05	1.57E-01	4.31E-11	1,000,000	4.31E-05
184	0.26107	2.3019E-05	6.01E-06	1.05E-03	6.28E-09	0.05	1.57E-01	5.26E-11	1,000,000	5.26E-05
185	0.28191	2.3019E-05	6.49E-06	1.05E-03	6.78E-09	0.05	1.57E-01	5.68E-11	1,000,000	5.68E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.26509	2.3019E-05	6.10E-06	1.05E-03	6.38E-09	0.05	1.57E-01	5.35E-11	1,000,000	5.35E-05
187	0.24986	2.3019E-05	5.75E-06	1.05E-03	6.01E-09	0.05	1.57E-01	5.04E-11	1,000,000	5.04E-05
188	0.23834	2.3019E-05	5.49E-06	1.05E-03	5.73E-09	0.05	1.57E-01	4.81E-11	1,000,000	4.81E-05
189	0.297	2.3019E-05	6.84E-06	1.05E-03	7.15E-09	0.05	1.57E-01	5.99E-11	1,000,000	5.99E-05
190	0.28119	2.3019E-05	6.47E-06	1.05E-03	6.77E-09	0.05	1.57E-01	5.67E-11	1,000,000	5.67E-05
191	0.26437	2.3019E-05	6.09E-06	1.05E-03	6.36E-09	0.05	1.57E-01	5.33E-11	1,000,000	5.33E-05
192	0.24916	2.3019E-05	5.74E-06	1.05E-03	5.99E-09	0.05	1.57E-01	5.02E-11	1,000,000	5.02E-05
193	0.23834	2.3019E-05	5.49E-06	1.05E-03	5.73E-09	0.05	1.57E-01	4.81E-11	1,000,000	4.81E-05
194	0.2981	2.3019E-05	6.86E-06	1.05E-03	7.17E-09	0.05	1.57E-01	6.01E-11	1,000,000	6.01E-05
195	0.27956	2.3019E-05	6.44E-06	1.05E-03	6.73E-09	0.05	1.57E-01	5.64E-11	1,000,000	5.64E-05
196	0.26464	2.3019E-05	6.09E-06	1.05E-03	6.37E-09	0.05	1.57E-01	5.34E-11	1,000,000	5.34E-05
197	0.25078	2.3019E-05	5.77E-06	1.05E-03	6.03E-09	0.05	1.57E-01	5.06E-11	1,000,000	5.06E-05
198	0.23696	2.3019E-05	5.45E-06	1.05E-03	5.70E-09	0.05	1.57E-01	4.78E-11	1,000,000	4.78E-05
199	0.29515	2.3019E-05	6.79E-06	1.05E-03	7.10E-09	0.05	1.57E-01	5.95E-11	1,000,000	5.95E-05
200	0.27687	2.3019E-05	6.37E-06	1.05E-03	6.66E-09	0.05	1.57E-01	5.58E-11	1,000,000	5.58E-05
201	0.26257	2.3019E-05	6.04E-06	1.05E-03	6.32E-09	0.05	1.57E-01	5.29E-11	1,000,000	5.29E-05
202	0.24839	2.3019E-05	5.72E-06	1.05E-03	5.98E-09	0.05	1.57E-01	5.01E-11	1,000,000	5.01E-05
203	0.23493	2.3019E-05	5.41E-06	1.05E-03	5.65E-09	0.05	1.57E-01	4.74E-11	1,000,000	4.74E-05
204	0.37268	2.3019E-05	8.58E-06	1.05E-03	8.97E-09	0.05	1.57E-01	7.51E-11	1,000,000	7.51E-05
205	0.29104	2.3019E-05	6.70E-06	1.05E-03	7.00E-09	0.05	1.57E-01	5.87E-11	1,000,000	5.87E-05
206	0.27313	2.3019E-05	6.29E-06	1.05E-03	6.57E-09	0.05	1.57E-01	5.51E-11	1,000,000	5.51E-05
207	0.25972	2.3019E-05	5.98E-06	1.05E-03	6.25E-09	0.05	1.57E-01	5.24E-11	1,000,000	5.24E-05
208	0.24498	2.3019E-05	5.64E-06	1.05E-03	5.89E-09	0.05	1.57E-01	4.94E-11	1,000,000	4.94E-05
209	0.36702	2.3019E-05	8.45E-06	1.05E-03	8.83E-09	0.05	1.57E-01	7.40E-11	1,000,000	7.40E-05
210	0.34854	2.3019E-05	8.02E-06	1.05E-03	8.39E-09	0.05	1.57E-01	7.03E-11	1,000,000	7.03E-05
211	0.32726	2.3019E-05	7.53E-06	1.05E-03	7.87E-09	0.05	1.57E-01	6.60E-11	1,000,000	6.60E-05
212	0.30552	2.3019E-05	7.03E-06	1.05E-03	7.35E-09	0.05	1.57E-01	6.16E-11	1,000,000	6.16E-05
213	0.28608	2.3019E-05	6.59E-06	1.05E-03	6.88E-09	0.05	1.57E-01	5.77E-11	1,000,000	5.77E-05
214	0.27047	2.3019E-05	6.23E-06	1.05E-03	6.51E-09	0.05	1.57E-01	5.45E-11	1,000,000	5.45E-05
215	0.25523	2.3019E-05	5.88E-06	1.05E-03	6.14E-09	0.05	1.57E-01	5.15E-11	1,000,000	5.15E-05
216	0.41463	2.3019E-05	9.54E-06	1.05E-03	9.98E-09	0.05	1.57E-01	8.36E-11	1,000,000	8.36E-05
217	0.38214	2.3019E-05	8.80E-06	1.05E-03	9.19E-09	0.05	1.57E-01	7.71E-11	1,000,000	7.71E-05
218	0.36277	2.3019E-05	8.35E-06	1.05E-03	8.73E-09	0.05	1.57E-01	7.31E-11	1,000,000	7.31E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.33698	2.3019E-05	7.76E-06	1.05E-03	8.11E-09	0.05	1.57E-01	6.79E-11	1,000,000	6.79E-05
220	0.31569	2.3019E-05	7.27E-06	1.05E-03	7.60E-09	0.05	1.57E-01	6.37E-11	1,000,000	6.37E-05
221	0.29564	2.3019E-05	6.81E-06	1.05E-03	7.11E-09	0.05	1.57E-01	5.96E-11	1,000,000	5.96E-05
222	0.40321	2.3019E-05	9.28E-06	1.05E-03	9.70E-09	0.05	1.57E-01	8.13E-11	1,000,000	8.13E-05
223	0.3788	2.3019E-05	8.72E-06	1.05E-03	9.11E-09	0.05	1.57E-01	7.64E-11	1,000,000	7.64E-05
224	0.35392	2.3019E-05	8.15E-06	1.05E-03	8.52E-09	0.05	1.57E-01	7.14E-11	1,000,000	7.14E-05
225	0.32931	2.3019E-05	7.58E-06	1.05E-03	7.92E-09	0.05	1.57E-01	6.64E-11	1,000,000	6.64E-05
226	0.30924	2.3019E-05	7.12E-06	1.05E-03	7.44E-09	0.05	1.57E-01	6.24E-11	1,000,000	6.24E-05
227	0.39512	2.3019E-05	9.10E-06	1.05E-03	9.51E-09	0.05	1.57E-01	7.97E-11	1,000,000	7.97E-05
228	0.36997	2.3019E-05	8.52E-06	1.05E-03	8.90E-09	0.05	1.57E-01	7.46E-11	1,000,000	7.46E-05
229	0.34538	2.3019E-05	7.95E-06	1.05E-03	8.31E-09	0.05	1.57E-01	6.96E-11	1,000,000	6.96E-05
230	0.32322	2.3019E-05	7.44E-06	1.05E-03	7.78E-09	0.05	1.57E-01	6.52E-11	1,000,000	6.52E-05
231	0.38118	2.3019E-05	8.77E-06	1.05E-03	9.17E-09	0.05	1.57E-01	7.69E-11	1,000,000	7.69E-05
232	0.35682	2.3019E-05	8.21E-06	1.05E-03	8.58E-09	0.05	1.57E-01	7.19E-11	1,000,000	7.19E-05
233	0.33452	2.3019E-05	7.70E-06	1.05E-03	8.05E-09	0.05	1.57E-01	6.75E-11	1,000,000	6.75E-05
234	0.31412	2.3019E-05	7.23E-06	1.05E-03	7.56E-09	0.05	1.57E-01	6.33E-11	1,000,000	6.33E-05
235	0.36508	2.3019E-05	8.40E-06	1.05E-03	8.78E-09	0.05	1.57E-01	7.36E-11	1,000,000	7.36E-05
236	0.34206	2.3019E-05	7.87E-06	1.05E-03	8.23E-09	0.05	1.57E-01	6.90E-11	1,000,000	6.90E-05
237	0.32261	2.3019E-05	7.43E-06	1.05E-03	7.76E-09	0.05	1.57E-01	6.51E-11	1,000,000	6.51E-05
238	0.3036	2.3019E-05	6.99E-06	1.05E-03	7.30E-09	0.05	1.57E-01	6.12E-11	1,000,000	6.12E-05
239	0.34653	2.3019E-05	7.98E-06	1.05E-03	8.34E-09	0.05	1.57E-01	6.99E-11	1,000,000	6.99E-05
240	0.32665	2.3019E-05	7.52E-06	1.05E-03	7.86E-09	0.05	1.57E-01	6.59E-11	1,000,000	6.59E-05
241	0.30898	2.3019E-05	7.11E-06	1.05E-03	7.43E-09	0.05	1.57E-01	6.23E-11	1,000,000	6.23E-05
242	0.29175	2.3019E-05	6.72E-06	1.05E-03	7.02E-09	0.05	1.57E-01	5.88E-11	1,000,000	5.88E-05
243	0.59444	2.3019E-05	1.37E-05	1.05E-03	1.43E-08	0.05	1.57E-01	1.20E-10	1,000,000	1.20E-04
244	0.54212	2.3019E-05	1.25E-05	1.05E-03	1.30E-08	0.05	1.57E-01	1.09E-10	1,000,000	1.09E-04
245	0.49704	2.3019E-05	1.14E-05	1.05E-03	1.20E-08	0.05	1.57E-01	1.00E-10	1,000,000	1.00E-04
246	0.45803	2.3019E-05	1.05E-05	1.05E-03	1.10E-08	0.05	1.57E-01	9.24E-11	1,000,000	9.24E-05
247	0.42484	2.3019E-05	9.78E-06	1.05E-03	1.02E-08	0.05	1.57E-01	8.57E-11	1,000,000	8.57E-05
248	0.39537	2.3019E-05	9.10E-06	1.05E-03	9.51E-09	0.05	1.57E-01	7.97E-11	1,000,000	7.97E-05
249	0.37288	2.3019E-05	8.58E-06	1.05E-03	8.97E-09	0.05	1.57E-01	7.52E-11	1,000,000	7.52E-05
250	0.55144	2.3019E-05	1.27E-05	1.05E-03	1.33E-08	0.05	1.57E-01	1.11E-10	1,000,000	1.11E-04
251	0.50506	2.3019E-05	1.16E-05	1.05E-03	1.22E-08	0.05	1.57E-01	1.02E-10	1,000,000	1.02E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.46467	2.3019E-05	1.07E-05	1.05E-03	1.12E-08	0.05	1.57E-01	9.37E-11	1,000,000	9.37E-05
253	0.42941	2.3019E-05	9.88E-06	1.05E-03	1.03E-08	0.05	1.57E-01	8.66E-11	1,000,000	8.66E-05
254	0.39921	2.3019E-05	9.19E-06	1.05E-03	9.60E-09	0.05	1.57E-01	8.05E-11	1,000,000	8.05E-05
255	0.37236	2.3019E-05	8.57E-06	1.05E-03	8.96E-09	0.05	1.57E-01	7.51E-11	1,000,000	7.51E-05
256	0.35194	2.3019E-05	8.10E-06	1.05E-03	8.47E-09	0.05	1.57E-01	7.10E-11	1,000,000	7.10E-05
257	0.5131	2.3019E-05	1.18E-05	1.05E-03	1.23E-08	0.05	1.57E-01	1.03E-10	1,000,000	1.03E-04
258	0.47173	2.3019E-05	1.09E-05	1.05E-03	1.13E-08	0.05	1.57E-01	9.51E-11	1,000,000	9.51E-05
259	0.43539	2.3019E-05	1.00E-05	1.05E-03	1.05E-08	0.05	1.57E-01	8.78E-11	1,000,000	8.78E-05
260	0.40343	2.3019E-05	9.29E-06	1.05E-03	9.71E-09	0.05	1.57E-01	8.13E-11	1,000,000	8.13E-05
261	0.3757	2.3019E-05	8.65E-06	1.05E-03	9.04E-09	0.05	1.57E-01	7.58E-11	1,000,000	7.58E-05
262	0.35107	2.3019E-05	8.08E-06	1.05E-03	8.45E-09	0.05	1.57E-01	7.08E-11	1,000,000	7.08E-05
263	0.33149	2.3019E-05	7.63E-06	1.05E-03	7.98E-09	0.05	1.57E-01	6.68E-11	1,000,000	6.68E-05
264	0.47986	2.3019E-05	1.10E-05	1.05E-03	1.15E-08	0.05	1.57E-01	9.68E-11	1,000,000	9.68E-05
265	0.44212	2.3019E-05	1.02E-05	1.05E-03	1.06E-08	0.05	1.57E-01	8.91E-11	1,000,000	8.91E-05
266	0.40911	2.3019E-05	9.42E-06	1.05E-03	9.84E-09	0.05	1.57E-01	8.25E-11	1,000,000	8.25E-05
267	0.38001	2.3019E-05	8.75E-06	1.05E-03	9.14E-09	0.05	1.57E-01	7.66E-11	1,000,000	7.66E-05
268	0.35424	2.3019E-05	8.15E-06	1.05E-03	8.52E-09	0.05	1.57E-01	7.14E-11	1,000,000	7.14E-05
269	0.33127	2.3019E-05	7.63E-06	1.05E-03	7.97E-09	0.05	1.57E-01	6.68E-11	1,000,000	6.68E-05
270	0.31238	2.3019E-05	7.19E-06	1.05E-03	7.52E-09	0.05	1.57E-01	6.30E-11	1,000,000	6.30E-05
271	0.4495	2.3019E-05	1.03E-05	1.05E-03	1.08E-08	0.05	1.57E-01	9.06E-11	1,000,000	9.06E-05
272	0.41557	2.3019E-05	9.57E-06	1.05E-03	1.00E-08	0.05	1.57E-01	8.38E-11	1,000,000	8.38E-05
273	0.38561	2.3019E-05	8.88E-06	1.05E-03	9.28E-09	0.05	1.57E-01	7.78E-11	1,000,000	7.78E-05
274	0.35898	2.3019E-05	8.26E-06	1.05E-03	8.64E-09	0.05	1.57E-01	7.24E-11	1,000,000	7.24E-05
275	0.33522	2.3019E-05	7.72E-06	1.05E-03	8.07E-09	0.05	1.57E-01	6.76E-11	1,000,000	6.76E-05
276	0.31406	2.3019E-05	7.23E-06	1.05E-03	7.56E-09	0.05	1.57E-01	6.33E-11	1,000,000	6.33E-05
277	0.29576	2.3019E-05	6.81E-06	1.05E-03	7.12E-09	0.05	1.57E-01	5.96E-11	1,000,000	5.96E-05
278	5.95238	2.3019E-05	1.37E-04	1.05E-03	1.43E-07	0.05	1.57E-01	1.20E-09	1,000,000	1.20E-03
279	5.19535	2.3019E-05	1.20E-04	1.05E-03	1.25E-07	0.05	1.57E-01	1.05E-09	1,000,000	1.05E-03
280	3.9294	2.3019E-05	9.05E-05	1.05E-03	9.45E-08	0.05	1.57E-01	7.92E-10	1,000,000	7.92E-04
281	3.58526	2.3019E-05	8.25E-05	1.05E-03	8.63E-08	0.05	1.57E-01	7.23E-10	1,000,000	7.23E-04
282	3.41877	2.3019E-05	7.87E-05	1.05E-03	8.23E-08	0.05	1.57E-01	6.89E-10	1,000,000	6.89E-04
283	3.79059	2.3019E-05	8.73E-05	1.05E-03	9.12E-08	0.05	1.57E-01	7.64E-10	1,000,000	7.64E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	0.5382	2.3019E-05	1.24E-05	6.05E-04	7.50E-09	0.05	4.71E-02	1.88E-11	1,000,000	1.88E-05
27	0.53024	2.3019E-05	1.22E-05	6.05E-04	7.39E-09	0.05	4.71E-02	1.86E-11	1,000,000	1.86E-05
28	0.52143	2.3019E-05	1.20E-05	6.05E-04	7.26E-09	0.05	4.71E-02	1.83E-11	1,000,000	1.83E-05
29	0.51188	2.3019E-05	1.18E-05	6.05E-04	7.13E-09	0.05	4.71E-02	1.79E-11	1,000,000	1.79E-05
30	0.5017	2.3019E-05	1.15E-05	6.05E-04	6.99E-09	0.05	4.71E-02	1.76E-11	1,000,000	1.76E-05
31	0.49103	2.3019E-05	1.13E-05	6.05E-04	6.84E-09	0.05	4.71E-02	1.72E-11	1,000,000	1.72E-05
32	0.47996	2.3019E-05	1.10E-05	6.05E-04	6.68E-09	0.05	4.71E-02	1.68E-11	1,000,000	1.68E-05
33	0.46862	2.3019E-05	1.08E-05	6.05E-04	6.53E-09	0.05	4.71E-02	1.64E-11	1,000,000	1.64E-05
34	0.4571	2.3019E-05	1.05E-05	6.05E-04	6.37E-09	0.05	4.71E-02	1.60E-11	1,000,000	1.60E-05
35	0.44529	2.3019E-05	1.03E-05	6.05E-04	6.20E-09	0.05	4.71E-02	1.56E-11	1,000,000	1.56E-05
36	0.43349	2.3019E-05	9.98E-06	6.05E-04	6.04E-09	0.05	4.71E-02	1.52E-11	1,000,000	1.52E-05
37	0.55752	2.3019E-05	1.28E-05	6.05E-04	7.77E-09	0.05	4.71E-02	1.95E-11	1,000,000	1.95E-05
38	0.54834	2.3019E-05	1.26E-05	6.05E-04	7.64E-09	0.05	4.71E-02	1.92E-11	1,000,000	1.92E-05
39	0.53831	2.3019E-05	1.24E-05	6.05E-04	7.50E-09	0.05	4.71E-02	1.89E-11	1,000,000	1.89E-05
40	0.52756	2.3019E-05	1.21E-05	6.05E-04	7.35E-09	0.05	4.71E-02	1.85E-11	1,000,000	1.85E-05
41	0.51622	2.3019E-05	1.19E-05	6.05E-04	7.19E-09	0.05	4.71E-02	1.81E-11	1,000,000	1.81E-05
42	0.50442	2.3019E-05	1.16E-05	6.05E-04	7.03E-09	0.05	4.71E-02	1.77E-11	1,000,000	1.77E-05
43	0.49229	2.3019E-05	1.13E-05	6.05E-04	6.86E-09	0.05	4.71E-02	1.72E-11	1,000,000	1.72E-05
44	0.47994	2.3019E-05	1.10E-05	6.05E-04	6.68E-09	0.05	4.71E-02	1.68E-11	1,000,000	1.68E-05
45	0.46748	2.3019E-05	1.08E-05	6.05E-04	6.51E-09	0.05	4.71E-02	1.64E-11	1,000,000	1.64E-05
46	0.4548	2.3019E-05	1.05E-05	6.05E-04	6.33E-09	0.05	4.71E-02	1.59E-11	1,000,000	1.59E-05
47	0.44218	2.3019E-05	1.02E-05	6.05E-04	6.16E-09	0.05	4.71E-02	1.55E-11	1,000,000	1.55E-05
48	0.57749	2.3019E-05	1.33E-05	6.05E-04	8.04E-09	0.05	4.71E-02	2.02E-11	1,000,000	2.02E-05
49	0.56698	2.3019E-05	1.31E-05	6.05E-04	7.90E-09	0.05	4.71E-02	1.99E-11	1,000,000	1.99E-05
50	0.55562	2.3019E-05	1.28E-05	6.05E-04	7.74E-09	0.05	4.71E-02	1.95E-11	1,000,000	1.95E-05
51	0.54357	2.3019E-05	1.25E-05	6.05E-04	7.57E-09	0.05	4.71E-02	1.90E-11	1,000,000	1.90E-05
52	0.53097	2.3019E-05	1.22E-05	6.05E-04	7.40E-09	0.05	4.71E-02	1.86E-11	1,000,000	1.86E-05
53	0.51797	2.3019E-05	1.19E-05	6.05E-04	7.21E-09	0.05	4.71E-02	1.81E-11	1,000,000	1.81E-05
54	0.50471	2.3019E-05	1.16E-05	6.05E-04	7.03E-09	0.05	4.71E-02	1.77E-11	1,000,000	1.77E-05
55	0.4913	2.3019E-05	1.13E-05	6.05E-04	6.84E-09	0.05	4.71E-02	1.72E-11	1,000,000	1.72E-05
56	0.47787	2.3019E-05	1.10E-05	6.05E-04	6.66E-09	0.05	4.71E-02	1.67E-11	1,000,000	1.67E-05
57	0.46428	2.3019E-05	1.07E-05	6.05E-04	6.47E-09	0.05	4.71E-02	1.63E-11	1,000,000	1.63E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	0.45083	2.3019E-05	1.04E-05	6.05E-04	6.28E-09	0.05	4.71E-02	1.58E-11	1,000,000	1.58E-05
59	0.59812	2.3019E-05	1.38E-05	6.05E-04	8.33E-09	0.05	4.71E-02	2.09E-11	1,000,000	2.09E-05
60	0.58612	2.3019E-05	1.35E-05	6.05E-04	8.16E-09	0.05	4.71E-02	2.05E-11	1,000,000	2.05E-05
61	0.5733	2.3019E-05	1.32E-05	6.05E-04	7.98E-09	0.05	4.71E-02	2.01E-11	1,000,000	2.01E-05
62	0.55985	2.3019E-05	1.29E-05	6.05E-04	7.80E-09	0.05	4.71E-02	1.96E-11	1,000,000	1.96E-05
63	0.54591	2.3019E-05	1.26E-05	6.05E-04	7.60E-09	0.05	4.71E-02	1.91E-11	1,000,000	1.91E-05
64	0.53164	2.3019E-05	1.22E-05	6.05E-04	7.40E-09	0.05	4.71E-02	1.86E-11	1,000,000	1.86E-05
65	0.51719	2.3019E-05	1.19E-05	6.05E-04	7.20E-09	0.05	4.71E-02	1.81E-11	1,000,000	1.81E-05
66	0.50268	2.3019E-05	1.16E-05	6.05E-04	7.00E-09	0.05	4.71E-02	1.76E-11	1,000,000	1.76E-05
67	0.48823	2.3019E-05	1.12E-05	6.05E-04	6.80E-09	0.05	4.71E-02	1.71E-11	1,000,000	1.71E-05
68	0.4737	2.3019E-05	1.09E-05	6.05E-04	6.60E-09	0.05	4.71E-02	1.66E-11	1,000,000	1.66E-05
69	0.45939	2.3019E-05	1.06E-05	6.05E-04	6.40E-09	0.05	4.71E-02	1.61E-11	1,000,000	1.61E-05
70	0.61936	2.3019E-05	1.43E-05	6.05E-04	8.63E-09	0.05	4.71E-02	2.17E-11	1,000,000	2.17E-05
71	0.60574	2.3019E-05	1.39E-05	6.05E-04	8.44E-09	0.05	4.71E-02	2.12E-11	1,000,000	2.12E-05
72	0.59134	2.3019E-05	1.36E-05	6.05E-04	8.24E-09	0.05	4.71E-02	2.07E-11	1,000,000	2.07E-05
73	0.57637	2.3019E-05	1.33E-05	6.05E-04	8.03E-09	0.05	4.71E-02	2.02E-11	1,000,000	2.02E-05
74	0.561	2.3019E-05	1.29E-05	6.05E-04	7.81E-09	0.05	4.71E-02	1.96E-11	1,000,000	1.96E-05
75	0.54539	2.3019E-05	1.26E-05	6.05E-04	7.60E-09	0.05	4.71E-02	1.91E-11	1,000,000	1.91E-05
76	0.5297	2.3019E-05	1.22E-05	6.05E-04	7.38E-09	0.05	4.71E-02	1.85E-11	1,000,000	1.85E-05
77	0.51405	2.3019E-05	1.18E-05	6.05E-04	7.16E-09	0.05	4.71E-02	1.80E-11	1,000,000	1.80E-05
78	0.49854	2.3019E-05	1.15E-05	6.05E-04	6.94E-09	0.05	4.71E-02	1.75E-11	1,000,000	1.75E-05
79	0.48304	2.3019E-05	1.11E-05	6.05E-04	6.73E-09	0.05	4.71E-02	1.69E-11	1,000,000	1.69E-05
80	0.46785	2.3019E-05	1.08E-05	6.05E-04	6.52E-09	0.05	4.71E-02	1.64E-11	1,000,000	1.64E-05
81	0.64119	2.3019E-05	1.48E-05	6.05E-04	8.93E-09	0.05	4.71E-02	2.25E-11	1,000,000	2.25E-05
82	0.62579	2.3019E-05	1.44E-05	6.05E-04	8.72E-09	0.05	4.71E-02	2.19E-11	1,000,000	2.19E-05
83	0.60969	2.3019E-05	1.40E-05	6.05E-04	8.49E-09	0.05	4.71E-02	2.14E-11	1,000,000	2.14E-05
84	0.59309	2.3019E-05	1.37E-05	6.05E-04	8.26E-09	0.05	4.71E-02	2.08E-11	1,000,000	2.08E-05
85	0.5762	2.3019E-05	1.33E-05	6.05E-04	8.03E-09	0.05	4.71E-02	2.02E-11	1,000,000	2.02E-05
86	0.55918	2.3019E-05	1.29E-05	6.05E-04	7.79E-09	0.05	4.71E-02	1.96E-11	1,000,000	1.96E-05
87	0.54219	2.3019E-05	1.25E-05	6.05E-04	7.55E-09	0.05	4.71E-02	1.90E-11	1,000,000	1.90E-05
88	0.52535	2.3019E-05	1.21E-05	6.05E-04	7.32E-09	0.05	4.71E-02	1.84E-11	1,000,000	1.84E-05
89	0.50876	2.3019E-05	1.17E-05	6.05E-04	7.09E-09	0.05	4.71E-02	1.78E-11	1,000,000	1.78E-05
90	0.49226	2.3019E-05	1.13E-05	6.05E-04	6.86E-09	0.05	4.71E-02	1.72E-11	1,000,000	1.72E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	0.47617	2.3019E-05	1.10E-05	6.05E-04	6.63E-09	0.05	4.71E-02	1.67E-11	1,000,000	1.67E-05
92	0.66357	2.3019E-05	1.53E-05	6.05E-04	9.24E-09	0.05	4.71E-02	2.32E-11	1,000,000	2.32E-05
93	0.64623	2.3019E-05	1.49E-05	6.05E-04	9.00E-09	0.05	4.71E-02	2.26E-11	1,000,000	2.26E-05
94	0.62829	2.3019E-05	1.45E-05	6.05E-04	8.75E-09	0.05	4.71E-02	2.20E-11	1,000,000	2.20E-05
95	0.60997	2.3019E-05	1.40E-05	6.05E-04	8.50E-09	0.05	4.71E-02	2.14E-11	1,000,000	2.14E-05
96	0.59147	2.3019E-05	1.36E-05	6.05E-04	8.24E-09	0.05	4.71E-02	2.07E-11	1,000,000	2.07E-05
97	0.57297	2.3019E-05	1.32E-05	6.05E-04	7.98E-09	0.05	4.71E-02	2.01E-11	1,000,000	2.01E-05
98	0.55462	2.3019E-05	1.28E-05	6.05E-04	7.72E-09	0.05	4.71E-02	1.94E-11	1,000,000	1.94E-05
99	0.53655	2.3019E-05	1.24E-05	6.05E-04	7.47E-09	0.05	4.71E-02	1.88E-11	1,000,000	1.88E-05
100	0.51884	2.3019E-05	1.19E-05	6.05E-04	7.23E-09	0.05	4.71E-02	1.82E-11	1,000,000	1.82E-05
101	0.50132	2.3019E-05	1.15E-05	6.05E-04	6.98E-09	0.05	4.71E-02	1.76E-11	1,000,000	1.76E-05
102	0.48429	2.3019E-05	1.11E-05	6.05E-04	6.75E-09	0.05	4.71E-02	1.70E-11	1,000,000	1.70E-05
103	0.62407	2.3019E-05	1.44E-05	6.05E-04	8.69E-09	0.05	4.71E-02	2.19E-11	1,000,000	2.19E-05
104	0.60459	2.3019E-05	1.39E-05	6.05E-04	8.42E-09	0.05	4.71E-02	2.12E-11	1,000,000	2.12E-05
105	0.58516	2.3019E-05	1.35E-05	6.05E-04	8.15E-09	0.05	4.71E-02	2.05E-11	1,000,000	2.05E-05
106	0.5652	2.3019E-05	1.30E-05	6.05E-04	7.87E-09	0.05	4.71E-02	1.98E-11	1,000,000	1.98E-05
107	0.5476	2.3019E-05	1.26E-05	6.05E-04	7.63E-09	0.05	4.71E-02	1.92E-11	1,000,000	1.92E-05
108	0.52874	2.3019E-05	1.22E-05	6.05E-04	7.36E-09	0.05	4.71E-02	1.85E-11	1,000,000	1.85E-05
109	0.51016	2.3019E-05	1.17E-05	6.05E-04	7.11E-09	0.05	4.71E-02	1.79E-11	1,000,000	1.79E-05
110	0.49218	2.3019E-05	1.13E-05	6.05E-04	6.86E-09	0.05	4.71E-02	1.72E-11	1,000,000	1.72E-05
111	0.64321	2.3019E-05	1.48E-05	6.05E-04	8.96E-09	0.05	4.71E-02	2.25E-11	1,000,000	2.25E-05
112	0.66507	2.3019E-05	1.53E-05	6.05E-04	9.26E-09	0.05	4.71E-02	2.33E-11	1,000,000	2.33E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	0.5382	2.3019E-05	2.5723E-05	2.50E-04	6.44E-09	0.05	1.57E-02	5.40E-12	1,000,000	5.40E-06
27	0.53024	2.3019E-05	2.7228E-05	2.50E-04	6.81E-09	0.05	1.57E-02	5.71E-12	1,000,000	5.71E-06
28	0.52143	2.3019E-05	2.8747E-05	2.50E-04	7.19E-09	0.05	1.57E-02	6.03E-12	1,000,000	6.03E-06
29	0.51188	2.3019E-05	3.0204E-05	2.50E-04	7.56E-09	0.05	1.57E-02	6.34E-12	1,000,000	6.34E-06
30	0.5017	2.3019E-05	3.1534E-05	2.50E-04	7.89E-09	0.05	1.57E-02	6.61E-12	1,000,000	6.61E-06
31	0.49103	2.3019E-05	3.2696E-05	2.50E-04	8.18E-09	0.05	1.57E-02	6.86E-12	1,000,000	6.86E-06
32	0.47996	2.3019E-05	3.3662E-05	2.50E-04	8.42E-09	0.05	1.57E-02	7.06E-12	1,000,000	7.06E-06
33	0.46862	2.3019E-05	3.4414E-05	2.50E-04	8.61E-09	0.05	1.57E-02	7.22E-12	1,000,000	7.22E-06
34	0.4571	2.3019E-05	3.4935E-05	2.50E-04	8.74E-09	0.05	1.57E-02	7.33E-12	1,000,000	7.33E-06
35	0.44529	2.3019E-05	3.5209E-05	2.50E-04	8.81E-09	0.05	1.57E-02	7.39E-12	1,000,000	7.39E-06
36	0.43349	2.3019E-05	3.519E-05	2.50E-04	8.81E-09	0.05	1.57E-02	7.38E-12	1,000,000	7.38E-06
37	0.55752	2.3019E-05	2.8097E-05	2.50E-04	7.03E-09	0.05	1.57E-02	5.89E-12	1,000,000	5.89E-06
38	0.54834	2.3019E-05	2.9839E-05	2.50E-04	7.47E-09	0.05	1.57E-02	6.26E-12	1,000,000	6.26E-06
39	0.53831	2.3019E-05	3.16E-05	2.50E-04	7.91E-09	0.05	1.57E-02	6.63E-12	1,000,000	6.63E-06
40	0.52756	2.3019E-05	3.3283E-05	2.50E-04	8.33E-09	0.05	1.57E-02	6.98E-12	1,000,000	6.98E-06
41	0.51622	2.3019E-05	3.4805E-05	2.50E-04	8.71E-09	0.05	1.57E-02	7.30E-12	1,000,000	7.30E-06
42	0.50442	2.3019E-05	3.6111E-05	2.50E-04	9.04E-09	0.05	1.57E-02	7.57E-12	1,000,000	7.57E-06
43	0.49229	2.3019E-05	3.7166E-05	2.50E-04	9.30E-09	0.05	1.57E-02	7.80E-12	1,000,000	7.80E-06
44	0.47994	2.3019E-05	3.7946E-05	2.50E-04	9.50E-09	0.05	1.57E-02	7.96E-12	1,000,000	7.96E-06
45	0.46748	2.3019E-05	3.843E-05	2.50E-04	9.62E-09	0.05	1.57E-02	8.06E-12	1,000,000	8.06E-06
46	0.4548	2.3019E-05	3.86E-05	2.50E-04	9.66E-09	0.05	1.57E-02	8.10E-12	1,000,000	8.10E-06
47	0.44218	2.3019E-05	3.8412E-05	2.50E-04	9.61E-09	0.05	1.57E-02	8.06E-12	1,000,000	8.06E-06
48	0.57749	2.3019E-05	3.0857E-05	2.50E-04	7.72E-09	0.05	1.57E-02	6.47E-12	1,000,000	6.47E-06
49	0.56698	2.3019E-05	3.2895E-05	2.50E-04	8.23E-09	0.05	1.57E-02	6.90E-12	1,000,000	6.90E-06
50	0.55562	2.3019E-05	3.4958E-05	2.50E-04	8.75E-09	0.05	1.57E-02	7.33E-12	1,000,000	7.33E-06
51	0.54357	2.3019E-05	3.6919E-05	2.50E-04	9.24E-09	0.05	1.57E-02	7.74E-12	1,000,000	7.74E-06
52	0.53097	2.3019E-05	3.8671E-05	2.50E-04	9.68E-09	0.05	1.57E-02	8.11E-12	1,000,000	8.11E-06
53	0.51797	2.3019E-05	4.0141E-05	2.50E-04	1.00E-08	0.05	1.57E-02	8.42E-12	1,000,000	8.42E-06
54	0.50471	2.3019E-05	4.1284E-05	2.50E-04	1.03E-08	0.05	1.57E-02	8.66E-12	1,000,000	8.66E-06
55	0.4913	2.3019E-05	4.2066E-05	2.50E-04	1.05E-08	0.05	1.57E-02	8.82E-12	1,000,000	8.82E-06
56	0.47787	2.3019E-05	4.2466E-05	2.50E-04	1.06E-08	0.05	1.57E-02	8.91E-12	1,000,000	8.91E-06
57	0.46428	2.3019E-05	4.2468E-05	2.50E-04	1.06E-08	0.05	1.57E-02	8.91E-12	1,000,000	8.91E-06
58	0.45083	2.3019E-05	4.2034E-05	2.50E-04	1.05E-08	0.05	1.57E-02	8.82E-12	1,000,000	8.82E-06
59	0.59812	2.3019E-05	3.4099E-05	2.50E-04	8.53E-09	0.05	1.57E-02	7.15E-12	1,000,000	7.15E-06
60	0.58612	2.3019E-05	3.6511E-05	2.50E-04	9.14E-09	0.05	1.57E-02	7.66E-12	1,000,000	7.66E-06
61	0.5733	2.3019E-05	3.8954E-05	2.50E-04	9.75E-09	0.05	1.57E-02	8.17E-12	1,000,000	8.17E-06
62	0.55985	2.3019E-05	4.1262E-05	2.50E-04	1.03E-08	0.05	1.57E-02	8.65E-12	1,000,000	8.65E-06
63	0.54591	2.3019E-05	4.3293E-05	2.50E-04	1.08E-08	0.05	1.57E-02	9.08E-12	1,000,000	9.08E-06
64	0.53164	2.3019E-05	4.4948E-05	2.50E-04	1.12E-08	0.05	1.57E-02	9.43E-12	1,000,000	9.43E-06
65	0.51719	2.3019E-05	4.6165E-05	2.50E-04	1.16E-08	0.05	1.57E-02	9.68E-12	1,000,000	9.68E-06

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	0.50268	2.3019E-05	4.6904E-05	2.50E-04	1.17E-08	0.05	1.57E-02	9.84E-12	1,000,000	9.84E-06
67	0.48823	2.3019E-05	4.7144E-05	2.50E-04	1.18E-08	0.05	1.57E-02	9.89E-12	1,000,000	9.89E-06
68	0.4737	2.3019E-05	4.6882E-05	2.50E-04	1.17E-08	0.05	1.57E-02	9.83E-12	1,000,000	9.83E-06
69	0.45939	2.3019E-05	4.6097E-05	2.50E-04	1.15E-08	0.05	1.57E-02	9.67E-12	1,000,000	9.67E-06
70	0.61936	2.3019E-05	3.7953E-05	2.50E-04	9.50E-09	0.05	1.57E-02	7.96E-12	1,000,000	7.96E-06
71	0.60574	2.3019E-05	4.0842E-05	2.50E-04	1.02E-08	0.05	1.57E-02	8.57E-12	1,000,000	8.57E-06
72	0.59134	2.3019E-05	4.3775E-05	2.50E-04	1.10E-08	0.05	1.57E-02	9.18E-12	1,000,000	9.18E-06
73	0.57637	2.3019E-05	4.6524E-05	2.50E-04	1.16E-08	0.05	1.57E-02	9.76E-12	1,000,000	9.76E-06
74	0.561	2.3019E-05	4.8892E-05	2.50E-04	1.22E-08	0.05	1.57E-02	1.03E-11	1,000,000	1.03E-05
75	0.54539	2.3019E-05	5.0746E-05	2.50E-04	1.27E-08	0.05	1.57E-02	1.06E-11	1,000,000	1.06E-05
76	0.5297	2.3019E-05	5.2003E-05	2.50E-04	1.30E-08	0.05	1.57E-02	1.09E-11	1,000,000	1.09E-05
77	0.51405	2.3019E-05	5.2617E-05	2.50E-04	1.32E-08	0.05	1.57E-02	1.10E-11	1,000,000	1.10E-05
78	0.49854	2.3019E-05	5.2579E-05	2.50E-04	1.32E-08	0.05	1.57E-02	1.10E-11	1,000,000	1.10E-05
79	0.48304	2.3019E-05	5.1912E-05	2.50E-04	1.30E-08	0.05	1.57E-02	1.09E-11	1,000,000	1.09E-05
80	0.46785	2.3019E-05	5.0634E-05	2.50E-04	1.27E-08	0.05	1.57E-02	1.06E-11	1,000,000	1.06E-05
81	0.64119	2.3019E-05	4.2594E-05	2.50E-04	1.07E-08	0.05	1.57E-02	8.93E-12	1,000,000	8.93E-06
82	0.62579	2.3019E-05	4.611E-05	2.50E-04	1.15E-08	0.05	1.57E-02	9.67E-12	1,000,000	9.67E-06
83	0.60969	2.3019E-05	4.9685E-05	2.50E-04	1.24E-08	0.05	1.57E-02	1.04E-11	1,000,000	1.04E-05
84	0.59309	2.3019E-05	5.3E-05	2.50E-04	1.33E-08	0.05	1.57E-02	1.11E-11	1,000,000	1.11E-05
85	0.5762	2.3019E-05	5.5779E-05	2.50E-04	1.40E-08	0.05	1.57E-02	1.17E-11	1,000,000	1.17E-05
86	0.55918	2.3019E-05	5.7831E-05	2.50E-04	1.45E-08	0.05	1.57E-02	1.21E-11	1,000,000	1.21E-05
87	0.54219	2.3019E-05	5.9051E-05	2.50E-04	1.48E-08	0.05	1.57E-02	1.24E-11	1,000,000	1.24E-05
88	0.52535	2.3019E-05	5.9398E-05	2.50E-04	1.49E-08	0.05	1.57E-02	1.25E-11	1,000,000	1.25E-05
89	0.50876	2.3019E-05	5.8896E-05	2.50E-04	1.47E-08	0.05	1.57E-02	1.24E-11	1,000,000	1.24E-05
90	0.49226	2.3019E-05	5.7627E-05	2.50E-04	1.44E-08	0.05	1.57E-02	1.21E-11	1,000,000	1.21E-05
91	0.47617	2.3019E-05	5.5669E-05	2.50E-04	1.39E-08	0.05	1.57E-02	1.17E-11	1,000,000	1.17E-05
92	0.66357	2.3019E-05	4.8274E-05	2.50E-04	1.21E-08	0.05	1.57E-02	1.01E-11	1,000,000	1.01E-05
93	0.64623	2.3019E-05	5.2632E-05	2.50E-04	1.32E-08	0.05	1.57E-02	1.10E-11	1,000,000	1.10E-05
94	0.62829	2.3019E-05	5.707E-05	2.50E-04	1.43E-08	0.05	1.57E-02	1.20E-11	1,000,000	1.20E-05
95	0.60997	2.3019E-05	6.1128E-05	2.50E-04	1.53E-08	0.05	1.57E-02	1.28E-11	1,000,000	1.28E-05
96	0.59147	2.3019E-05	6.4397E-05	2.50E-04	1.61E-08	0.05	1.57E-02	1.35E-11	1,000,000	1.35E-05
97	0.57297	2.3019E-05	6.6608E-05	2.50E-04	1.67E-08	0.05	1.57E-02	1.40E-11	1,000,000	1.40E-05
98	0.55462	2.3019E-05	6.7635E-05	2.50E-04	1.69E-08	0.05	1.57E-02	1.42E-11	1,000,000	1.42E-05
99	0.53655	2.3019E-05	6.7471E-05	2.50E-04	1.69E-08	0.05	1.57E-02	1.42E-11	1,000,000	1.42E-05
100	0.51884	2.3019E-05	6.6223E-05	2.50E-04	1.66E-08	0.05	1.57E-02	1.39E-11	1,000,000	1.39E-05
101	0.50132	2.3019E-05	6.408E-05	2.50E-04	1.60E-08	0.05	1.57E-02	1.34E-11	1,000,000	1.34E-05
102	0.48429	2.3019E-05	6.1203E-05	2.50E-04	1.53E-08	0.05	1.57E-02	1.28E-11	1,000,000	1.28E-05
103	0.62407	2.3019E-05	6.9223E-05	2.50E-04	1.73E-08	0.05	1.57E-02	1.45E-11	1,000,000	1.45E-05
104	0.60459	2.3019E-05	7.3067E-05	2.50E-04	1.83E-08	0.05	1.57E-02	1.53E-11	1,000,000	1.53E-05
105	0.58516	2.3019E-05	7.6464E-05	2.50E-04	1.91E-08	0.05	1.57E-02	1.60E-11	1,000,000	1.60E-05
106	0.5652	2.3019E-05	7.6917E-05	2.50E-04	1.93E-08	0.05	1.57E-02	1.61E-11	1,000,000	1.61E-05
107	0.5476	2.3019E-05	7.7087E-05	2.50E-04	1.93E-08	0.05	1.57E-02	1.62E-11	1,000,000	1.62E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	0.52874	2.3019E-05	7.4676E-05	2.50E-04	1.87E-08	0.05	1.57E-02	1.57E-11	1,000,000	1.57E-05
109	0.51016	2.3019E-05	7.1291E-05	2.50E-04	1.78E-08	0.05	1.57E-02	1.50E-11	1,000,000	1.50E-05
110	0.49218	2.3019E-05	6.7208E-05	2.50E-04	1.68E-08	0.05	1.57E-02	1.41E-11	1,000,000	1.41E-05
111	0.64321	2.3019E-05	6.4478E-05	2.50E-04	1.61E-08	0.05	1.57E-02	1.35E-11	1,000,000	1.35E-05
112	0.66507	2.3019E-05	5.8613E-05	2.50E-04	1.47E-08	0.05	1.57E-02	1.23E-11	1,000,000	1.23E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	2.2E-04	School	0.002	35	5	5.05E-06	2.06E-04	35	School
2	2.5E-04	Res	0.001	278	5	5.66E-06	3.24E-05	278	Res
3	2.8E-04	Teacher	6.81E-05	107	5	6.45E-06	6.5E-05	107	Teacher
4	3.3E-04				5	7.47E-06			
5	3.9E-04				5	8.88E-06			
6	2.2E-04				5	4.97E-06			
7	2.4E-04				5	5.56E-06			
8	2.8E-04				5	6.30E-06			
9	3.2E-04				5	7.28E-06			
10	3.8E-04				5	8.59E-06			
11	2.1E-04				5	4.86E-06			
12	2.4E-04				5	5.41E-06			
13	2.7E-04				5	6.12E-06			
14	3.1E-04				5	7.04E-06			
15	3.6E-04				5	8.26E-06			
16	2.1E-04				5	4.73E-06			
17	2.3E-04				5	5.26E-06			
18	2.6E-04				5	5.92E-06			
19	3.0E-04				5	6.77E-06			
20	3.5E-04				5	7.93E-06			
21	2.0E-04				5	4.61E-06			
22	2.2E-04				5	5.11E-06			
23	2.5E-04				5	5.73E-06			
24	2.9E-04				5	6.54E-06			
25	3.3E-04				5	7.60E-06			
113	4.8E-04				5	1.11E-05			
114	4.4E-04				5	1.01E-05			
115	4.0E-04				5	9.21E-06			
116	3.7E-04				5	8.46E-06			
117	4.9E-04				5	1.13E-05			
118	4.5E-04				5	1.02E-05			
119	4.1E-04				5	9.35E-06			

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	3.8E-04			5	8.57E-06		
121	5.0E-04			5	1.15E-05		
122	4.6E-04			5	1.04E-05		
123	4.1E-04			5	9.46E-06		
124	3.8E-04			5	8.65E-06		
125	5.1E-04			5	1.17E-05		
126	4.6E-04			5	1.05E-05		
127	4.2E-04			5	9.54E-06		
128	3.8E-04			5	8.70E-06		
129	5.2E-04			5	1.18E-05		
130	4.6E-04			5	1.06E-05		
131	4.2E-04			5	9.58E-06		
132	3.8E-04			5	8.73E-06		
133	5.2E-04			5	1.18E-05		
134	4.6E-04			5	1.06E-05		
135	4.2E-04			5	9.59E-06		
136	3.8E-04			5	8.73E-06		
137	5.2E-04			5	1.18E-05		
138	4.2E-04			5	9.57E-06		
139	3.8E-04			5	8.71E-06		
140	5.0E-04			5	1.14E-05		
141	4.5E-04			5	1.03E-05		
142	4.1E-04			5	9.33E-06		
143	3.7E-04			5	8.51E-06		
144	4.9E-04			5	1.12E-05		
145	4.4E-04			5	1.01E-05		
146	4.0E-04			5	9.20E-06		
147	3.7E-04			5	8.41E-06		
148	4.8E-04			5	1.10E-05		
149	4.4E-04			5	9.94E-06		
150	4.0E-04			5	9.05E-06		
151	3.6E-04			5	8.28E-06		
152	4.7E-04			5	1.08E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	4.3E-04			5	9.75E-06		
154	3.9E-04			5	8.89E-06		
155	3.6E-04			5	8.15E-06		
156	4.6E-04			5	1.05E-05		
157	4.2E-04			5	9.55E-06		
158	3.8E-04			5	8.72E-06		
159	3.5E-04			5	8.00E-06		
160	4.5E-04			5	1.03E-05		
161	4.1E-04			5	9.35E-06		
162	3.7E-04			5	8.54E-06		
163	3.4E-04			5	7.85E-06		
164	4.4E-04			5	1.01E-05		
165	4.0E-04			5	9.16E-06		
166	3.7E-04			5	8.37E-06		
167	3.4E-04			5	7.69E-06		
168	4.3E-04			5	9.85E-06		
169	3.9E-04			5	8.96E-06		
170	3.6E-04			5	8.19E-06		
171	3.3E-04			5	7.54E-06		
172	4.2E-04			5	9.61E-06		
173	3.8E-04			5	8.75E-06		
174	3.5E-04			5	8.01E-06		
175	3.2E-04			5	7.38E-06		
176	4.1E-04			5	9.33E-06		
177	3.7E-04			5	8.52E-06		
178	3.4E-04			5	7.82E-06		
179	3.2E-04			5	7.21E-06		
180	4.0E-04			5	9.03E-06		
181	3.6E-04			5	8.28E-06		
182	3.3E-04			5	7.61E-06		
183	3.1E-04			5	7.03E-06		
184	4.7E-04			5	1.08E-05		
185	4.7E-04			5	1.08E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	4.3E-04			5	9.78E-06		
187	3.9E-04			5	8.94E-06		
188	3.6E-04			5	8.21E-06		
189	4.9E-04			5	1.12E-05		
190	4.5E-04			5	1.02E-05		
191	4.1E-04			5	9.35E-06		
192	3.8E-04			5	8.58E-06		
193	3.5E-04			5	7.91E-06		
194	4.6E-04			5	1.06E-05		
195	4.2E-04			5	9.67E-06		
196	3.9E-04			5	8.89E-06		
197	3.6E-04			5	8.20E-06		
198	3.3E-04			5	7.59E-06		
199	4.4E-04			5	9.94E-06		
200	4.0E-04			5	9.13E-06		
201	3.7E-04			5	8.42E-06		
202	3.4E-04			5	7.80E-06		
203	3.2E-04			5	7.27E-06		
204	6.0E-04			5	1.37E-05		
205	4.1E-04			5	9.33E-06		
206	3.8E-04			5	8.60E-06		
207	3.5E-04			5	7.96E-06		
208	3.2E-04			5	7.40E-06		
209	5.5E-04			5	1.26E-05		
210	5.0E-04			5	1.14E-05		
211	4.6E-04			5	1.04E-05		
212	4.2E-04			5	9.53E-06		
213	3.8E-04			5	8.76E-06		
214	3.5E-04			5	8.10E-06		
215	3.3E-04			5	7.52E-06		
216	5.7E-04			5	1.31E-05		
217	5.2E-04			5	1.19E-05		
218	4.8E-04			5	1.09E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	4.4E-04			5	9.94E-06		
220	4.0E-04			5	9.13E-06		
221	3.7E-04			5	8.41E-06		
222	5.3E-04			5	1.20E-05		
223	4.8E-04			5	1.10E-05		
224	4.4E-04			5	1.01E-05		
225	4.1E-04			5	9.30E-06		
226	3.8E-04			5	8.58E-06		
227	4.9E-04			5	1.11E-05		
228	4.5E-04			5	1.02E-05		
229	4.1E-04			5	9.43E-06		
230	3.8E-04			5	8.72E-06		
231	4.5E-04			5	1.02E-05		
232	4.2E-04			5	9.49E-06		
233	3.9E-04			5	8.81E-06		
234	3.6E-04			5	8.18E-06		
235	4.1E-04			5	9.46E-06		
236	3.9E-04			5	8.83E-06		
237	3.6E-04			5	8.23E-06		
238	3.4E-04			5	7.69E-06		
239	3.8E-04			5	8.77E-06		
240	3.6E-04			5	8.22E-06		
241	3.4E-04			5	7.71E-06		
242	3.2E-04			5	7.23E-06		
243	5.7E-04			5	1.30E-05		
244	5.5E-04			5	1.25E-05		
245	5.2E-04			5	1.20E-05		
246	5.0E-04			5	1.13E-05		
247	4.7E-04			5	1.06E-05		
248	4.4E-04			5	9.99E-06		
249	4.1E-04			5	9.39E-06		
250	5.2E-04			5	1.18E-05		
251	5.0E-04			5	1.14E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	4.8E-04			5	1.09E-05		
253	4.5E-04			5	1.03E-05		
254	4.3E-04			5	9.74E-06		
255	4.0E-04			5	9.19E-06		
256	3.8E-04			5	8.67E-06		
257	4.7E-04			5	1.07E-05		
258	4.5E-04			5	1.04E-05		
259	4.4E-04			5	9.94E-06		
260	4.1E-04			5	9.47E-06		
261	3.9E-04			5	8.97E-06		
262	3.7E-04			5	8.49E-06		
263	3.5E-04			5	8.04E-06		
264	4.3E-04			5	9.85E-06		
265	4.2E-04			5	9.52E-06		
266	4.0E-04			5	9.14E-06		
267	3.8E-04			5	8.73E-06		
268	3.6E-04			5	8.30E-06		
269	3.5E-04			5	7.88E-06		
270	3.3E-04			5	7.47E-06		
271	4.0E-04			5	9.07E-06		
272	3.8E-04			5	8.78E-06		
273	3.7E-04			5	8.45E-06		
274	3.5E-04			5	8.08E-06		
275	3.4E-04			5	7.71E-06		
276	3.2E-04			5	7.34E-06		
277	3.1E-04			5	6.98E-06		
278	1.4E-03			5	3.24E-05		
279	1.3E-03			5	2.91E-05		
280	1.0E-03			5	2.38E-05		
281	9.7E-04			5	2.21E-05		
282	9.6E-04			5	2.19E-05		
283	9.9E-04			5	2.25E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	1.8E-04			5	2.42E-05		
27	2.0E-04			5	2.67E-05		
28	2.3E-04			5	2.98E-05		
29	2.6E-04			5	3.37E-05		
30	3.0E-04			5	3.92E-05		
31	3.6E-04			5	4.71E-05		
32	4.5E-04			5	5.95E-05		
33	6.1E-04			5	8.05E-05		
34	9.1E-04			5	1.19E-04		
35	1.6E-03			5	2.06E-04		
36	1.5E-03			5	1.92E-04		
37	1.9E-04			5	2.56E-05		
38	2.1E-04			5	2.82E-05		
39	2.4E-04			5	3.14E-05		
40	2.7E-04			5	3.56E-05		
41	3.1E-04			5	4.12E-05		
42	3.7E-04			5	4.91E-05		
43	4.6E-04			5	6.11E-05		
44	6.1E-04			5	8.07E-05		
45	8.8E-04			5	1.16E-04		
46	1.5E-03			5	1.96E-04		
47	1.5E-03			5	1.91E-04		
48	2.1E-04			5	2.71E-05		
49	2.3E-04			5	2.99E-05		
50	2.5E-04			5	3.33E-05		
51	2.9E-04			5	3.76E-05		
52	3.3E-04			5	4.32E-05		
53	3.9E-04			5	5.11E-05		
54	4.8E-04			5	6.27E-05		
55	6.2E-04			5	8.12E-05		
56	8.7E-04			5	1.15E-04		
57	1.5E-03			5	1.92E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	1.5E-03			5	1.91E-04		
59	2.2E-04			5	2.88E-05		
60	2.4E-04			5	3.17E-05		
61	2.7E-04			5	3.53E-05		
62	3.0E-04			5	3.97E-05		
63	3.5E-04			5	4.54E-05		
64	4.0E-04			5	5.31E-05		
65	4.9E-04			5	6.43E-05		
66	6.2E-04			5	8.20E-05		
67	8.7E-04			5	1.14E-04		
68	1.4E-03			5	1.90E-04		
69	1.4E-03			5	1.90E-04		
70	2.3E-04			5	3.07E-05		
71	2.6E-04			5	3.39E-05		
72	2.9E-04			5	3.76E-05		
73	3.2E-04			5	4.22E-05		
74	3.6E-04			5	4.79E-05		
75	4.2E-04			5	5.54E-05		
76	5.0E-04			5	6.61E-05		
77	6.3E-04			5	8.30E-05		
78	8.7E-04			5	1.14E-04		
79	1.4E-03			5	1.87E-04		
80	1.4E-03			5	1.88E-04		
81	2.5E-04			5	3.30E-05		
82	2.8E-04			5	3.64E-05		
83	3.1E-04			5	4.04E-05		
84	3.4E-04			5	4.51E-05		
85	3.9E-04			5	5.07E-05		
86	4.4E-04			5	5.80E-05		
87	5.2E-04			5	6.81E-05		
88	6.4E-04			5	8.39E-05		
89	8.6E-04			5	1.13E-04		
90	1.4E-03			5	1.83E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	1.4E-03			5	1.82E-04		
92	2.7E-04			5	3.58E-05		
93	3.0E-04			5	3.95E-05		
94	3.3E-04			5	4.38E-05		
95	3.7E-04			5	4.87E-05		
96	4.1E-04			5	5.43E-05		
97	4.7E-04			5	6.11E-05		
98	5.4E-04			5	7.04E-05		
99	6.4E-04			5	8.47E-05		
100	8.5E-04			5	1.11E-04		
101	1.3E-03			5	1.76E-04		
102	1.3E-03			5	1.70E-04		
103	4.0E-04			5	5.22E-05		
104	4.4E-04			5	5.77E-05		
105	4.9E-04			5	6.48E-05		
106	5.6E-04			5	7.31E-05		
107	6.5E-04			5	8.54E-05		
108	8.2E-04			5	1.08E-04		
109	1.2E-03			5	1.62E-04		
110	1.0E-03			5	1.37E-04		
111	3.6E-04			5	4.72E-05		
112	3.2E-04			5	4.21E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Teacher			
26	2.3E-05			5	2.17E-05		
27	2.4E-05			5	2.29E-05		
28	2.5E-05			5	2.42E-05		
29	2.7E-05			5	2.54E-05		
30	2.8E-05			5	2.66E-05		
31	2.9E-05			5	2.75E-05		
32	3.0E-05			5	2.83E-05		
33	3.0E-05			5	2.90E-05		
34	3.1E-05			5	2.94E-05		
35	3.1E-05			5	2.96E-05		
36	3.1E-05			5	2.96E-05		
37	2.5E-05			5	2.37E-05		
38	2.6E-05			5	2.51E-05		
39	2.8E-05			5	2.66E-05		
40	2.9E-05			5	2.80E-05		
41	3.1E-05			5	2.93E-05		
42	3.2E-05			5	3.04E-05		
43	3.3E-05			5	3.13E-05		
44	3.4E-05			5	3.20E-05		
45	3.4E-05			5	3.24E-05		
46	3.4E-05			5	3.25E-05		
47	3.4E-05			5	3.23E-05		
48	2.7E-05			5	2.60E-05		
49	2.9E-05			5	2.77E-05		
50	3.1E-05			5	2.94E-05		
51	3.3E-05			5	3.11E-05		
52	3.4E-05			5	3.26E-05		
53	3.5E-05			5	3.38E-05		
54	3.6E-05			5	3.48E-05		
55	3.7E-05			5	3.54E-05		
56	3.8E-05			5	3.58E-05		
57	3.8E-05			5	3.58E-05		
58	3.7E-05			5	3.54E-05		
59	3.0E-05			5	2.87E-05		
60	3.2E-05			5	3.07E-05		
61	3.4E-05			5	3.28E-05		
62	3.6E-05			5	3.47E-05		
63	3.8E-05			5	3.65E-05		
64	4.0E-05			5	3.79E-05		
65	4.1E-05			5	3.89E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	4.1E-05			5	3.95E-05		
67	4.2E-05			5	3.97E-05		
68	4.1E-05			5	3.95E-05		
69	4.1E-05			5	3.88E-05		
70	3.4E-05			5	3.20E-05		
71	3.6E-05			5	3.44E-05		
72	3.9E-05			5	3.69E-05		
73	4.1E-05			5	3.92E-05		
74	4.3E-05			5	4.12E-05		
75	4.5E-05			5	4.27E-05		
76	4.6E-05			5	4.38E-05		
77	4.6E-05			5	4.43E-05		
78	4.6E-05			5	4.43E-05		
79	4.6E-05			5	4.37E-05		
80	4.5E-05			5	4.26E-05		
81	3.8E-05			5	3.59E-05		
82	4.1E-05			5	3.88E-05		
83	4.4E-05			5	4.18E-05		
84	4.7E-05			5	4.46E-05		
85	4.9E-05			5	4.70E-05		
86	5.1E-05			5	4.87E-05		
87	5.2E-05			5	4.97E-05		
88	5.2E-05			5	5.00E-05		
89	5.2E-05			5	4.96E-05		
90	5.1E-05			5	4.85E-05		
91	4.9E-05			5	4.69E-05		
92	4.3E-05			5	4.07E-05		
93	4.6E-05			5	4.43E-05		
94	5.0E-05			5	4.81E-05		
95	5.4E-05			5	5.15E-05		
96	5.7E-05			5	5.42E-05		
97	5.9E-05			5	5.61E-05		
98	6.0E-05			5	5.70E-05		
99	6.0E-05			5	5.68E-05		
100	5.8E-05			5	5.58E-05		
101	5.7E-05			5	5.40E-05		
102	5.4E-05			5	5.15E-05		
103	6.1E-05			5	5.83E-05		
104	6.5E-05			5	6.15E-05		
105	6.8E-05			5	6.44E-05		
106	6.8E-05			5	6.48E-05		
107	6.8E-05			5	6.49E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	6.6E-05			5	6.29E-05		
109	6.3E-05			5	6.00E-05		
110	5.9E-05			5	5.66E-05		
111	5.7E-05			5	5.43E-05		
112	5.2E-05			5	4.94E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.14114	**4.85E-05**	6.84E-06	1.05E-03	7.15E-09	0.03	1.57E-01	3.74E-11	1,000,000	3.74E-05
2	0.14905	4.8461E-05	7.2231E-06	1.05E-03	7.55E-09	0.03	1.57E-01	3.95E-11	1,000,000	3.95E-05
3	0.1579	4.8461E-05	7.6519E-06	1.05E-03	8.00E-09	0.03	1.57E-01	4.19E-11	1,000,000	4.19E-05
4	0.16744	4.8461E-05	8.1143E-06	1.05E-03	8.48E-09	0.03	1.57E-01	4.44E-11	1,000,000	4.44E-05
5	0.17809	4.8461E-05	8.6304E-06	1.05E-03	9.02E-09	0.03	1.57E-01	4.73E-11	1,000,000	4.73E-05
6	0.13902	4.8461E-05	6.737E-06	1.05E-03	7.04E-09	0.03	1.57E-01	3.69E-11	1,000,000	3.69E-05
7	0.14667	4.8461E-05	7.1077E-06	1.05E-03	7.43E-09	0.03	1.57E-01	3.89E-11	1,000,000	3.89E-05
8	0.15512	4.8461E-05	7.5172E-06	1.05E-03	7.86E-09	0.03	1.57E-01	4.12E-11	1,000,000	4.12E-05
9	0.16465	4.8461E-05	7.9791E-06	1.05E-03	8.34E-09	0.03	1.57E-01	4.37E-11	1,000,000	4.37E-05
10	0.17496	4.8461E-05	8.4787E-06	1.05E-03	8.86E-09	0.03	1.57E-01	4.64E-11	1,000,000	4.64E-05
11	0.13674	4.8461E-05	6.6265E-06	1.05E-03	6.93E-09	0.03	1.57E-01	3.63E-11	1,000,000	3.63E-05
12	0.14421	4.8461E-05	6.9885E-06	1.05E-03	7.30E-09	0.03	1.57E-01	3.83E-11	1,000,000	3.83E-05
13	0.15248	4.8461E-05	7.3893E-06	1.05E-03	7.72E-09	0.03	1.57E-01	4.05E-11	1,000,000	4.05E-05
14	0.16182	4.8461E-05	7.8419E-06	1.05E-03	8.20E-09	0.03	1.57E-01	4.29E-11	1,000,000	4.29E-05
15	0.17189	4.8461E-05	8.3299E-06	1.05E-03	8.71E-09	0.03	1.57E-01	4.56E-11	1,000,000	4.56E-05
16	0.13449	4.8461E-05	6.5175E-06	1.05E-03	6.81E-09	0.03	1.57E-01	3.57E-11	1,000,000	3.57E-05
17	0.14184	4.8461E-05	6.8737E-06	1.05E-03	7.18E-09	0.03	1.57E-01	3.76E-11	1,000,000	3.76E-05
18	0.14989	4.8461E-05	7.2638E-06	1.05E-03	7.59E-09	0.03	1.57E-01	3.98E-11	1,000,000	3.98E-05
19	0.15867	4.8461E-05	7.6893E-06	1.05E-03	8.04E-09	0.03	1.57E-01	4.21E-11	1,000,000	4.21E-05
20	0.16857	4.8461E-05	8.169E-06	1.05E-03	8.54E-09	0.03	1.57E-01	4.47E-11	1,000,000	4.47E-05
21	0.13234	4.8461E-05	6.4133E-06	1.05E-03	6.70E-09	0.03	1.57E-01	3.51E-11	1,000,000	3.51E-05
22	0.13951	4.8461E-05	6.7608E-06	1.05E-03	7.07E-09	0.03	1.57E-01	3.70E-11	1,000,000	3.70E-05
23	0.1474	4.8461E-05	7.1431E-06	1.05E-03	7.47E-09	0.03	1.57E-01	3.91E-11	1,000,000	3.91E-05
24	0.15603	4.8461E-05	7.5613E-06	1.05E-03	7.90E-09	0.03	1.57E-01	4.14E-11	1,000,000	4.14E-05
25	0.16546	4.8461E-05	8.0183E-06	1.05E-03	8.38E-09	0.03	1.57E-01	4.39E-11	1,000,000	4.39E-05
113	0.73392	4.8461E-05	3.5566E-05	1.05E-03	3.72E-08	0.03	1.57E-01	1.95E-10	1,000,000	1.95E-04
114	0.66665	4.8461E-05	3.2306E-05	1.05E-03	3.38E-08	0.03	1.57E-01	1.77E-10	1,000,000	1.77E-04
115	0.60682	4.8461E-05	2.9407E-05	1.05E-03	3.07E-08	0.03	1.57E-01	1.61E-10	1,000,000	1.61E-04
116	0.55381	4.8461E-05	2.6838E-05	1.05E-03	2.81E-08	0.03	1.57E-01	1.47E-10	1,000,000	1.47E-04
117	0.75855	4.8461E-05	3.676E-05	1.05E-03	3.84E-08	0.03	1.57E-01	2.01E-10	1,000,000	2.01E-04
118	0.68405	4.8461E-05	3.315E-05	1.05E-03	3.46E-08	0.03	1.57E-01	1.81E-10	1,000,000	1.81E-04
119	0.61905	4.8461E-05	3E-05	1.05E-03	3.14E-08	0.03	1.57E-01	1.64E-10	1,000,000	1.64E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.56235	4.8461E-05	2.7252E-05	1.05E-03	2.85E-08	0.03	1.57E-01	1.49E-10	1,000,000	1.49E-04
121	0.77902	4.8461E-05	3.7752E-05	1.05E-03	3.95E-08	0.03	1.57E-01	2.07E-10	1,000,000	2.07E-04
122	0.69799	4.8461E-05	3.3825E-05	1.05E-03	3.54E-08	0.03	1.57E-01	1.85E-10	1,000,000	1.85E-04
123	0.62851	4.8461E-05	3.0458E-05	1.05E-03	3.18E-08	0.03	1.57E-01	1.67E-10	1,000,000	1.67E-04
124	0.56876	4.8461E-05	2.7563E-05	1.05E-03	2.88E-08	0.03	1.57E-01	1.51E-10	1,000,000	1.51E-04
125	0.79504	4.8461E-05	3.8528E-05	1.05E-03	4.03E-08	0.03	1.57E-01	2.11E-10	1,000,000	2.11E-04
126	0.70855	4.8461E-05	3.4337E-05	1.05E-03	3.59E-08	0.03	1.57E-01	1.88E-10	1,000,000	1.88E-04
127	0.6355	4.8461E-05	3.0797E-05	1.05E-03	3.22E-08	0.03	1.57E-01	1.69E-10	1,000,000	1.69E-04
128	0.57342	4.8461E-05	2.7788E-05	1.05E-03	2.90E-08	0.03	1.57E-01	1.52E-10	1,000,000	1.52E-04
129	0.80691	4.8461E-05	3.9103E-05	1.05E-03	4.09E-08	0.03	1.57E-01	2.14E-10	1,000,000	2.14E-04
130	0.71623	4.8461E-05	3.4709E-05	1.05E-03	3.63E-08	0.03	1.57E-01	1.90E-10	1,000,000	1.90E-04
131	0.64054	4.8461E-05	3.1041E-05	1.05E-03	3.24E-08	0.03	1.57E-01	1.70E-10	1,000,000	1.70E-04
132	0.57677	4.8461E-05	2.7951E-05	1.05E-03	2.92E-08	0.03	1.57E-01	1.53E-10	1,000,000	1.53E-04
133	0.81537	4.8461E-05	3.9513E-05	1.05E-03	4.13E-08	0.03	1.57E-01	2.16E-10	1,000,000	2.16E-04
134	0.72167	4.8461E-05	3.4973E-05	1.05E-03	3.66E-08	0.03	1.57E-01	1.91E-10	1,000,000	1.91E-04
135	0.6441	4.8461E-05	3.1214E-05	1.05E-03	3.26E-08	0.03	1.57E-01	1.71E-10	1,000,000	1.71E-04
136	0.57915	4.8461E-05	2.8066E-05	1.05E-03	2.93E-08	0.03	1.57E-01	1.54E-10	1,000,000	1.54E-04
137	0.82108	4.8461E-05	3.979E-05	1.05E-03	4.16E-08	0.03	1.57E-01	2.18E-10	1,000,000	2.18E-04
138	0.64643	4.8461E-05	3.1326E-05	1.05E-03	3.27E-08	0.03	1.57E-01	1.72E-10	1,000,000	1.72E-04
139	0.58067	4.8461E-05	2.814E-05	1.05E-03	2.94E-08	0.03	1.57E-01	1.54E-10	1,000,000	1.54E-04
140	0.82161	4.8461E-05	3.9816E-05	1.05E-03	4.16E-08	0.03	1.57E-01	2.18E-10	1,000,000	2.18E-04
141	0.72413	4.8461E-05	3.5092E-05	1.05E-03	3.67E-08	0.03	1.57E-01	1.92E-10	1,000,000	1.92E-04
142	0.64444	4.8461E-05	3.123E-05	1.05E-03	3.26E-08	0.03	1.57E-01	1.71E-10	1,000,000	1.71E-04
143	0.57831	4.8461E-05	2.8025E-05	1.05E-03	2.93E-08	0.03	1.57E-01	1.53E-10	1,000,000	1.53E-04
144	0.81501	4.8461E-05	3.9496E-05	1.05E-03	4.13E-08	0.03	1.57E-01	2.16E-10	1,000,000	2.16E-04
145	0.71862	4.8461E-05	3.4825E-05	1.05E-03	3.64E-08	0.03	1.57E-01	1.91E-10	1,000,000	1.91E-04
146	0.63976	4.8461E-05	3.1003E-05	1.05E-03	3.24E-08	0.03	1.57E-01	1.70E-10	1,000,000	1.70E-04
147	0.57428	4.8461E-05	2.783E-05	1.05E-03	2.91E-08	0.03	1.57E-01	1.52E-10	1,000,000	1.52E-04
148	0.80431	4.8461E-05	3.8977E-05	1.05E-03	4.07E-08	0.03	1.57E-01	2.13E-10	1,000,000	2.13E-04
149	0.71009	4.8461E-05	3.4411E-05	1.05E-03	3.60E-08	0.03	1.57E-01	1.88E-10	1,000,000	1.88E-04
150	0.63276	4.8461E-05	3.0664E-05	1.05E-03	3.21E-08	0.03	1.57E-01	1.68E-10	1,000,000	1.68E-04
151	0.5684	4.8461E-05	2.7545E-05	1.05E-03	2.88E-08	0.03	1.57E-01	1.51E-10	1,000,000	1.51E-04
152	0.78872	4.8461E-05	3.8222E-05	1.05E-03	3.99E-08	0.03	1.57E-01	2.09E-10	1,000,000	2.09E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.69804	4.8461E-05	3.3828E-05	1.05E-03	3.54E-08	0.03	1.57E-01	1.85E-10	1,000,000	1.85E-04
154	0.62315	4.8461E-05	3.0198E-05	1.05E-03	3.16E-08	0.03	1.57E-01	1.65E-10	1,000,000	1.65E-04
155	0.56052	4.8461E-05	2.7163E-05	1.05E-03	2.84E-08	0.03	1.57E-01	1.49E-10	1,000,000	1.49E-04
156	0.76754	4.8461E-05	3.7196E-05	1.05E-03	3.89E-08	0.03	1.57E-01	2.04E-10	1,000,000	2.04E-04
157	0.68183	4.8461E-05	3.3042E-05	1.05E-03	3.45E-08	0.03	1.57E-01	1.81E-10	1,000,000	1.81E-04
158	0.61043	4.8461E-05	2.9582E-05	1.05E-03	3.09E-08	0.03	1.57E-01	1.62E-10	1,000,000	1.62E-04
159	0.55031	4.8461E-05	2.6668E-05	1.05E-03	2.79E-08	0.03	1.57E-01	1.46E-10	1,000,000	1.46E-04
160	0.74085	4.8461E-05	3.5902E-05	1.05E-03	3.75E-08	0.03	1.57E-01	1.97E-10	1,000,000	1.97E-04
161	0.66118	4.8461E-05	3.2041E-05	1.05E-03	3.35E-08	0.03	1.57E-01	1.75E-10	1,000,000	1.75E-04
162	0.59423	4.8461E-05	2.8797E-05	1.05E-03	3.01E-08	0.03	1.57E-01	1.58E-10	1,000,000	1.58E-04
163	0.53725	4.8461E-05	2.6036E-05	1.05E-03	2.72E-08	0.03	1.57E-01	1.43E-10	1,000,000	1.43E-04
164	0.70967	4.8461E-05	3.4391E-05	1.05E-03	3.59E-08	0.03	1.57E-01	1.88E-10	1,000,000	1.88E-04
165	0.63651	4.8461E-05	3.0846E-05	1.05E-03	3.22E-08	0.03	1.57E-01	1.69E-10	1,000,000	1.69E-04
166	0.57379	4.8461E-05	2.7806E-05	1.05E-03	2.91E-08	0.03	1.57E-01	1.52E-10	1,000,000	1.52E-04
167	0.52083	4.8461E-05	2.524E-05	1.05E-03	2.64E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
168	0.67556	4.8461E-05	3.2738E-05	1.05E-03	3.42E-08	0.03	1.57E-01	1.79E-10	1,000,000	1.79E-04
169	0.60886	4.8461E-05	2.9506E-05	1.05E-03	3.08E-08	0.03	1.57E-01	1.62E-10	1,000,000	1.62E-04
170	0.55119	4.8461E-05	2.6711E-05	1.05E-03	2.79E-08	0.03	1.57E-01	1.46E-10	1,000,000	1.46E-04
171	0.50253	4.8461E-05	2.4353E-05	1.05E-03	2.55E-08	0.03	1.57E-01	1.33E-10	1,000,000	1.33E-04
172	0.64006	4.8461E-05	3.1018E-05	1.05E-03	3.24E-08	0.03	1.57E-01	1.70E-10	1,000,000	1.70E-04
173	0.57945	4.8461E-05	2.8081E-05	1.05E-03	2.93E-08	0.03	1.57E-01	1.54E-10	1,000,000	1.54E-04
174	0.52691	4.8461E-05	2.5534E-05	1.05E-03	2.67E-08	0.03	1.57E-01	1.40E-10	1,000,000	1.40E-04
175	0.48227	4.8461E-05	2.3371E-05	1.05E-03	2.44E-08	0.03	1.57E-01	1.28E-10	1,000,000	1.28E-04
176	0.60439	4.8461E-05	2.9289E-05	1.05E-03	3.06E-08	0.03	1.57E-01	1.60E-10	1,000,000	1.60E-04
177	0.54941	4.8461E-05	2.6625E-05	1.05E-03	2.78E-08	0.03	1.57E-01	1.46E-10	1,000,000	1.46E-04
178	0.50157	4.8461E-05	2.4306E-05	1.05E-03	2.54E-08	0.03	1.57E-01	1.33E-10	1,000,000	1.33E-04
179	0.4608	4.8461E-05	2.2331E-05	1.05E-03	2.33E-08	0.03	1.57E-01	1.22E-10	1,000,000	1.22E-04
180	0.56938	4.8461E-05	2.7593E-05	1.05E-03	2.88E-08	0.03	1.57E-01	1.51E-10	1,000,000	1.51E-04
181	0.51929	4.8461E-05	2.5165E-05	1.05E-03	2.63E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
182	0.47597	4.8461E-05	2.3066E-05	1.05E-03	2.41E-08	0.03	1.57E-01	1.26E-10	1,000,000	1.26E-04
183	0.43885	4.8461E-05	2.1267E-05	1.05E-03	2.22E-08	0.03	1.57E-01	1.16E-10	1,000,000	1.16E-04
184	0.74728	4.8461E-05	3.6214E-05	1.05E-03	3.79E-08	0.03	1.57E-01	1.98E-10	1,000,000	1.98E-04
185	0.6798	4.8461E-05	3.2944E-05	1.05E-03	3.44E-08	0.03	1.57E-01	1.80E-10	1,000,000	1.80E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.61363	4.8461E-05	2.9737E-05	1.05E-03	3.11E-08	0.03	1.57E-01	1.63E-10	1,000,000	1.63E-04
187	0.55742	4.8461E-05	2.7013E-05	1.05E-03	2.82E-08	0.03	1.57E-01	1.48E-10	1,000,000	1.48E-04
188	0.50888	4.8461E-05	2.4661E-05	1.05E-03	2.58E-08	0.03	1.57E-01	1.35E-10	1,000,000	1.35E-04
189	0.70204	4.8461E-05	3.4021E-05	1.05E-03	3.56E-08	0.03	1.57E-01	1.86E-10	1,000,000	1.86E-04
190	0.63297	4.8461E-05	3.0674E-05	1.05E-03	3.21E-08	0.03	1.57E-01	1.68E-10	1,000,000	1.68E-04
191	0.57423	4.8461E-05	2.7828E-05	1.05E-03	2.91E-08	0.03	1.57E-01	1.52E-10	1,000,000	1.52E-04
192	0.52386	4.8461E-05	2.5387E-05	1.05E-03	2.65E-08	0.03	1.57E-01	1.39E-10	1,000,000	1.39E-04
193	0.47966	4.8461E-05	2.3245E-05	1.05E-03	2.43E-08	0.03	1.57E-01	1.27E-10	1,000,000	1.27E-04
194	0.64967	4.8461E-05	3.1483E-05	1.05E-03	3.29E-08	0.03	1.57E-01	1.72E-10	1,000,000	1.72E-04
195	0.5892	4.8461E-05	2.8553E-05	1.05E-03	2.98E-08	0.03	1.57E-01	1.56E-10	1,000,000	1.56E-04
196	0.53698	4.8461E-05	2.6022E-05	1.05E-03	2.72E-08	0.03	1.57E-01	1.42E-10	1,000,000	1.42E-04
197	0.49124	4.8461E-05	2.3806E-05	1.05E-03	2.49E-08	0.03	1.57E-01	1.30E-10	1,000,000	1.30E-04
198	0.45212	4.8461E-05	2.191E-05	1.05E-03	2.29E-08	0.03	1.57E-01	1.20E-10	1,000,000	1.20E-04
199	0.60199	4.8461E-05	2.9173E-05	1.05E-03	3.05E-08	0.03	1.57E-01	1.60E-10	1,000,000	1.60E-04
200	0.54879	4.8461E-05	2.6595E-05	1.05E-03	2.78E-08	0.03	1.57E-01	1.46E-10	1,000,000	1.46E-04
201	0.50215	4.8461E-05	2.4335E-05	1.05E-03	2.54E-08	0.03	1.57E-01	1.33E-10	1,000,000	1.33E-04
202	0.4614	4.8461E-05	2.236E-05	1.05E-03	2.34E-08	0.03	1.57E-01	1.22E-10	1,000,000	1.22E-04
203	0.42646	4.8461E-05	2.0667E-05	1.05E-03	2.16E-08	0.03	1.57E-01	1.13E-10	1,000,000	1.13E-04
204	0.82862	4.8461E-05	4.0156E-05	1.05E-03	4.20E-08	0.03	1.57E-01	2.20E-10	1,000,000	2.20E-04
205	0.55887	4.8461E-05	2.7083E-05	1.05E-03	2.83E-08	0.03	1.57E-01	1.48E-10	1,000,000	1.48E-04
206	0.51188	4.8461E-05	2.4806E-05	1.05E-03	2.59E-08	0.03	1.57E-01	1.36E-10	1,000,000	1.36E-04
207	0.46991	4.8461E-05	2.2772E-05	1.05E-03	2.38E-08	0.03	1.57E-01	1.25E-10	1,000,000	1.25E-04
208	0.43374	4.8461E-05	2.1019E-05	1.05E-03	2.20E-08	0.03	1.57E-01	1.15E-10	1,000,000	1.15E-04
209	0.75188	4.8461E-05	3.6437E-05	1.05E-03	3.81E-08	0.03	1.57E-01	1.99E-10	1,000,000	1.99E-04
210	0.68203	4.8461E-05	3.3052E-05	1.05E-03	3.45E-08	0.03	1.57E-01	1.81E-10	1,000,000	1.81E-04
211	0.62072	4.8461E-05	3.0081E-05	1.05E-03	3.14E-08	0.03	1.57E-01	1.65E-10	1,000,000	1.65E-04
212	0.56723	4.8461E-05	2.7488E-05	1.05E-03	2.87E-08	0.03	1.57E-01	1.50E-10	1,000,000	1.50E-04
213	0.52007	4.8461E-05	2.5203E-05	1.05E-03	2.63E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
214	0.47799	4.8461E-05	2.3164E-05	1.05E-03	2.42E-08	0.03	1.57E-01	1.27E-10	1,000,000	1.27E-04
215	0.44088	4.8461E-05	2.1365E-05	1.05E-03	2.23E-08	0.03	1.57E-01	1.17E-10	1,000,000	1.17E-04
216	0.73989	4.8461E-05	3.5856E-05	1.05E-03	3.75E-08	0.03	1.57E-01	1.96E-10	1,000,000	1.96E-04
217	0.68023	4.8461E-05	3.2964E-05	1.05E-03	3.45E-08	0.03	1.57E-01	1.80E-10	1,000,000	1.80E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.62449	4.8461E-05	3.0263E-05	1.05E-03	3.16E-08	0.03	1.57E-01	1.66E-10	1,000,000	1.66E-04
219	0.57514	4.8461E-05	2.7872E-05	1.05E-03	2.91E-08	0.03	1.57E-01	1.53E-10	1,000,000	1.53E-04
220	0.52995	4.8461E-05	2.5682E-05	1.05E-03	2.68E-08	0.03	1.57E-01	1.41E-10	1,000,000	1.41E-04
221	0.48922	4.8461E-05	2.3708E-05	1.05E-03	2.48E-08	0.03	1.57E-01	1.30E-10	1,000,000	1.30E-04
222	0.6699	4.8461E-05	3.2464E-05	1.05E-03	3.39E-08	0.03	1.57E-01	1.78E-10	1,000,000	1.78E-04
223	0.61932	4.8461E-05	3.0013E-05	1.05E-03	3.14E-08	0.03	1.57E-01	1.64E-10	1,000,000	1.64E-04
224	0.57282	4.8461E-05	2.7759E-05	1.05E-03	2.90E-08	0.03	1.57E-01	1.52E-10	1,000,000	1.52E-04
225	0.53068	4.8461E-05	2.5717E-05	1.05E-03	2.69E-08	0.03	1.57E-01	1.41E-10	1,000,000	1.41E-04
226	0.49145	4.8461E-05	2.3816E-05	1.05E-03	2.49E-08	0.03	1.57E-01	1.30E-10	1,000,000	1.30E-04
227	0.60931	4.8461E-05	2.9528E-05	1.05E-03	3.09E-08	0.03	1.57E-01	1.62E-10	1,000,000	1.62E-04
228	0.56642	4.8461E-05	2.7449E-05	1.05E-03	2.87E-08	0.03	1.57E-01	1.50E-10	1,000,000	1.50E-04
229	0.52722	4.8461E-05	2.5549E-05	1.05E-03	2.67E-08	0.03	1.57E-01	1.40E-10	1,000,000	1.40E-04
230	0.49031	4.8461E-05	2.3761E-05	1.05E-03	2.48E-08	0.03	1.57E-01	1.30E-10	1,000,000	1.30E-04
231	0.55644	4.8461E-05	2.6965E-05	1.05E-03	2.82E-08	0.03	1.57E-01	1.48E-10	1,000,000	1.48E-04
232	0.52057	4.8461E-05	2.5227E-05	1.05E-03	2.64E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
233	0.48684	4.8461E-05	2.3593E-05	1.05E-03	2.47E-08	0.03	1.57E-01	1.29E-10	1,000,000	1.29E-04
234	0.45497	4.8461E-05	2.2048E-05	1.05E-03	2.30E-08	0.03	1.57E-01	1.21E-10	1,000,000	1.21E-04
235	0.51079	4.8461E-05	2.4753E-05	1.05E-03	2.59E-08	0.03	1.57E-01	1.36E-10	1,000,000	1.36E-04
236	0.48019	4.8461E-05	2.327E-05	1.05E-03	2.43E-08	0.03	1.57E-01	1.27E-10	1,000,000	1.27E-04
237	0.4507	4.8461E-05	2.1841E-05	1.05E-03	2.28E-08	0.03	1.57E-01	1.20E-10	1,000,000	1.20E-04
238	0.42339	4.8461E-05	2.0518E-05	1.05E-03	2.14E-08	0.03	1.57E-01	1.12E-10	1,000,000	1.12E-04
239	0.47084	4.8461E-05	2.2817E-05	1.05E-03	2.38E-08	0.03	1.57E-01	1.25E-10	1,000,000	1.25E-04
240	0.44433	4.8461E-05	2.1533E-05	1.05E-03	2.25E-08	0.03	1.57E-01	1.18E-10	1,000,000	1.18E-04
241	0.41867	4.8461E-05	2.0289E-05	1.05E-03	2.12E-08	0.03	1.57E-01	1.11E-10	1,000,000	1.11E-04
242	0.395	4.8461E-05	1.9142E-05	1.05E-03	2.00E-08	0.03	1.57E-01	1.05E-10	1,000,000	1.05E-04
243	0.5954	4.8461E-05	2.8854E-05	1.05E-03	3.02E-08	0.03	1.57E-01	1.58E-10	1,000,000	1.58E-04
244	0.59387	4.8461E-05	2.8779E-05	1.05E-03	3.01E-08	0.03	1.57E-01	1.58E-10	1,000,000	1.58E-04
245	0.58415	4.8461E-05	2.8308E-05	1.05E-03	2.96E-08	0.03	1.57E-01	1.55E-10	1,000,000	1.55E-04
246	0.56765	4.8461E-05	2.7509E-05	1.05E-03	2.88E-08	0.03	1.57E-01	1.51E-10	1,000,000	1.51E-04
247	0.54575	4.8461E-05	2.6447E-05	1.05E-03	2.76E-08	0.03	1.57E-01	1.45E-10	1,000,000	1.45E-04
248	0.52163	4.8461E-05	2.5279E-05	1.05E-03	2.64E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
249	0.49605	4.8461E-05	2.4039E-05	1.05E-03	2.51E-08	0.03	1.57E-01	1.32E-10	1,000,000	1.32E-04
250	0.54289	4.8461E-05	2.6309E-05	1.05E-03	2.75E-08	0.03	1.57E-01	1.44E-10	1,000,000	1.44E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
251	0.54115	4.8461E-05	2.6225E-05	1.05E-03	2.74E-08	0.03	1.57E-01	1.44E-10	1,000,000	1.44E-04
252	0.53265	4.8461E-05	2.5813E-05	1.05E-03	2.70E-08	0.03	1.57E-01	1.41E-10	1,000,000	1.41E-04
253	0.51851	4.8461E-05	2.5127E-05	1.05E-03	2.63E-08	0.03	1.57E-01	1.38E-10	1,000,000	1.38E-04
254	0.49978	4.8461E-05	2.422E-05	1.05E-03	2.53E-08	0.03	1.57E-01	1.33E-10	1,000,000	1.33E-04
255	0.47911	4.8461E-05	2.3218E-05	1.05E-03	2.43E-08	0.03	1.57E-01	1.27E-10	1,000,000	1.27E-04
256	0.45663	4.8461E-05	2.2129E-05	1.05E-03	2.31E-08	0.03	1.57E-01	1.21E-10	1,000,000	1.21E-04
257	0.49771	4.8461E-05	2.4119E-05	1.05E-03	2.52E-08	0.03	1.57E-01	1.32E-10	1,000,000	1.32E-04
258	0.49582	4.8461E-05	2.4028E-05	1.05E-03	2.51E-08	0.03	1.57E-01	1.32E-10	1,000,000	1.32E-04
259	0.4883	4.8461E-05	2.3663E-05	1.05E-03	2.47E-08	0.03	1.57E-01	1.30E-10	1,000,000	1.30E-04
260	0.47608	4.8461E-05	2.3071E-05	1.05E-03	2.41E-08	0.03	1.57E-01	1.26E-10	1,000,000	1.26E-04
261	0.45994	4.8461E-05	2.2289E-05	1.05E-03	2.33E-08	0.03	1.57E-01	1.22E-10	1,000,000	1.22E-04
262	0.442	4.8461E-05	2.142E-05	1.05E-03	2.24E-08	0.03	1.57E-01	1.17E-10	1,000,000	1.17E-04
263	0.42262	4.8461E-05	2.048E-05	1.05E-03	2.14E-08	0.03	1.57E-01	1.12E-10	1,000,000	1.12E-04
264	0.45871	4.8461E-05	2.2229E-05	1.05E-03	2.32E-08	0.03	1.57E-01	1.22E-10	1,000,000	1.22E-04
265	0.4566	4.8461E-05	2.2127E-05	1.05E-03	2.31E-08	0.03	1.57E-01	1.21E-10	1,000,000	1.21E-04
266	0.44981	4.8461E-05	2.1798E-05	1.05E-03	2.28E-08	0.03	1.57E-01	1.19E-10	1,000,000	1.19E-04
267	0.43914	4.8461E-05	2.1281E-05	1.05E-03	2.22E-08	0.03	1.57E-01	1.17E-10	1,000,000	1.17E-04
268	0.42551	4.8461E-05	2.0621E-05	1.05E-03	2.16E-08	0.03	1.57E-01	1.13E-10	1,000,000	1.13E-04
269	0.40974	4.8461E-05	1.9856E-05	1.05E-03	2.08E-08	0.03	1.57E-01	1.09E-10	1,000,000	1.09E-04
270	0.39273	4.8461E-05	1.9032E-05	1.05E-03	1.99E-08	0.03	1.57E-01	1.04E-10	1,000,000	1.04E-04
271	0.4244	4.8461E-05	2.0567E-05	1.05E-03	2.15E-08	0.03	1.57E-01	1.13E-10	1,000,000	1.13E-04
272	0.42226	4.8461E-05	2.0463E-05	1.05E-03	2.14E-08	0.03	1.57E-01	1.12E-10	1,000,000	1.12E-04
273	0.41615	4.8461E-05	2.0167E-05	1.05E-03	2.11E-08	0.03	1.57E-01	1.10E-10	1,000,000	1.10E-04
274	0.40674	4.8461E-05	1.9711E-05	1.05E-03	2.06E-08	0.03	1.57E-01	1.08E-10	1,000,000	1.08E-04
275	0.39477	4.8461E-05	1.9131E-05	1.05E-03	2.00E-08	0.03	1.57E-01	1.05E-10	1,000,000	1.05E-04
276	0.38109	4.8461E-05	1.8468E-05	1.05E-03	1.93E-08	0.03	1.57E-01	1.01E-10	1,000,000	1.01E-04
277	0.36598	4.8461E-05	1.7736E-05	1.05E-03	1.85E-08	0.03	1.57E-01	9.71E-11	1,000,000	9.71E-05
278	0.29807	4.8461E-05	1.4445E-05	1.05E-03	1.51E-08	0.03	1.57E-01	7.91E-11	1,000,000	7.91E-05
279	0.30808	4.8461E-05	1.493E-05	1.05E-03	1.56E-08	0.03	1.57E-01	8.17E-11	1,000,000	8.17E-05
280	0.33595	4.8461E-05	1.628E-05	1.05E-03	1.70E-08	0.03	1.57E-01	8.91E-11	1,000,000	8.91E-05
281	0.33058	4.8461E-05	1.602E-05	1.05E-03	1.67E-08	0.03	1.57E-01	8.77E-11	1,000,000	8.77E-05
282	0.36233	4.8461E-05	1.7559E-05	1.05E-03	1.84E-08	0.03	1.57E-01	9.61E-11	1,000,000	9.61E-05
283	0.30388	4.8461E-05	1.4726E-05	1.05E-03	1.54E-08	0.03	1.57E-01	8.06E-11	1,000,000	8.06E-05

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	1.63921	4.8461E-05	7.9437E-05	6.05E-04	4.81E-08	0.03	4.71E-02	7.55E-11	1,000,000	7.55E-05
27	1.78809	4.8461E-05	8.6652E-05	6.05E-04	5.24E-08	0.03	4.71E-02	8.24E-11	1,000,000	8.24E-05
28	1.95103	4.8461E-05	9.4548E-05	6.05E-04	5.72E-08	0.03	4.71E-02	8.99E-11	1,000,000	8.99E-05
29	2.12314	4.8461E-05	0.00010289	6.05E-04	6.23E-08	0.03	4.71E-02	9.78E-11	1,000,000	9.78E-05
30	2.29761	4.8461E-05	0.00011134	6.05E-04	6.74E-08	0.03	4.71E-02	1.06E-10	1,000,000	1.06E-04
31	2.4669	4.8461E-05	0.00011955	6.05E-04	7.23E-08	0.03	4.71E-02	1.14E-10	1,000,000	1.14E-04
32	2.6237	4.8461E-05	0.00012715	6.05E-04	7.69E-08	0.03	4.71E-02	1.21E-10	1,000,000	1.21E-04
33	2.76163	4.8461E-05	0.00013383	6.05E-04	8.10E-08	0.03	4.71E-02	1.27E-10	1,000,000	1.27E-04
34	2.87571	4.8461E-05	0.00013936	6.05E-04	8.43E-08	0.03	4.71E-02	1.33E-10	1,000,000	1.33E-04
35	2.96301	4.8461E-05	0.00014359	6.05E-04	8.69E-08	0.03	4.71E-02	1.37E-10	1,000,000	1.37E-04
36	3.01574	4.8461E-05	0.00014614	6.05E-04	8.84E-08	0.03	4.71E-02	1.39E-10	1,000,000	1.39E-04
37	1.83601	4.8461E-05	8.8974E-05	6.05E-04	5.38E-08	0.03	4.71E-02	8.46E-11	1,000,000	8.46E-05
38	2.0218	4.8461E-05	9.7978E-05	6.05E-04	5.93E-08	0.03	4.71E-02	9.32E-11	1,000,000	9.32E-05
39	2.22709	4.8461E-05	0.00010793	6.05E-04	6.53E-08	0.03	4.71E-02	1.03E-10	1,000,000	1.03E-04
40	2.44436	4.8461E-05	0.00011846	6.05E-04	7.17E-08	0.03	4.71E-02	1.13E-10	1,000,000	1.13E-04
41	2.6629	4.8461E-05	0.00012905	6.05E-04	7.81E-08	0.03	4.71E-02	1.23E-10	1,000,000	1.23E-04
42	2.87135	4.8461E-05	0.00013915	6.05E-04	8.42E-08	0.03	4.71E-02	1.32E-10	1,000,000	1.32E-04
43	3.05951	4.8461E-05	0.00014827	6.05E-04	8.97E-08	0.03	4.71E-02	1.41E-10	1,000,000	1.41E-04
44	3.21961	4.8461E-05	0.00015602	6.05E-04	9.44E-08	0.03	4.71E-02	1.48E-10	1,000,000	1.48E-04
45	3.34655	4.8461E-05	0.00016218	6.05E-04	9.81E-08	0.03	4.71E-02	1.54E-10	1,000,000	1.54E-04
46	3.43813	4.8461E-05	0.00016661	6.05E-04	1.01E-07	0.03	4.71E-02	1.58E-10	1,000,000	1.58E-04
47	3.48574	4.8461E-05	0.00016892	6.05E-04	1.02E-07	0.03	4.71E-02	1.61E-10	1,000,000	1.61E-04
48	2.0761	4.8461E-05	0.00010061	6.05E-04	6.09E-08	0.03	4.71E-02	9.57E-11	1,000,000	9.57E-05
49	2.31363	4.8461E-05	0.00011212	6.05E-04	6.78E-08	0.03	4.71E-02	1.07E-10	1,000,000	1.07E-04
50	2.57928	4.8461E-05	0.00012499	6.05E-04	7.56E-08	0.03	4.71E-02	1.19E-10	1,000,000	1.19E-04
51	2.86044	4.8461E-05	0.00013862	6.05E-04	8.39E-08	0.03	4.71E-02	1.32E-10	1,000,000	1.32E-04
52	3.13931	4.8461E-05	0.00015213	6.05E-04	9.21E-08	0.03	4.71E-02	1.45E-10	1,000,000	1.45E-04
53	3.39837	4.8461E-05	0.00016469	6.05E-04	9.96E-08	0.03	4.71E-02	1.57E-10	1,000,000	1.57E-04
54	3.62418	4.8461E-05	0.00017563	6.05E-04	1.06E-07	0.03	4.71E-02	1.67E-10	1,000,000	1.67E-04
55	3.80854	4.8461E-05	0.00018456	6.05E-04	1.12E-07	0.03	4.71E-02	1.75E-10	1,000,000	1.75E-04
56	3.94738	4.8461E-05	0.00019129	6.05E-04	1.16E-07	0.03	4.71E-02	1.82E-10	1,000,000	1.82E-04
57	4.04026	4.8461E-05	0.00019579	6.05E-04	1.18E-07	0.03	4.71E-02	1.86E-10	1,000,000	1.86E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	4.07766	4.8461E-05	0.00019761	6.05E-04	1.20E-07	0.03	4.71E-02	1.88E-10	1,000,000	1.88E-04
59	2.37521	4.8461E-05	0.0001151	6.05E-04	6.96E-08	0.03	4.71E-02	1.09E-10	1,000,000	1.09E-04
60	2.68881	4.8461E-05	0.0001303	6.05E-04	7.88E-08	0.03	4.71E-02	1.24E-10	1,000,000	1.24E-04
61	3.04488	4.8461E-05	0.00014756	6.05E-04	8.93E-08	0.03	4.71E-02	1.40E-10	1,000,000	1.40E-04
62	3.41997	4.8461E-05	0.00016573	6.05E-04	1.00E-07	0.03	4.71E-02	1.58E-10	1,000,000	1.58E-04
63	3.78244	4.8461E-05	0.0001833	6.05E-04	1.11E-07	0.03	4.71E-02	1.74E-10	1,000,000	1.74E-04
64	4.10586	4.8461E-05	0.00019897	6.05E-04	1.20E-07	0.03	4.71E-02	1.89E-10	1,000,000	1.89E-04
65	4.37509	4.8461E-05	0.00021202	6.05E-04	1.28E-07	0.03	4.71E-02	2.02E-10	1,000,000	2.02E-04
66	4.58422	4.8461E-05	0.00022215	6.05E-04	1.34E-07	0.03	4.71E-02	2.11E-10	1,000,000	2.11E-04
67	4.7323	4.8461E-05	0.00022933	6.05E-04	1.39E-07	0.03	4.71E-02	2.18E-10	1,000,000	2.18E-04
68	4.82191	4.8461E-05	0.00023367	6.05E-04	1.41E-07	0.03	4.71E-02	2.22E-10	1,000,000	2.22E-04
69	4.84209	4.8461E-05	0.00023465	6.05E-04	1.42E-07	0.03	4.71E-02	2.23E-10	1,000,000	2.23E-04
70	2.75828	4.8461E-05	0.00013367	6.05E-04	8.09E-08	0.03	4.71E-02	1.27E-10	1,000,000	1.27E-04
71	3.19143	4.8461E-05	0.00015466	6.05E-04	9.36E-08	0.03	4.71E-02	1.47E-10	1,000,000	1.47E-04
72	3.69284	4.8461E-05	0.00017896	6.05E-04	1.08E-07	0.03	4.71E-02	1.70E-10	1,000,000	1.70E-04
73	4.21215	4.8461E-05	0.00020412	6.05E-04	1.24E-07	0.03	4.71E-02	1.94E-10	1,000,000	1.94E-04
74	4.68999	4.8461E-05	0.00022728	6.05E-04	1.38E-07	0.03	4.71E-02	2.16E-10	1,000,000	2.16E-04
75	5.09165	4.8461E-05	0.00024675	6.05E-04	1.49E-07	0.03	4.71E-02	2.35E-10	1,000,000	2.35E-04
76	5.40752	4.8461E-05	0.00026205	6.05E-04	1.59E-07	0.03	4.71E-02	2.49E-10	1,000,000	2.49E-04
77	5.63936	4.8461E-05	0.00027329	6.05E-04	1.65E-07	0.03	4.71E-02	2.60E-10	1,000,000	2.60E-04
78	5.79182	4.8461E-05	0.00028068	6.05E-04	1.70E-07	0.03	4.71E-02	2.67E-10	1,000,000	2.67E-04
79	5.87192	4.8461E-05	0.00028456	6.05E-04	1.72E-07	0.03	4.71E-02	2.71E-10	1,000,000	2.71E-04
80	5.86563	4.8461E-05	0.00028425	6.05E-04	1.72E-07	0.03	4.71E-02	2.70E-10	1,000,000	2.70E-04
81	3.26767	4.8461E-05	0.00015835	6.05E-04	9.58E-08	0.03	4.71E-02	1.51E-10	1,000,000	1.51E-04
82	3.90892	4.8461E-05	0.00018943	6.05E-04	1.15E-07	0.03	4.71E-02	1.80E-10	1,000,000	1.80E-04
83	4.6694	4.8461E-05	0.00022628	6.05E-04	1.37E-07	0.03	4.71E-02	2.15E-10	1,000,000	2.15E-04
84	5.41829	4.8461E-05	0.00026257	6.05E-04	1.59E-07	0.03	4.71E-02	2.50E-10	1,000,000	2.50E-04
85	6.04791	4.8461E-05	0.00029309	6.05E-04	1.77E-07	0.03	4.71E-02	2.79E-10	1,000,000	2.79E-04
86	6.53637	4.8461E-05	0.00031676	6.05E-04	1.92E-07	0.03	4.71E-02	3.01E-10	1,000,000	3.01E-04
87	6.89697	4.8461E-05	0.00033423	6.05E-04	2.02E-07	0.03	4.71E-02	3.18E-10	1,000,000	3.18E-04
88	7.14593	4.8461E-05	0.0003463	6.05E-04	2.10E-07	0.03	4.71E-02	3.29E-10	1,000,000	3.29E-04
89	7.29544	4.8461E-05	0.00035354	6.05E-04	2.14E-07	0.03	4.71E-02	3.36E-10	1,000,000	3.36E-04
90	7.35824	4.8461E-05	0.00035659	6.05E-04	2.16E-07	0.03	4.71E-02	3.39E-10	1,000,000	3.39E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	7.31381	4.8461E-05	0.00035443	6.05E-04	2.14E-07	0.03	4.71E-02	3.37E-10	1,000,000	3.37E-04
92	3.98043	4.8461E-05	0.00019289	6.05E-04	1.17E-07	0.03	4.71E-02	1.83E-10	1,000,000	1.83E-04
93	5.05099	4.8461E-05	0.00024477	6.05E-04	1.48E-07	0.03	4.71E-02	2.33E-10	1,000,000	2.33E-04
94	6.34998	4.8461E-05	0.00030772	6.05E-04	1.86E-07	0.03	4.71E-02	2.93E-10	1,000,000	2.93E-04
95	7.45608	4.8461E-05	0.00036133	6.05E-04	2.19E-07	0.03	4.71E-02	3.44E-10	1,000,000	3.44E-04
96	8.25834	4.8461E-05	0.00040021	6.05E-04	2.42E-07	0.03	4.71E-02	3.81E-10	1,000,000	3.81E-04
97	8.82942	4.8461E-05	0.00042788	6.05E-04	2.59E-07	0.03	4.71E-02	4.07E-10	1,000,000	4.07E-04
98	9.22529	4.8461E-05	0.00044706	6.05E-04	2.71E-07	0.03	4.71E-02	4.25E-10	1,000,000	4.25E-04
99	9.48125	4.8461E-05	0.00045947	6.05E-04	2.78E-07	0.03	4.71E-02	4.37E-10	1,000,000	4.37E-04
100	9.61705	4.8461E-05	0.00046605	6.05E-04	2.82E-07	0.03	4.71E-02	4.43E-10	1,000,000	4.43E-04
101	9.65285	4.8461E-05	0.00046778	6.05E-04	2.83E-07	0.03	4.71E-02	4.45E-10	1,000,000	4.45E-04
102	9.55678	4.8461E-05	0.00046313	6.05E-04	2.80E-07	0.03	4.71E-02	4.40E-10	1,000,000	4.40E-04
103	10.41061	4.8461E-05	0.00050451	6.05E-04	3.05E-07	0.03	4.71E-02	4.80E-10	1,000,000	4.80E-04
104	11.39065	4.8461E-05	0.000552	6.05E-04	3.34E-07	0.03	4.71E-02	5.25E-10	1,000,000	5.25E-04
105	12.50906	4.8461E-05	0.0006062	6.05E-04	3.67E-07	0.03	4.71E-02	5.76E-10	1,000,000	5.76E-04
106	12.8582	4.8461E-05	0.00062312	6.05E-04	3.77E-07	0.03	4.71E-02	5.92E-10	1,000,000	5.92E-04
107	13.72411	4.8461E-05	0.00066508	6.05E-04	4.02E-07	0.03	4.71E-02	6.32E-10	1,000,000	6.32E-04
108	13.82658	4.8461E-05	0.00067005	6.05E-04	4.05E-07	0.03	4.71E-02	6.37E-10	1,000,000	6.37E-04
109	13.81354	4.8461E-05	0.00066941	6.05E-04	4.05E-07	0.03	4.71E-02	6.36E-10	1,000,000	6.36E-04
110	13.65891	4.8461E-05	0.00066192	6.05E-04	4.01E-07	0.03	4.71E-02	6.29E-10	1,000,000	6.29E-04
111	8.97732	4.8461E-05	0.00043505	6.05E-04	2.63E-07	0.03	4.71E-02	4.14E-10	1,000,000	4.14E-04
112	6.47812	4.8461E-05	0.00031393	6.05E-04	1.90E-07	0.03	4.71E-02	2.98E-10	1,000,000	2.98E-04

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	**Conc**	**g/sec**	**Cair**	**Dose Constant**	**Dose**	**ED**	**Risk Constant**	**Risk**	**Constant 2**	**Risk/ Million**
					School - Teacher					
26	1.63921	4.8461E-05	7.9437E-05	2.50E-04	1.99E-08	0.03	1.57E-02	1.04E-11	1,000,000	1.04E-05
27	1.78809	4.8461E-05	8.6652E-05	2.50E-04	2.17E-08	0.03	1.57E-02	1.14E-11	1,000,000	1.14E-05
28	1.95103	4.8461E-05	9.4548E-05	2.50E-04	2.37E-08	0.03	1.57E-02	1.24E-11	1,000,000	1.24E-05
29	2.12314	4.8461E-05	0.00010289	2.50E-04	2.58E-08	0.03	1.57E-02	1.35E-11	1,000,000	1.35E-05
30	2.29761	4.8461E-05	0.00011134	2.50E-04	2.79E-08	0.03	1.57E-02	1.46E-11	1,000,000	1.46E-05
31	2.4669	4.8461E-05	0.00011955	2.50E-04	2.99E-08	0.03	1.57E-02	1.57E-11	1,000,000	1.57E-05
32	2.6237	4.8461E-05	0.00012715	2.50E-04	3.18E-08	0.03	1.57E-02	1.67E-11	1,000,000	1.67E-05
33	2.76163	4.8461E-05	0.00013383	2.50E-04	3.35E-08	0.03	1.57E-02	1.75E-11	1,000,000	1.75E-05
34	2.87571	4.8461E-05	0.00013936	2.50E-04	3.49E-08	0.03	1.57E-02	1.83E-11	1,000,000	1.83E-05
35	2.96301	4.8461E-05	0.00014359	2.50E-04	3.59E-08	0.03	1.57E-02	1.88E-11	1,000,000	1.88E-05
36	3.01574	4.8461E-05	0.00014614	2.50E-04	3.66E-08	0.03	1.57E-02	1.92E-11	1,000,000	1.92E-05
37	1.83601	4.8461E-05	8.8974E-05	2.50E-04	2.23E-08	0.03	1.57E-02	1.17E-11	1,000,000	1.17E-05
38	2.0218	4.8461E-05	9.7978E-05	2.50E-04	2.45E-08	0.03	1.57E-02	1.28E-11	1,000,000	1.28E-05
39	2.22709	4.8461E-05	0.00010793	2.50E-04	2.70E-08	0.03	1.57E-02	1.41E-11	1,000,000	1.41E-05
40	2.44436	4.8461E-05	0.00011846	2.50E-04	2.96E-08	0.03	1.57E-02	1.55E-11	1,000,000	1.55E-05
41	2.6629	4.8461E-05	0.00012905	2.50E-04	3.23E-08	0.03	1.57E-02	1.69E-11	1,000,000	1.69E-05
42	2.87135	4.8461E-05	0.00013915	2.50E-04	3.48E-08	0.03	1.57E-02	1.82E-11	1,000,000	1.82E-05
43	3.05951	4.8461E-05	0.00014827	2.50E-04	3.71E-08	0.03	1.57E-02	1.94E-11	1,000,000	1.94E-05
44	3.21961	4.8461E-05	0.00015602	2.50E-04	3.90E-08	0.03	1.57E-02	2.05E-11	1,000,000	2.05E-05
45	3.34655	4.8461E-05	0.00016218	2.50E-04	4.06E-08	0.03	1.57E-02	2.13E-11	1,000,000	2.13E-05
46	3.43813	4.8461E-05	0.00016661	2.50E-04	4.17E-08	0.03	1.57E-02	2.18E-11	1,000,000	2.18E-05
47	3.48574	4.8461E-05	0.00016892	2.50E-04	4.23E-08	0.03	1.57E-02	2.21E-11	1,000,000	2.21E-05
48	2.0761	4.8461E-05	0.00010061	2.50E-04	2.52E-08	0.03	1.57E-02	1.32E-11	1,000,000	1.32E-05
49	2.31363	4.8461E-05	0.00011212	2.50E-04	2.81E-08	0.03	1.57E-02	1.47E-11	1,000,000	1.47E-05
50	2.57928	4.8461E-05	0.00012499	2.50E-04	3.13E-08	0.03	1.57E-02	1.64E-11	1,000,000	1.64E-05
51	2.86044	4.8461E-05	0.00013862	2.50E-04	3.47E-08	0.03	1.57E-02	1.82E-11	1,000,000	1.82E-05
52	3.13931	4.8461E-05	0.00015213	2.50E-04	3.81E-08	0.03	1.57E-02	1.99E-11	1,000,000	1.99E-05
53	3.39837	4.8461E-05	0.00016469	2.50E-04	4.12E-08	0.03	1.57E-02	2.16E-11	1,000,000	2.16E-05
54	3.62418	4.8461E-05	0.00017563	2.50E-04	4.40E-08	0.03	1.57E-02	2.30E-11	1,000,000	2.30E-05
55	3.80854	4.8461E-05	0.00018456	2.50E-04	4.62E-08	0.03	1.57E-02	2.42E-11	1,000,000	2.42E-05
56	3.94738	4.8461E-05	0.00019129	2.50E-04	4.79E-08	0.03	1.57E-02	2.51E-11	1,000,000	2.51E-05
57	4.04026	4.8461E-05	0.00019579	2.50E-04	4.90E-08	0.03	1.57E-02	2.57E-11	1,000,000	2.57E-05
58	4.07766	4.8461E-05	0.00019761	2.50E-04	4.95E-08	0.03	1.57E-02	2.59E-11	1,000,000	2.59E-05
59	2.37521	4.8461E-05	0.0001151	2.50E-04	2.88E-08	0.03	1.57E-02	1.51E-11	1,000,000	1.51E-05
60	2.68881	4.8461E-05	0.0001303	2.50E-04	3.26E-08	0.03	1.57E-02	1.71E-11	1,000,000	1.71E-05
61	3.04488	4.8461E-05	0.00014756	2.50E-04	3.69E-08	0.03	1.57E-02	1.93E-11	1,000,000	1.93E-05
62	3.41997	4.8461E-05	0.00016573	2.50E-04	4.15E-08	0.03	1.57E-02	2.17E-11	1,000,000	2.17E-05
63	3.78244	4.8461E-05	0.0001833	2.50E-04	4.59E-08	0.03	1.57E-02	2.40E-11	1,000,000	2.40E-05
64	4.10586	4.8461E-05	0.00019897	2.50E-04	4.98E-08	0.03	1.57E-02	2.61E-11	1,000,000	2.61E-05
65	4.37509	4.8461E-05	0.00021202	2.50E-04	5.31E-08	0.03	1.57E-02	2.78E-11	1,000,000	2.78E-05

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	4.58422	4.8461E-05	0.00022215	2.50E-04	5.56E-08	0.03	1.57E-02	2.91E-11	1,000,000	2.91E-05
67	4.7323	4.8461E-05	0.00022933	2.50E-04	5.74E-08	0.03	1.57E-02	3.01E-11	1,000,000	3.01E-05
68	4.82191	4.8461E-05	0.00023367	2.50E-04	5.85E-08	0.03	1.57E-02	3.06E-11	1,000,000	3.06E-05
69	4.84209	4.8461E-05	0.00023465	2.50E-04	5.87E-08	0.03	1.57E-02	3.08E-11	1,000,000	3.08E-05
70	2.75828	4.8461E-05	0.00013367	2.50E-04	3.35E-08	0.03	1.57E-02	1.75E-11	1,000,000	1.75E-05
71	3.19143	4.8461E-05	0.00015466	2.50E-04	3.87E-08	0.03	1.57E-02	2.03E-11	1,000,000	2.03E-05
72	3.69284	4.8461E-05	0.00017896	2.50E-04	4.48E-08	0.03	1.57E-02	2.35E-11	1,000,000	2.35E-05
73	4.21215	4.8461E-05	0.00020412	2.50E-04	5.11E-08	0.03	1.57E-02	2.68E-11	1,000,000	2.68E-05
74	4.68999	4.8461E-05	0.00022728	2.50E-04	5.69E-08	0.03	1.57E-02	2.98E-11	1,000,000	2.98E-05
75	5.09165	4.8461E-05	0.00024675	2.50E-04	6.18E-08	0.03	1.57E-02	3.23E-11	1,000,000	3.23E-05
76	5.40752	4.8461E-05	0.00026205	2.50E-04	6.56E-08	0.03	1.57E-02	3.44E-11	1,000,000	3.44E-05
77	5.63936	4.8461E-05	0.00027329	2.50E-04	6.84E-08	0.03	1.57E-02	3.58E-11	1,000,000	3.58E-05
78	5.79182	4.8461E-05	0.00028068	2.50E-04	7.02E-08	0.03	1.57E-02	3.68E-11	1,000,000	3.68E-05
79	5.87192	4.8461E-05	0.00028456	2.50E-04	7.12E-08	0.03	1.57E-02	3.73E-11	1,000,000	3.73E-05
80	5.86563	4.8461E-05	0.00028425	2.50E-04	7.11E-08	0.03	1.57E-02	3.73E-11	1,000,000	3.73E-05
81	3.26767	4.8461E-05	0.00015835	2.50E-04	3.96E-08	0.03	1.57E-02	2.08E-11	1,000,000	2.08E-05
82	3.90892	4.8461E-05	0.00018943	2.50E-04	4.74E-08	0.03	1.57E-02	2.48E-11	1,000,000	2.48E-05
83	4.6694	4.8461E-05	0.00022628	2.50E-04	5.66E-08	0.03	1.57E-02	2.97E-11	1,000,000	2.97E-05
84	5.41829	4.8461E-05	0.00026257	2.50E-04	6.57E-08	0.03	1.57E-02	3.44E-11	1,000,000	3.44E-05
85	6.04791	4.8461E-05	0.00029309	2.50E-04	7.34E-08	0.03	1.57E-02	3.84E-11	1,000,000	3.84E-05
86	6.53637	4.8461E-05	0.00031676	2.50E-04	7.93E-08	0.03	1.57E-02	4.15E-11	1,000,000	4.15E-05
87	6.89697	4.8461E-05	0.00033423	2.50E-04	8.36E-08	0.03	1.57E-02	4.38E-11	1,000,000	4.38E-05
88	7.14593	4.8461E-05	0.0003463	2.50E-04	8.67E-08	0.03	1.57E-02	4.54E-11	1,000,000	4.54E-05
89	7.29544	4.8461E-05	0.00035354	2.50E-04	8.85E-08	0.03	1.57E-02	4.63E-11	1,000,000	4.63E-05
90	7.35824	4.8461E-05	0.00035659	2.50E-04	8.92E-08	0.03	1.57E-02	4.67E-11	1,000,000	4.67E-05
91	7.31381	4.8461E-05	0.00035443	2.50E-04	8.87E-08	0.03	1.57E-02	4.65E-11	1,000,000	4.65E-05
92	3.98043	4.8461E-05	0.00019289	2.50E-04	4.83E-08	0.03	1.57E-02	2.53E-11	1,000,000	2.53E-05
93	5.05099	4.8461E-05	0.00024477	2.50E-04	6.13E-08	0.03	1.57E-02	3.21E-11	1,000,000	3.21E-05
94	6.34998	4.8461E-05	0.00030772	2.50E-04	7.70E-08	0.03	1.57E-02	4.03E-11	1,000,000	4.03E-05
95	7.45608	4.8461E-05	0.00036133	2.50E-04	9.04E-08	0.03	1.57E-02	4.74E-11	1,000,000	4.74E-05
96	8.25834	4.8461E-05	0.00040021	2.50E-04	1.00E-07	0.03	1.57E-02	5.25E-11	1,000,000	5.25E-05
97	8.82942	4.8461E-05	0.00042788	2.50E-04	1.07E-07	0.03	1.57E-02	5.61E-11	1,000,000	5.61E-05
98	9.22529	4.8461E-05	0.00044706	2.50E-04	1.12E-07	0.03	1.57E-02	5.86E-11	1,000,000	5.86E-05
99	9.48125	4.8461E-05	0.00045947	2.50E-04	1.15E-07	0.03	1.57E-02	6.02E-11	1,000,000	6.02E-05
100	9.61705	4.8461E-05	0.00046605	2.50E-04	1.17E-07	0.03	1.57E-02	6.11E-11	1,000,000	6.11E-05
101	9.65285	4.8461E-05	0.00046778	2.50E-04	1.17E-07	0.03	1.57E-02	6.13E-11	1,000,000	6.13E-05
102	9.55678	4.8461E-05	0.00046313	2.50E-04	1.16E-07	0.03	1.57E-02	6.07E-11	1,000,000	6.07E-05
103	10.41061	4.8461E-05	0.00050451	2.50E-04	1.26E-07	0.03	1.57E-02	6.61E-11	1,000,000	6.61E-05
104	11.39065	4.8461E-05	0.000552	2.50E-04	1.38E-07	0.03	1.57E-02	7.24E-11	1,000,000	7.24E-05
105	12.50906	4.8461E-05	0.0006062	2.50E-04	1.52E-07	0.03	1.57E-02	7.95E-11	1,000,000	7.95E-05
106	12.8582	4.8461E-05	0.00062312	2.50E-04	1.56E-07	0.03	1.57E-02	8.17E-11	1,000,000	8.17E-05
107	13.72411	4.8461E-05	0.00066508	2.50E-04	1.66E-07	0.03	1.57E-02	8.72E-11	1,000,000	8.72E-05

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

		Cancer Risk From SPG - Birth to 2 years								
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	13.82658	4.8461E-05	0.00067005	2.50E-04	1.68E-07	0.03	1.57E-02	8.78E-11	1,000,000	8.78E-05
109	13.81354	4.8461E-05	0.00066941	2.50E-04	1.68E-07	0.03	1.57E-02	8.78E-11	1,000,000	8.78E-05
110	13.65891	4.8461E-05	0.00066192	2.50E-04	1.66E-07	0.03	1.57E-02	8.68E-11	1,000,000	8.68E-05
111	8.97732	4.8461E-05	0.00043505	2.50E-04	1.09E-07	0.03	1.57E-02	5.70E-11	1,000,000	5.70E-05
112	6.47812	4.8461E-05	0.00031393	2.50E-04	7.86E-08	0.03	1.57E-02	4.12E-11	1,000,000	4.12E-05

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

Receptor #	Total Risk	Max. Risk				*Chronic Non Cancer Risk*				
			Max	Receptor #		REL	HI	Max	Receptor #	
					Residential Receptors					
1	3.7E-05	School	0.00064	108		5	1.37E-06	1.34E-04	108	School
2	4.0E-05	Res	0.00022	204		5	1.44E-06	8.03E-06	204	Res
3	4.2E-05	Teacher	0.00009	108		5	1.53E-06	1.3E-04	108	Teacher
4	4.4E-05					5	1.62E-06			
5	4.7E-05					5	1.73E-06			
6	3.7E-05					5	1.35E-06			
7	3.9E-05					5	1.42E-06			
8	4.1E-05					5	1.50E-06			
9	4.4E-05					5	1.60E-06			
10	4.6E-05					5	1.70E-06			
11	3.6E-05					5	1.33E-06			
12	3.8E-05					5	1.40E-06			
13	4.0E-05					5	1.48E-06			
14	4.3E-05					5	1.57E-06			
15	4.6E-05					5	1.67E-06			
16	3.6E-05					5	1.30E-06			
17	3.8E-05					5	1.37E-06			
18	4.0E-05					5	1.45E-06			
19	4.2E-05					5	1.54E-06			
20	4.5E-05					5	1.63E-06			
21	3.5E-05					5	1.28E-06			
22	3.7E-05					5	1.35E-06			
23	3.9E-05					5	1.43E-06			
24	4.1E-05					5	1.51E-06			
25	4.4E-05					5	1.60E-06			
113	1.9E-04					5	7.11E-06			
114	1.8E-04					5	6.46E-06			
115	1.6E-04					5	5.88E-06			
116	1.5E-04					5	5.37E-06			
117	2.0E-04					5	7.35E-06			
118	1.8E-04					5	6.63E-06			
119	1.6E-04					5	6.00E-06			

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-04			5	5.45E-06		
121	2.1E-04			5	7.55E-06		
122	1.9E-04			5	6.77E-06		
123	1.7E-04			5	6.09E-06		
124	1.5E-04			5	5.51E-06		
125	2.1E-04			5	7.71E-06		
126	1.9E-04			5	6.87E-06		
127	1.7E-04			5	6.16E-06		
128	1.5E-04			5	5.56E-06		
129	2.1E-04			5	7.82E-06		
130	1.9E-04			5	6.94E-06		
131	1.7E-04			5	6.21E-06		
132	1.5E-04			5	5.59E-06		
133	2.2E-04			5	7.90E-06		
134	1.9E-04			5	6.99E-06		
135	1.7E-04			5	6.24E-06		
136	1.5E-04			5	5.61E-06		
137	2.2E-04			5	7.96E-06		
138	1.7E-04			5	6.27E-06		
139	1.5E-04			5	5.63E-06		
140	2.2E-04			5	7.96E-06		
141	1.9E-04			5	7.02E-06		
142	1.7E-04			5	6.25E-06		
143	1.5E-04			5	5.61E-06		
144	2.2E-04			5	7.90E-06		
145	1.9E-04			5	6.96E-06		
146	1.7E-04			5	6.20E-06		
147	1.5E-04			5	5.57E-06		
148	2.1E-04			5	7.80E-06		
149	1.9E-04			5	6.88E-06		
150	1.7E-04			5	6.13E-06		
151	1.5E-04			5	5.51E-06		
152	2.1E-04			5	7.64E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	1.9E-04			5	6.77E-06		
154	1.7E-04			5	6.04E-06		
155	1.5E-04			5	5.43E-06		
156	2.0E-04			5	7.44E-06		
157	1.8E-04			5	6.61E-06		
158	1.6E-04			5	5.92E-06		
159	1.5E-04			5	5.33E-06		
160	2.0E-04			5	7.18E-06		
161	1.8E-04			5	6.41E-06		
162	1.6E-04			5	5.76E-06		
163	1.4E-04			5	5.21E-06		
164	1.9E-04			5	6.88E-06		
165	1.7E-04			5	6.17E-06		
166	1.5E-04			5	5.56E-06		
167	1.4E-04			5	5.05E-06		
168	1.8E-04			5	6.55E-06		
169	1.6E-04			5	5.90E-06		
170	1.5E-04			5	5.34E-06		
171	1.3E-04			5	4.87E-06		
172	1.7E-04			5	6.20E-06		
173	1.5E-04			5	5.62E-06		
174	1.4E-04			5	5.11E-06		
175	1.3E-04			5	4.67E-06		
176	1.6E-04			5	5.86E-06		
177	1.5E-04			5	5.32E-06		
178	1.3E-04			5	4.86E-06		
179	1.2E-04			5	4.47E-06		
180	1.5E-04			5	5.52E-06		
181	1.4E-04			5	5.03E-06		
182	1.3E-04			5	4.61E-06		
183	1.2E-04			5	4.25E-06		
184	2.0E-04			5	7.24E-06		
185	1.8E-04			5	6.59E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	1.6E-04			5	5.95E-06		
187	1.5E-04			5	5.40E-06		
188	1.4E-04			5	4.93E-06		
189	1.9E-04			5	6.80E-06		
190	1.7E-04			5	6.13E-06		
191	1.5E-04			5	5.57E-06		
192	1.4E-04			5	5.08E-06		
193	1.3E-04			5	4.65E-06		
194	1.7E-04			5	6.30E-06		
195	1.6E-04			5	5.71E-06		
196	1.4E-04			5	5.20E-06		
197	1.3E-04			5	4.76E-06		
198	1.2E-04			5	4.38E-06		
199	1.6E-04			5	5.83E-06		
200	1.5E-04			5	5.32E-06		
201	1.3E-04			5	4.87E-06		
202	1.2E-04			5	4.47E-06		
203	1.1E-04			5	4.13E-06		
204	2.2E-04			5	8.03E-06		
205	1.5E-04			5	5.42E-06		
206	1.4E-04			5	4.96E-06		
207	1.2E-04			5	4.55E-06		
208	1.2E-04			5	4.20E-06		
209	2.0E-04			5	7.29E-06		
210	1.8E-04			5	6.61E-06		
211	1.6E-04			5	6.02E-06		
212	1.5E-04			5	5.50E-06		
213	1.4E-04			5	5.04E-06		
214	1.3E-04			5	4.63E-06		
215	1.2E-04			5	4.27E-06		
216	2.0E-04			5	7.17E-06		
217	1.8E-04			5	6.59E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
218	1.7E-04			5	6.05E-06		
219	1.5E-04			5	5.57E-06		
220	1.4E-04			5	5.14E-06		
221	1.3E-04			5	4.74E-06		
222	1.8E-04			5	6.49E-06		
223	1.6E-04			5	6.00E-06		
224	1.5E-04			5	5.55E-06		
225	1.4E-04			5	5.14E-06		
226	1.3E-04			5	4.76E-06		
227	1.6E-04			5	5.91E-06		
228	1.5E-04			5	5.49E-06		
229	1.4E-04			5	5.11E-06		
230	1.3E-04			5	4.75E-06		
231	1.5E-04			5	5.39E-06		
232	1.4E-04			5	5.05E-06		
233	1.3E-04			5	4.72E-06		
234	1.2E-04			5	4.41E-06		
235	1.4E-04			5	4.95E-06		
236	1.3E-04			5	4.65E-06		
237	1.2E-04			5	4.37E-06		
238	1.1E-04			5	4.10E-06		
239	1.2E-04			5	4.56E-06		
240	1.2E-04			5	4.31E-06		
241	1.1E-04			5	4.06E-06		
242	1.0E-04			5	3.83E-06		
243	1.6E-04			5	5.77E-06		
244	1.6E-04			5	5.76E-06		
245	1.5E-04			5	5.66E-06		
246	1.5E-04			5	5.50E-06		
247	1.4E-04			5	5.29E-06		
248	1.4E-04			5	5.06E-06		
249	1.3E-04			5	4.81E-06		
250	1.4E-04			5	5.26E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
251	1.4E-04			5	5.24E-06		
252	1.4E-04			5	5.16E-06		
253	1.4E-04			5	5.03E-06		
254	1.3E-04			5	4.84E-06		
255	1.3E-04			5	4.64E-06		
256	1.2E-04			5	4.43E-06		
257	1.3E-04			5	4.82E-06		
258	1.3E-04			5	4.81E-06		
259	1.3E-04			5	4.73E-06		
260	1.3E-04			5	4.61E-06		
261	1.2E-04			5	4.46E-06		
262	1.2E-04			5	4.28E-06		
263	1.1E-04			5	4.10E-06		
264	1.2E-04			5	4.45E-06		
265	1.2E-04			5	4.43E-06		
266	1.2E-04			5	4.36E-06		
267	1.2E-04			5	4.26E-06		
268	1.1E-04			5	4.12E-06		
269	1.1E-04			5	3.97E-06		
270	1.0E-04			5	3.81E-06		
271	1.1E-04			5	4.11E-06		
272	1.1E-04			5	4.09E-06		
273	1.1E-04			5	4.03E-06		
274	1.1E-04			5	3.94E-06		
275	1.0E-04			5	3.83E-06		
276	1.0E-04			5	3.69E-06		
277	9.7E-05			5	3.55E-06		
278	7.9E-05			5	2.89E-06		
279	8.2E-05			5	2.99E-06		
280	8.9E-05			5	3.26E-06		
281	8.8E-05			5	3.20E-06		
282	9.6E-05			5	3.51E-06		
283	8.1E-05			5	2.95E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	7.6E-05			5	1.59E-05		
27	8.2E-05			5	1.73E-05		
28	9.0E-05			5	1.89E-05		
29	9.8E-05			5	2.06E-05		
30	1.1E-04			5	2.23E-05		
31	1.1E-04			5	2.39E-05		
32	1.2E-04			5	2.54E-05		
33	1.3E-04			5	2.68E-05		
34	1.3E-04			5	2.79E-05		
35	1.4E-04			5	2.87E-05		
36	1.4E-04			5	2.92E-05		
37	8.5E-05			5	1.78E-05		
38	9.3E-05			5	1.96E-05		
39	1.0E-04			5	2.16E-05		
40	1.1E-04			5	2.37E-05		
41	1.2E-04			5	2.58E-05		
42	1.3E-04			5	2.78E-05		
43	1.4E-04			5	2.97E-05		
44	1.5E-04			5	3.12E-05		
45	1.5E-04			5	3.24E-05		
46	1.6E-04			5	3.33E-05		
47	1.6E-04			5	3.38E-05		
48	9.6E-05			5	2.01E-05		
49	1.1E-04			5	2.24E-05		
50	1.2E-04			5	2.50E-05		
51	1.3E-04			5	2.77E-05		
52	1.4E-04			5	3.04E-05		
53	1.6E-04			5	3.29E-05		
54	1.7E-04			5	3.51E-05		
55	1.8E-04			5	3.69E-05		
56	1.8E-04			5	3.83E-05		
57	1.9E-04			5	3.92E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	1.9E-04			5	3.95E-05		
59	1.1E-04			5	2.30E-05		
60	1.2E-04			5	2.61E-05		
61	1.4E-04			5	2.95E-05		
62	1.6E-04			5	3.31E-05		
63	1.7E-04			5	3.67E-05		
64	1.9E-04			5	3.98E-05		
65	2.0E-04			5	4.24E-05		
66	2.1E-04			5	4.44E-05		
67	2.2E-04			5	4.59E-05		
68	2.2E-04			5	4.67E-05		
69	2.2E-04			5	4.69E-05		
70	1.3E-04			5	2.67E-05		
71	1.5E-04			5	3.09E-05		
72	1.7E-04			5	3.58E-05		
73	1.9E-04			5	4.08E-05		
74	2.2E-04			5	4.55E-05		
75	2.3E-04			5	4.93E-05		
76	2.5E-04			5	5.24E-05		
77	2.6E-04			5	5.47E-05		
78	2.7E-04			5	5.61E-05		
79	2.7E-04			5	5.69E-05		
80	2.7E-04			5	5.69E-05		
81	1.5E-04			5	3.17E-05		
82	1.8E-04			5	3.79E-05		
83	2.2E-04			5	4.53E-05		
84	2.5E-04			5	5.25E-05		
85	2.8E-04			5	5.86E-05		
86	3.0E-04			5	6.34E-05		
87	3.2E-04			5	6.68E-05		
88	3.3E-04			5	6.93E-05		
89	3.4E-04			5	7.07E-05		
90	3.4E-04			5	7.13E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	3.4E-04			5	7.09E-05		
92	1.8E-04			5	3.86E-05		
93	2.3E-04			5	4.90E-05		
94	2.9E-04			5	6.15E-05		
95	3.4E-04			5	7.23E-05		
96	3.8E-04			5	8.00E-05		
97	4.1E-04			5	8.56E-05		
98	4.3E-04			5	8.94E-05		
99	4.4E-04			5	9.19E-05		
100	4.4E-04			5	9.32E-05		
101	4.4E-04			5	9.36E-05		
102	4.4E-04			5	9.26E-05		
103	4.8E-04			5	1.01E-04		
104	5.2E-04			5	1.10E-04		
105	5.8E-04			5	1.21E-04		
106	5.9E-04			5	1.25E-04		
107	6.3E-04			5	1.33E-04		
108	6.4E-04			5	1.34E-04		
109	6.4E-04			5	1.34E-04		
110	6.3E-04			5	1.32E-04		
111	4.1E-04			5	8.70E-05		
112	3.0E-04			5	6.28E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	**Total Risk**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**
			School - Teacher				
26	1.0E-05			5	1.59E-05		
27	1.1E-05			5	1.73E-05		
28	1.2E-05			5	1.89E-05		
29	1.3E-05			5	2.06E-05		
30	1.5E-05			5	2.23E-05		
31	1.6E-05			5	2.39E-05		
32	1.7E-05			5	2.54E-05		
33	1.8E-05			5	2.68E-05		
34	1.8E-05			5	2.79E-05		
35	1.9E-05			5	2.87E-05		
36	1.9E-05			5	2.92E-05		
37	1.2E-05			5	1.78E-05		
38	1.3E-05			5	1.96E-05		
39	1.4E-05			5	2.16E-05		
40	1.6E-05			5	2.37E-05		
41	1.7E-05			5	2.58E-05		
42	1.8E-05			5	2.78E-05		
43	1.9E-05			5	2.97E-05		
44	2.0E-05			5	3.12E-05		
45	2.1E-05			5	3.24E-05		
46	2.2E-05			5	3.33E-05		
47	2.2E-05			5	3.38E-05		
48	1.3E-05			5	2.01E-05		
49	1.5E-05			5	2.24E-05		
50	1.6E-05			5	2.50E-05		
51	1.8E-05			5	2.77E-05		
52	2.0E-05			5	3.04E-05		
53	2.2E-05			5	3.29E-05		
54	2.3E-05			5	3.51E-05		
55	2.4E-05			5	3.69E-05		
56	2.5E-05			5	3.83E-05		
57	2.6E-05			5	3.92E-05		
58	2.6E-05			5	3.95E-05		
59	1.5E-05			5	2.30E-05		
60	1.7E-05			5	2.61E-05		
61	1.9E-05			5	2.95E-05		
62	2.2E-05			5	3.31E-05		
63	2.4E-05			5	3.67E-05		
64	2.6E-05			5	3.98E-05		
65	2.8E-05			5	4.24E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	2.9E-05			5	4.44E-05		
67	3.0E-05			5	4.59E-05		
68	3.1E-05			5	4.67E-05		
69	3.1E-05			5	4.69E-05		
70	1.8E-05			5	2.67E-05		
71	2.0E-05			5	3.09E-05		
72	2.3E-05			5	3.58E-05		
73	2.7E-05			5	4.08E-05		
74	3.0E-05			5	4.55E-05		
75	3.2E-05			5	4.93E-05		
76	3.4E-05			5	5.24E-05		
77	3.6E-05			5	5.47E-05		
78	3.7E-05			5	5.61E-05		
79	3.7E-05			5	5.69E-05		
80	3.7E-05			5	5.69E-05		
81	2.1E-05			5	3.17E-05		
82	2.5E-05			5	3.79E-05		
83	3.0E-05			5	4.53E-05		
84	3.4E-05			5	5.25E-05		
85	3.8E-05			5	5.86E-05		
86	4.2E-05			5	6.34E-05		
87	4.4E-05			5	6.68E-05		
88	4.5E-05			5	6.93E-05		
89	4.6E-05			5	7.07E-05		
90	4.7E-05			5	7.13E-05		
91	4.6E-05			5	7.09E-05		
92	2.5E-05			5	3.86E-05		
93	3.2E-05			5	4.90E-05		
94	4.0E-05			5	6.15E-05		
95	4.7E-05			5	7.23E-05		
96	5.2E-05			5	8.00E-05		
97	5.6E-05			5	8.56E-05		
98	5.9E-05			5	8.94E-05		
99	6.0E-05			5	9.19E-05		
100	6.1E-05			5	9.32E-05		
101	6.1E-05			5	9.36E-05		
102	6.1E-05			5	9.26E-05		
103	6.6E-05			5	1.01E-04		
104	7.2E-05			5	1.10E-04		
105	7.9E-05			5	1.21E-04		
106	8.2E-05			5	1.25E-04		
107	8.7E-05			5	1.33E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Site Prep

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	8.8E-05			5	1.34E-04		
109	8.8E-05			5	1.34E-04		
110	8.7E-05			5	1.32E-04		
111	5.7E-05			5	8.70E-05		
112	4.1E-05			5	6.28E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.14114	**2.42E-04**	3.41E-05	1.05E-03	3.56E-08	0.08	1.57E-01	4.48E-10	1,000,000	4.48E-04
2	0.14905	0.00024156	3.6004E-05	1.05E-03	3.76E-08	0.08	1.57E-01	4.73E-10	1,000,000	4.73E-04
3	0.1579	0.00024156	3.8142E-05	1.05E-03	3.99E-08	0.08	1.57E-01	5.01E-10	1,000,000	5.01E-04
4	0.16744	0.00024156	4.0446E-05	1.05E-03	4.23E-08	0.08	1.57E-01	5.31E-10	1,000,000	5.31E-04
5	0.17809	0.00024156	4.3019E-05	1.05E-03	4.50E-08	0.08	1.57E-01	5.65E-10	1,000,000	5.65E-04
6	0.13902	0.00024156	3.3581E-05	1.05E-03	3.51E-08	0.08	1.57E-01	4.41E-10	1,000,000	4.41E-04
7	0.14667	0.00024156	3.5429E-05	1.05E-03	3.70E-08	0.08	1.57E-01	4.66E-10	1,000,000	4.66E-04
8	0.15512	0.00024156	3.747E-05	1.05E-03	3.92E-08	0.08	1.57E-01	4.92E-10	1,000,000	4.92E-04
9	0.16465	0.00024156	3.9773E-05	1.05E-03	4.16E-08	0.08	1.57E-01	5.23E-10	1,000,000	5.23E-04
10	0.17496	0.00024156	4.2263E-05	1.05E-03	4.42E-08	0.08	1.57E-01	5.55E-10	1,000,000	5.55E-04
11	0.13674	0.00024156	3.3031E-05	1.05E-03	3.45E-08	0.08	1.57E-01	4.34E-10	1,000,000	4.34E-04
12	0.14421	0.00024156	3.4835E-05	1.05E-03	3.64E-08	0.08	1.57E-01	4.58E-10	1,000,000	4.58E-04
13	0.15248	0.00024156	3.6833E-05	1.05E-03	3.85E-08	0.08	1.57E-01	4.84E-10	1,000,000	4.84E-04
14	0.16182	0.00024156	3.9089E-05	1.05E-03	4.09E-08	0.08	1.57E-01	5.14E-10	1,000,000	5.14E-04
15	0.17189	0.00024156	4.1521E-05	1.05E-03	4.34E-08	0.08	1.57E-01	5.46E-10	1,000,000	5.46E-04
16	0.13449	0.00024156	3.2487E-05	1.05E-03	3.40E-08	0.08	1.57E-01	4.27E-10	1,000,000	4.27E-04
17	0.14184	0.00024156	3.4263E-05	1.05E-03	3.58E-08	0.08	1.57E-01	4.50E-10	1,000,000	4.50E-04
18	0.14989	0.00024156	3.6207E-05	1.05E-03	3.78E-08	0.08	1.57E-01	4.76E-10	1,000,000	4.76E-04
19	0.15867	0.00024156	3.8328E-05	1.05E-03	4.01E-08	0.08	1.57E-01	5.04E-10	1,000,000	5.04E-04
20	0.16857	0.00024156	4.0719E-05	1.05E-03	4.26E-08	0.08	1.57E-01	5.35E-10	1,000,000	5.35E-04
21	0.13234	0.00024156	3.1968E-05	1.05E-03	3.34E-08	0.08	1.57E-01	4.20E-10	1,000,000	4.20E-04
22	0.13951	0.00024156	3.37E-05	1.05E-03	3.52E-08	0.08	1.57E-01	4.43E-10	1,000,000	4.43E-04
23	0.1474	0.00024156	3.5606E-05	1.05E-03	3.72E-08	0.08	1.57E-01	4.68E-10	1,000,000	4.68E-04
24	0.15603	0.00024156	3.769E-05	1.05E-03	3.94E-08	0.08	1.57E-01	4.95E-10	1,000,000	4.95E-04
25	0.16546	0.00024156	3.9968E-05	1.05E-03	4.18E-08	0.08	1.57E-01	5.25E-10	1,000,000	5.25E-04
113	0.73392	0.00024156	0.00017728	1.05E-03	1.85E-07	0.08	1.57E-01	2.33E-09	1,000,000	2.33E-03
114	0.66665	0.00024156	0.00016103	1.05E-03	1.68E-07	0.08	1.57E-01	2.12E-09	1,000,000	2.12E-03
115	0.60682	0.00024156	0.00014658	1.05E-03	1.53E-07	0.08	1.57E-01	1.93E-09	1,000,000	1.93E-03
116	0.55381	0.00024156	0.00013378	1.05E-03	1.40E-07	0.08	1.57E-01	1.76E-09	1,000,000	1.76E-03
117	0.75855	0.00024156	0.00018323	1.05E-03	1.92E-07	0.08	1.57E-01	2.41E-09	1,000,000	2.41E-03
118	0.68405	0.00024156	0.00016524	1.05E-03	1.73E-07	0.08	1.57E-01	2.17E-09	1,000,000	2.17E-03
119	0.61905	0.00024156	0.00014954	1.05E-03	1.56E-07	0.08	1.57E-01	1.96E-09	1,000,000	1.96E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.56235	0.00024156	0.00013584	1.05E-03	1.42E-07	0.08	1.57E-01	1.78E-09	1,000,000	1.78E-03
121	0.77902	0.00024156	0.00018818	1.05E-03	1.97E-07	0.08	1.57E-01	2.47E-09	1,000,000	2.47E-03
122	0.69799	0.00024156	0.00016861	1.05E-03	1.76E-07	0.08	1.57E-01	2.22E-09	1,000,000	2.22E-03
123	0.62851	0.00024156	0.00015182	1.05E-03	1.59E-07	0.08	1.57E-01	1.99E-09	1,000,000	1.99E-03
124	0.56876	0.00024156	0.00013739	1.05E-03	1.44E-07	0.08	1.57E-01	1.81E-09	1,000,000	1.81E-03
125	0.79504	0.00024156	0.00019205	1.05E-03	2.01E-07	0.08	1.57E-01	2.52E-09	1,000,000	2.52E-03
126	0.70855	0.00024156	0.00017116	1.05E-03	1.79E-07	0.08	1.57E-01	2.25E-09	1,000,000	2.25E-03
127	0.6355	0.00024156	0.00015351	1.05E-03	1.60E-07	0.08	1.57E-01	2.02E-09	1,000,000	2.02E-03
128	0.57342	0.00024156	0.00013851	1.05E-03	1.45E-07	0.08	1.57E-01	1.82E-09	1,000,000	1.82E-03
129	0.80691	0.00024156	0.00019492	1.05E-03	2.04E-07	0.08	1.57E-01	2.56E-09	1,000,000	2.56E-03
130	0.71623	0.00024156	0.00017301	1.05E-03	1.81E-07	0.08	1.57E-01	2.27E-09	1,000,000	2.27E-03
131	0.64054	0.00024156	0.00015473	1.05E-03	1.62E-07	0.08	1.57E-01	2.03E-09	1,000,000	2.03E-03
132	0.57677	0.00024156	0.00013932	1.05E-03	1.46E-07	0.08	1.57E-01	1.83E-09	1,000,000	1.83E-03
133	0.81537	0.00024156	0.00019696	1.05E-03	2.06E-07	0.08	1.57E-01	2.59E-09	1,000,000	2.59E-03
134	0.72167	0.00024156	0.00017433	1.05E-03	1.82E-07	0.08	1.57E-01	2.29E-09	1,000,000	2.29E-03
135	0.6441	0.00024156	0.00015559	1.05E-03	1.63E-07	0.08	1.57E-01	2.04E-09	1,000,000	2.04E-03
136	0.57915	0.00024156	0.0001399	1.05E-03	1.46E-07	0.08	1.57E-01	1.84E-09	1,000,000	1.84E-03
137	0.82108	0.00024156	0.00019834	1.05E-03	2.07E-07	0.08	1.57E-01	2.61E-09	1,000,000	2.61E-03
138	0.64643	0.00024156	0.00015615	1.05E-03	1.63E-07	0.08	1.57E-01	2.05E-09	1,000,000	2.05E-03
139	0.58067	0.00024156	0.00014027	1.05E-03	1.47E-07	0.08	1.57E-01	1.84E-09	1,000,000	1.84E-03
140	0.82161	0.00024156	0.00019847	1.05E-03	2.07E-07	0.08	1.57E-01	2.61E-09	1,000,000	2.61E-03
141	0.72413	0.00024156	0.00017492	1.05E-03	1.83E-07	0.08	1.57E-01	2.30E-09	1,000,000	2.30E-03
142	0.64444	0.00024156	0.00015567	1.05E-03	1.63E-07	0.08	1.57E-01	2.05E-09	1,000,000	2.05E-03
143	0.57831	0.00024156	0.0001397	1.05E-03	1.46E-07	0.08	1.57E-01	1.84E-09	1,000,000	1.84E-03
144	0.81501	0.00024156	0.00019687	1.05E-03	2.06E-07	0.08	1.57E-01	2.59E-09	1,000,000	2.59E-03
145	0.71862	0.00024156	0.00017359	1.05E-03	1.81E-07	0.08	1.57E-01	2.28E-09	1,000,000	2.28E-03
146	0.63976	0.00024156	0.00015454	1.05E-03	1.62E-07	0.08	1.57E-01	2.03E-09	1,000,000	2.03E-03
147	0.57428	0.00024156	0.00013872	1.05E-03	1.45E-07	0.08	1.57E-01	1.82E-09	1,000,000	1.82E-03
148	0.80431	0.00024156	0.00019429	1.05E-03	2.03E-07	0.08	1.57E-01	2.55E-09	1,000,000	2.55E-03
149	0.71009	0.00024156	0.00017153	1.05E-03	1.79E-07	0.08	1.57E-01	2.25E-09	1,000,000	2.25E-03
150	0.63276	0.00024156	0.00015285	1.05E-03	1.60E-07	0.08	1.57E-01	2.01E-09	1,000,000	2.01E-03
151	0.5684	0.00024156	0.0001373	1.05E-03	1.44E-07	0.08	1.57E-01	1.80E-09	1,000,000	1.80E-03
152	0.78872	0.00024156	0.00019052	1.05E-03	1.99E-07	0.08	1.57E-01	2.50E-09	1,000,000	2.50E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.69804	0.00024156	0.00016862	1.05E-03	1.76E-07	0.08	1.57E-01	2.22E-09	1,000,000	2.22E-03
154	0.62315	0.00024156	0.00015053	1.05E-03	1.57E-07	0.08	1.57E-01	1.98E-09	1,000,000	1.98E-03
155	0.56052	0.00024156	0.0001354	1.05E-03	1.42E-07	0.08	1.57E-01	1.78E-09	1,000,000	1.78E-03
156	0.76754	0.00024156	0.00018541	1.05E-03	1.94E-07	0.08	1.57E-01	2.44E-09	1,000,000	2.44E-03
157	0.68183	0.00024156	0.0001647	1.05E-03	1.72E-07	0.08	1.57E-01	2.16E-09	1,000,000	2.16E-03
158	0.61043	0.00024156	0.00014745	1.05E-03	1.54E-07	0.08	1.57E-01	1.94E-09	1,000,000	1.94E-03
159	0.55031	0.00024156	0.00013293	1.05E-03	1.39E-07	0.08	1.57E-01	1.75E-09	1,000,000	1.75E-03
160	0.74085	0.00024156	0.00017896	1.05E-03	1.87E-07	0.08	1.57E-01	2.35E-09	1,000,000	2.35E-03
161	0.66118	0.00024156	0.00015971	1.05E-03	1.67E-07	0.08	1.57E-01	2.10E-09	1,000,000	2.10E-03
162	0.59423	0.00024156	0.00014354	1.05E-03	1.50E-07	0.08	1.57E-01	1.89E-09	1,000,000	1.89E-03
163	0.53725	0.00024156	0.00012978	1.05E-03	1.36E-07	0.08	1.57E-01	1.71E-09	1,000,000	1.71E-03
164	0.70967	0.00024156	0.00017143	1.05E-03	1.79E-07	0.08	1.57E-01	2.25E-09	1,000,000	2.25E-03
165	0.63651	0.00024156	0.00015375	1.05E-03	1.61E-07	0.08	1.57E-01	2.02E-09	1,000,000	2.02E-03
166	0.57379	0.00024156	0.0001386	1.05E-03	1.45E-07	0.08	1.57E-01	1.82E-09	1,000,000	1.82E-03
167	0.52083	0.00024156	0.00012581	1.05E-03	1.31E-07	0.08	1.57E-01	1.65E-09	1,000,000	1.65E-03
168	0.67556	0.00024156	0.00016319	1.05E-03	1.71E-07	0.08	1.57E-01	2.14E-09	1,000,000	2.14E-03
169	0.60886	0.00024156	0.00014708	1.05E-03	1.54E-07	0.08	1.57E-01	1.93E-09	1,000,000	1.93E-03
170	0.55119	0.00024156	0.00013314	1.05E-03	1.39E-07	0.08	1.57E-01	1.75E-09	1,000,000	1.75E-03
171	0.50253	0.00024156	0.00012139	1.05E-03	1.27E-07	0.08	1.57E-01	1.60E-09	1,000,000	1.60E-03
172	0.64006	0.00024156	0.00015461	1.05E-03	1.62E-07	0.08	1.57E-01	2.03E-09	1,000,000	2.03E-03
173	0.57945	0.00024156	0.00013997	1.05E-03	1.46E-07	0.08	1.57E-01	1.84E-09	1,000,000	1.84E-03
174	0.52691	0.00024156	0.00012728	1.05E-03	1.33E-07	0.08	1.57E-01	1.67E-09	1,000,000	1.67E-03
175	0.48227	0.00024156	0.0001165	1.05E-03	1.22E-07	0.08	1.57E-01	1.53E-09	1,000,000	1.53E-03
176	0.60439	0.00024156	0.000146	1.05E-03	1.53E-07	0.08	1.57E-01	1.92E-09	1,000,000	1.92E-03
177	0.54941	0.00024156	0.00013271	1.05E-03	1.39E-07	0.08	1.57E-01	1.74E-09	1,000,000	1.74E-03
178	0.50157	0.00024156	0.00012116	1.05E-03	1.27E-07	0.08	1.57E-01	1.59E-09	1,000,000	1.59E-03
179	0.4608	0.00024156	0.00011131	1.05E-03	1.16E-07	0.08	1.57E-01	1.46E-09	1,000,000	1.46E-03
180	0.56938	0.00024156	0.00013754	1.05E-03	1.44E-07	0.08	1.57E-01	1.81E-09	1,000,000	1.81E-03
181	0.51929	0.00024156	0.00012544	1.05E-03	1.31E-07	0.08	1.57E-01	1.65E-09	1,000,000	1.65E-03
182	0.47597	0.00024156	0.00011497	1.05E-03	1.20E-07	0.08	1.57E-01	1.51E-09	1,000,000	1.51E-03
183	0.43885	0.00024156	0.00010601	1.05E-03	1.11E-07	0.08	1.57E-01	1.39E-09	1,000,000	1.39E-03
184	0.74728	0.00024156	0.00018051	1.05E-03	1.89E-07	0.08	1.57E-01	2.37E-09	1,000,000	2.37E-03
185	0.6798	0.00024156	0.00016421	1.05E-03	1.72E-07	0.08	1.57E-01	2.16E-09	1,000,000	2.16E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.61363	0.00024156	0.00014823	1.05E-03	1.55E-07	0.08	1.57E-01	1.95E-09	1,000,000	1.95E-03
187	0.55742	0.00024156	0.00013465	1.05E-03	1.41E-07	0.08	1.57E-01	1.77E-09	1,000,000	1.77E-03
188	0.50888	0.00024156	0.00012292	1.05E-03	1.28E-07	0.08	1.57E-01	1.62E-09	1,000,000	1.62E-03
189	0.70204	0.00024156	0.00016958	1.05E-03	1.77E-07	0.08	1.57E-01	2.23E-09	1,000,000	2.23E-03
190	0.63297	0.00024156	0.0001529	1.05E-03	1.60E-07	0.08	1.57E-01	2.01E-09	1,000,000	2.01E-03
191	0.57423	0.00024156	0.00013871	1.05E-03	1.45E-07	0.08	1.57E-01	1.82E-09	1,000,000	1.82E-03
192	0.52386	0.00024156	0.00012654	1.05E-03	1.32E-07	0.08	1.57E-01	1.66E-09	1,000,000	1.66E-03
193	0.47966	0.00024156	0.00011587	1.05E-03	1.21E-07	0.08	1.57E-01	1.52E-09	1,000,000	1.52E-03
194	0.64967	0.00024156	0.00015693	1.05E-03	1.64E-07	0.08	1.57E-01	2.06E-09	1,000,000	2.06E-03
195	0.5892	0.00024156	0.00014233	1.05E-03	1.49E-07	0.08	1.57E-01	1.87E-09	1,000,000	1.87E-03
196	0.53698	0.00024156	0.00012971	1.05E-03	1.36E-07	0.08	1.57E-01	1.70E-09	1,000,000	1.70E-03
197	0.49124	0.00024156	0.00011866	1.05E-03	1.24E-07	0.08	1.57E-01	1.56E-09	1,000,000	1.56E-03
198	0.45212	0.00024156	0.00010921	1.05E-03	1.14E-07	0.08	1.57E-01	1.44E-09	1,000,000	1.44E-03
199	0.60199	0.00024156	0.00014542	1.05E-03	1.52E-07	0.08	1.57E-01	1.91E-09	1,000,000	1.91E-03
200	0.54879	0.00024156	0.00013256	1.05E-03	1.39E-07	0.08	1.57E-01	1.74E-09	1,000,000	1.74E-03
201	0.50215	0.00024156	0.0001213	1.05E-03	1.27E-07	0.08	1.57E-01	1.59E-09	1,000,000	1.59E-03
202	0.4614	0.00024156	0.00011145	1.05E-03	1.16E-07	0.08	1.57E-01	1.46E-09	1,000,000	1.46E-03
203	0.42646	0.00024156	0.00010301	1.05E-03	1.08E-07	0.08	1.57E-01	1.35E-09	1,000,000	1.35E-03
204	0.82862	0.00024156	0.00020016	1.05E-03	2.09E-07	0.08	1.57E-01	2.63E-09	1,000,000	2.63E-03
205	0.55887	0.00024156	0.000135	1.05E-03	1.41E-07	0.08	1.57E-01	1.77E-09	1,000,000	1.77E-03
206	0.51188	0.00024156	0.00012365	1.05E-03	1.29E-07	0.08	1.57E-01	1.62E-09	1,000,000	1.62E-03
207	0.46991	0.00024156	0.00011351	1.05E-03	1.19E-07	0.08	1.57E-01	1.49E-09	1,000,000	1.49E-03
208	0.43374	0.00024156	0.00010477	1.05E-03	1.10E-07	0.08	1.57E-01	1.38E-09	1,000,000	1.38E-03
209	0.75188	0.00024156	0.00018162	1.05E-03	1.90E-07	0.08	1.57E-01	2.39E-09	1,000,000	2.39E-03
210	0.68203	0.00024156	0.00016475	1.05E-03	1.72E-07	0.08	1.57E-01	2.16E-09	1,000,000	2.16E-03
211	0.62072	0.00024156	0.00014994	1.05E-03	1.57E-07	0.08	1.57E-01	1.97E-09	1,000,000	1.97E-03
212	0.56723	0.00024156	0.00013702	1.05E-03	1.43E-07	0.08	1.57E-01	1.80E-09	1,000,000	1.80E-03
213	0.52007	0.00024156	0.00012563	1.05E-03	1.31E-07	0.08	1.57E-01	1.65E-09	1,000,000	1.65E-03
214	0.47799	0.00024156	0.00011546	1.05E-03	1.21E-07	0.08	1.57E-01	1.52E-09	1,000,000	1.52E-03
215	0.44088	0.00024156	0.0001065	1.05E-03	1.11E-07	0.08	1.57E-01	1.40E-09	1,000,000	1.40E-03
216	0.73989	0.00024156	0.00017873	1.05E-03	1.87E-07	0.08	1.57E-01	2.35E-09	1,000,000	2.35E-03
217	0.68023	0.00024156	0.00016432	1.05E-03	1.72E-07	0.08	1.57E-01	2.16E-09	1,000,000	2.16E-03
218	0.62449	0.00024156	0.00015085	1.05E-03	1.58E-07	0.08	1.57E-01	1.98E-09	1,000,000	1.98E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.57514	0.00024156	0.00013893	1.05E-03	1.45E-07	0.08	1.57E-01	1.83E-09	1,000,000	1.83E-03
220	0.52995	0.00024156	0.00012801	1.05E-03	1.34E-07	0.08	1.57E-01	1.68E-09	1,000,000	1.68E-03
221	0.48922	0.00024156	0.00011818	1.05E-03	1.24E-07	0.08	1.57E-01	1.55E-09	1,000,000	1.55E-03
222	0.6699	0.00024156	0.00016182	1.05E-03	1.69E-07	0.08	1.57E-01	2.13E-09	1,000,000	2.13E-03
223	0.61932	0.00024156	0.0001496	1.05E-03	1.56E-07	0.08	1.57E-01	1.97E-09	1,000,000	1.97E-03
224	0.57282	0.00024156	0.00013837	1.05E-03	1.45E-07	0.08	1.57E-01	1.82E-09	1,000,000	1.82E-03
225	0.53068	0.00024156	0.00012819	1.05E-03	1.34E-07	0.08	1.57E-01	1.68E-09	1,000,000	1.68E-03
226	0.49145	0.00024156	0.00011871	1.05E-03	1.24E-07	0.08	1.57E-01	1.56E-09	1,000,000	1.56E-03
227	0.60931	0.00024156	0.00014718	1.05E-03	1.54E-07	0.08	1.57E-01	1.93E-09	1,000,000	1.93E-03
228	0.56642	0.00024156	0.00013682	1.05E-03	1.43E-07	0.08	1.57E-01	1.80E-09	1,000,000	1.80E-03
229	0.52722	0.00024156	0.00012735	1.05E-03	1.33E-07	0.08	1.57E-01	1.67E-09	1,000,000	1.67E-03
230	0.49031	0.00024156	0.00011844	1.05E-03	1.24E-07	0.08	1.57E-01	1.56E-09	1,000,000	1.56E-03
231	0.55644	0.00024156	0.00013441	1.05E-03	1.40E-07	0.08	1.57E-01	1.77E-09	1,000,000	1.77E-03
232	0.52057	0.00024156	0.00012575	1.05E-03	1.31E-07	0.08	1.57E-01	1.65E-09	1,000,000	1.65E-03
233	0.48684	0.00024156	0.0001176	1.05E-03	1.23E-07	0.08	1.57E-01	1.55E-09	1,000,000	1.55E-03
234	0.45497	0.00024156	0.0001099	1.05E-03	1.15E-07	0.08	1.57E-01	1.44E-09	1,000,000	1.44E-03
235	0.51079	0.00024156	0.00012339	1.05E-03	1.29E-07	0.08	1.57E-01	1.62E-09	1,000,000	1.62E-03
236	0.48019	0.00024156	0.00011599	1.05E-03	1.21E-07	0.08	1.57E-01	1.52E-09	1,000,000	1.52E-03
237	0.4507	0.00024156	0.00010887	1.05E-03	1.14E-07	0.08	1.57E-01	1.43E-09	1,000,000	1.43E-03
238	0.42339	0.00024156	0.00010227	1.05E-03	1.07E-07	0.08	1.57E-01	1.34E-09	1,000,000	1.34E-03
239	0.47084	0.00024156	0.00011374	1.05E-03	1.19E-07	0.08	1.57E-01	1.49E-09	1,000,000	1.49E-03
240	0.44433	0.00024156	0.00010733	1.05E-03	1.12E-07	0.08	1.57E-01	1.41E-09	1,000,000	1.41E-03
241	0.41867	0.00024156	0.00010113	1.05E-03	1.06E-07	0.08	1.57E-01	1.33E-09	1,000,000	1.33E-03
242	0.395	0.00024156	9.5415E-05	1.05E-03	9.97E-08	0.08	1.57E-01	1.25E-09	1,000,000	1.25E-03
243	0.5954	0.00024156	0.00014382	1.05E-03	1.50E-07	0.08	1.57E-01	1.89E-09	1,000,000	1.89E-03
244	0.59387	0.00024156	0.00014345	1.05E-03	1.50E-07	0.08	1.57E-01	1.88E-09	1,000,000	1.88E-03
245	0.58415	0.00024156	0.00014111	1.05E-03	1.47E-07	0.08	1.57E-01	1.85E-09	1,000,000	1.85E-03
246	0.56765	0.00024156	0.00013712	1.05E-03	1.43E-07	0.08	1.57E-01	1.80E-09	1,000,000	1.80E-03
247	0.54575	0.00024156	0.00013183	1.05E-03	1.38E-07	0.08	1.57E-01	1.73E-09	1,000,000	1.73E-03
248	0.52163	0.00024156	0.000126	1.05E-03	1.32E-07	0.08	1.57E-01	1.66E-09	1,000,000	1.66E-03
249	0.49605	0.00024156	0.00011982	1.05E-03	1.25E-07	0.08	1.57E-01	1.57E-09	1,000,000	1.57E-03
250	0.54289	0.00024156	0.00013114	1.05E-03	1.37E-07	0.08	1.57E-01	1.72E-09	1,000,000	1.72E-03
251	0.54115	0.00024156	0.00013072	1.05E-03	1.37E-07	0.08	1.57E-01	1.72E-09	1,000,000	1.72E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.53265	0.00024156	0.00012867	1.05E-03	1.34E-07	0.08	1.57E-01	1.69E-09	1,000,000	1.69E-03
253	0.51851	0.00024156	0.00012525	1.05E-03	1.31E-07	0.08	1.57E-01	1.65E-09	1,000,000	1.65E-03
254	0.49978	0.00024156	0.00012073	1.05E-03	1.26E-07	0.08	1.57E-01	1.59E-09	1,000,000	1.59E-03
255	0.47911	0.00024156	0.00011573	1.05E-03	1.21E-07	0.08	1.57E-01	1.52E-09	1,000,000	1.52E-03
256	0.45663	0.00024156	0.0001103	1.05E-03	1.15E-07	0.08	1.57E-01	1.45E-09	1,000,000	1.45E-03
257	0.49771	0.00024156	0.00012023	1.05E-03	1.26E-07	0.08	1.57E-01	1.58E-09	1,000,000	1.58E-03
258	0.49582	0.00024156	0.00011977	1.05E-03	1.25E-07	0.08	1.57E-01	1.57E-09	1,000,000	1.57E-03
259	0.4883	0.00024156	0.00011795	1.05E-03	1.23E-07	0.08	1.57E-01	1.55E-09	1,000,000	1.55E-03
260	0.47608	0.00024156	0.000115	1.05E-03	1.20E-07	0.08	1.57E-01	1.51E-09	1,000,000	1.51E-03
261	0.45994	0.00024156	0.0001111	1.05E-03	1.16E-07	0.08	1.57E-01	1.46E-09	1,000,000	1.46E-03
262	0.442	0.00024156	0.00010677	1.05E-03	1.12E-07	0.08	1.57E-01	1.40E-09	1,000,000	1.40E-03
263	0.42262	0.00024156	0.00010209	1.05E-03	1.07E-07	0.08	1.57E-01	1.34E-09	1,000,000	1.34E-03
264	0.45871	0.00024156	0.00011081	1.05E-03	1.16E-07	0.08	1.57E-01	1.46E-09	1,000,000	1.46E-03
265	0.4566	0.00024156	0.0001103	1.05E-03	1.15E-07	0.08	1.57E-01	1.45E-09	1,000,000	1.45E-03
266	0.44981	0.00024156	0.00010866	1.05E-03	1.14E-07	0.08	1.57E-01	1.43E-09	1,000,000	1.43E-03
267	0.43914	0.00024156	0.00010608	1.05E-03	1.11E-07	0.08	1.57E-01	1.39E-09	1,000,000	1.39E-03
268	0.42551	0.00024156	0.00010279	1.05E-03	1.07E-07	0.08	1.57E-01	1.35E-09	1,000,000	1.35E-03
269	0.40974	0.00024156	9.8976E-05	1.05E-03	1.03E-07	0.08	1.57E-01	1.30E-09	1,000,000	1.30E-03
270	0.39273	0.00024156	9.4867E-05	1.05E-03	9.92E-08	0.08	1.57E-01	1.25E-09	1,000,000	1.25E-03
271	0.4244	0.00024156	0.00010252	1.05E-03	1.07E-07	0.08	1.57E-01	1.35E-09	1,000,000	1.35E-03
272	0.42226	0.00024156	0.000102	1.05E-03	1.07E-07	0.08	1.57E-01	1.34E-09	1,000,000	1.34E-03
273	0.41615	0.00024156	0.00010052	1.05E-03	1.05E-07	0.08	1.57E-01	1.32E-09	1,000,000	1.32E-03
274	0.40674	0.00024156	9.8251E-05	1.05E-03	1.03E-07	0.08	1.57E-01	1.29E-09	1,000,000	1.29E-03
275	0.39477	0.00024156	9.536E-05	1.05E-03	9.97E-08	0.08	1.57E-01	1.25E-09	1,000,000	1.25E-03
276	0.38109	0.00024156	9.2055E-05	1.05E-03	9.62E-08	0.08	1.57E-01	1.21E-09	1,000,000	1.21E-03
277	0.36598	0.00024156	8.8405E-05	1.05E-03	9.24E-08	0.08	1.57E-01	1.16E-09	1,000,000	1.16E-03
278	0.29807	0.00024156	7.2001E-05	1.05E-03	7.53E-08	0.08	1.57E-01	9.46E-10	1,000,000	9.46E-04
279	0.30808	0.00024156	7.4419E-05	1.05E-03	7.78E-08	0.08	1.57E-01	9.78E-10	1,000,000	9.78E-04
280	0.33595	0.00024156	8.1151E-05	1.05E-03	8.48E-08	0.08	1.57E-01	1.07E-09	1,000,000	1.07E-03
281	0.33058	0.00024156	7.9854E-05	1.05E-03	8.35E-08	0.08	1.57E-01	1.05E-09	1,000,000	1.05E-03
282	0.36233	0.00024156	8.7524E-05	1.05E-03	9.15E-08	0.08	1.57E-01	1.15E-09	1,000,000	1.15E-03
283	0.30388	0.00024156	7.3405E-05	1.05E-03	7.67E-08	0.08	1.57E-01	9.65E-10	1,000,000	9.65E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School - Student Receptors										
26	1.63921	0.00024156	0.00039596	6.05E-04	2.40E-07	0.08	4.71E-02	9.04E-10	1,000,000	9.04E-04
27	1.78809	0.00024156	0.00043193	6.05E-04	2.61E-07	0.08	4.71E-02	9.86E-10	1,000,000	9.86E-04
28	1.95103	0.00024156	0.00047129	6.05E-04	2.85E-07	0.08	4.71E-02	1.08E-09	1,000,000	1.08E-03
29	2.12314	0.00024156	0.00051286	6.05E-04	3.10E-07	0.08	4.71E-02	1.17E-09	1,000,000	1.17E-03
30	2.29761	0.00024156	0.00055501	6.05E-04	3.36E-07	0.08	4.71E-02	1.27E-09	1,000,000	1.27E-03
31	2.4669	0.00024156	0.0005959	6.05E-04	3.61E-07	0.08	4.71E-02	1.36E-09	1,000,000	1.36E-03
32	2.6237	0.00024156	0.00063378	6.05E-04	3.83E-07	0.08	4.71E-02	1.45E-09	1,000,000	1.45E-03
33	2.76163	0.00024156	0.00066709	6.05E-04	4.04E-07	0.08	4.71E-02	1.52E-09	1,000,000	1.52E-03
34	2.87571	0.00024156	0.00069465	6.05E-04	4.20E-07	0.08	4.71E-02	1.59E-09	1,000,000	1.59E-03
35	2.96301	0.00024156	0.00071574	6.05E-04	4.33E-07	0.08	4.71E-02	1.63E-09	1,000,000	1.63E-03
36	3.01574	0.00024156	0.00072848	6.05E-04	4.41E-07	0.08	4.71E-02	1.66E-09	1,000,000	1.66E-03
37	1.83601	0.00024156	0.0004435	6.05E-04	2.68E-07	0.08	4.71E-02	1.01E-09	1,000,000	1.01E-03
38	2.0218	0.00024156	0.00048838	6.05E-04	2.96E-07	0.08	4.71E-02	1.11E-09	1,000,000	1.11E-03
39	2.22709	0.00024156	0.00053797	6.05E-04	3.26E-07	0.08	4.71E-02	1.23E-09	1,000,000	1.23E-03
40	2.44436	0.00024156	0.00059045	6.05E-04	3.57E-07	0.08	4.71E-02	1.35E-09	1,000,000	1.35E-03
41	2.6629	0.00024156	0.00064324	6.05E-04	3.89E-07	0.08	4.71E-02	1.47E-09	1,000,000	1.47E-03
42	2.87135	0.00024156	0.0006936	6.05E-04	4.20E-07	0.08	4.71E-02	1.58E-09	1,000,000	1.58E-03
43	3.05951	0.00024156	0.00073905	6.05E-04	4.47E-07	0.08	4.71E-02	1.69E-09	1,000,000	1.69E-03
44	3.21961	0.00024156	0.00077772	6.05E-04	4.71E-07	0.08	4.71E-02	1.77E-09	1,000,000	1.77E-03
45	3.34655	0.00024156	0.00080839	6.05E-04	4.89E-07	0.08	4.71E-02	1.84E-09	1,000,000	1.84E-03
46	3.43813	0.00024156	0.00083051	6.05E-04	5.03E-07	0.08	4.71E-02	1.90E-09	1,000,000	1.90E-03
47	3.48574	0.00024156	0.00084201	6.05E-04	5.09E-07	0.08	4.71E-02	1.92E-09	1,000,000	1.92E-03
48	2.0761	0.00024156	0.0005015	6.05E-04	3.03E-07	0.08	4.71E-02	1.14E-09	1,000,000	1.14E-03
49	2.31363	0.00024156	0.00055888	6.05E-04	3.38E-07	0.08	4.71E-02	1.28E-09	1,000,000	1.28E-03
50	2.57928	0.00024156	0.00062305	6.05E-04	3.77E-07	0.08	4.71E-02	1.42E-09	1,000,000	1.42E-03
51	2.86044	0.00024156	0.00069096	6.05E-04	4.18E-07	0.08	4.71E-02	1.58E-09	1,000,000	1.58E-03
52	3.13931	0.00024156	0.00075833	6.05E-04	4.59E-07	0.08	4.71E-02	1.73E-09	1,000,000	1.73E-03
53	3.39837	0.00024156	0.0008209	6.05E-04	4.97E-07	0.08	4.71E-02	1.87E-09	1,000,000	1.87E-03
54	3.62418	0.00024156	0.00087545	6.05E-04	5.30E-07	0.08	4.71E-02	2.00E-09	1,000,000	2.00E-03
55	3.80854	0.00024156	0.00091998	6.05E-04	5.57E-07	0.08	4.71E-02	2.10E-09	1,000,000	2.10E-03
56	3.94738	0.00024156	0.00095352	6.05E-04	5.77E-07	0.08	4.71E-02	2.18E-09	1,000,000	2.18E-03
57	4.04026	0.00024156	0.00097596	6.05E-04	5.91E-07	0.08	4.71E-02	2.23E-09	1,000,000	2.23E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	4.07766	0.00024156	0.00098499	6.05E-04	5.96E-07	0.08	4.71E-02	2.25E-09	1,000,000	2.25E-03
59	2.37521	0.00024156	0.00057375	6.05E-04	3.47E-07	0.08	4.71E-02	1.31E-09	1,000,000	1.31E-03
60	2.68881	0.00024156	0.0006495	6.05E-04	3.93E-07	0.08	4.71E-02	1.48E-09	1,000,000	1.48E-03
61	3.04488	0.00024156	0.00073552	6.05E-04	4.45E-07	0.08	4.71E-02	1.68E-09	1,000,000	1.68E-03
62	3.41997	0.00024156	0.00082612	6.05E-04	5.00E-07	0.08	4.71E-02	1.89E-09	1,000,000	1.89E-03
63	3.78244	0.00024156	0.00091368	6.05E-04	5.53E-07	0.08	4.71E-02	2.08E-09	1,000,000	2.08E-03
64	4.10586	0.00024156	0.0009918	6.05E-04	6.00E-07	0.08	4.71E-02	2.26E-09	1,000,000	2.26E-03
65	4.37509	0.00024156	0.00105684	6.05E-04	6.39E-07	0.08	4.71E-02	2.41E-09	1,000,000	2.41E-03
66	4.58422	0.00024156	0.00110736	6.05E-04	6.70E-07	0.08	4.71E-02	2.53E-09	1,000,000	2.53E-03
67	4.7323	0.00024156	0.00114313	6.05E-04	6.92E-07	0.08	4.71E-02	2.61E-09	1,000,000	2.61E-03
68	4.82191	0.00024156	0.00116477	6.05E-04	7.05E-07	0.08	4.71E-02	2.66E-09	1,000,000	2.66E-03
69	4.84209	0.00024156	0.00116965	6.05E-04	7.08E-07	0.08	4.71E-02	2.67E-09	1,000,000	2.67E-03
70	2.75828	0.00024156	0.00066628	6.05E-04	4.03E-07	0.08	4.71E-02	1.52E-09	1,000,000	1.52E-03
71	3.19143	0.00024156	0.00077092	6.05E-04	4.66E-07	0.08	4.71E-02	1.76E-09	1,000,000	1.76E-03
72	3.69284	0.00024156	0.00089204	6.05E-04	5.40E-07	0.08	4.71E-02	2.04E-09	1,000,000	2.04E-03
73	4.21215	0.00024156	0.00101748	6.05E-04	6.16E-07	0.08	4.71E-02	2.32E-09	1,000,000	2.32E-03
74	4.68999	0.00024156	0.0011329	6.05E-04	6.85E-07	0.08	4.71E-02	2.59E-09	1,000,000	2.59E-03
75	5.09165	0.00024156	0.00122993	6.05E-04	7.44E-07	0.08	4.71E-02	2.81E-09	1,000,000	2.81E-03
76	5.40752	0.00024156	0.00130623	6.05E-04	7.90E-07	0.08	4.71E-02	2.98E-09	1,000,000	2.98E-03
77	5.63936	0.00024156	0.00136223	6.05E-04	8.24E-07	0.08	4.71E-02	3.11E-09	1,000,000	3.11E-03
78	5.79182	0.00024156	0.00139906	6.05E-04	8.47E-07	0.08	4.71E-02	3.19E-09	1,000,000	3.19E-03
79	5.87192	0.00024156	0.00141841	6.05E-04	8.58E-07	0.08	4.71E-02	3.24E-09	1,000,000	3.24E-03
80	5.86563	0.00024156	0.00141689	6.05E-04	8.57E-07	0.08	4.71E-02	3.23E-09	1,000,000	3.23E-03
81	3.26767	0.00024156	0.00078933	6.05E-04	4.78E-07	0.08	4.71E-02	1.80E-09	1,000,000	1.80E-03
82	3.90892	0.00024156	0.00094423	6.05E-04	5.71E-07	0.08	4.71E-02	2.15E-09	1,000,000	2.15E-03
83	4.6694	0.00024156	0.00112793	6.05E-04	6.82E-07	0.08	4.71E-02	2.57E-09	1,000,000	2.57E-03
84	5.41829	0.00024156	0.00130883	6.05E-04	7.92E-07	0.08	4.71E-02	2.99E-09	1,000,000	2.99E-03
85	6.04791	0.00024156	0.00146092	6.05E-04	8.84E-07	0.08	4.71E-02	3.33E-09	1,000,000	3.33E-03
86	6.53637	0.00024156	0.00157891	6.05E-04	9.55E-07	0.08	4.71E-02	3.60E-09	1,000,000	3.60E-03
87	6.89697	0.00024156	0.00166602	6.05E-04	1.01E-06	0.08	4.71E-02	3.80E-09	1,000,000	3.80E-03
88	7.14593	0.00024156	0.00172616	6.05E-04	1.04E-06	0.08	4.71E-02	3.94E-09	1,000,000	3.94E-03
89	7.29544	0.00024156	0.00176227	6.05E-04	1.07E-06	0.08	4.71E-02	4.02E-09	1,000,000	4.02E-03
90	7.35824	0.00024156	0.00177744	6.05E-04	1.08E-06	0.08	4.71E-02	4.06E-09	1,000,000	4.06E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	7.31381	0.00024156	0.00176671	6.05E-04	1.07E-06	0.08	4.71E-02	4.03E-09	1,000,000	4.03E-03
92	3.98043	0.00024156	0.0009615	6.05E-04	5.82E-07	0.08	4.71E-02	2.19E-09	1,000,000	2.19E-03
93	5.05099	0.00024156	0.00122011	6.05E-04	7.38E-07	0.08	4.71E-02	2.78E-09	1,000,000	2.78E-03
94	6.34998	0.00024156	0.00153389	6.05E-04	9.28E-07	0.08	4.71E-02	3.50E-09	1,000,000	3.50E-03
95	7.45608	0.00024156	0.00180108	6.05E-04	1.09E-06	0.08	4.71E-02	4.11E-09	1,000,000	4.11E-03
96	8.25834	0.00024156	0.00199487	6.05E-04	1.21E-06	0.08	4.71E-02	4.55E-09	1,000,000	4.55E-03
97	8.82942	0.00024156	0.00213282	6.05E-04	1.29E-06	0.08	4.71E-02	4.87E-09	1,000,000	4.87E-03
98	9.22529	0.00024156	0.00222844	6.05E-04	1.35E-06	0.08	4.71E-02	5.09E-09	1,000,000	5.09E-03
99	9.48125	0.00024156	0.00229027	6.05E-04	1.39E-06	0.08	4.71E-02	5.23E-09	1,000,000	5.23E-03
100	9.61705	0.00024156	0.00232308	6.05E-04	1.41E-06	0.08	4.71E-02	5.30E-09	1,000,000	5.30E-03
101	9.65285	0.00024156	0.00233172	6.05E-04	1.41E-06	0.08	4.71E-02	5.32E-09	1,000,000	5.32E-03
102	9.55678	0.00024156	0.00230852	6.05E-04	1.40E-06	0.08	4.71E-02	5.27E-09	1,000,000	5.27E-03
103	10.41061	0.00024156	0.00251477	6.05E-04	1.52E-06	0.08	4.71E-02	5.74E-09	1,000,000	5.74E-03
104	11.39065	0.00024156	0.0027515	6.05E-04	1.66E-06	0.08	4.71E-02	6.28E-09	1,000,000	6.28E-03
105	12.50906	0.00024156	0.00302166	6.05E-04	1.83E-06	0.08	4.71E-02	6.90E-09	1,000,000	6.90E-03
106	12.8582	0.00024156	0.003106	6.05E-04	1.88E-06	0.08	4.71E-02	7.09E-09	1,000,000	7.09E-03
107	13.72411	0.00024156	0.00331517	6.05E-04	2.01E-06	0.08	4.71E-02	7.57E-09	1,000,000	7.57E-03
108	13.82658	0.00024156	0.00333992	6.05E-04	2.02E-06	0.08	4.71E-02	7.62E-09	1,000,000	7.62E-03
109	13.81354	0.00024156	0.00333677	6.05E-04	2.02E-06	0.08	4.71E-02	7.61E-09	1,000,000	7.61E-03
110	13.65891	0.00024156	0.00329942	6.05E-04	2.00E-06	0.08	4.71E-02	7.53E-09	1,000,000	7.53E-03
111	8.97732	0.00024156	0.00216854	6.05E-04	1.31E-06	0.08	4.71E-02	4.95E-09	1,000,000	4.95E-03
112	6.47812	0.00024156	0.00156484	6.05E-04	9.47E-07	0.08	4.71E-02	3.57E-09	1,000,000	3.57E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.63921	0.00024156	0.00039596	2.50E-04	9.91E-08	0.08	1.57E-02	1.25E-10	1,000,000	1.25E-04
27	1.78809	0.00024156	0.00043193	2.50E-04	1.08E-07	0.08	1.57E-02	1.36E-10	1,000,000	1.36E-04
28	1.95103	0.00024156	0.00047129	2.50E-04	1.18E-07	0.08	1.57E-02	1.48E-10	1,000,000	1.48E-04
29	2.12314	0.00024156	0.00051286	2.50E-04	1.28E-07	0.08	1.57E-02	1.61E-10	1,000,000	1.61E-04
30	2.29761	0.00024156	0.00055501	2.50E-04	1.39E-07	0.08	1.57E-02	1.75E-10	1,000,000	1.75E-04
31	2.4669	0.00024156	0.0005959	2.50E-04	1.49E-07	0.08	1.57E-02	1.87E-10	1,000,000	1.87E-04
32	2.6237	0.00024156	0.00063378	2.50E-04	1.59E-07	0.08	1.57E-02	1.99E-10	1,000,000	1.99E-04
33	2.76163	0.00024156	0.00066709	2.50E-04	1.67E-07	0.08	1.57E-02	2.10E-10	1,000,000	2.10E-04
34	2.87571	0.00024156	0.00069465	2.50E-04	1.74E-07	0.08	1.57E-02	2.19E-10	1,000,000	2.19E-04
35	2.96301	0.00024156	0.00071574	2.50E-04	1.79E-07	0.08	1.57E-02	2.25E-10	1,000,000	2.25E-04
36	3.01574	0.00024156	0.00072848	2.50E-04	1.82E-07	0.08	1.57E-02	2.29E-10	1,000,000	2.29E-04
37	1.83601	0.00024156	0.0004435	2.50E-04	1.11E-07	0.08	1.57E-02	1.40E-10	1,000,000	1.40E-04
38	2.0218	0.00024156	0.00048838	2.50E-04	1.22E-07	0.08	1.57E-02	1.54E-10	1,000,000	1.54E-04
39	2.22709	0.00024156	0.00053797	2.50E-04	1.35E-07	0.08	1.57E-02	1.69E-10	1,000,000	1.69E-04
40	2.44436	0.00024156	0.00059045	2.50E-04	1.48E-07	0.08	1.57E-02	1.86E-10	1,000,000	1.86E-04
41	2.6629	0.00024156	0.00064324	2.50E-04	1.61E-07	0.08	1.57E-02	2.02E-10	1,000,000	2.02E-04
42	2.87135	0.00024156	0.0006936	2.50E-04	1.74E-07	0.08	1.57E-02	2.18E-10	1,000,000	2.18E-04
43	3.05951	0.00024156	0.00073905	2.50E-04	1.85E-07	0.08	1.57E-02	2.33E-10	1,000,000	2.33E-04
44	3.21961	0.00024156	0.00077772	2.50E-04	1.95E-07	0.08	1.57E-02	2.45E-10	1,000,000	2.45E-04
45	3.34655	0.00024156	0.00080839	2.50E-04	2.02E-07	0.08	1.57E-02	2.54E-10	1,000,000	2.54E-04
46	3.43813	0.00024156	0.00083051	2.50E-04	2.08E-07	0.08	1.57E-02	2.61E-10	1,000,000	2.61E-04
47	3.48574	0.00024156	0.00084201	2.50E-04	2.11E-07	0.08	1.57E-02	2.65E-10	1,000,000	2.65E-04
48	2.0761	0.00024156	0.0005015	2.50E-04	1.26E-07	0.08	1.57E-02	1.58E-10	1,000,000	1.58E-04
49	2.31363	0.00024156	0.00055888	2.50E-04	1.40E-07	0.08	1.57E-02	1.76E-10	1,000,000	1.76E-04
50	2.57928	0.00024156	0.00062305	2.50E-04	1.56E-07	0.08	1.57E-02	1.96E-10	1,000,000	1.96E-04
51	2.86044	0.00024156	0.00069096	2.50E-04	1.73E-07	0.08	1.57E-02	2.17E-10	1,000,000	2.17E-04
52	3.13931	0.00024156	0.00075833	2.50E-04	1.90E-07	0.08	1.57E-02	2.39E-10	1,000,000	2.39E-04
53	3.39837	0.00024156	0.0008209	2.50E-04	2.05E-07	0.08	1.57E-02	2.58E-10	1,000,000	2.58E-04
54	3.62418	0.00024156	0.00087545	2.50E-04	2.19E-07	0.08	1.57E-02	2.75E-10	1,000,000	2.75E-04
55	3.80854	0.00024156	0.00091998	2.50E-04	2.30E-07	0.08	1.57E-02	2.89E-10	1,000,000	2.89E-04
56	3.94738	0.00024156	0.00095352	2.50E-04	2.39E-07	0.08	1.57E-02	3.00E-10	1,000,000	3.00E-04
57	4.04026	0.00024156	0.00097596	2.50E-04	2.44E-07	0.08	1.57E-02	3.07E-10	1,000,000	3.07E-04
58	4.07766	0.00024156	0.00098499	2.50E-04	2.47E-07	0.08	1.57E-02	3.10E-10	1,000,000	3.10E-04
59	2.37521	0.00024156	0.00057375	2.50E-04	1.44E-07	0.08	1.57E-02	1.81E-10	1,000,000	1.81E-04
60	2.68881	0.00024156	0.0006495	2.50E-04	1.63E-07	0.08	1.57E-02	2.04E-10	1,000,000	2.04E-04
61	3.04488	0.00024156	0.00073552	2.50E-04	1.84E-07	0.08	1.57E-02	2.31E-10	1,000,000	2.31E-04
62	3.41997	0.00024156	0.00082612	2.50E-04	2.07E-07	0.08	1.57E-02	2.60E-10	1,000,000	2.60E-04
63	3.78244	0.00024156	0.00091368	2.50E-04	2.29E-07	0.08	1.57E-02	2.87E-10	1,000,000	2.87E-04
64	4.10586	0.00024156	0.0009918	2.50E-04	2.48E-07	0.08	1.57E-02	3.12E-10	1,000,000	3.12E-04
65	4.37509	0.00024156	0.00105684	2.50E-04	2.64E-07	0.08	1.57E-02	3.33E-10	1,000,000	3.33E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	4.58422	0.00024156	0.00110736	2.50E-04	2.77E-07	0.08	1.57E-02	3.48E-10	1,000,000	3.48E-04
67	4.7323	0.00024156	0.00114313	2.50E-04	2.86E-07	0.08	1.57E-02	3.60E-10	1,000,000	3.60E-04
68	4.82191	0.00024156	0.00116477	2.50E-04	2.92E-07	0.08	1.57E-02	3.66E-10	1,000,000	3.66E-04
69	4.84209	0.00024156	0.00116965	2.50E-04	2.93E-07	0.08	1.57E-02	3.68E-10	1,000,000	3.68E-04
70	2.75828	0.00024156	0.00066628	2.50E-04	1.67E-07	0.08	1.57E-02	2.10E-10	1,000,000	2.10E-04
71	3.19143	0.00024156	0.00077092	2.50E-04	1.93E-07	0.08	1.57E-02	2.43E-10	1,000,000	2.43E-04
72	3.69284	0.00024156	0.00089204	2.50E-04	2.23E-07	0.08	1.57E-02	2.81E-10	1,000,000	2.81E-04
73	4.21215	0.00024156	0.00101748	2.50E-04	2.55E-07	0.08	1.57E-02	3.20E-10	1,000,000	3.20E-04
74	4.68999	0.00024156	0.0011329	2.50E-04	2.84E-07	0.08	1.57E-02	3.56E-10	1,000,000	3.56E-04
75	5.09165	0.00024156	0.00122993	2.50E-04	3.08E-07	0.08	1.57E-02	3.87E-10	1,000,000	3.87E-04
76	5.40752	0.00024156	0.00130623	2.50E-04	3.27E-07	0.08	1.57E-02	4.11E-10	1,000,000	4.11E-04
77	5.63936	0.00024156	0.00136223	2.50E-04	3.41E-07	0.08	1.57E-02	4.29E-10	1,000,000	4.29E-04
78	5.79182	0.00024156	0.00139906	2.50E-04	3.50E-07	0.08	1.57E-02	4.40E-10	1,000,000	4.40E-04
79	5.87192	0.00024156	0.00141841	2.50E-04	3.55E-07	0.08	1.57E-02	4.46E-10	1,000,000	4.46E-04
80	5.86563	0.00024156	0.00141689	2.50E-04	3.55E-07	0.08	1.57E-02	4.46E-10	1,000,000	4.46E-04
81	3.26767	0.00024156	0.00078933	2.50E-04	1.98E-07	0.08	1.57E-02	2.48E-10	1,000,000	2.48E-04
82	3.90892	0.00024156	0.00094423	2.50E-04	2.36E-07	0.08	1.57E-02	2.97E-10	1,000,000	2.97E-04
83	4.6694	0.00024156	0.00112793	2.50E-04	2.82E-07	0.08	1.57E-02	3.55E-10	1,000,000	3.55E-04
84	5.41829	0.00024156	0.00130883	2.50E-04	3.28E-07	0.08	1.57E-02	4.12E-10	1,000,000	4.12E-04
85	6.04791	0.00024156	0.00146092	2.50E-04	3.66E-07	0.08	1.57E-02	4.60E-10	1,000,000	4.60E-04
86	6.53637	0.00024156	0.00157891	2.50E-04	3.95E-07	0.08	1.57E-02	4.97E-10	1,000,000	4.97E-04
87	6.89697	0.00024156	0.00166602	2.50E-04	4.17E-07	0.08	1.57E-02	5.24E-10	1,000,000	5.24E-04
88	7.14593	0.00024156	0.00172616	2.50E-04	4.32E-07	0.08	1.57E-02	5.43E-10	1,000,000	5.43E-04
89	7.29544	0.00024156	0.00176227	2.50E-04	4.41E-07	0.08	1.57E-02	5.54E-10	1,000,000	5.54E-04
90	7.35824	0.00024156	0.00177744	2.50E-04	4.45E-07	0.08	1.57E-02	5.59E-10	1,000,000	5.59E-04
91	7.31381	0.00024156	0.00176671	2.50E-04	4.42E-07	0.08	1.57E-02	5.56E-10	1,000,000	5.56E-04
92	3.98043	0.00024156	0.0009615	2.50E-04	2.41E-07	0.08	1.57E-02	3.03E-10	1,000,000	3.03E-04
93	5.05099	0.00024156	0.00122011	2.50E-04	3.05E-07	0.08	1.57E-02	3.84E-10	1,000,000	3.84E-04
94	6.34998	0.00024156	0.00153389	2.50E-04	3.84E-07	0.08	1.57E-02	4.83E-10	1,000,000	4.83E-04
95	7.45608	0.00024156	0.00180108	2.50E-04	4.51E-07	0.08	1.57E-02	5.67E-10	1,000,000	5.67E-04
96	8.25834	0.00024156	0.00199487	2.50E-04	4.99E-07	0.08	1.57E-02	6.28E-10	1,000,000	6.28E-04
97	8.82942	0.00024156	0.00213282	2.50E-04	5.34E-07	0.08	1.57E-02	6.71E-10	1,000,000	6.71E-04
98	9.22529	0.00024156	0.00222844	2.50E-04	5.58E-07	0.08	1.57E-02	7.01E-10	1,000,000	7.01E-04
99	9.48125	0.00024156	0.00229027	2.50E-04	5.73E-07	0.08	1.57E-02	7.21E-10	1,000,000	7.21E-04
100	9.61705	0.00024156	0.00232308	2.50E-04	5.81E-07	0.08	1.57E-02	7.31E-10	1,000,000	7.31E-04
101	9.65285	0.00024156	0.00233172	2.50E-04	5.84E-07	0.08	1.57E-02	7.34E-10	1,000,000	7.34E-04
102	9.55678	0.00024156	0.00230852	2.50E-04	5.78E-07	0.08	1.57E-02	7.26E-10	1,000,000	7.26E-04
103	10.41061	0.00024156	0.00251477	2.50E-04	6.29E-07	0.08	1.57E-02	7.91E-10	1,000,000	7.91E-04
104	11.39065	0.00024156	0.0027515	2.50E-04	6.89E-07	0.08	1.57E-02	8.66E-10	1,000,000	8.66E-04
105	12.50906	0.00024156	0.00302166	2.50E-04	7.56E-07	0.08	1.57E-02	9.51E-10	1,000,000	9.51E-04
106	12.8582	0.00024156	0.003106	2.50E-04	7.77E-07	0.08	1.57E-02	9.77E-10	1,000,000	9.77E-04
107	13.72411	0.00024156	0.00331517	2.50E-04	8.30E-07	0.08	1.57E-02	1.04E-09	1,000,000	1.04E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Cancer Risk From SPG - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	13.82658	0.00024156	0.00333992	2.50E-04	8.36E-07	0.08	1.57E-02	1.05E-09	1,000,000	1.05E-03
109	13.81354	0.00024156	0.00333677	2.50E-04	8.35E-07	0.08	1.57E-02	1.05E-09	1,000,000	1.05E-03
110	13.65891	0.00024156	0.00329942	2.50E-04	8.26E-07	0.08	1.57E-02	1.04E-09	1,000,000	1.04E-03
111	8.97732	0.00024156	0.00216854	2.50E-04	5.43E-07	0.08	1.57E-02	6.82E-10	1,000,000	6.82E-04
112	6.47812	0.00024156	0.00156484	2.50E-04	3.92E-07	0.08	1.57E-02	4.92E-10	1,000,000	4.92E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.11003	2.09E-05	2.30E-06	1.05E-03	2.40E-09	0.08	1.57E-01	3.02E-11	1,000,000	3.0E-05
2	0.11521	2.0875E-05	2.41E-06	1.05E-03	2.51E-09	0.08	1.57E-01	3.16E-11	1,000,000	3.16E-05
3	0.12094	2.0875E-05	2.52E-06	1.05E-03	2.64E-09	0.08	1.57E-01	3.32E-11	1,000,000	3.32E-05
4	0.12702	2.0875E-05	2.65E-06	1.05E-03	2.77E-09	0.08	1.57E-01	3.48E-11	1,000,000	3.48E-05
5	0.13373	2.0875E-05	2.79E-06	1.05E-03	2.92E-09	0.08	1.57E-01	3.67E-11	1,000,000	3.67E-05
6	0.10862	2.0875E-05	2.27E-06	1.05E-03	2.37E-09	0.08	1.57E-01	2.98E-11	1,000,000	2.98E-05
7	0.11368	2.0875E-05	2.37E-06	1.05E-03	2.48E-09	0.08	1.57E-01	3.12E-11	1,000,000	3.12E-05
8	0.1192	2.0875E-05	2.49E-06	1.05E-03	2.60E-09	0.08	1.57E-01	3.27E-11	1,000,000	3.27E-05
9	0.12536	2.0875E-05	2.62E-06	1.05E-03	2.74E-09	0.08	1.57E-01	3.44E-11	1,000,000	3.44E-05
10	0.13191	2.0875E-05	2.75E-06	1.05E-03	2.88E-09	0.08	1.57E-01	3.62E-11	1,000,000	3.62E-05
11	0.10716	2.0875E-05	2.24E-06	1.05E-03	2.34E-09	0.08	1.57E-01	2.94E-11	1,000,000	2.94E-05
12	0.11215	2.0875E-05	2.34E-06	1.05E-03	2.45E-09	0.08	1.57E-01	3.08E-11	1,000,000	3.08E-05
13	0.11761	2.0875E-05	2.46E-06	1.05E-03	2.57E-09	0.08	1.57E-01	3.23E-11	1,000,000	3.23E-05
14	0.1237	2.0875E-05	2.58E-06	1.05E-03	2.70E-09	0.08	1.57E-01	3.39E-11	1,000,000	3.39E-05
15	0.13015	2.0875E-05	2.72E-06	1.05E-03	2.84E-09	0.08	1.57E-01	3.57E-11	1,000,000	3.57E-05
16	0.10576	2.0875E-05	2.21E-06	1.05E-03	2.31E-09	0.08	1.57E-01	2.90E-11	1,000,000	2.90E-05
17	0.11072	2.0875E-05	2.31E-06	1.05E-03	2.42E-09	0.08	1.57E-01	3.04E-11	1,000,000	3.04E-05
18	0.11607	2.0875E-05	2.42E-06	1.05E-03	2.53E-09	0.08	1.57E-01	3.18E-11	1,000,000	3.18E-05
19	0.12182	2.0875E-05	2.54E-06	1.05E-03	2.66E-09	0.08	1.57E-01	3.34E-11	1,000,000	3.34E-05
20	0.1282	2.0875E-05	2.68E-06	1.05E-03	2.80E-09	0.08	1.57E-01	3.52E-11	1,000,000	3.52E-05
21	0.10446	2.0875E-05	2.18E-06	1.05E-03	2.28E-09	0.08	1.57E-01	2.87E-11	1,000,000	2.87E-05
22	0.10932	2.0875E-05	2.28E-06	1.05E-03	2.39E-09	0.08	1.57E-01	3.00E-11	1,000,000	3.00E-05
23	0.11459	2.0875E-05	2.39E-06	1.05E-03	2.50E-09	0.08	1.57E-01	3.14E-11	1,000,000	3.14E-05
24	0.12028	2.0875E-05	2.51E-06	1.05E-03	2.62E-09	0.08	1.57E-01	3.30E-11	1,000,000	3.30E-05
25	0.12636	2.0875E-05	2.64E-06	1.05E-03	2.76E-09	0.08	1.57E-01	3.47E-11	1,000,000	3.47E-05
113	1.12358	2.0875E-05	2.35E-05	1.05E-03	2.45E-08	0.08	1.57E-01	3.08E-10	1,000,000	3.08E-04
114	0.97242	2.0875E-05	2.03E-05	1.05E-03	2.12E-08	0.08	1.57E-01	2.67E-10	1,000,000	2.67E-04
115	0.85076	2.0875E-05	1.78E-05	1.05E-03	1.86E-08	0.08	1.57E-01	2.33E-10	1,000,000	2.33E-04
116	0.75155	2.0875E-05	1.57E-05	1.05E-03	1.64E-08	0.08	1.57E-01	2.06E-10	1,000,000	2.06E-04
117	1.12954	2.0875E-05	2.36E-05	1.05E-03	2.46E-08	0.08	1.57E-01	3.10E-10	1,000,000	3.10E-04
118	0.97539	2.0875E-05	2.04E-05	1.05E-03	2.13E-08	0.08	1.57E-01	2.68E-10	1,000,000	2.68E-04
119	0.85219	2.0875E-05	1.78E-05	1.05E-03	1.86E-08	0.08	1.57E-01	2.34E-10	1,000,000	2.34E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.7522	2.0875E-05	1.57E-05	1.05E-03	1.64E-08	0.08	1.57E-01	2.06E-10	1,000,000	2.06E-04
121	1.13017	2.0875E-05	2.36E-05	1.05E-03	2.47E-08	0.08	1.57E-01	3.10E-10	1,000,000	3.10E-04
122	0.97483	2.0875E-05	2.03E-05	1.05E-03	2.13E-08	0.08	1.57E-01	2.67E-10	1,000,000	2.67E-04
123	0.85116	2.0875E-05	1.78E-05	1.05E-03	1.86E-08	0.08	1.57E-01	2.33E-10	1,000,000	2.33E-04
124	0.75101	2.0875E-05	1.57E-05	1.05E-03	1.64E-08	0.08	1.57E-01	2.06E-10	1,000,000	2.06E-04
125	1.12547	2.0875E-05	2.35E-05	1.05E-03	2.46E-08	0.08	1.57E-01	3.09E-10	1,000,000	3.09E-04
126	0.97046	2.0875E-05	2.03E-05	1.05E-03	2.12E-08	0.08	1.57E-01	2.66E-10	1,000,000	2.66E-04
127	0.84721	2.0875E-05	1.77E-05	1.05E-03	1.85E-08	0.08	1.57E-01	2.32E-10	1,000,000	2.32E-04
128	0.74746	2.0875E-05	1.56E-05	1.05E-03	1.63E-08	0.08	1.57E-01	2.05E-10	1,000,000	2.05E-04
129	1.11497	2.0875E-05	2.33E-05	1.05E-03	2.43E-08	0.08	1.57E-01	3.06E-10	1,000,000	3.06E-04
130	0.96172	2.0875E-05	2.01E-05	1.05E-03	2.10E-08	0.08	1.57E-01	2.64E-10	1,000,000	2.64E-04
131	0.83981	2.0875E-05	1.75E-05	1.05E-03	1.83E-08	0.08	1.57E-01	2.30E-10	1,000,000	2.30E-04
132	0.74109	2.0875E-05	1.55E-05	1.05E-03	1.62E-08	0.08	1.57E-01	2.03E-10	1,000,000	2.03E-04
133	1.09734	2.0875E-05	2.29E-05	1.05E-03	2.39E-08	0.08	1.57E-01	3.01E-10	1,000,000	3.01E-04
134	0.94768	2.0875E-05	1.98E-05	1.05E-03	2.07E-08	0.08	1.57E-01	2.60E-10	1,000,000	2.60E-04
135	0.82832	2.0875E-05	1.73E-05	1.05E-03	1.81E-08	0.08	1.57E-01	2.27E-10	1,000,000	2.27E-04
136	0.73148	2.0875E-05	1.53E-05	1.05E-03	1.60E-08	0.08	1.57E-01	2.01E-10	1,000,000	2.01E-04
137	1.07058	2.0875E-05	2.23E-05	1.05E-03	2.34E-08	0.08	1.57E-01	2.94E-10	1,000,000	2.94E-04
138	0.81199	2.0875E-05	1.70E-05	1.05E-03	1.77E-08	0.08	1.57E-01	2.23E-10	1,000,000	2.23E-04
139	0.71822	2.0875E-05	1.50E-05	1.05E-03	1.57E-08	0.08	1.57E-01	1.97E-10	1,000,000	1.97E-04
140	0.92523	2.0875E-05	1.93E-05	1.05E-03	2.02E-08	0.08	1.57E-01	2.54E-10	1,000,000	2.54E-04
141	0.8165	2.0875E-05	1.70E-05	1.05E-03	1.78E-08	0.08	1.57E-01	2.24E-10	1,000,000	2.24E-04
142	0.72655	2.0875E-05	1.52E-05	1.05E-03	1.59E-08	0.08	1.57E-01	1.99E-10	1,000,000	1.99E-04
143	0.65112	2.0875E-05	1.36E-05	1.05E-03	1.42E-08	0.08	1.57E-01	1.79E-10	1,000,000	1.79E-04
144	0.86062	2.0875E-05	1.80E-05	1.05E-03	1.88E-08	0.08	1.57E-01	2.36E-10	1,000,000	2.36E-04
145	0.76571	2.0875E-05	1.60E-05	1.05E-03	1.67E-08	0.08	1.57E-01	2.10E-10	1,000,000	2.10E-04
146	0.68642	2.0875E-05	1.43E-05	1.05E-03	1.50E-08	0.08	1.57E-01	1.88E-10	1,000,000	1.88E-04
147	0.61925	2.0875E-05	1.29E-05	1.05E-03	1.35E-08	0.08	1.57E-01	1.70E-10	1,000,000	1.70E-04
148	0.79377	2.0875E-05	1.66E-05	1.05E-03	1.73E-08	0.08	1.57E-01	2.18E-10	1,000,000	2.18E-04
149	0.71174	2.0875E-05	1.49E-05	1.05E-03	1.55E-08	0.08	1.57E-01	1.95E-10	1,000,000	1.95E-04
150	0.64272	2.0875E-05	1.34E-05	1.05E-03	1.40E-08	0.08	1.57E-01	1.76E-10	1,000,000	1.76E-04
151	0.58381	2.0875E-05	1.22E-05	1.05E-03	1.27E-08	0.08	1.57E-01	1.60E-10	1,000,000	1.60E-04
152	0.72856	2.0875E-05	1.52E-05	1.05E-03	1.59E-08	0.08	1.57E-01	2.00E-10	1,000,000	2.00E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.65762	2.0875E-05	1.37E-05	1.05E-03	1.43E-08	0.08	1.57E-01	1.80E-10	1,000,000	1.80E-04
154	0.5977	2.0875E-05	1.25E-05	1.05E-03	1.30E-08	0.08	1.57E-01	1.64E-10	1,000,000	1.64E-04
155	0.54637	2.0875E-05	1.14E-05	1.05E-03	1.19E-08	0.08	1.57E-01	1.50E-10	1,000,000	1.50E-04
156	0.6686	2.0875E-05	1.40E-05	1.05E-03	1.46E-08	0.08	1.57E-01	1.83E-10	1,000,000	1.83E-04
157	0.6064	2.0875E-05	1.27E-05	1.05E-03	1.32E-08	0.08	1.57E-01	1.66E-10	1,000,000	1.66E-04
158	0.55386	2.0875E-05	1.16E-05	1.05E-03	1.21E-08	0.08	1.57E-01	1.52E-10	1,000,000	1.52E-04
159	0.50887	2.0875E-05	1.06E-05	1.05E-03	1.11E-08	0.08	1.57E-01	1.40E-10	1,000,000	1.40E-04
160	0.61617	2.0875E-05	1.29E-05	1.05E-03	1.34E-08	0.08	1.57E-01	1.69E-10	1,000,000	1.69E-04
161	0.56045	2.0875E-05	1.17E-05	1.05E-03	1.22E-08	0.08	1.57E-01	1.54E-10	1,000,000	1.54E-04
162	0.51344	2.0875E-05	1.07E-05	1.05E-03	1.12E-08	0.08	1.57E-01	1.41E-10	1,000,000	1.41E-04
163	0.47317	2.0875E-05	9.88E-06	1.05E-03	1.03E-08	0.08	1.57E-01	1.30E-10	1,000,000	1.30E-04
164	0.57157	2.0875E-05	1.19E-05	1.05E-03	1.25E-08	0.08	1.57E-01	1.57E-10	1,000,000	1.57E-04
165	0.52081	2.0875E-05	1.09E-05	1.05E-03	1.14E-08	0.08	1.57E-01	1.43E-10	1,000,000	1.43E-04
166	0.4772	2.0875E-05	9.96E-06	1.05E-03	1.04E-08	0.08	1.57E-01	1.31E-10	1,000,000	1.31E-04
167	0.44054	2.0875E-05	9.20E-06	1.05E-03	9.61E-09	0.08	1.57E-01	1.21E-10	1,000,000	1.21E-04
168	0.53345	2.0875E-05	1.11E-05	1.05E-03	1.16E-08	0.08	1.57E-01	1.46E-10	1,000,000	1.46E-04
169	0.48706	2.0875E-05	1.02E-05	1.05E-03	1.06E-08	0.08	1.57E-01	1.34E-10	1,000,000	1.34E-04
170	0.44664	2.0875E-05	9.32E-06	1.05E-03	9.75E-09	0.08	1.57E-01	1.23E-10	1,000,000	1.23E-04
171	0.41271	2.0875E-05	8.62E-06	1.05E-03	9.00E-09	0.08	1.57E-01	1.13E-10	1,000,000	1.13E-04
172	0.49995	2.0875E-05	1.04E-05	1.05E-03	1.09E-08	0.08	1.57E-01	1.37E-10	1,000,000	1.37E-04
173	0.45788	2.0875E-05	9.56E-06	1.05E-03	9.99E-09	0.08	1.57E-01	1.26E-10	1,000,000	1.26E-04
174	0.42066	2.0875E-05	8.78E-06	1.05E-03	9.18E-09	0.08	1.57E-01	1.15E-10	1,000,000	1.15E-04
175	0.38888	2.0875E-05	8.12E-06	1.05E-03	8.49E-09	0.08	1.57E-01	1.07E-10	1,000,000	1.07E-04
176	0.46957	2.0875E-05	9.80E-06	1.05E-03	1.02E-08	0.08	1.57E-01	1.29E-10	1,000,000	1.29E-04
177	0.43187	2.0875E-05	9.02E-06	1.05E-03	9.42E-09	0.08	1.57E-01	1.18E-10	1,000,000	1.18E-04
178	0.39787	2.0875E-05	8.31E-06	1.05E-03	8.68E-09	0.08	1.57E-01	1.09E-10	1,000,000	1.09E-04
179	0.36832	2.0875E-05	7.69E-06	1.05E-03	8.04E-09	0.08	1.57E-01	1.01E-10	1,000,000	1.01E-04
180	0.44141	2.0875E-05	9.21E-06	1.05E-03	9.63E-09	0.08	1.57E-01	1.21E-10	1,000,000	1.21E-04
181	0.40781	2.0875E-05	8.51E-06	1.05E-03	8.90E-09	0.08	1.57E-01	1.12E-10	1,000,000	1.12E-04
182	0.37725	2.0875E-05	7.88E-06	1.05E-03	8.23E-09	0.08	1.57E-01	1.03E-10	1,000,000	1.03E-04
183	0.35013	2.0875E-05	7.31E-06	1.05E-03	7.64E-09	0.08	1.57E-01	9.60E-11	1,000,000	9.60E-05
184	0.58184	2.0875E-05	1.21E-05	1.05E-03	1.27E-08	0.08	1.57E-01	1.60E-10	1,000,000	1.60E-04
185	0.50311	2.0875E-05	1.05E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.38E-10	1,000,000	1.38E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.46578	2.0875E-05	9.72E-06	1.05E-03	1.02E-08	0.08	1.57E-01	1.28E-10	1,000,000	1.28E-04
187	0.43135	2.0875E-05	9.00E-06	1.05E-03	9.41E-09	0.08	1.57E-01	1.18E-10	1,000,000	1.18E-04
188	0.3994	2.0875E-05	8.34E-06	1.05E-03	8.71E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04
189	0.50226	2.0875E-05	1.05E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.38E-10	1,000,000	1.38E-04
190	0.46754	2.0875E-05	9.76E-06	1.05E-03	1.02E-08	0.08	1.57E-01	1.28E-10	1,000,000	1.28E-04
191	0.4354	2.0875E-05	9.09E-06	1.05E-03	9.50E-09	0.08	1.57E-01	1.19E-10	1,000,000	1.19E-04
192	0.40549	2.0875E-05	8.46E-06	1.05E-03	8.85E-09	0.08	1.57E-01	1.11E-10	1,000,000	1.11E-04
193	0.37721	2.0875E-05	7.87E-06	1.05E-03	8.23E-09	0.08	1.57E-01	1.03E-10	1,000,000	1.03E-04
194	0.46512	2.0875E-05	9.71E-06	1.05E-03	1.01E-08	0.08	1.57E-01	1.28E-10	1,000,000	1.28E-04
195	0.43527	2.0875E-05	9.09E-06	1.05E-03	9.50E-09	0.08	1.57E-01	1.19E-10	1,000,000	1.19E-04
196	0.40735	2.0875E-05	8.50E-06	1.05E-03	8.89E-09	0.08	1.57E-01	1.12E-10	1,000,000	1.12E-04
197	0.38088	2.0875E-05	7.95E-06	1.05E-03	8.31E-09	0.08	1.57E-01	1.04E-10	1,000,000	1.04E-04
198	0.35653	2.0875E-05	7.44E-06	1.05E-03	7.78E-09	0.08	1.57E-01	9.78E-11	1,000,000	9.78E-05
199	0.43198	2.0875E-05	9.02E-06	1.05E-03	9.43E-09	0.08	1.57E-01	1.18E-10	1,000,000	1.18E-04
200	0.40605	2.0875E-05	8.48E-06	1.05E-03	8.86E-09	0.08	1.57E-01	1.11E-10	1,000,000	1.11E-04
201	0.38153	2.0875E-05	7.96E-06	1.05E-03	8.32E-09	0.08	1.57E-01	1.05E-10	1,000,000	1.05E-04
202	0.35849	2.0875E-05	7.48E-06	1.05E-03	7.82E-09	0.08	1.57E-01	9.83E-11	1,000,000	9.83E-05
203	0.33702	2.0875E-05	7.04E-06	1.05E-03	7.35E-09	0.08	1.57E-01	9.24E-11	1,000,000	9.24E-05
204	0.50888	2.0875E-05	1.06E-05	1.05E-03	1.11E-08	0.08	1.57E-01	1.40E-10	1,000,000	1.40E-04
205	0.40229	2.0875E-05	8.40E-06	1.05E-03	8.78E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04
206	0.3796	2.0875E-05	7.92E-06	1.05E-03	8.28E-09	0.08	1.57E-01	1.04E-10	1,000,000	1.04E-04
207	0.3578	2.0875E-05	7.47E-06	1.05E-03	7.81E-09	0.08	1.57E-01	9.81E-11	1,000,000	9.81E-05
208	0.33779	2.0875E-05	7.05E-06	1.05E-03	7.37E-09	0.08	1.57E-01	9.27E-11	1,000,000	9.27E-05
209	0.46846	2.0875E-05	9.78E-06	1.05E-03	1.02E-08	0.08	1.57E-01	1.28E-10	1,000,000	1.28E-04
210	0.44328	2.0875E-05	9.25E-06	1.05E-03	9.67E-09	0.08	1.57E-01	1.22E-10	1,000,000	1.22E-04
211	0.41931	2.0875E-05	8.75E-06	1.05E-03	9.15E-09	0.08	1.57E-01	1.15E-10	1,000,000	1.15E-04
212	0.39685	2.0875E-05	8.28E-06	1.05E-03	8.66E-09	0.08	1.57E-01	1.09E-10	1,000,000	1.09E-04
213	0.37564	2.0875E-05	7.84E-06	1.05E-03	8.20E-09	0.08	1.57E-01	1.03E-10	1,000,000	1.03E-04
214	0.35538	2.0875E-05	7.42E-06	1.05E-03	7.75E-09	0.08	1.57E-01	9.75E-11	1,000,000	9.75E-05
215	0.33638	2.0875E-05	7.02E-06	1.05E-03	7.34E-09	0.08	1.57E-01	9.23E-11	1,000,000	9.23E-05
216	0.43999	2.0875E-05	9.18E-06	1.05E-03	9.60E-09	0.08	1.57E-01	1.21E-10	1,000,000	1.21E-04
217	0.42109	2.0875E-05	8.79E-06	1.05E-03	9.19E-09	0.08	1.57E-01	1.16E-10	1,000,000	1.16E-04
218	0.4012	2.0875E-05	8.38E-06	1.05E-03	8.75E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.38229	2.0875E-05	7.98E-06	1.05E-03	8.34E-09	0.08	1.57E-01	1.05E-10	1,000,000	1.05E-04
220	0.3638	2.0875E-05	7.59E-06	1.05E-03	7.94E-09	0.08	1.57E-01	9.98E-11	1,000,000	9.98E-05
221	0.34616	2.0875E-05	7.23E-06	1.05E-03	7.55E-09	0.08	1.57E-01	9.50E-11	1,000,000	9.50E-05
222	0.40765	2.0875E-05	8.51E-06	1.05E-03	8.89E-09	0.08	1.57E-01	1.12E-10	1,000,000	1.12E-04
223	0.39079	2.0875E-05	8.16E-06	1.05E-03	8.53E-09	0.08	1.57E-01	1.07E-10	1,000,000	1.07E-04
224	0.37357	2.0875E-05	7.80E-06	1.05E-03	8.15E-09	0.08	1.57E-01	1.02E-10	1,000,000	1.02E-04
225	0.35688	2.0875E-05	7.45E-06	1.05E-03	7.79E-09	0.08	1.57E-01	9.79E-11	1,000,000	9.79E-05
226	0.34036	2.0875E-05	7.11E-06	1.05E-03	7.43E-09	0.08	1.57E-01	9.34E-11	1,000,000	9.34E-05
227	0.37896	2.0875E-05	7.91E-06	1.05E-03	8.27E-09	0.08	1.57E-01	1.04E-10	1,000,000	1.04E-04
228	0.36398	2.0875E-05	7.60E-06	1.05E-03	7.94E-09	0.08	1.57E-01	9.98E-11	1,000,000	9.98E-05
229	0.34893	2.0875E-05	7.28E-06	1.05E-03	7.61E-09	0.08	1.57E-01	9.57E-11	1,000,000	9.57E-05
230	0.33373	2.0875E-05	6.97E-06	1.05E-03	7.28E-09	0.08	1.57E-01	9.15E-11	1,000,000	9.15E-05
231	0.35335	2.0875E-05	7.38E-06	1.05E-03	7.71E-09	0.08	1.57E-01	9.69E-11	1,000,000	9.69E-05
232	0.3403	2.0875E-05	7.10E-06	1.05E-03	7.43E-09	0.08	1.57E-01	9.33E-11	1,000,000	9.33E-05
233	0.32685	2.0875E-05	6.82E-06	1.05E-03	7.13E-09	0.08	1.57E-01	8.97E-11	1,000,000	8.97E-05
234	0.3133	2.0875E-05	6.54E-06	1.05E-03	6.84E-09	0.08	1.57E-01	8.59E-11	1,000,000	8.59E-05
235	0.3307	2.0875E-05	6.90E-06	1.05E-03	7.22E-09	0.08	1.57E-01	9.07E-11	1,000,000	9.07E-05
236	0.3191	2.0875E-05	6.66E-06	1.05E-03	6.96E-09	0.08	1.57E-01	8.75E-11	1,000,000	8.75E-05
237	0.30687	2.0875E-05	6.41E-06	1.05E-03	6.70E-09	0.08	1.57E-01	8.42E-11	1,000,000	8.42E-05
238	0.29491	2.0875E-05	6.16E-06	1.05E-03	6.43E-09	0.08	1.57E-01	8.09E-11	1,000,000	8.09E-05
239	0.31043	2.0875E-05	6.48E-06	1.05E-03	6.77E-09	0.08	1.57E-01	8.51E-11	1,000,000	8.51E-05
240	0.29997	2.0875E-05	6.26E-06	1.05E-03	6.55E-09	0.08	1.57E-01	8.23E-11	1,000,000	8.23E-05
241	0.28894	2.0875E-05	6.03E-06	1.05E-03	6.30E-09	0.08	1.57E-01	7.93E-11	1,000,000	7.93E-05
242	0.27825	2.0875E-05	5.81E-06	1.05E-03	6.07E-09	0.08	1.57E-01	7.63E-11	1,000,000	7.63E-05
243	0.31786	2.0875E-05	6.64E-06	1.05E-03	6.94E-09	0.08	1.57E-01	8.72E-11	1,000,000	8.72E-05
244	0.32356	2.0875E-05	6.75E-06	1.05E-03	7.06E-09	0.08	1.57E-01	8.88E-11	1,000,000	8.88E-05
245	0.327	2.0875E-05	6.83E-06	1.05E-03	7.13E-09	0.08	1.57E-01	8.97E-11	1,000,000	8.97E-05
246	0.32796	2.0875E-05	6.85E-06	1.05E-03	7.16E-09	0.08	1.57E-01	9.00E-11	1,000,000	9.00E-05
247	0.32621	2.0875E-05	6.81E-06	1.05E-03	7.12E-09	0.08	1.57E-01	8.95E-11	1,000,000	8.95E-05
248	0.32211	2.0875E-05	6.72E-06	1.05E-03	7.03E-09	0.08	1.57E-01	8.84E-11	1,000,000	8.84E-05
249	0.31574	2.0875E-05	6.59E-06	1.05E-03	6.89E-09	0.08	1.57E-01	8.66E-11	1,000,000	8.66E-05
250	0.3003	2.0875E-05	6.27E-06	1.05E-03	6.55E-09	0.08	1.57E-01	8.24E-11	1,000,000	8.24E-05
251	0.30509	2.0875E-05	6.37E-06	1.05E-03	6.66E-09	0.08	1.57E-01	8.37E-11	1,000,000	8.37E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.30787	2.0875E-05	6.43E-06	1.05E-03	6.72E-09	0.08	1.57E-01	8.44E-11	1,000,000	8.44E-05
253	0.30845	2.0875E-05	6.44E-06	1.05E-03	6.73E-09	0.08	1.57E-01	8.46E-11	1,000,000	8.46E-05
254	0.30665	2.0875E-05	6.40E-06	1.05E-03	6.69E-09	0.08	1.57E-01	8.41E-11	1,000,000	8.41E-05
255	0.30281	2.0875E-05	6.32E-06	1.05E-03	6.61E-09	0.08	1.57E-01	8.31E-11	1,000,000	8.31E-05
256	0.2968	2.0875E-05	6.20E-06	1.05E-03	6.48E-09	0.08	1.57E-01	8.14E-11	1,000,000	8.14E-05
257	0.28425	2.0875E-05	5.93E-06	1.05E-03	6.20E-09	0.08	1.57E-01	7.80E-11	1,000,000	7.80E-05
258	0.28829	2.0875E-05	6.02E-06	1.05E-03	6.29E-09	0.08	1.57E-01	7.91E-11	1,000,000	7.91E-05
259	0.29052	2.0875E-05	6.06E-06	1.05E-03	6.34E-09	0.08	1.57E-01	7.97E-11	1,000,000	7.97E-05
260	0.29081	2.0875E-05	6.07E-06	1.05E-03	6.35E-09	0.08	1.57E-01	7.98E-11	1,000,000	7.98E-05
261	0.28901	2.0875E-05	6.03E-06	1.05E-03	6.31E-09	0.08	1.57E-01	7.93E-11	1,000,000	7.93E-05
262	0.28539	2.0875E-05	5.96E-06	1.05E-03	6.23E-09	0.08	1.57E-01	7.83E-11	1,000,000	7.83E-05
263	0.27994	2.0875E-05	5.84E-06	1.05E-03	6.11E-09	0.08	1.57E-01	7.68E-11	1,000,000	7.68E-05
264	0.26951	2.0875E-05	5.63E-06	1.05E-03	5.88E-09	0.08	1.57E-01	7.39E-11	1,000,000	7.39E-05
265	0.27296	2.0875E-05	5.70E-06	1.05E-03	5.96E-09	0.08	1.57E-01	7.49E-11	1,000,000	7.49E-05
266	0.27475	2.0875E-05	5.74E-06	1.05E-03	5.99E-09	0.08	1.57E-01	7.54E-11	1,000,000	7.54E-05
267	0.27481	2.0875E-05	5.74E-06	1.05E-03	6.00E-09	0.08	1.57E-01	7.54E-11	1,000,000	7.54E-05
268	0.27311	2.0875E-05	5.70E-06	1.05E-03	5.96E-09	0.08	1.57E-01	7.49E-11	1,000,000	7.49E-05
269	0.26972	2.0875E-05	5.63E-06	1.05E-03	5.89E-09	0.08	1.57E-01	7.40E-11	1,000,000	7.40E-05
270	0.26471	2.0875E-05	5.53E-06	1.05E-03	5.78E-09	0.08	1.57E-01	7.26E-11	1,000,000	7.26E-05
271	0.25603	2.0875E-05	5.34E-06	1.05E-03	5.59E-09	0.08	1.57E-01	7.02E-11	1,000,000	7.02E-05
272	0.25894	2.0875E-05	5.41E-06	1.05E-03	5.65E-09	0.08	1.57E-01	7.10E-11	1,000,000	7.10E-05
273	0.26036	2.0875E-05	5.44E-06	1.05E-03	5.68E-09	0.08	1.57E-01	7.14E-11	1,000,000	7.14E-05
274	0.26023	2.0875E-05	5.43E-06	1.05E-03	5.68E-09	0.08	1.57E-01	7.14E-11	1,000,000	7.14E-05
275	0.25855	2.0875E-05	5.40E-06	1.05E-03	5.64E-09	0.08	1.57E-01	7.09E-11	1,000,000	7.09E-05
276	0.25539	2.0875E-05	5.33E-06	1.05E-03	5.57E-09	0.08	1.57E-01	7.01E-11	1,000,000	7.01E-05
277	0.25076	2.0875E-05	5.23E-06	1.05E-03	5.47E-09	0.08	1.57E-01	6.88E-11	1,000,000	6.88E-05
278	0.19991	2.0875E-05	4.17E-06	1.05E-03	4.36E-09	0.08	1.57E-01	5.48E-11	1,000,000	5.48E-05
279	0.20429	2.0875E-05	4.26E-06	1.05E-03	4.46E-09	0.08	1.57E-01	5.60E-11	1,000,000	5.60E-05
280	0.21584	2.0875E-05	4.51E-06	1.05E-03	4.71E-09	0.08	1.57E-01	5.92E-11	1,000,000	5.92E-05
281	0.21295	2.0875E-05	4.45E-06	1.05E-03	4.65E-09	0.08	1.57E-01	5.84E-11	1,000,000	5.84E-05
282	0.22642	2.0875E-05	4.73E-06	1.05E-03	4.94E-09	0.08	1.57E-01	6.21E-11	1,000,000	6.21E-05
283	0.20109	2.0875E-05	4.20E-06	1.05E-03	4.39E-09	0.08	1.57E-01	5.52E-11	1,000,000	5.52E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	2.65446	2.0875E-05	5.54E-05	6.05E-04	3.35E-08	0.08	4.71E-02	1.26E-10	1,000,000	1.26E-04
27	3.17332	2.0875E-05	6.62E-05	6.05E-04	4.01E-08	0.08	4.71E-02	1.51E-10	1,000,000	1.51E-04
28	3.8718	2.0875E-05	8.08E-05	6.05E-04	4.89E-08	0.08	4.71E-02	1.84E-10	1,000,000	1.84E-04
29	4.84653	2.0875E-05	1.01E-04	6.05E-04	6.12E-08	0.08	4.71E-02	2.31E-10	1,000,000	2.31E-04
30	6.26753	2.0875E-05	1.31E-04	6.05E-04	7.92E-08	0.08	4.71E-02	2.99E-10	1,000,000	2.99E-04
31	8.44701	2.0875E-05	1.76E-04	6.05E-04	1.07E-07	0.08	4.71E-02	4.02E-10	1,000,000	4.02E-04
32	11.98271	2.0875E-05	2.50E-04	6.05E-04	1.51E-07	0.08	4.71E-02	5.71E-10	1,000,000	5.71E-04
33	18.072	2.0875E-05	3.77E-04	6.05E-04	2.28E-07	0.08	4.71E-02	8.61E-10	1,000,000	8.61E-04
34	29.41863	2.0875E-05	6.14E-04	6.05E-04	3.72E-07	0.08	4.71E-02	1.40E-09	1,000,000	1.40E-03
35	55.01483	2.0875E-05	1.15E-03	6.05E-04	6.95E-07	0.08	4.71E-02	2.62E-09	1,000,000	2.62E-03
36	50.90441	2.0875E-05	1.06E-03	6.05E-04	6.43E-07	0.08	4.71E-02	2.42E-09	1,000,000	2.42E-03
37	2.68513	2.0875E-05	5.61E-05	6.05E-04	3.39E-08	0.08	4.71E-02	1.28E-10	1,000,000	1.28E-04
38	3.21429	2.0875E-05	6.71E-05	6.05E-04	4.06E-08	0.08	4.71E-02	1.53E-10	1,000,000	1.53E-04
39	3.92709	2.0875E-05	8.20E-05	6.05E-04	4.96E-08	0.08	4.71E-02	1.87E-10	1,000,000	1.87E-04
40	4.91957	2.0875E-05	1.03E-04	6.05E-04	6.21E-08	0.08	4.71E-02	2.34E-10	1,000,000	2.34E-04
41	6.35491	2.0875E-05	1.33E-04	6.05E-04	8.03E-08	0.08	4.71E-02	3.03E-10	1,000,000	3.03E-04
42	8.51808	2.0875E-05	1.78E-04	6.05E-04	1.08E-07	0.08	4.71E-02	4.06E-10	1,000,000	4.06E-04
43	11.92758	2.0875E-05	2.49E-04	6.05E-04	1.51E-07	0.08	4.71E-02	5.68E-10	1,000,000	5.68E-04
44	17.59864	2.0875E-05	3.67E-04	6.05E-04	2.22E-07	0.08	4.71E-02	8.38E-10	1,000,000	8.38E-04
45	27.91014	2.0875E-05	5.83E-04	6.05E-04	3.53E-07	0.08	4.71E-02	1.33E-09	1,000,000	1.33E-03
46	51.57273	2.0875E-05	1.08E-03	6.05E-04	6.51E-07	0.08	4.71E-02	2.46E-09	1,000,000	2.46E-03
47	50.20761	2.0875E-05	1.05E-03	6.05E-04	6.34E-07	0.08	4.71E-02	2.39E-09	1,000,000	2.39E-03
48	2.6991	2.0875E-05	5.63E-05	6.05E-04	3.41E-08	0.08	4.71E-02	1.29E-10	1,000,000	1.29E-04
49	3.23321	2.0875E-05	6.75E-05	6.05E-04	4.08E-08	0.08	4.71E-02	1.54E-10	1,000,000	1.54E-04
50	3.95189	2.0875E-05	8.25E-05	6.05E-04	4.99E-08	0.08	4.71E-02	1.88E-10	1,000,000	1.88E-04
51	4.94809	2.0875E-05	1.03E-04	6.05E-04	6.25E-08	0.08	4.71E-02	2.36E-10	1,000,000	2.36E-04
52	6.37517	2.0875E-05	1.33E-04	6.05E-04	8.05E-08	0.08	4.71E-02	3.04E-10	1,000,000	3.04E-04
53	8.49344	2.0875E-05	1.77E-04	6.05E-04	1.07E-07	0.08	4.71E-02	4.05E-10	1,000,000	4.05E-04
54	11.77074	2.0875E-05	2.46E-04	6.05E-04	1.49E-07	0.08	4.71E-02	5.61E-10	1,000,000	5.61E-04
55	17.14292	2.0875E-05	3.58E-04	6.05E-04	2.17E-07	0.08	4.71E-02	8.17E-10	1,000,000	8.17E-04
56	26.92533	2.0875E-05	5.62E-04	6.05E-04	3.40E-07	0.08	4.71E-02	1.28E-09	1,000,000	1.28E-03
57	49.88928	2.0875E-05	1.04E-03	6.05E-04	6.30E-07	0.08	4.71E-02	2.38E-09	1,000,000	2.38E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	49.67994	2.0875E-05	1.04E-03	6.05E-04	6.28E-07	0.08	4.71E-02	2.37E-09	1,000,000	2.37E-03
59	2.69678	2.0875E-05	5.63E-05	6.05E-04	3.41E-08	0.08	4.71E-02	1.28E-10	1,000,000	1.28E-04
60	3.22984	2.0875E-05	6.74E-05	6.05E-04	4.08E-08	0.08	4.71E-02	1.54E-10	1,000,000	1.54E-04
61	3.94487	2.0875E-05	8.24E-05	6.05E-04	4.98E-08	0.08	4.71E-02	1.88E-10	1,000,000	1.88E-04
62	4.93002	2.0875E-05	1.03E-04	6.05E-04	6.23E-08	0.08	4.71E-02	2.35E-10	1,000,000	2.35E-04
63	6.32808	2.0875E-05	1.32E-04	6.05E-04	7.99E-08	0.08	4.71E-02	3.01E-10	1,000,000	3.01E-04
64	8.37964	2.0875E-05	1.75E-04	6.05E-04	1.06E-07	0.08	4.71E-02	3.99E-10	1,000,000	3.99E-04
65	11.52287	2.0875E-05	2.41E-04	6.05E-04	1.46E-07	0.08	4.71E-02	5.49E-10	1,000,000	5.49E-04
66	16.66449	2.0875E-05	3.48E-04	6.05E-04	2.10E-07	0.08	4.71E-02	7.94E-10	1,000,000	7.94E-04
67	26.11501	2.0875E-05	5.45E-04	6.05E-04	3.30E-07	0.08	4.71E-02	1.24E-09	1,000,000	1.24E-03
68	48.50948	2.0875E-05	1.01E-03	6.05E-04	6.13E-07	0.08	4.71E-02	2.31E-09	1,000,000	2.31E-03
69	48.79922	2.0875E-05	1.02E-03	6.05E-04	6.16E-07	0.08	4.71E-02	2.32E-09	1,000,000	2.32E-03
70	2.67865	2.0875E-05	5.59E-05	6.05E-04	3.38E-08	0.08	4.71E-02	1.28E-10	1,000,000	1.28E-04
71	3.20425	2.0875E-05	6.69E-05	6.05E-04	4.05E-08	0.08	4.71E-02	1.53E-10	1,000,000	1.53E-04
72	3.90571	2.0875E-05	8.15E-05	6.05E-04	4.93E-08	0.08	4.71E-02	1.86E-10	1,000,000	1.86E-04
73	4.86526	2.0875E-05	1.02E-04	6.05E-04	6.15E-08	0.08	4.71E-02	2.32E-10	1,000,000	2.32E-04
74	6.21522	2.0875E-05	1.30E-04	6.05E-04	7.85E-08	0.08	4.71E-02	2.96E-10	1,000,000	2.96E-04
75	8.18005	2.0875E-05	1.71E-04	6.05E-04	1.03E-07	0.08	4.71E-02	3.90E-10	1,000,000	3.90E-04
76	11.17745	2.0875E-05	2.33E-04	6.05E-04	1.41E-07	0.08	4.71E-02	5.32E-10	1,000,000	5.32E-04
77	16.09552	2.0875E-05	3.36E-04	6.05E-04	2.03E-07	0.08	4.71E-02	7.67E-10	1,000,000	7.67E-04
78	25.22017	2.0875E-05	5.26E-04	6.05E-04	3.19E-07	0.08	4.71E-02	1.20E-09	1,000,000	1.20E-03
79	46.93592	2.0875E-05	9.80E-04	6.05E-04	5.93E-07	0.08	4.71E-02	2.24E-09	1,000,000	2.24E-03
80	47.36955	2.0875E-05	9.89E-04	6.05E-04	5.98E-07	0.08	4.71E-02	2.26E-09	1,000,000	2.26E-03
81	2.64537	2.0875E-05	5.52E-05	6.05E-04	3.34E-08	0.08	4.71E-02	1.26E-10	1,000,000	1.26E-04
82	3.15725	2.0875E-05	6.59E-05	6.05E-04	3.99E-08	0.08	4.71E-02	1.50E-10	1,000,000	1.50E-04
83	3.83579	2.0875E-05	8.01E-05	6.05E-04	4.85E-08	0.08	4.71E-02	1.83E-10	1,000,000	1.83E-04
84	4.75635	2.0875E-05	9.93E-05	6.05E-04	6.01E-08	0.08	4.71E-02	2.27E-10	1,000,000	2.27E-04
85	6.04041	2.0875E-05	1.26E-04	6.05E-04	7.63E-08	0.08	4.71E-02	2.88E-10	1,000,000	2.88E-04
86	7.89624	2.0875E-05	1.65E-04	6.05E-04	9.97E-08	0.08	4.71E-02	3.76E-10	1,000,000	3.76E-04
87	10.71879	2.0875E-05	2.24E-04	6.05E-04	1.35E-07	0.08	4.71E-02	5.11E-10	1,000,000	5.11E-04
88	15.36265	2.0875E-05	3.21E-04	6.05E-04	1.94E-07	0.08	4.71E-02	7.32E-10	1,000,000	7.32E-04
89	24.04551	2.0875E-05	5.02E-04	6.05E-04	3.04E-07	0.08	4.71E-02	1.15E-09	1,000,000	1.15E-03
90	44.84095	2.0875E-05	9.36E-04	6.05E-04	5.66E-07	0.08	4.71E-02	2.14E-09	1,000,000	2.14E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	45.00417	2.0875E-05	9.39E-04	6.05E-04	5.68E-07	0.08	4.71E-02	2.14E-09	1,000,000	2.14E-03
92	2.59785	2.0875E-05	5.42E-05	6.05E-04	3.28E-08	0.08	4.71E-02	1.24E-10	1,000,000	1.24E-04
93	3.09039	2.0875E-05	6.45E-05	6.05E-04	3.90E-08	0.08	4.71E-02	1.47E-10	1,000,000	1.47E-04
94	3.73791	2.0875E-05	7.80E-05	6.05E-04	4.72E-08	0.08	4.71E-02	1.78E-10	1,000,000	1.78E-04
95	4.60814	2.0875E-05	9.62E-05	6.05E-04	5.82E-08	0.08	4.71E-02	2.20E-10	1,000,000	2.20E-04
96	5.81025	2.0875E-05	1.21E-04	6.05E-04	7.34E-08	0.08	4.71E-02	2.77E-10	1,000,000	2.77E-04
97	7.53252	2.0875E-05	1.57E-04	6.05E-04	9.51E-08	0.08	4.71E-02	3.59E-10	1,000,000	3.59E-04
98	10.13509	2.0875E-05	2.12E-04	6.05E-04	1.28E-07	0.08	4.71E-02	4.83E-10	1,000,000	4.83E-04
99	14.40415	2.0875E-05	3.01E-04	6.05E-04	1.82E-07	0.08	4.71E-02	6.86E-10	1,000,000	6.86E-04
100	22.40345	2.0875E-05	4.68E-04	6.05E-04	2.83E-07	0.08	4.71E-02	1.07E-09	1,000,000	1.07E-03
101	41.74113	2.0875E-05	8.71E-04	6.05E-04	5.27E-07	0.08	4.71E-02	1.99E-09	1,000,000	1.99E-03
102	40.60476	2.0875E-05	8.48E-04	6.05E-04	5.13E-07	0.08	4.71E-02	1.93E-09	1,000,000	1.93E-03
103	4.44375	2.0875E-05	9.28E-05	6.05E-04	5.61E-08	0.08	4.71E-02	2.12E-10	1,000,000	2.12E-04
104	5.54484	2.0875E-05	1.16E-04	6.05E-04	7.00E-08	0.08	4.71E-02	2.64E-10	1,000,000	2.64E-04
105	7.16513	2.0875E-05	1.50E-04	6.05E-04	9.05E-08	0.08	4.71E-02	3.41E-10	1,000,000	3.41E-04
106	9.57787	2.0875E-05	2.00E-04	6.05E-04	1.21E-07	0.08	4.71E-02	4.56E-10	1,000,000	4.56E-04
107	13.20072	2.0875E-05	2.76E-04	6.05E-04	1.67E-07	0.08	4.71E-02	6.29E-10	1,000,000	6.29E-04
108	20.13649	2.0875E-05	4.20E-04	6.05E-04	2.54E-07	0.08	4.71E-02	9.59E-10	1,000,000	9.59E-04
109	36.73334	2.0875E-05	7.67E-04	6.05E-04	4.64E-07	0.08	4.71E-02	1.75E-09	1,000,000	1.75E-03
110	30.03946	2.0875E-05	6.27E-04	6.05E-04	3.79E-07	0.08	4.71E-02	1.43E-09	1,000,000	1.43E-03
111	3.6469	2.0875E-05	7.61E-05	6.05E-04	4.61E-08	0.08	4.71E-02	1.74E-10	1,000,000	1.74E-04
112	2.96847	2.0875E-05	6.20E-05	6.05E-04	3.75E-08	0.08	4.71E-02	1.41E-10	1,000,000	1.41E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	2.65446	2.0875E-05	3.4219E-05	2.50E-04	8.56E-09	0.08	1.57E-02	1.08E-11	1,000,000	1.08E-05
27	3.17332	2.0875E-05	3.7327E-05	2.50E-04	9.34E-09	0.08	1.57E-02	1.17E-11	1,000,000	1.17E-05
28	3.8718	2.0875E-05	4.0729E-05	2.50E-04	1.02E-08	0.08	1.57E-02	1.28E-11	1,000,000	1.28E-05
29	4.84653	2.0875E-05	4.4321E-05	2.50E-04	1.11E-08	0.08	1.57E-02	1.39E-11	1,000,000	1.39E-05
30	6.26753	2.0875E-05	4.7964E-05	2.50E-04	1.20E-08	0.08	1.57E-02	1.51E-11	1,000,000	1.51E-05
31	8.44701	2.0875E-05	5.1497E-05	2.50E-04	1.29E-08	0.08	1.57E-02	1.62E-11	1,000,000	1.62E-05
32	11.98271	2.0875E-05	5.4771E-05	2.50E-04	1.37E-08	0.08	1.57E-02	1.72E-11	1,000,000	1.72E-05
33	18.072	2.0875E-05	5.765E-05	2.50E-04	1.44E-08	0.08	1.57E-02	1.81E-11	1,000,000	1.81E-05
34	29.41863	2.0875E-05	6.0032E-05	2.50E-04	1.50E-08	0.08	1.57E-02	1.89E-11	1,000,000	1.89E-05
35	55.01483	2.0875E-05	6.1854E-05	2.50E-04	1.55E-08	0.08	1.57E-02	1.95E-11	1,000,000	1.95E-05
36	50.90441	2.0875E-05	6.2955E-05	2.50E-04	1.58E-08	0.08	1.57E-02	1.98E-11	1,000,000	1.98E-05
37	2.68513	2.0875E-05	3.8327E-05	2.50E-04	9.59E-09	0.08	1.57E-02	1.21E-11	1,000,000	1.21E-05
38	3.21429	2.0875E-05	4.2206E-05	2.50E-04	1.06E-08	0.08	1.57E-02	1.33E-11	1,000,000	1.33E-05
39	3.92709	2.0875E-05	4.6491E-05	2.50E-04	1.16E-08	0.08	1.57E-02	1.46E-11	1,000,000	1.46E-05
40	4.91957	2.0875E-05	5.1027E-05	2.50E-04	1.28E-08	0.08	1.57E-02	1.61E-11	1,000,000	1.61E-05
41	6.35491	2.0875E-05	5.5589E-05	2.50E-04	1.39E-08	0.08	1.57E-02	1.75E-11	1,000,000	1.75E-05
42	8.51808	2.0875E-05	5.9941E-05	2.50E-04	1.50E-08	0.08	1.57E-02	1.89E-11	1,000,000	1.89E-05
43	11.92758	2.0875E-05	6.3868E-05	2.50E-04	1.60E-08	0.08	1.57E-02	2.01E-11	1,000,000	2.01E-05
44	17.59864	2.0875E-05	6.7211E-05	2.50E-04	1.68E-08	0.08	1.57E-02	2.11E-11	1,000,000	2.11E-05
45	27.91014	2.0875E-05	6.9861E-05	2.50E-04	1.75E-08	0.08	1.57E-02	2.20E-11	1,000,000	2.20E-05
46	51.57273	2.0875E-05	7.1772E-05	2.50E-04	1.80E-08	0.08	1.57E-02	2.26E-11	1,000,000	2.26E-05
47	50.20761	2.0875E-05	7.2766E-05	2.50E-04	1.82E-08	0.08	1.57E-02	2.29E-11	1,000,000	2.29E-05
48	2.6991	2.0875E-05	4.3339E-05	2.50E-04	1.08E-08	0.08	1.57E-02	1.36E-11	1,000,000	1.36E-05
49	3.23321	2.0875E-05	4.8298E-05	2.50E-04	1.21E-08	0.08	1.57E-02	1.52E-11	1,000,000	1.52E-05
50	3.95189	2.0875E-05	5.3843E-05	2.50E-04	1.35E-08	0.08	1.57E-02	1.69E-11	1,000,000	1.69E-05
51	4.94809	2.0875E-05	5.9713E-05	2.50E-04	1.49E-08	0.08	1.57E-02	1.88E-11	1,000,000	1.88E-05
52	6.37517	2.0875E-05	6.5534E-05	2.50E-04	1.64E-08	0.08	1.57E-02	2.06E-11	1,000,000	2.06E-05
53	8.49344	2.0875E-05	7.0942E-05	2.50E-04	1.78E-08	0.08	1.57E-02	2.23E-11	1,000,000	2.23E-05
54	11.77074	2.0875E-05	7.5656E-05	2.50E-04	1.89E-08	0.08	1.57E-02	2.38E-11	1,000,000	2.38E-05
55	17.14292	2.0875E-05	7.9505E-05	2.50E-04	1.99E-08	0.08	1.57E-02	2.50E-11	1,000,000	2.50E-05
56	26.92533	2.0875E-05	8.2403E-05	2.50E-04	2.06E-08	0.08	1.57E-02	2.59E-11	1,000,000	2.59E-05
57	49.88928	2.0875E-05	8.4342E-05	2.50E-04	2.11E-08	0.08	1.57E-02	2.65E-11	1,000,000	2.65E-05
58	49.67994	2.0875E-05	8.5123E-05	2.50E-04	2.13E-08	0.08	1.57E-02	2.68E-11	1,000,000	2.68E-05
59	2.69678	2.0875E-05	4.9583E-05	2.50E-04	1.24E-08	0.08	1.57E-02	1.56E-11	1,000,000	1.56E-05
60	3.22984	2.0875E-05	5.613E-05	2.50E-04	1.40E-08	0.08	1.57E-02	1.77E-11	1,000,000	1.77E-05
61	3.94487	2.0875E-05	6.3563E-05	2.50E-04	1.59E-08	0.08	1.57E-02	2.00E-11	1,000,000	2.00E-05
62	4.93002	2.0875E-05	7.1393E-05	2.50E-04	1.79E-08	0.08	1.57E-02	2.25E-11	1,000,000	2.25E-05
63	6.32808	2.0875E-05	7.896E-05	2.50E-04	1.98E-08	0.08	1.57E-02	2.48E-11	1,000,000	2.48E-05
64	8.37964	2.0875E-05	8.5711E-05	2.50E-04	2.15E-08	0.08	1.57E-02	2.70E-11	1,000,000	2.70E-05
65	11.52287	2.0875E-05	9.1332E-05	2.50E-04	2.29E-08	0.08	1.57E-02	2.87E-11	1,000,000	2.87E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	16.66449	2.0875E-05	9.5697E-05	2.50E-04	2.40E-08	0.08	1.57E-02	3.01E-11	1,000,000	3.01E-05
67	26.11501	2.0875E-05	9.8789E-05	2.50E-04	2.47E-08	0.08	1.57E-02	3.11E-11	1,000,000	3.11E-05
68	48.50948	2.0875E-05	0.00010066	2.50E-04	2.52E-08	0.08	1.57E-02	3.17E-11	1,000,000	3.17E-05
69	48.79922	2.0875E-05	0.00010108	2.50E-04	2.53E-08	0.08	1.57E-02	3.18E-11	1,000,000	3.18E-05
70	2.67865	2.0875E-05	5.758E-05	2.50E-04	1.44E-08	0.08	1.57E-02	1.81E-11	1,000,000	1.81E-05
71	3.20425	2.0875E-05	6.6622E-05	2.50E-04	1.67E-08	0.08	1.57E-02	2.10E-11	1,000,000	2.10E-05
72	3.90571	2.0875E-05	7.7089E-05	2.50E-04	1.93E-08	0.08	1.57E-02	2.43E-11	1,000,000	2.43E-05
73	4.86526	2.0875E-05	8.793E-05	2.50E-04	2.20E-08	0.08	1.57E-02	2.77E-11	1,000,000	2.77E-05
74	6.21522	2.0875E-05	9.7905E-05	2.50E-04	2.45E-08	0.08	1.57E-02	3.08E-11	1,000,000	3.08E-05
75	8.18005	2.0875E-05	0.00010629	2.50E-04	2.66E-08	0.08	1.57E-02	3.34E-11	1,000,000	3.34E-05
76	11.17745	2.0875E-05	0.00011288	2.50E-04	2.83E-08	0.08	1.57E-02	3.55E-11	1,000,000	3.55E-05
77	16.09552	2.0875E-05	0.00011772	2.50E-04	2.95E-08	0.08	1.57E-02	3.70E-11	1,000,000	3.70E-05
78	25.22017	2.0875E-05	0.00012091	2.50E-04	3.03E-08	0.08	1.57E-02	3.80E-11	1,000,000	3.80E-05
79	46.93592	2.0875E-05	0.00012258	2.50E-04	3.07E-08	0.08	1.57E-02	3.86E-11	1,000,000	3.86E-05
80	47.36955	2.0875E-05	0.00012245	2.50E-04	3.06E-08	0.08	1.57E-02	3.85E-11	1,000,000	3.85E-05
81	2.64537	2.0875E-05	6.8214E-05	2.50E-04	1.71E-08	0.08	1.57E-02	2.15E-11	1,000,000	2.15E-05
82	3.15725	2.0875E-05	8.16E-05	2.50E-04	2.04E-08	0.08	1.57E-02	2.57E-11	1,000,000	2.57E-05
83	3.83579	2.0875E-05	9.7476E-05	2.50E-04	2.44E-08	0.08	1.57E-02	3.07E-11	1,000,000	3.07E-05
84	4.75635	2.0875E-05	0.00011311	2.50E-04	2.83E-08	0.08	1.57E-02	3.56E-11	1,000,000	3.56E-05
85	6.04041	2.0875E-05	0.00012625	2.50E-04	3.16E-08	0.08	1.57E-02	3.97E-11	1,000,000	3.97E-05
86	7.89624	2.0875E-05	0.00013645	2.50E-04	3.41E-08	0.08	1.57E-02	4.29E-11	1,000,000	4.29E-05
87	10.71879	2.0875E-05	0.00014398	2.50E-04	3.60E-08	0.08	1.57E-02	4.53E-11	1,000,000	4.53E-05
88	15.36265	2.0875E-05	0.00014917	2.50E-04	3.73E-08	0.08	1.57E-02	4.69E-11	1,000,000	4.69E-05
89	24.04551	2.0875E-05	0.0001523	2.50E-04	3.81E-08	0.08	1.57E-02	4.79E-11	1,000,000	4.79E-05
90	44.84095	2.0875E-05	0.00015361	2.50E-04	3.84E-08	0.08	1.57E-02	4.83E-11	1,000,000	4.83E-05
91	45.00417	2.0875E-05	0.00015268	2.50E-04	3.82E-08	0.08	1.57E-02	4.80E-11	1,000,000	4.80E-05
92	2.59785	2.0875E-05	8.3093E-05	2.50E-04	2.08E-08	0.08	1.57E-02	2.61E-11	1,000,000	2.61E-05
93	3.09039	2.0875E-05	0.00010544	2.50E-04	2.64E-08	0.08	1.57E-02	3.32E-11	1,000,000	3.32E-05
94	3.73791	2.0875E-05	0.00013256	2.50E-04	3.32E-08	0.08	1.57E-02	4.17E-11	1,000,000	4.17E-05
95	4.60814	2.0875E-05	0.00015565	2.50E-04	3.90E-08	0.08	1.57E-02	4.90E-11	1,000,000	4.90E-05
96	5.81025	2.0875E-05	0.0001724	2.50E-04	4.31E-08	0.08	1.57E-02	5.42E-11	1,000,000	5.42E-05
97	7.53252	2.0875E-05	0.00018432	2.50E-04	4.61E-08	0.08	1.57E-02	5.80E-11	1,000,000	5.80E-05
98	10.13509	2.0875E-05	0.00019258	2.50E-04	4.82E-08	0.08	1.57E-02	6.06E-11	1,000,000	6.06E-05
99	14.40415	2.0875E-05	0.00019792	2.50E-04	4.95E-08	0.08	1.57E-02	6.23E-11	1,000,000	6.23E-05
100	22.40345	2.0875E-05	0.00020076	2.50E-04	5.02E-08	0.08	1.57E-02	6.32E-11	1,000,000	6.32E-05
101	41.74113	2.0875E-05	0.00020151	2.50E-04	5.04E-08	0.08	1.57E-02	6.34E-11	1,000,000	6.34E-05
102	40.60476	2.0875E-05	0.0001995	2.50E-04	4.99E-08	0.08	1.57E-02	6.28E-11	1,000,000	6.28E-05
103	4.44375	2.0875E-05	0.00021733	2.50E-04	5.44E-08	0.08	1.57E-02	6.84E-11	1,000,000	6.84E-05
104	5.54484	2.0875E-05	0.00023778	2.50E-04	5.95E-08	0.08	1.57E-02	7.48E-11	1,000,000	7.48E-05
105	7.16513	2.0875E-05	0.00026113	2.50E-04	6.54E-08	0.08	1.57E-02	8.22E-11	1,000,000	8.22E-05
106	9.57787	2.0875E-05	0.00026842	2.50E-04	6.72E-08	0.08	1.57E-02	8.45E-11	1,000,000	8.45E-05
107	13.20072	2.0875E-05	0.0002865	2.50E-04	7.17E-08	0.08	1.57E-02	9.01E-11	1,000,000	9.01E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	20.13649	2.0875E-05	0.00028864	2.50E-04	7.22E-08	0.08	1.57E-02	9.08E-11	1,000,000	9.08E-05
109	36.73334	2.0875E-05	0.00028836	2.50E-04	7.22E-08	0.08	1.57E-02	9.07E-11	1,000,000	9.07E-05
110	30.03946	2.0875E-05	0.00028514	2.50E-04	7.14E-08	0.08	1.57E-02	8.97E-11	1,000,000	8.97E-05
111	3.6469	2.0875E-05	0.00018741	2.50E-04	4.69E-08	0.08	1.57E-02	5.90E-11	1,000,000	5.90E-05
112	2.96847	2.0875E-05	0.00013523	2.50E-04	3.38E-08	0.08	1.57E-02	4.25E-11	1,000,000	4.25E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.61228	2.83E-05	1.73E-05	1.05E-03	1.81E-08	8.00E-02	1.57E-01	2.28E-10	1.0E+06	2.3E-04
2	0.71612	2.8331E-05	2.03E-05	1.05E-03	2.12E-08	0.08	1.57E-01	2.67E-10	1,000,000	2.67E-04
3	0.8544	2.8331E-05	2.42E-05	1.05E-03	2.53E-08	0.08	1.57E-01	3.18E-10	1,000,000	3.18E-04
4	1.04144	2.8331E-05	2.95E-05	1.05E-03	3.08E-08	0.08	1.57E-01	3.88E-10	1,000,000	3.88E-04
5	1.30673	2.8331E-05	3.70E-05	1.05E-03	3.87E-08	0.08	1.57E-01	4.86E-10	1,000,000	4.86E-04
6	0.60197	2.8331E-05	1.71E-05	1.05E-03	1.78E-08	0.08	1.57E-01	2.24E-10	1,000,000	2.24E-04
7	0.70115	2.8331E-05	1.99E-05	1.05E-03	2.08E-08	0.08	1.57E-01	2.61E-10	1,000,000	2.61E-04
8	0.83148	2.8331E-05	2.36E-05	1.05E-03	2.46E-08	0.08	1.57E-01	3.10E-10	1,000,000	3.10E-04
9	1.00965	2.8331E-05	2.86E-05	1.05E-03	2.99E-08	0.08	1.57E-01	3.76E-10	1,000,000	3.76E-04
10	1.25675	2.8331E-05	3.56E-05	1.05E-03	3.72E-08	0.08	1.57E-01	4.68E-10	1,000,000	4.68E-04
11	0.58536	2.8331E-05	1.66E-05	1.05E-03	1.73E-08	0.08	1.57E-01	2.18E-10	1,000,000	2.18E-04
12	0.67887	2.8331E-05	1.92E-05	1.05E-03	2.01E-08	0.08	1.57E-01	2.53E-10	1,000,000	2.53E-04
13	0.80117	2.8331E-05	2.27E-05	1.05E-03	2.37E-08	0.08	1.57E-01	2.98E-10	1,000,000	2.98E-04
14	0.96783	2.8331E-05	2.74E-05	1.05E-03	2.87E-08	0.08	1.57E-01	3.60E-10	1,000,000	3.60E-04
15	1.19546	2.8331E-05	3.39E-05	1.05E-03	3.54E-08	0.08	1.57E-01	4.45E-10	1,000,000	4.45E-04
16	0.5659	2.8331E-05	1.60E-05	1.05E-03	1.68E-08	0.08	1.57E-01	2.11E-10	1,000,000	2.11E-04
17	0.65417	2.8331E-05	1.85E-05	1.05E-03	1.94E-08	0.08	1.57E-01	2.44E-10	1,000,000	2.44E-04
18	0.76814	2.8331E-05	2.18E-05	1.05E-03	2.27E-08	0.08	1.57E-01	2.86E-10	1,000,000	2.86E-04
19	0.91993	2.8331E-05	2.61E-05	1.05E-03	2.72E-08	0.08	1.57E-01	3.42E-10	1,000,000	3.42E-04
20	1.13585	2.8331E-05	3.22E-05	1.05E-03	3.36E-08	0.08	1.57E-01	4.23E-10	1,000,000	4.23E-04
21	0.54601	2.8331E-05	1.55E-05	1.05E-03	1.62E-08	0.08	1.57E-01	2.03E-10	1,000,000	2.03E-04
22	0.62881	2.8331E-05	1.78E-05	1.05E-03	1.86E-08	0.08	1.57E-01	2.34E-10	1,000,000	2.34E-04
23	0.73617	2.8331E-05	2.09E-05	1.05E-03	2.18E-08	0.08	1.57E-01	2.74E-10	1,000,000	2.74E-04
24	0.87935	2.8331E-05	2.49E-05	1.05E-03	2.60E-08	0.08	1.57E-01	3.27E-10	1,000,000	3.27E-04
25	1.07674	2.8331E-05	3.05E-05	1.05E-03	3.19E-08	0.08	1.57E-01	4.01E-10	1,000,000	4.01E-04
113	0.23626	2.8331E-05	6.69E-06	1.05E-03	7.00E-09	0.08	1.57E-01	8.80E-11	1,000,000	8.80E-05
114	0.22576	2.8331E-05	6.40E-06	1.05E-03	6.69E-09	0.08	1.57E-01	8.40E-11	1,000,000	8.40E-05
115	0.21573	2.8331E-05	6.11E-06	1.05E-03	6.39E-09	0.08	1.57E-01	8.03E-11	1,000,000	8.03E-05
116	0.20617	2.8331E-05	5.84E-06	1.05E-03	6.11E-09	0.08	1.57E-01	7.67E-11	1,000,000	7.67E-05
117	0.23939	2.8331E-05	6.78E-06	1.05E-03	7.09E-09	0.08	1.57E-01	8.91E-11	1,000,000	8.91E-05
118	0.22825	2.8331E-05	6.47E-06	1.05E-03	6.76E-09	0.08	1.57E-01	8.50E-11	1,000,000	8.50E-05
119	0.21765	2.8331E-05	6.17E-06	1.05E-03	6.44E-09	0.08	1.57E-01	8.10E-11	1,000,000	8.10E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.20759	2.8331E-05	5.88E-06	1.05E-03	6.15E-09	0.08	1.57E-01	7.73E-11	1,000,000	7.73E-05
121	0.24198	2.8331E-05	6.86E-06	1.05E-03	7.17E-09	0.08	1.57E-01	9.01E-11	1,000,000	9.01E-05
122	0.2302	2.8331E-05	6.52E-06	1.05E-03	6.82E-09	0.08	1.57E-01	8.57E-11	1,000,000	8.57E-05
123	0.21907	2.8331E-05	6.21E-06	1.05E-03	6.49E-09	0.08	1.57E-01	8.16E-11	1,000,000	8.16E-05
124	0.20856	2.8331E-05	5.91E-06	1.05E-03	6.18E-09	0.08	1.57E-01	7.76E-11	1,000,000	7.76E-05
125	0.24395	2.8331E-05	6.91E-06	1.05E-03	7.22E-09	0.08	1.57E-01	9.08E-11	1,000,000	9.08E-05
126	0.23159	2.8331E-05	6.56E-06	1.05E-03	6.86E-09	0.08	1.57E-01	8.62E-11	1,000,000	8.62E-05
127	0.21998	2.8331E-05	6.23E-06	1.05E-03	6.51E-09	0.08	1.57E-01	8.19E-11	1,000,000	8.19E-05
128	0.2091	2.8331E-05	5.92E-06	1.05E-03	6.19E-09	0.08	1.57E-01	7.78E-11	1,000,000	7.78E-05
129	0.2453	2.8331E-05	6.95E-06	1.05E-03	7.26E-09	0.08	1.57E-01	9.13E-11	1,000,000	9.13E-05
130	0.23242	2.8331E-05	6.58E-06	1.05E-03	6.88E-09	0.08	1.57E-01	8.65E-11	1,000,000	8.65E-05
131	0.22042	2.8331E-05	6.24E-06	1.05E-03	6.53E-09	0.08	1.57E-01	8.21E-11	1,000,000	8.21E-05
132	0.20925	2.8331E-05	5.93E-06	1.05E-03	6.20E-09	0.08	1.57E-01	7.79E-11	1,000,000	7.79E-05
133	0.24603	2.8331E-05	6.97E-06	1.05E-03	7.29E-09	0.08	1.57E-01	9.16E-11	1,000,000	9.16E-05
134	0.23275	2.8331E-05	6.59E-06	1.05E-03	6.89E-09	0.08	1.57E-01	8.66E-11	1,000,000	8.66E-05
135	0.22045	2.8331E-05	6.25E-06	1.05E-03	6.53E-09	0.08	1.57E-01	8.21E-11	1,000,000	8.21E-05
136	0.20907	2.8331E-05	5.92E-06	1.05E-03	6.19E-09	0.08	1.57E-01	7.78E-11	1,000,000	7.78E-05
137	0.24622	2.8331E-05	6.98E-06	1.05E-03	7.29E-09	0.08	1.57E-01	9.17E-11	1,000,000	9.17E-05
138	0.22016	2.8331E-05	6.24E-06	1.05E-03	6.52E-09	0.08	1.57E-01	8.20E-11	1,000,000	8.20E-05
139	0.20867	2.8331E-05	5.91E-06	1.05E-03	6.18E-09	0.08	1.57E-01	7.77E-11	1,000,000	7.77E-05
140	0.24481	2.8331E-05	6.94E-06	1.05E-03	7.25E-09	0.08	1.57E-01	9.11E-11	1,000,000	9.11E-05
141	0.23107	2.8331E-05	6.55E-06	1.05E-03	6.84E-09	0.08	1.57E-01	8.60E-11	1,000,000	8.60E-05
142	0.21858	2.8331E-05	6.19E-06	1.05E-03	6.47E-09	0.08	1.57E-01	8.14E-11	1,000,000	8.14E-05
143	0.20719	2.8331E-05	5.87E-06	1.05E-03	6.14E-09	0.08	1.57E-01	7.71E-11	1,000,000	7.71E-05
144	0.24425	2.8331E-05	6.92E-06	1.05E-03	7.23E-09	0.08	1.57E-01	9.09E-11	1,000,000	9.09E-05
145	0.23063	2.8331E-05	6.53E-06	1.05E-03	6.83E-09	0.08	1.57E-01	8.59E-11	1,000,000	8.59E-05
146	0.21826	2.8331E-05	6.18E-06	1.05E-03	6.46E-09	0.08	1.57E-01	8.12E-11	1,000,000	8.12E-05
147	0.207	2.8331E-05	5.86E-06	1.05E-03	6.13E-09	0.08	1.57E-01	7.71E-11	1,000,000	7.71E-05
148	0.24394	2.8331E-05	6.91E-06	1.05E-03	7.22E-09	0.08	1.57E-01	9.08E-11	1,000,000	9.08E-05
149	0.23047	2.8331E-05	6.53E-06	1.05E-03	6.82E-09	0.08	1.57E-01	8.58E-11	1,000,000	8.58E-05
150	0.21825	2.8331E-05	6.18E-06	1.05E-03	6.46E-09	0.08	1.57E-01	8.12E-11	1,000,000	8.12E-05
151	0.20711	2.8331E-05	5.87E-06	1.05E-03	6.13E-09	0.08	1.57E-01	7.71E-11	1,000,000	7.71E-05
152	0.24403	2.8331E-05	6.91E-06	1.05E-03	7.23E-09	0.08	1.57E-01	9.08E-11	1,000,000	9.08E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.2307	2.8331E-05	6.54E-06	1.05E-03	6.83E-09	0.08	1.57E-01	8.59E-11	1,000,000	8.59E-05
154	0.21859	2.8331E-05	6.19E-06	1.05E-03	6.47E-09	0.08	1.57E-01	8.14E-11	1,000,000	8.14E-05
155	0.20754	2.8331E-05	5.88E-06	1.05E-03	6.15E-09	0.08	1.57E-01	7.73E-11	1,000,000	7.73E-05
156	0.24454	2.8331E-05	6.93E-06	1.05E-03	7.24E-09	0.08	1.57E-01	9.10E-11	1,000,000	9.10E-05
157	0.2313	2.8331E-05	6.55E-06	1.05E-03	6.85E-09	0.08	1.57E-01	8.61E-11	1,000,000	8.61E-05
158	0.21925	2.8331E-05	6.21E-06	1.05E-03	6.49E-09	0.08	1.57E-01	8.16E-11	1,000,000	8.16E-05
159	0.20824	2.8331E-05	5.90E-06	1.05E-03	6.17E-09	0.08	1.57E-01	7.75E-11	1,000,000	7.75E-05
160	0.2454	2.8331E-05	6.95E-06	1.05E-03	7.27E-09	0.08	1.57E-01	9.14E-11	1,000,000	9.14E-05
161	0.23217	2.8331E-05	6.58E-06	1.05E-03	6.87E-09	0.08	1.57E-01	8.64E-11	1,000,000	8.64E-05
162	0.22011	2.8331E-05	6.24E-06	1.05E-03	6.52E-09	0.08	1.57E-01	8.19E-11	1,000,000	8.19E-05
163	0.21031	2.8331E-05	5.96E-06	1.05E-03	6.23E-09	0.08	1.57E-01	7.83E-11	1,000,000	7.83E-05
164	0.24643	2.8331E-05	6.98E-06	1.05E-03	7.30E-09	0.08	1.57E-01	9.17E-11	1,000,000	9.17E-05
165	0.23314	2.8331E-05	6.61E-06	1.05E-03	6.90E-09	0.08	1.57E-01	8.68E-11	1,000,000	8.68E-05
166	0.22322	2.8331E-05	6.32E-06	1.05E-03	6.61E-09	0.08	1.57E-01	8.31E-11	1,000,000	8.31E-05
167	0.21225	2.8331E-05	6.01E-06	1.05E-03	6.29E-09	0.08	1.57E-01	7.90E-11	1,000,000	7.90E-05
168	0.24741	2.8331E-05	7.01E-06	1.05E-03	7.33E-09	0.08	1.57E-01	9.21E-11	1,000,000	9.21E-05
169	0.234	2.8331E-05	6.63E-06	1.05E-03	6.93E-09	0.08	1.57E-01	8.71E-11	1,000,000	8.71E-05
170	0.22438	2.8331E-05	6.36E-06	1.05E-03	6.64E-09	0.08	1.57E-01	8.35E-11	1,000,000	8.35E-05
171	0.21306	2.8331E-05	6.04E-06	1.05E-03	6.31E-09	0.08	1.57E-01	7.93E-11	1,000,000	7.93E-05
172	0.24817	2.8331E-05	7.03E-06	1.05E-03	7.35E-09	0.08	1.57E-01	9.24E-11	1,000,000	9.24E-05
173	0.23464	2.8331E-05	6.65E-06	1.05E-03	6.95E-09	0.08	1.57E-01	8.73E-11	1,000,000	8.73E-05
174	0.22487	2.8331E-05	6.37E-06	1.05E-03	6.66E-09	0.08	1.57E-01	8.37E-11	1,000,000	8.37E-05
175	0.21357	2.8331E-05	6.05E-06	1.05E-03	6.32E-09	0.08	1.57E-01	7.95E-11	1,000,000	7.95E-05
176	0.2486	2.8331E-05	7.04E-06	1.05E-03	7.36E-09	0.08	1.57E-01	9.25E-11	1,000,000	9.25E-05
177	0.23496	2.8331E-05	6.66E-06	1.05E-03	6.96E-09	0.08	1.57E-01	8.75E-11	1,000,000	8.75E-05
178	0.22516	2.8331E-05	6.38E-06	1.05E-03	6.67E-09	0.08	1.57E-01	8.38E-11	1,000,000	8.38E-05
179	0.21378	2.8331E-05	6.06E-06	1.05E-03	6.33E-09	0.08	1.57E-01	7.96E-11	1,000,000	7.96E-05
180	0.24865	2.8331E-05	7.04E-06	1.05E-03	7.36E-09	0.08	1.57E-01	9.26E-11	1,000,000	9.26E-05
181	0.23692	2.8331E-05	6.71E-06	1.05E-03	7.02E-09	0.08	1.57E-01	8.82E-11	1,000,000	8.82E-05
182	0.22529	2.8331E-05	6.38E-06	1.05E-03	6.67E-09	0.08	1.57E-01	8.39E-11	1,000,000	8.39E-05
183	0.2137	2.8331E-05	6.05E-06	1.05E-03	6.33E-09	0.08	1.57E-01	7.96E-11	1,000,000	7.96E-05
184	0.26107	2.8331E-05	7.40E-06	1.05E-03	7.73E-09	0.08	1.57E-01	9.72E-11	1,000,000	9.72E-05
185	0.28191	2.8331E-05	7.99E-06	1.05E-03	8.35E-09	0.08	1.57E-01	1.05E-10	1,000,000	1.05E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.26509	2.8331E-05	7.51E-06	1.05E-03	7.85E-09	0.08	1.57E-01	9.87E-11	1,000,000	9.87E-05
187	0.24986	2.8331E-05	7.08E-06	1.05E-03	7.40E-09	0.08	1.57E-01	9.30E-11	1,000,000	9.30E-05
188	0.23834	2.8331E-05	6.75E-06	1.05E-03	7.06E-09	0.08	1.57E-01	8.87E-11	1,000,000	8.87E-05
189	0.297	2.8331E-05	8.41E-06	1.05E-03	8.79E-09	0.08	1.57E-01	1.11E-10	1,000,000	1.11E-04
190	0.28119	2.8331E-05	7.97E-06	1.05E-03	8.33E-09	0.08	1.57E-01	1.05E-10	1,000,000	1.05E-04
191	0.26437	2.8331E-05	7.49E-06	1.05E-03	7.83E-09	0.08	1.57E-01	9.84E-11	1,000,000	9.84E-05
192	0.24916	2.8331E-05	7.06E-06	1.05E-03	7.38E-09	0.08	1.57E-01	9.28E-11	1,000,000	9.28E-05
193	0.23834	2.8331E-05	6.75E-06	1.05E-03	7.06E-09	0.08	1.57E-01	8.87E-11	1,000,000	8.87E-05
194	0.2981	2.8331E-05	8.45E-06	1.05E-03	8.83E-09	0.08	1.57E-01	1.11E-10	1,000,000	1.11E-04
195	0.27956	2.8331E-05	7.92E-06	1.05E-03	8.28E-09	0.08	1.57E-01	1.04E-10	1,000,000	1.04E-04
196	0.26464	2.8331E-05	7.50E-06	1.05E-03	7.84E-09	0.08	1.57E-01	9.85E-11	1,000,000	9.85E-05
197	0.25078	2.8331E-05	7.10E-06	1.05E-03	7.43E-09	0.08	1.57E-01	9.34E-11	1,000,000	9.34E-05
198	0.23696	2.8331E-05	6.71E-06	1.05E-03	7.02E-09	0.08	1.57E-01	8.82E-11	1,000,000	8.82E-05
199	0.29515	2.8331E-05	8.36E-06	1.05E-03	8.74E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04
200	0.27687	2.8331E-05	7.84E-06	1.05E-03	8.20E-09	0.08	1.57E-01	1.03E-10	1,000,000	1.03E-04
201	0.26257	2.8331E-05	7.44E-06	1.05E-03	7.78E-09	0.08	1.57E-01	9.77E-11	1,000,000	9.77E-05
202	0.24839	2.8331E-05	7.04E-06	1.05E-03	7.36E-09	0.08	1.57E-01	9.25E-11	1,000,000	9.25E-05
203	0.23493	2.8331E-05	6.66E-06	1.05E-03	6.96E-09	0.08	1.57E-01	8.75E-11	1,000,000	8.75E-05
204	0.37268	2.8331E-05	1.06E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.39E-10	1,000,000	1.39E-04
205	0.29104	2.8331E-05	8.25E-06	1.05E-03	8.62E-09	0.08	1.57E-01	1.08E-10	1,000,000	1.08E-04
206	0.27313	2.8331E-05	7.74E-06	1.05E-03	8.09E-09	0.08	1.57E-01	1.02E-10	1,000,000	1.02E-04
207	0.25972	2.8331E-05	7.36E-06	1.05E-03	7.69E-09	0.08	1.57E-01	9.67E-11	1,000,000	9.67E-05
208	0.24498	2.8331E-05	6.94E-06	1.05E-03	7.25E-09	0.08	1.57E-01	9.12E-11	1,000,000	9.12E-05
209	0.36702	2.8331E-05	1.04E-05	1.05E-03	1.09E-08	0.08	1.57E-01	1.37E-10	1,000,000	1.37E-04
210	0.34854	2.8331E-05	9.87E-06	1.05E-03	1.03E-08	0.08	1.57E-01	1.30E-10	1,000,000	1.30E-04
211	0.32726	2.8331E-05	9.27E-06	1.05E-03	9.69E-09	0.08	1.57E-01	1.22E-10	1,000,000	1.22E-04
212	0.30552	2.8331E-05	8.66E-06	1.05E-03	9.05E-09	0.08	1.57E-01	1.14E-10	1,000,000	1.14E-04
213	0.28608	2.8331E-05	8.10E-06	1.05E-03	8.47E-09	0.08	1.57E-01	1.06E-10	1,000,000	1.06E-04
214	0.27047	2.8331E-05	7.66E-06	1.05E-03	8.01E-09	0.08	1.57E-01	1.01E-10	1,000,000	1.01E-04
215	0.25523	2.8331E-05	7.23E-06	1.05E-03	7.56E-09	0.08	1.57E-01	9.50E-11	1,000,000	9.50E-05
216	0.41463	2.8331E-05	1.17E-05	1.05E-03	1.23E-08	0.08	1.57E-01	1.54E-10	1,000,000	1.54E-04
217	0.38214	2.8331E-05	1.08E-05	1.05E-03	1.13E-08	0.08	1.57E-01	1.42E-10	1,000,000	1.42E-04
218	0.36277	2.8331E-05	1.03E-05	1.05E-03	1.07E-08	0.08	1.57E-01	1.35E-10	1,000,000	1.35E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.33698	2.8331E-05	9.55E-06	1.05E-03	9.98E-09	0.08	1.57E-01	1.25E-10	1,000,000	1.25E-04
220	0.31569	2.8331E-05	8.94E-06	1.05E-03	9.35E-09	0.08	1.57E-01	1.18E-10	1,000,000	1.18E-04
221	0.29564	2.8331E-05	8.38E-06	1.05E-03	8.75E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04
222	0.40321	2.8331E-05	1.14E-05	1.05E-03	1.19E-08	0.08	1.57E-01	1.50E-10	1,000,000	1.50E-04
223	0.3788	2.8331E-05	1.07E-05	1.05E-03	1.12E-08	0.08	1.57E-01	1.41E-10	1,000,000	1.41E-04
224	0.35392	2.8331E-05	1.00E-05	1.05E-03	1.05E-08	0.08	1.57E-01	1.32E-10	1,000,000	1.32E-04
225	0.32931	2.8331E-05	9.33E-06	1.05E-03	9.75E-09	0.08	1.57E-01	1.23E-10	1,000,000	1.23E-04
226	0.30924	2.8331E-05	8.76E-06	1.05E-03	9.16E-09	0.08	1.57E-01	1.15E-10	1,000,000	1.15E-04
227	0.39512	2.8331E-05	1.12E-05	1.05E-03	1.17E-08	0.08	1.57E-01	1.47E-10	1,000,000	1.47E-04
228	0.36997	2.8331E-05	1.05E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.38E-10	1,000,000	1.38E-04
229	0.34538	2.8331E-05	9.78E-06	1.05E-03	1.02E-08	0.08	1.57E-01	1.29E-10	1,000,000	1.29E-04
230	0.32322	2.8331E-05	9.16E-06	1.05E-03	9.57E-09	0.08	1.57E-01	1.20E-10	1,000,000	1.20E-04
231	0.38118	2.8331E-05	1.08E-05	1.05E-03	1.13E-08	0.08	1.57E-01	1.42E-10	1,000,000	1.42E-04
232	0.35682	2.8331E-05	1.01E-05	1.05E-03	1.06E-08	0.08	1.57E-01	1.33E-10	1,000,000	1.33E-04
233	0.33452	2.8331E-05	9.48E-06	1.05E-03	9.91E-09	0.08	1.57E-01	1.25E-10	1,000,000	1.25E-04
234	0.31412	2.8331E-05	8.90E-06	1.05E-03	9.30E-09	0.08	1.57E-01	1.17E-10	1,000,000	1.17E-04
235	0.36508	2.8331E-05	1.03E-05	1.05E-03	1.08E-08	0.08	1.57E-01	1.36E-10	1,000,000	1.36E-04
236	0.34206	2.8331E-05	9.69E-06	1.05E-03	1.01E-08	0.08	1.57E-01	1.27E-10	1,000,000	1.27E-04
237	0.32261	2.8331E-05	9.14E-06	1.05E-03	9.55E-09	0.08	1.57E-01	1.20E-10	1,000,000	1.20E-04
238	0.3036	2.8331E-05	8.60E-06	1.05E-03	8.99E-09	0.08	1.57E-01	1.13E-10	1,000,000	1.13E-04
239	0.34653	2.8331E-05	9.82E-06	1.05E-03	1.03E-08	0.08	1.57E-01	1.29E-10	1,000,000	1.29E-04
240	0.32665	2.8331E-05	9.25E-06	1.05E-03	9.67E-09	0.08	1.57E-01	1.22E-10	1,000,000	1.22E-04
241	0.30898	2.8331E-05	8.75E-06	1.05E-03	9.15E-09	0.08	1.57E-01	1.15E-10	1,000,000	1.15E-04
242	0.29175	2.8331E-05	8.27E-06	1.05E-03	8.64E-09	0.08	1.57E-01	1.09E-10	1,000,000	1.09E-04
243	0.59444	2.8331E-05	1.68E-05	1.05E-03	1.76E-08	0.08	1.57E-01	2.21E-10	1,000,000	2.21E-04
244	0.54212	2.8331E-05	1.54E-05	1.05E-03	1.61E-08	0.08	1.57E-01	2.02E-10	1,000,000	2.02E-04
245	0.49704	2.8331E-05	1.41E-05	1.05E-03	1.47E-08	0.08	1.57E-01	1.85E-10	1,000,000	1.85E-04
246	0.45803	2.8331E-05	1.30E-05	1.05E-03	1.36E-08	0.08	1.57E-01	1.71E-10	1,000,000	1.71E-04
247	0.42484	2.8331E-05	1.20E-05	1.05E-03	1.26E-08	0.08	1.57E-01	1.58E-10	1,000,000	1.58E-04
248	0.39537	2.8331E-05	1.12E-05	1.05E-03	1.17E-08	0.08	1.57E-01	1.47E-10	1,000,000	1.47E-04
249	0.37288	2.8331E-05	1.06E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.39E-10	1,000,000	1.39E-04
250	0.55144	2.8331E-05	1.56E-05	1.05E-03	1.63E-08	0.08	1.57E-01	2.05E-10	1,000,000	2.05E-04
251	0.50506	2.8331E-05	1.43E-05	1.05E-03	1.50E-08	0.08	1.57E-01	1.88E-10	1,000,000	1.88E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.46467	2.8331E-05	1.32E-05	1.05E-03	1.38E-08	0.08	1.57E-01	1.73E-10	1,000,000	1.73E-04
253	0.42941	2.8331E-05	1.22E-05	1.05E-03	1.27E-08	0.08	1.57E-01	1.60E-10	1,000,000	1.60E-04
254	0.39921	2.8331E-05	1.13E-05	1.05E-03	1.18E-08	0.08	1.57E-01	1.49E-10	1,000,000	1.49E-04
255	0.37236	2.8331E-05	1.05E-05	1.05E-03	1.10E-08	0.08	1.57E-01	1.39E-10	1,000,000	1.39E-04
256	0.35194	2.8331E-05	9.97E-06	1.05E-03	1.04E-08	0.08	1.57E-01	1.31E-10	1,000,000	1.31E-04
257	0.5131	2.8331E-05	1.45E-05	1.05E-03	1.52E-08	0.08	1.57E-01	1.91E-10	1,000,000	1.91E-04
258	0.47173	2.8331E-05	1.34E-05	1.05E-03	1.40E-08	0.08	1.57E-01	1.76E-10	1,000,000	1.76E-04
259	0.43539	2.8331E-05	1.23E-05	1.05E-03	1.29E-08	0.08	1.57E-01	1.62E-10	1,000,000	1.62E-04
260	0.40343	2.8331E-05	1.14E-05	1.05E-03	1.19E-08	0.08	1.57E-01	1.50E-10	1,000,000	1.50E-04
261	0.3757	2.8331E-05	1.06E-05	1.05E-03	1.11E-08	0.08	1.57E-01	1.40E-10	1,000,000	1.40E-04
262	0.35107	2.8331E-05	9.95E-06	1.05E-03	1.04E-08	0.08	1.57E-01	1.31E-10	1,000,000	1.31E-04
263	0.33149	2.8331E-05	9.39E-06	1.05E-03	9.82E-09	0.08	1.57E-01	1.23E-10	1,000,000	1.23E-04
264	0.47986	2.8331E-05	1.36E-05	1.05E-03	1.42E-08	0.08	1.57E-01	1.79E-10	1,000,000	1.79E-04
265	0.44212	2.8331E-05	1.25E-05	1.05E-03	1.31E-08	0.08	1.57E-01	1.65E-10	1,000,000	1.65E-04
266	0.40911	2.8331E-05	1.16E-05	1.05E-03	1.21E-08	0.08	1.57E-01	1.52E-10	1,000,000	1.52E-04
267	0.38001	2.8331E-05	1.08E-05	1.05E-03	1.13E-08	0.08	1.57E-01	1.41E-10	1,000,000	1.41E-04
268	0.35424	2.8331E-05	1.00E-05	1.05E-03	1.05E-08	0.08	1.57E-01	1.32E-10	1,000,000	1.32E-04
269	0.33127	2.8331E-05	9.39E-06	1.05E-03	9.81E-09	0.08	1.57E-01	1.23E-10	1,000,000	1.23E-04
270	0.31238	2.8331E-05	8.85E-06	1.05E-03	9.25E-09	0.08	1.57E-01	1.16E-10	1,000,000	1.16E-04
271	0.4495	2.8331E-05	1.27E-05	1.05E-03	1.33E-08	0.08	1.57E-01	1.67E-10	1,000,000	1.67E-04
272	0.41557	2.8331E-05	1.18E-05	1.05E-03	1.23E-08	0.08	1.57E-01	1.55E-10	1,000,000	1.55E-04
273	0.38561	2.8331E-05	1.09E-05	1.05E-03	1.14E-08	0.08	1.57E-01	1.44E-10	1,000,000	1.44E-04
274	0.35898	2.8331E-05	1.02E-05	1.05E-03	1.06E-08	0.08	1.57E-01	1.34E-10	1,000,000	1.34E-04
275	0.33522	2.8331E-05	9.50E-06	1.05E-03	9.93E-09	0.08	1.57E-01	1.25E-10	1,000,000	1.25E-04
276	0.31406	2.8331E-05	8.90E-06	1.05E-03	9.30E-09	0.08	1.57E-01	1.17E-10	1,000,000	1.17E-04
277	0.29576	2.8331E-05	8.38E-06	1.05E-03	8.76E-09	0.08	1.57E-01	1.10E-10	1,000,000	1.10E-04
278	5.95238	2.8331E-05	1.69E-04	1.05E-03	1.76E-07	0.08	1.57E-01	2.22E-09	1,000,000	2.22E-03
279	5.19535	2.8331E-05	1.47E-04	1.05E-03	1.54E-07	0.08	1.57E-01	1.93E-09	1,000,000	1.93E-03
280	3.9294	2.8331E-05	1.11E-04	1.05E-03	1.16E-07	0.08	1.57E-01	1.46E-09	1,000,000	1.46E-03
281	3.58526	2.8331E-05	1.02E-04	1.05E-03	1.06E-07	0.08	1.57E-01	1.33E-09	1,000,000	1.33E-03
282	3.41877	2.8331E-05	9.69E-05	1.05E-03	1.01E-07	0.08	1.57E-01	1.27E-09	1,000,000	1.27E-03
283	3.79059	2.8331E-05	1.07E-04	1.05E-03	1.12E-07	0.08	1.57E-01	1.41E-09	1,000,000	1.41E-03

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	0.5382	2.8331E-05	1.52E-05	6.05E-04	9.23E-09	0.08	4.71E-02	3.48E-11	1,000,000	3.48E-05
27	0.53024	2.8331E-05	1.50E-05	6.05E-04	9.09E-09	0.08	4.71E-02	3.43E-11	1,000,000	3.43E-05
28	0.52143	2.8331E-05	1.48E-05	6.05E-04	8.94E-09	0.08	4.71E-02	3.37E-11	1,000,000	3.37E-05
29	0.51188	2.8331E-05	1.45E-05	6.05E-04	8.77E-09	0.08	4.71E-02	3.31E-11	1,000,000	3.31E-05
30	0.5017	2.8331E-05	1.42E-05	6.05E-04	8.60E-09	0.08	4.71E-02	3.24E-11	1,000,000	3.24E-05
31	0.49103	2.8331E-05	1.39E-05	6.05E-04	8.42E-09	0.08	4.71E-02	3.17E-11	1,000,000	3.17E-05
32	0.47996	2.8331E-05	1.36E-05	6.05E-04	8.23E-09	0.08	4.71E-02	3.10E-11	1,000,000	3.10E-05
33	0.46862	2.8331E-05	1.33E-05	6.05E-04	8.03E-09	0.08	4.71E-02	3.03E-11	1,000,000	3.03E-05
34	0.4571	2.8331E-05	1.30E-05	6.05E-04	7.84E-09	0.08	4.71E-02	2.96E-11	1,000,000	2.96E-05
35	0.44529	2.8331E-05	1.26E-05	6.05E-04	7.63E-09	0.08	4.71E-02	2.88E-11	1,000,000	2.88E-05
36	0.43349	2.8331E-05	1.23E-05	6.05E-04	7.43E-09	0.08	4.71E-02	2.80E-11	1,000,000	2.80E-05
37	0.55752	2.8331E-05	1.58E-05	6.05E-04	9.56E-09	0.08	4.71E-02	3.60E-11	1,000,000	3.60E-05
38	0.54834	2.8331E-05	1.55E-05	6.05E-04	9.40E-09	0.08	4.71E-02	3.55E-11	1,000,000	3.55E-05
39	0.53831	2.8331E-05	1.53E-05	6.05E-04	9.23E-09	0.08	4.71E-02	3.48E-11	1,000,000	3.48E-05
40	0.52756	2.8331E-05	1.49E-05	6.05E-04	9.04E-09	0.08	4.71E-02	3.41E-11	1,000,000	3.41E-05
41	0.51622	2.8331E-05	1.46E-05	6.05E-04	8.85E-09	0.08	4.71E-02	3.34E-11	1,000,000	3.34E-05
42	0.50442	2.8331E-05	1.43E-05	6.05E-04	8.65E-09	0.08	4.71E-02	3.26E-11	1,000,000	3.26E-05
43	0.49229	2.8331E-05	1.39E-05	6.05E-04	8.44E-09	0.08	4.71E-02	3.18E-11	1,000,000	3.18E-05
44	0.47994	2.8331E-05	1.36E-05	6.05E-04	8.23E-09	0.08	4.71E-02	3.10E-11	1,000,000	3.10E-05
45	0.46748	2.8331E-05	1.32E-05	6.05E-04	8.01E-09	0.08	4.71E-02	3.02E-11	1,000,000	3.02E-05
46	0.4548	2.8331E-05	1.29E-05	6.05E-04	7.80E-09	0.08	4.71E-02	2.94E-11	1,000,000	2.94E-05
47	0.44218	2.8331E-05	1.25E-05	6.05E-04	7.58E-09	0.08	4.71E-02	2.86E-11	1,000,000	2.86E-05
48	0.57749	2.8331E-05	1.64E-05	6.05E-04	9.90E-09	0.08	4.71E-02	3.73E-11	1,000,000	3.73E-05
49	0.56698	2.8331E-05	1.61E-05	6.05E-04	9.72E-09	0.08	4.71E-02	3.67E-11	1,000,000	3.67E-05
50	0.55562	2.8331E-05	1.57E-05	6.05E-04	9.52E-09	0.08	4.71E-02	3.59E-11	1,000,000	3.59E-05
51	0.54357	2.8331E-05	1.54E-05	6.05E-04	9.32E-09	0.08	4.71E-02	3.51E-11	1,000,000	3.51E-05
52	0.53097	2.8331E-05	1.50E-05	6.05E-04	9.10E-09	0.08	4.71E-02	3.43E-11	1,000,000	3.43E-05
53	0.51797	2.8331E-05	1.47E-05	6.05E-04	8.88E-09	0.08	4.71E-02	3.35E-11	1,000,000	3.35E-05
54	0.50471	2.8331E-05	1.43E-05	6.05E-04	8.65E-09	0.08	4.71E-02	3.26E-11	1,000,000	3.26E-05
55	0.4913	2.8331E-05	1.39E-05	6.05E-04	8.42E-09	0.08	4.71E-02	3.18E-11	1,000,000	3.18E-05
56	0.47787	2.8331E-05	1.35E-05	6.05E-04	8.19E-09	0.08	4.71E-02	3.09E-11	1,000,000	3.09E-05
57	0.46428	2.8331E-05	1.32E-05	6.05E-04	7.96E-09	0.08	4.71E-02	3.00E-11	1,000,000	3.00E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	0.45083	2.8331E-05	1.28E-05	6.05E-04	7.73E-09	0.08	4.71E-02	2.91E-11	1,000,000	2.91E-05
59	0.59812	2.8331E-05	1.69E-05	6.05E-04	1.03E-08	0.08	4.71E-02	3.87E-11	1,000,000	3.87E-05
60	0.58612	2.8331E-05	1.66E-05	6.05E-04	1.00E-08	0.08	4.71E-02	3.79E-11	1,000,000	3.79E-05
61	0.5733	2.8331E-05	1.62E-05	6.05E-04	9.83E-09	0.08	4.71E-02	3.71E-11	1,000,000	3.71E-05
62	0.55985	2.8331E-05	1.59E-05	6.05E-04	9.60E-09	0.08	4.71E-02	3.62E-11	1,000,000	3.62E-05
63	0.54591	2.8331E-05	1.55E-05	6.05E-04	9.36E-09	0.08	4.71E-02	3.53E-11	1,000,000	3.53E-05
64	0.53164	2.8331E-05	1.51E-05	6.05E-04	9.11E-09	0.08	4.71E-02	3.44E-11	1,000,000	3.44E-05
65	0.51719	2.8331E-05	1.47E-05	6.05E-04	8.87E-09	0.08	4.71E-02	3.34E-11	1,000,000	3.34E-05
66	0.50268	2.8331E-05	1.42E-05	6.05E-04	8.62E-09	0.08	4.71E-02	3.25E-11	1,000,000	3.25E-05
67	0.48823	2.8331E-05	1.38E-05	6.05E-04	8.37E-09	0.08	4.71E-02	3.16E-11	1,000,000	3.16E-05
68	0.4737	2.8331E-05	1.34E-05	6.05E-04	8.12E-09	0.08	4.71E-02	3.06E-11	1,000,000	3.06E-05
69	0.45939	2.8331E-05	1.30E-05	6.05E-04	7.87E-09	0.08	4.71E-02	2.97E-11	1,000,000	2.97E-05
70	0.61936	2.8331E-05	1.75E-05	6.05E-04	1.06E-08	0.08	4.71E-02	4.00E-11	1,000,000	4.00E-05
71	0.60574	2.8331E-05	1.72E-05	6.05E-04	1.04E-08	0.08	4.71E-02	3.92E-11	1,000,000	3.92E-05
72	0.59134	2.8331E-05	1.68E-05	6.05E-04	1.01E-08	0.08	4.71E-02	3.82E-11	1,000,000	3.82E-05
73	0.57637	2.8331E-05	1.63E-05	6.05E-04	9.88E-09	0.08	4.71E-02	3.73E-11	1,000,000	3.73E-05
74	0.561	2.8331E-05	1.59E-05	6.05E-04	9.62E-09	0.08	4.71E-02	3.63E-11	1,000,000	3.63E-05
75	0.54539	2.8331E-05	1.55E-05	6.05E-04	9.35E-09	0.08	4.71E-02	3.53E-11	1,000,000	3.53E-05
76	0.5297	2.8331E-05	1.50E-05	6.05E-04	9.08E-09	0.08	4.71E-02	3.42E-11	1,000,000	3.42E-05
77	0.51405	2.8331E-05	1.46E-05	6.05E-04	8.81E-09	0.08	4.71E-02	3.32E-11	1,000,000	3.32E-05
78	0.49854	2.8331E-05	1.41E-05	6.05E-04	8.55E-09	0.08	4.71E-02	3.22E-11	1,000,000	3.22E-05
79	0.48304	2.8331E-05	1.37E-05	6.05E-04	8.28E-09	0.08	4.71E-02	3.12E-11	1,000,000	3.12E-05
80	0.46785	2.8331E-05	1.33E-05	6.05E-04	8.02E-09	0.08	4.71E-02	3.02E-11	1,000,000	3.02E-05
81	0.64119	2.8331E-05	1.82E-05	6.05E-04	1.10E-08	0.08	4.71E-02	4.15E-11	1,000,000	4.15E-05
82	0.62579	2.8331E-05	1.77E-05	6.05E-04	1.07E-08	0.08	4.71E-02	4.05E-11	1,000,000	4.05E-05
83	0.60969	2.8331E-05	1.73E-05	6.05E-04	1.05E-08	0.08	4.71E-02	3.94E-11	1,000,000	3.94E-05
84	0.59309	2.8331E-05	1.68E-05	6.05E-04	1.02E-08	0.08	4.71E-02	3.83E-11	1,000,000	3.83E-05
85	0.5762	2.8331E-05	1.63E-05	6.05E-04	9.88E-09	0.08	4.71E-02	3.73E-11	1,000,000	3.73E-05
86	0.55918	2.8331E-05	1.58E-05	6.05E-04	9.59E-09	0.08	4.71E-02	3.62E-11	1,000,000	3.62E-05
87	0.54219	2.8331E-05	1.54E-05	6.05E-04	9.29E-09	0.08	4.71E-02	3.51E-11	1,000,000	3.51E-05
88	0.52535	2.8331E-05	1.49E-05	6.05E-04	9.01E-09	0.08	4.71E-02	3.40E-11	1,000,000	3.40E-05
89	0.50876	2.8331E-05	1.44E-05	6.05E-04	8.72E-09	0.08	4.71E-02	3.29E-11	1,000,000	3.29E-05
90	0.49226	2.8331E-05	1.39E-05	6.05E-04	8.44E-09	0.08	4.71E-02	3.18E-11	1,000,000	3.18E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	0.47617	2.8331E-05	1.35E-05	6.05E-04	8.16E-09	0.08	4.71E-02	3.08E-11	1,000,000	3.08E-05
92	0.66357	2.8331E-05	1.88E-05	6.05E-04	1.14E-08	0.08	4.71E-02	4.29E-11	1,000,000	4.29E-05
93	0.64623	2.8331E-05	1.83E-05	6.05E-04	1.11E-08	0.08	4.71E-02	4.18E-11	1,000,000	4.18E-05
94	0.62829	2.8331E-05	1.78E-05	6.05E-04	1.08E-08	0.08	4.71E-02	4.06E-11	1,000,000	4.06E-05
95	0.60997	2.8331E-05	1.73E-05	6.05E-04	1.05E-08	0.08	4.71E-02	3.94E-11	1,000,000	3.94E-05
96	0.59147	2.8331E-05	1.68E-05	6.05E-04	1.01E-08	0.08	4.71E-02	3.82E-11	1,000,000	3.82E-05
97	0.57297	2.8331E-05	1.62E-05	6.05E-04	9.82E-09	0.08	4.71E-02	3.70E-11	1,000,000	3.70E-05
98	0.55462	2.8331E-05	1.57E-05	6.05E-04	9.51E-09	0.08	4.71E-02	3.59E-11	1,000,000	3.59E-05
99	0.53655	2.8331E-05	1.52E-05	6.05E-04	9.20E-09	0.08	4.71E-02	3.47E-11	1,000,000	3.47E-05
100	0.51884	2.8331E-05	1.47E-05	6.05E-04	8.89E-09	0.08	4.71E-02	3.35E-11	1,000,000	3.35E-05
101	0.50132	2.8331E-05	1.42E-05	6.05E-04	8.59E-09	0.08	4.71E-02	3.24E-11	1,000,000	3.24E-05
102	0.48429	2.8331E-05	1.37E-05	6.05E-04	8.30E-09	0.08	4.71E-02	3.13E-11	1,000,000	3.13E-05
103	0.62407	2.8331E-05	1.77E-05	6.05E-04	1.07E-08	0.08	4.71E-02	4.03E-11	1,000,000	4.03E-05
104	0.60459	2.8331E-05	1.71E-05	6.05E-04	1.04E-08	0.08	4.71E-02	3.91E-11	1,000,000	3.91E-05
105	0.58516	2.8331E-05	1.66E-05	6.05E-04	1.00E-08	0.08	4.71E-02	3.78E-11	1,000,000	3.78E-05
106	0.5652	2.8331E-05	1.60E-05	6.05E-04	9.69E-09	0.08	4.71E-02	3.65E-11	1,000,000	3.65E-05
107	0.5476	2.8331E-05	1.55E-05	6.05E-04	9.39E-09	0.08	4.71E-02	3.54E-11	1,000,000	3.54E-05
108	0.52874	2.8331E-05	1.50E-05	6.05E-04	9.06E-09	0.08	4.71E-02	3.42E-11	1,000,000	3.42E-05
109	0.51016	2.8331E-05	1.45E-05	6.05E-04	8.75E-09	0.08	4.71E-02	3.30E-11	1,000,000	3.30E-05
110	0.49218	2.8331E-05	1.39E-05	6.05E-04	8.44E-09	0.08	4.71E-02	3.18E-11	1,000,000	3.18E-05
111	0.64321	2.8331E-05	1.82E-05	6.05E-04	1.10E-08	0.08	4.71E-02	4.16E-11	1,000,000	4.16E-05
112	0.66507	2.8331E-05	1.88E-05	6.05E-04	1.14E-08	0.08	4.71E-02	4.30E-11	1,000,000	4.30E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	0.5382	2.8331E-05	4.644E-05	2.50E-04	1.16E-08	0.08	1.57E-02	1.46E-11	1,000,000	1.46E-05
27	0.53024	2.8331E-05	5.0658E-05	2.50E-04	1.27E-08	0.08	1.57E-02	1.59E-11	1,000,000	1.59E-05
28	0.52143	2.8331E-05	5.5274E-05	2.50E-04	1.38E-08	0.08	1.57E-02	1.74E-11	1,000,000	1.74E-05
29	0.51188	2.8331E-05	6.015E-05	2.50E-04	1.51E-08	0.08	1.57E-02	1.89E-11	1,000,000	1.89E-05
30	0.5017	2.8331E-05	6.5093E-05	2.50E-04	1.63E-08	0.08	1.57E-02	2.05E-11	1,000,000	2.05E-05
31	0.49103	2.8331E-05	6.9889E-05	2.50E-04	1.75E-08	0.08	1.57E-02	2.20E-11	1,000,000	2.20E-05
32	0.47996	2.8331E-05	7.4332E-05	2.50E-04	1.86E-08	0.08	1.57E-02	2.34E-11	1,000,000	2.34E-05
33	0.46862	2.8331E-05	7.8239E-05	2.50E-04	1.96E-08	0.08	1.57E-02	2.46E-11	1,000,000	2.46E-05
34	0.4571	2.8331E-05	8.1471E-05	2.50E-04	2.04E-08	0.08	1.57E-02	2.56E-11	1,000,000	2.56E-05
35	0.44529	2.8331E-05	8.3945E-05	2.50E-04	2.10E-08	0.08	1.57E-02	2.64E-11	1,000,000	2.64E-05
36	0.43349	2.8331E-05	8.5439E-05	2.50E-04	2.14E-08	0.08	1.57E-02	2.69E-11	1,000,000	2.69E-05
37	0.55752	2.8331E-05	5.2016E-05	2.50E-04	1.30E-08	0.08	1.57E-02	1.64E-11	1,000,000	1.64E-05
38	0.54834	2.8331E-05	5.7279E-05	2.50E-04	1.43E-08	0.08	1.57E-02	1.80E-11	1,000,000	1.80E-05
39	0.53831	2.8331E-05	6.3095E-05	2.50E-04	1.58E-08	0.08	1.57E-02	1.99E-11	1,000,000	1.99E-05
40	0.52756	2.8331E-05	6.9251E-05	2.50E-04	1.73E-08	0.08	1.57E-02	2.18E-11	1,000,000	2.18E-05
41	0.51622	2.8331E-05	7.5442E-05	2.50E-04	1.89E-08	0.08	1.57E-02	2.37E-11	1,000,000	2.37E-05
42	0.50442	2.8331E-05	8.1348E-05	2.50E-04	2.04E-08	0.08	1.57E-02	2.56E-11	1,000,000	2.56E-05
43	0.49229	2.8331E-05	8.6679E-05	2.50E-04	2.17E-08	0.08	1.57E-02	2.73E-11	1,000,000	2.73E-05
44	0.47994	2.8331E-05	9.1214E-05	2.50E-04	2.28E-08	0.08	1.57E-02	2.87E-11	1,000,000	2.87E-05
45	0.46748	2.8331E-05	9.4811E-05	2.50E-04	2.37E-08	0.08	1.57E-02	2.98E-11	1,000,000	2.98E-05
46	0.4548	2.8331E-05	9.7405E-05	2.50E-04	2.44E-08	0.08	1.57E-02	3.06E-11	1,000,000	3.06E-05
47	0.44218	2.8331E-05	9.8754E-05	2.50E-04	2.47E-08	0.08	1.57E-02	3.11E-11	1,000,000	3.11E-05
48	0.57749	2.8331E-05	5.8818E-05	2.50E-04	1.47E-08	0.08	1.57E-02	1.85E-11	1,000,000	1.85E-05
49	0.56698	2.8331E-05	6.5547E-05	2.50E-04	1.64E-08	0.08	1.57E-02	2.06E-11	1,000,000	2.06E-05
50	0.55562	2.8331E-05	7.3073E-05	2.50E-04	1.83E-08	0.08	1.57E-02	2.30E-11	1,000,000	2.30E-05
51	0.54357	2.8331E-05	8.1039E-05	2.50E-04	2.03E-08	0.08	1.57E-02	2.55E-11	1,000,000	2.55E-05
52	0.53097	2.8331E-05	8.8939E-05	2.50E-04	2.23E-08	0.08	1.57E-02	2.80E-11	1,000,000	2.80E-05
53	0.51797	2.8331E-05	9.6279E-05	2.50E-04	2.41E-08	0.08	1.57E-02	3.03E-11	1,000,000	3.03E-05
54	0.50471	2.8331E-05	0.00010268	2.50E-04	2.57E-08	0.08	1.57E-02	3.23E-11	1,000,000	3.23E-05
55	0.4913	2.8331E-05	0.0001079	2.50E-04	2.70E-08	0.08	1.57E-02	3.39E-11	1,000,000	3.39E-05
56	0.47787	2.8331E-05	0.00011183	2.50E-04	2.80E-08	0.08	1.57E-02	3.52E-11	1,000,000	3.52E-05
57	0.46428	2.8331E-05	0.00011446	2.50E-04	2.86E-08	0.08	1.57E-02	3.60E-11	1,000,000	3.60E-05
58	0.45083	2.8331E-05	0.00011552	2.50E-04	2.89E-08	0.08	1.57E-02	3.63E-11	1,000,000	3.63E-05
59	0.59812	2.8331E-05	6.7292E-05	2.50E-04	1.68E-08	0.08	1.57E-02	2.12E-11	1,000,000	2.12E-05
60	0.58612	2.8331E-05	7.6176E-05	2.50E-04	1.91E-08	0.08	1.57E-02	2.40E-11	1,000,000	2.40E-05
61	0.5733	2.8331E-05	8.6264E-05	2.50E-04	2.16E-08	0.08	1.57E-02	2.71E-11	1,000,000	2.71E-05
62	0.55985	2.8331E-05	9.6891E-05	2.50E-04	2.42E-08	0.08	1.57E-02	3.05E-11	1,000,000	3.05E-05
63	0.54591	2.8331E-05	0.00010716	2.50E-04	2.68E-08	0.08	1.57E-02	3.37E-11	1,000,000	3.37E-05
64	0.53164	2.8331E-05	0.00011632	2.50E-04	2.91E-08	0.08	1.57E-02	3.66E-11	1,000,000	3.66E-05
65	0.51719	2.8331E-05	0.00012395	2.50E-04	3.10E-08	0.08	1.57E-02	3.90E-11	1,000,000	3.90E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	0.50268	2.8331E-05	0.00012988	2.50E-04	3.25E-08	0.08	1.57E-02	4.09E-11	1,000,000	4.09E-05
67	0.48823	2.8331E-05	0.00013407	2.50E-04	3.36E-08	0.08	1.57E-02	4.22E-11	1,000,000	4.22E-05
68	0.4737	2.8331E-05	0.00013661	2.50E-04	3.42E-08	0.08	1.57E-02	4.30E-11	1,000,000	4.30E-05
69	0.45939	2.8331E-05	0.00013718	2.50E-04	3.43E-08	0.08	1.57E-02	4.32E-11	1,000,000	4.32E-05
70	0.61936	2.8331E-05	7.8145E-05	2.50E-04	1.96E-08	0.08	1.57E-02	2.46E-11	1,000,000	2.46E-05
71	0.60574	2.8331E-05	9.0416E-05	2.50E-04	2.26E-08	0.08	1.57E-02	2.84E-11	1,000,000	2.84E-05
72	0.59134	2.8331E-05	0.00010462	2.50E-04	2.62E-08	0.08	1.57E-02	3.29E-11	1,000,000	3.29E-05
73	0.57637	2.8331E-05	0.00011933	2.50E-04	2.99E-08	0.08	1.57E-02	3.75E-11	1,000,000	3.75E-05
74	0.561	2.8331E-05	0.00013287	2.50E-04	3.33E-08	0.08	1.57E-02	4.18E-11	1,000,000	4.18E-05
75	0.54539	2.8331E-05	0.00014425	2.50E-04	3.61E-08	0.08	1.57E-02	4.54E-11	1,000,000	4.54E-05
76	0.5297	2.8331E-05	0.0001532	2.50E-04	3.83E-08	0.08	1.57E-02	4.82E-11	1,000,000	4.82E-05
77	0.51405	2.8331E-05	0.00015977	2.50E-04	4.00E-08	0.08	1.57E-02	5.03E-11	1,000,000	5.03E-05
78	0.49854	2.8331E-05	0.00016409	2.50E-04	4.11E-08	0.08	1.57E-02	5.16E-11	1,000,000	5.16E-05
79	0.48304	2.8331E-05	0.00016636	2.50E-04	4.16E-08	0.08	1.57E-02	5.23E-11	1,000,000	5.23E-05
80	0.46785	2.8331E-05	0.00016618	2.50E-04	4.16E-08	0.08	1.57E-02	5.23E-11	1,000,000	5.23E-05
81	0.64119	2.8331E-05	9.2576E-05	2.50E-04	2.32E-08	0.08	1.57E-02	2.91E-11	1,000,000	2.91E-05
82	0.62579	2.8331E-05	0.00011074	2.50E-04	2.77E-08	0.08	1.57E-02	3.48E-11	1,000,000	3.48E-05
83	0.60969	2.8331E-05	0.00013229	2.50E-04	3.31E-08	0.08	1.57E-02	4.16E-11	1,000,000	4.16E-05
84	0.59309	2.8331E-05	0.0001535	2.50E-04	3.84E-08	0.08	1.57E-02	4.83E-11	1,000,000	4.83E-05
85	0.5762	2.8331E-05	0.00017134	2.50E-04	4.29E-08	0.08	1.57E-02	5.39E-11	1,000,000	5.39E-05
86	0.55918	2.8331E-05	0.00018518	2.50E-04	4.63E-08	0.08	1.57E-02	5.83E-11	1,000,000	5.83E-05
87	0.54219	2.8331E-05	0.0001954	2.50E-04	4.89E-08	0.08	1.57E-02	6.15E-11	1,000,000	6.15E-05
88	0.52535	2.8331E-05	0.00020245	2.50E-04	5.07E-08	0.08	1.57E-02	6.37E-11	1,000,000	6.37E-05
89	0.50876	2.8331E-05	0.00020669	2.50E-04	5.17E-08	0.08	1.57E-02	6.50E-11	1,000,000	6.50E-05
90	0.49226	2.8331E-05	0.00020847	2.50E-04	5.22E-08	0.08	1.57E-02	6.56E-11	1,000,000	6.56E-05
91	0.47617	2.8331E-05	0.00020721	2.50E-04	5.19E-08	0.08	1.57E-02	6.52E-11	1,000,000	6.52E-05
92	0.66357	2.8331E-05	0.00011277	2.50E-04	2.82E-08	0.08	1.57E-02	3.55E-11	1,000,000	3.55E-05
93	0.64623	2.8331E-05	0.0001431	2.50E-04	3.58E-08	0.08	1.57E-02	4.50E-11	1,000,000	4.50E-05
94	0.62829	2.8331E-05	0.0001799	2.50E-04	4.50E-08	0.08	1.57E-02	5.66E-11	1,000,000	5.66E-05
95	0.60997	2.8331E-05	0.00021124	2.50E-04	5.29E-08	0.08	1.57E-02	6.65E-11	1,000,000	6.65E-05
96	0.59147	2.8331E-05	0.00023397	2.50E-04	5.86E-08	0.08	1.57E-02	7.36E-11	1,000,000	7.36E-05
97	0.57297	2.8331E-05	0.00025015	2.50E-04	6.26E-08	0.08	1.57E-02	7.87E-11	1,000,000	7.87E-05
98	0.55462	2.8331E-05	0.00026136	2.50E-04	6.54E-08	0.08	1.57E-02	8.22E-11	1,000,000	8.22E-05
99	0.53655	2.8331E-05	0.00026861	2.50E-04	6.72E-08	0.08	1.57E-02	8.45E-11	1,000,000	8.45E-05
100	0.51884	2.8331E-05	0.00027246	2.50E-04	6.82E-08	0.08	1.57E-02	8.57E-11	1,000,000	8.57E-05
101	0.50132	2.8331E-05	0.00027347	2.50E-04	6.84E-08	0.08	1.57E-02	8.60E-11	1,000,000	8.60E-05
102	0.48429	2.8331E-05	0.00027075	2.50E-04	6.78E-08	0.08	1.57E-02	8.52E-11	1,000,000	8.52E-05
103	0.62407	2.8331E-05	0.00029494	2.50E-04	7.38E-08	0.08	1.57E-02	9.28E-11	1,000,000	9.28E-05
104	0.60459	2.8331E-05	0.00032271	2.50E-04	8.08E-08	0.08	1.57E-02	1.02E-10	1,000,000	1.02E-04
105	0.58516	2.8331E-05	0.00035439	2.50E-04	8.87E-08	0.08	1.57E-02	1.12E-10	1,000,000	1.12E-04
106	0.5652	2.8331E-05	0.00036428	2.50E-04	9.12E-08	0.08	1.57E-02	1.15E-10	1,000,000	1.15E-04
107	0.5476	2.8331E-05	0.00038882	2.50E-04	9.73E-08	0.08	1.57E-02	1.22E-10	1,000,000	1.22E-04

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	0.52874	2.8331E-05	0.00039172	2.50E-04	9.80E-08	0.08	1.57E-02	1.23E-10	1,000,000	1.23E-04
109	0.51016	2.8331E-05	0.00039135	2.50E-04	9.79E-08	0.08	1.57E-02	1.23E-10	1,000,000	1.23E-04
110	0.49218	2.8331E-05	0.00038697	2.50E-04	9.68E-08	0.08	1.57E-02	1.22E-10	1,000,000	1.22E-04
111	0.64321	2.8331E-05	0.00025434	2.50E-04	6.37E-08	0.08	1.57E-02	8.00E-11	1,000,000	8.00E-05
112	0.66507	2.8331E-05	0.00018353	2.50E-04	4.59E-08	0.08	1.57E-02	5.77E-11	1,000,000	5.77E-05

Shiolh Business Park

Unmitigated - Construction Risk - Grading

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	7.1E-04	School	0.00940	109	5	1.07E-05	8.24E-04	109	School
2	7.7E-04	Res	0.00322	278	5	1.17E-05	4.90E-05	278	Res
3	8.5E-04	Teacher	0.00126	108	5	1.30E-05	8.0E-04	108	Teacher
4	9.5E-04				5	1.45E-05			
5	1.1E-03				5	1.66E-05			
6	7.0E-04				5	1.06E-05			
7	7.6E-04				5	1.15E-05			
8	8.3E-04				5	1.27E-05			
9	9.3E-04				5	1.42E-05			
10	1.1E-03				5	1.61E-05			
11	6.8E-04				5	1.04E-05			
12	7.4E-04				5	1.13E-05			
13	8.1E-04				5	1.24E-05			
14	9.1E-04				5	1.38E-05			
15	1.0E-03				5	1.56E-05			
16	6.7E-04				5	1.01E-05			
17	7.2E-04				5	1.10E-05			
18	7.9E-04				5	1.21E-05			
19	8.8E-04				5	1.34E-05			
20	9.9E-04				5	1.51E-05			
21	6.5E-04				5	9.92E-06			
22	7.1E-04				5	1.08E-05			
23	7.7E-04				5	1.18E-05			
24	8.6E-04				5	1.30E-05			
25	9.6E-04				5	1.46E-05			
113	2.7E-03				5	4.15E-05			
114	2.5E-03				5	3.75E-05			
115	2.2E-03				5	3.41E-05			
116	2.0E-03				5	3.11E-05			
117	2.8E-03				5	4.27E-05			
118	2.5E-03				5	3.84E-05			
119	2.3E-03				5	3.47E-05			

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	2.1E-03			5	3.15E-05		
121	2.9E-03			5	4.37E-05		
122	2.6E-03			5	3.91E-05		
123	2.3E-03			5	3.52E-05		
124	2.1E-03			5	3.18E-05		
125	2.9E-03			5	4.45E-05		
126	2.6E-03			5	3.96E-05		
127	2.3E-03			5	3.55E-05		
128	2.1E-03			5	3.20E-05		
129	3.0E-03			5	4.50E-05		
130	2.6E-03			5	3.99E-05		
131	2.3E-03			5	3.57E-05		
132	2.1E-03			5	3.21E-05		
133	3.0E-03			5	4.54E-05		
134	2.6E-03			5	4.01E-05		
135	2.4E-03			5	3.58E-05		
136	2.1E-03			5	3.22E-05		
137	3.0E-03			5	4.55E-05		
138	2.4E-03			5	3.59E-05		
139	2.1E-03			5	3.22E-05		
140	3.0E-03			5	4.49E-05		
141	2.6E-03			5	3.97E-05		
142	2.3E-03			5	3.54E-05		
143	2.1E-03			5	3.18E-05		
144	2.9E-03			5	4.44E-05		
145	2.6E-03			5	3.92E-05		
146	2.3E-03			5	3.50E-05		
147	2.1E-03			5	3.15E-05		
148	2.9E-03			5	4.36E-05		
149	2.5E-03			5	3.86E-05		
150	2.3E-03			5	3.45E-05		
151	2.0E-03			5	3.11E-05		
152	2.8E-03			5	4.25E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	2.5E-03			5	3.78E-05		
154	2.2E-03			5	3.38E-05		
155	2.0E-03			5	3.05E-05		
156	2.7E-03			5	4.13E-05		
157	2.4E-03			5	3.68E-05		
158	2.2E-03			5	3.30E-05		
159	2.0E-03			5	2.99E-05		
160	2.6E-03			5	3.98E-05		
161	2.3E-03			5	3.56E-05		
162	2.1E-03			5	3.21E-05		
163	1.9E-03			5	2.91E-05		
164	2.5E-03			5	3.81E-05		
165	2.2E-03			5	3.42E-05		
166	2.0E-03			5	3.10E-05		
167	1.9E-03			5	2.82E-05		
168	2.4E-03			5	3.63E-05		
169	2.2E-03			5	3.28E-05		
170	2.0E-03			5	2.98E-05		
171	1.8E-03			5	2.72E-05		
172	2.3E-03			5	3.44E-05		
173	2.1E-03			5	3.12E-05		
174	1.9E-03			5	2.85E-05		
175	1.7E-03			5	2.61E-05		
176	2.1E-03			5	3.26E-05		
177	1.9E-03			5	2.97E-05		
178	1.8E-03			5	2.72E-05		
179	1.6E-03			5	2.50E-05		
180	2.0E-03			5	3.08E-05		
181	1.8E-03			5	2.81E-05		
182	1.7E-03			5	2.58E-05		
183	1.6E-03			5	2.39E-05		
184	2.6E-03			5	4.00E-05		
185	2.4E-03			5	3.65E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	2.2E-03			5	3.31E-05		
187	2.0E-03			5	3.01E-05		
188	1.8E-03			5	2.76E-05		
189	2.5E-03			5	3.77E-05		
190	2.2E-03			5	3.41E-05		
191	2.0E-03			5	3.11E-05		
192	1.9E-03			5	2.84E-05		
193	1.7E-03			5	2.61E-05		
194	2.3E-03			5	3.50E-05		
195	2.1E-03			5	3.19E-05		
196	1.9E-03			5	2.91E-05		
197	1.8E-03			5	2.67E-05		
198	1.6E-03			5	2.47E-05		
199	2.1E-03			5	3.26E-05		
200	2.0E-03			5	2.98E-05		
201	1.8E-03			5	2.73E-05		
202	1.7E-03			5	2.52E-05		
203	1.5E-03			5	2.33E-05		
204	2.9E-03			5	4.43E-05		
205	2.0E-03			5	3.03E-05		
206	1.8E-03			5	2.79E-05		
207	1.7E-03			5	2.57E-05		
208	1.6E-03			5	2.38E-05		
209	2.7E-03			5	4.04E-05		
210	2.4E-03			5	3.68E-05		
211	2.2E-03			5	3.36E-05		
212	2.0E-03			5	3.08E-05		
213	1.9E-03			5	2.83E-05		
214	1.7E-03			5	2.61E-05		
215	1.6E-03			5	2.42E-05		
216	2.6E-03			5	3.99E-05		
217	2.4E-03			5	3.68E-05		
218	2.2E-03			5	3.39E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	2.1E-03			5	3.13E-05		
220	1.9E-03			5	2.89E-05		
221	1.8E-03			5	2.68E-05		
222	2.4E-03			5	3.64E-05		
223	2.2E-03			5	3.37E-05		
224	2.1E-03			5	3.12E-05		
225	1.9E-03			5	2.90E-05		
226	1.8E-03			5	2.69E-05		
227	2.2E-03			5	3.33E-05		
228	2.0E-03			5	3.10E-05		
229	1.9E-03			5	2.89E-05		
230	1.8E-03			5	2.69E-05		
231	2.0E-03			5	3.05E-05		
232	1.9E-03			5	2.86E-05		
233	1.8E-03			5	2.68E-05		
234	1.6E-03			5	2.51E-05		
235	1.8E-03			5	2.81E-05		
236	1.7E-03			5	2.65E-05		
237	1.6E-03			5	2.49E-05		
238	1.5E-03			5	2.34E-05		
239	1.7E-03			5	2.60E-05		
240	1.6E-03			5	2.46E-05		
241	1.5E-03			5	2.32E-05		
242	1.4E-03			5	2.19E-05		
243	2.2E-03			5	3.35E-05		
244	2.2E-03			5	3.31E-05		
245	2.1E-03			5	3.24E-05		
246	2.1E-03			5	3.14E-05		
247	2.0E-03			5	3.01E-05		
248	1.9E-03			5	2.88E-05		
249	1.8E-03			5	2.74E-05		
250	2.0E-03			5	3.06E-05		
251	2.0E-03			5	3.03E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	1.9E-03			5	2.97E-05		
253	1.9E-03			5	2.88E-05		
254	1.8E-03			5	2.77E-05		
255	1.7E-03			5	2.65E-05		
256	1.7E-03			5	2.53E-05		
257	1.8E-03			5	2.81E-05		
258	1.8E-03			5	2.78E-05		
259	1.8E-03			5	2.73E-05		
260	1.7E-03			5	2.65E-05		
261	1.7E-03			5	2.56E-05		
262	1.6E-03			5	2.45E-05		
263	1.5E-03			5	2.35E-05		
264	1.7E-03			5	2.60E-05		
265	1.7E-03			5	2.57E-05		
266	1.7E-03			5	2.52E-05		
267	1.6E-03			5	2.45E-05		
268	1.6E-03			5	2.37E-05		
269	1.5E-03			5	2.28E-05		
270	1.4E-03			5	2.18E-05		
271	1.6E-03			5	2.41E-05		
272	1.6E-03			5	2.38E-05		
273	1.5E-03			5	2.34E-05		
274	1.5E-03			5	2.28E-05		
275	1.4E-03			5	2.21E-05		
276	1.4E-03			5	2.13E-05		
277	1.3E-03			5	2.04E-05		
278	3.2E-03			5	4.90E-05		
279	3.0E-03			5	4.52E-05		
280	2.6E-03			5	3.94E-05		
281	2.4E-03			5	3.72E-05		
282	2.5E-03			5	3.78E-05		
283	2.4E-03			5	3.70E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	1.1E-03			5	9.33E-05		
27	1.2E-03			5	1.03E-04		
28	1.3E-03			5	1.13E-04		
29	1.4E-03			5	1.26E-04		
30	1.6E-03			5	1.40E-04		
31	1.8E-03			5	1.57E-04		
32	2.0E-03			5	1.80E-04		
33	2.4E-03			5	2.12E-04		
34	3.0E-03			5	2.64E-04		
35	4.3E-03			5	3.75E-04		
36	4.1E-03			5	3.61E-04		
37	1.2E-03			5	1.03E-04		
38	1.3E-03			5	1.14E-04		
39	1.4E-03			5	1.27E-04		
40	1.6E-03			5	1.42E-04		
41	1.8E-03			5	1.58E-04		
42	2.0E-03			5	1.77E-04		
43	2.3E-03			5	2.00E-04		
44	2.6E-03			5	2.32E-04		
45	3.2E-03			5	2.81E-04		
46	4.4E-03			5	3.84E-04		
47	4.3E-03			5	3.81E-04		
48	1.3E-03			5	1.15E-04		
49	1.5E-03			5	1.28E-04		
50	1.6E-03			5	1.44E-04		
51	1.8E-03			5	1.62E-04		
52	2.1E-03			5	1.81E-04		
53	2.3E-03			5	2.03E-04		
54	2.6E-03			5	2.27E-04		
55	2.9E-03			5	2.58E-04		
56	3.5E-03			5	3.06E-04		
57	4.6E-03			5	4.06E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	4.6E-03			5	4.07E-04		
59	1.5E-03			5	1.29E-04		
60	1.7E-03			5	1.47E-04		
61	1.9E-03			5	1.67E-04		
62	2.2E-03			5	1.89E-04		
63	2.4E-03			5	2.12E-04		
64	2.7E-03			5	2.36E-04		
65	3.0E-03			5	2.62E-04		
66	3.4E-03			5	2.94E-04		
67	3.9E-03			5	3.40E-04		
68	5.0E-03			5	4.38E-04		
69	5.0E-03			5	4.40E-04		
70	1.7E-03			5	1.48E-04		
71	2.0E-03			5	1.71E-04		
72	2.3E-03			5	1.98E-04		
73	2.6E-03			5	2.27E-04		
74	2.9E-03			5	2.56E-04		
75	3.2E-03			5	2.83E-04		
76	3.5E-03			5	3.11E-04		
77	3.9E-03			5	3.43E-04		
78	4.4E-03			5	3.88E-04		
79	5.5E-03			5	4.82E-04		
80	5.5E-03			5	4.84E-04		
81	2.0E-03			5	1.73E-04		
82	2.3E-03			5	2.06E-04		
83	2.8E-03			5	2.45E-04		
84	3.3E-03			5	2.85E-04		
85	3.7E-03			5	3.21E-04		
86	4.0E-03			5	3.52E-04		
87	4.3E-03			5	3.81E-04		
88	4.7E-03			5	4.12E-04		
89	5.2E-03			5	4.56E-04		
90	6.2E-03			5	5.45E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	6.2E-03			5	5.44E-04		
92	2.4E-03			5	2.07E-04		
93	3.0E-03			5	2.61E-04		
94	3.7E-03			5	3.26E-04		
95	4.4E-03			5	3.83E-04		
96	4.9E-03			5	4.27E-04		
97	5.3E-03			5	4.61E-04		
98	5.6E-03			5	4.91E-04		
99	5.9E-03			5	5.21E-04		
100	6.4E-03			5	5.61E-04		
101	7.3E-03			5	6.43E-04		
102	7.2E-03			5	6.34E-04		
103	6.0E-03			5	5.25E-04		
104	6.6E-03			5	5.77E-04		
105	7.3E-03			5	6.38E-04		
106	7.6E-03			5	6.64E-04		
107	8.2E-03			5	7.21E-04		
108	8.6E-03			5	7.55E-04		
109	9.4E-03			5	8.24E-04		
110	9.0E-03			5	7.88E-04		
111	5.2E-03			5	4.53E-04		
112	3.8E-03			5	3.29E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
			School - Teacher				
26	1.5E-04			5	9.53E-05		
27	1.6E-04			5	1.04E-04		
28	1.8E-04			5	1.13E-04		
29	1.9E-04			5	1.23E-04		
30	2.1E-04			5	1.34E-04		
31	2.3E-04			5	1.43E-04		
32	2.4E-04			5	1.53E-04		
33	2.5E-04			5	1.61E-04		
34	2.6E-04			5	1.67E-04		
35	2.7E-04			5	1.72E-04		
36	2.8E-04			5	1.75E-04		
37	1.7E-04			5	1.07E-04		
38	1.8E-04			5	1.18E-04		
39	2.0E-04			5	1.30E-04		
40	2.2E-04			5	1.42E-04		
41	2.4E-04			5	1.55E-04		
42	2.6E-04			5	1.67E-04		
43	2.8E-04			5	1.78E-04		
44	2.9E-04			5	1.87E-04		
45	3.1E-04			5	1.95E-04		
46	3.1E-04			5	2.00E-04		
47	3.2E-04			5	2.03E-04		
48	1.9E-04			5	1.21E-04		
49	2.1E-04			5	1.35E-04		
50	2.4E-04			5	1.50E-04		
51	2.6E-04			5	1.66E-04		
52	2.9E-04			5	1.83E-04		
53	3.1E-04			5	1.98E-04		
54	3.3E-04			5	2.11E-04		
55	3.5E-04			5	2.21E-04		
56	3.6E-04			5	2.30E-04		
57	3.7E-04			5	2.35E-04		
58	3.7E-04			5	2.37E-04		
59	2.2E-04			5	1.38E-04		
60	2.5E-04			5	1.56E-04		
61	2.8E-04			5	1.77E-04		
62	3.1E-04			5	1.99E-04		
63	3.5E-04			5	2.20E-04		
64	3.8E-04			5	2.39E-04		
65	4.0E-04			5	2.54E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	4.2E-04			5	2.67E-04		
67	4.3E-04			5	2.75E-04		
68	4.4E-04			5	2.80E-04		
69	4.4E-04			5	2.82E-04		
70	2.5E-04			5	1.60E-04		
71	2.9E-04			5	1.86E-04		
72	3.4E-04			5	2.15E-04		
73	3.9E-04			5	2.45E-04		
74	4.3E-04			5	2.73E-04		
75	4.7E-04			5	2.96E-04		
76	4.9E-04			5	3.14E-04		
77	5.2E-04			5	3.28E-04		
78	5.3E-04			5	3.37E-04		
79	5.4E-04			5	3.41E-04		
80	5.4E-04			5	3.41E-04		
81	3.0E-04			5	1.90E-04		
82	3.6E-04			5	2.27E-04		
83	4.3E-04			5	2.72E-04		
84	5.0E-04			5	3.15E-04		
85	5.5E-04			5	3.52E-04		
86	6.0E-04			5	3.80E-04		
87	6.3E-04			5	4.01E-04		
88	6.5E-04			5	4.16E-04		
89	6.7E-04			5	4.24E-04		
90	6.7E-04			5	4.28E-04		
91	6.7E-04			5	4.25E-04		
92	3.6E-04			5	2.31E-04		
93	4.6E-04			5	2.94E-04		
94	5.8E-04			5	3.69E-04		
95	6.8E-04			5	4.34E-04		
96	7.6E-04			5	4.80E-04		
97	8.1E-04			5	5.13E-04		
98	8.4E-04			5	5.36E-04		
99	8.7E-04			5	5.51E-04		
100	8.8E-04			5	5.59E-04		
101	8.8E-04			5	5.61E-04		
102	8.7E-04			5	5.56E-04		
103	9.5E-04			5	6.05E-04		
104	1.0E-03			5	6.62E-04		
105	1.1E-03			5	7.27E-04		
106	1.2E-03			5	7.48E-04		
107	1.3E-03			5	7.98E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Grading

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	1.3E-03			5	8.04E-04		
109	1.3E-03			5	8.03E-04		
110	1.2E-03			5	7.94E-04		
111	8.2E-04			5	5.22E-04		
112	5.9E-04			5	3.77E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.19268	**2.10E-04**	4.05E-05	1.05E-03	4.23E-08	0.06	1.57E-01	3.99E-10	1,000,000	3.99E-04
2	0.20553	0.00021	4.3161E-05	1.05E-03	4.51E-08	0.06	1.57E-01	4.25E-10	1,000,000	4.25E-04
3	0.22025	0.00021	4.6252E-05	1.05E-03	4.83E-08	0.06	1.57E-01	4.56E-10	1,000,000	4.56E-04
4	0.23658	0.00021	4.9681E-05	1.05E-03	5.19E-08	0.06	1.57E-01	4.90E-10	1,000,000	4.90E-04
5	0.25537	0.00021	5.3627E-05	1.05E-03	5.61E-08	0.06	1.57E-01	5.28E-10	1,000,000	5.28E-04
6	0.19292	0.00021	4.0513E-05	1.05E-03	4.23E-08	0.06	1.57E-01	3.99E-10	1,000,000	3.99E-04
7	0.20596	0.00021	4.3251E-05	1.05E-03	4.52E-08	0.06	1.57E-01	4.26E-10	1,000,000	4.26E-04
8	0.22077	0.00021	4.6361E-05	1.05E-03	4.85E-08	0.06	1.57E-01	4.57E-10	1,000,000	4.57E-04
9	0.23797	0.00021	4.9973E-05	1.05E-03	5.22E-08	0.06	1.57E-01	4.92E-10	1,000,000	4.92E-04
10	0.25725	0.00021	5.4022E-05	1.05E-03	5.65E-08	0.06	1.57E-01	5.32E-10	1,000,000	5.32E-04
11	0.19321	0.00021	4.0573E-05	1.05E-03	4.24E-08	0.06	1.57E-01	4.00E-10	1,000,000	4.00E-04
12	0.20659	0.00021	4.3383E-05	1.05E-03	4.53E-08	0.06	1.57E-01	4.28E-10	1,000,000	4.28E-04
13	0.22187	0.00021	4.6592E-05	1.05E-03	4.87E-08	0.06	1.57E-01	4.59E-10	1,000,000	4.59E-04
14	0.23969	0.00021	5.0334E-05	1.05E-03	5.26E-08	0.06	1.57E-01	4.96E-10	1,000,000	4.96E-04
15	0.25964	0.00021	5.4523E-05	1.05E-03	5.70E-08	0.06	1.57E-01	5.37E-10	1,000,000	5.37E-04
16	0.19381	0.00021	4.0699E-05	1.05E-03	4.25E-08	0.06	1.57E-01	4.01E-10	1,000,000	4.01E-04
17	0.20769	0.00021	4.3614E-05	1.05E-03	4.56E-08	0.06	1.57E-01	4.30E-10	1,000,000	4.30E-04
18	0.22338	0.00021	4.6909E-05	1.05E-03	4.90E-08	0.06	1.57E-01	4.62E-10	1,000,000	4.62E-04
19	0.24114	0.00021	5.0639E-05	1.05E-03	5.29E-08	0.06	1.57E-01	4.99E-10	1,000,000	4.99E-04
20	0.26189	0.00021	5.4996E-05	1.05E-03	5.75E-08	0.06	1.57E-01	5.42E-10	1,000,000	5.42E-04
21	0.19484	0.00021	4.0916E-05	1.05E-03	4.28E-08	0.06	1.57E-01	4.03E-10	1,000,000	4.03E-04
22	0.20908	0.00021	4.3906E-05	1.05E-03	4.59E-08	0.06	1.57E-01	4.33E-10	1,000,000	4.33E-04
23	0.22531	0.00021	4.7314E-05	1.05E-03	4.95E-08	0.06	1.57E-01	4.66E-10	1,000,000	4.66E-04
24	0.24376	0.00021	5.1189E-05	1.05E-03	5.35E-08	0.06	1.57E-01	5.04E-10	1,000,000	5.04E-04
25	0.26467	0.00021	5.558E-05	1.05E-03	5.81E-08	0.06	1.57E-01	5.48E-10	1,000,000	5.48E-04
113	0.97321	0.00021	0.00020437	1.05E-03	2.14E-07	0.06	1.57E-01	2.01E-09	1,000,000	2.01E-03
114	0.88353	0.00021	0.00018554	1.05E-03	1.94E-07	0.06	1.57E-01	1.83E-09	1,000,000	1.83E-03
115	0.80404	0.00021	0.00016885	1.05E-03	1.76E-07	0.06	1.57E-01	1.66E-09	1,000,000	1.66E-03
116	0.73406	0.00021	0.00015415	1.05E-03	1.61E-07	0.06	1.57E-01	1.52E-09	1,000,000	1.52E-03
117	1.00452	0.00021	0.00021095	1.05E-03	2.20E-07	0.06	1.57E-01	2.08E-09	1,000,000	2.08E-03
118	0.90695	0.00021	0.00019046	1.05E-03	1.99E-07	0.06	1.57E-01	1.88E-09	1,000,000	1.88E-03
119	0.82199	0.00021	0.00017261	1.05E-03	1.80E-07	0.06	1.57E-01	1.70E-09	1,000,000	1.70E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.74806	0.00021	0.00015709	1.05E-03	1.64E-07	0.06	1.57E-01	1.55E-09	1,000,000	1.55E-03
121	1.03255	0.00021	0.00021683	1.05E-03	2.27E-07	0.06	1.57E-01	2.14E-09	1,000,000	2.14E-03
122	0.92782	0.00021	0.00019484	1.05E-03	2.04E-07	0.06	1.57E-01	1.92E-09	1,000,000	1.92E-03
123	0.83786	0.00021	0.00017595	1.05E-03	1.84E-07	0.06	1.57E-01	1.73E-09	1,000,000	1.73E-03
124	0.76026	0.00021	0.00015965	1.05E-03	1.67E-07	0.06	1.57E-01	1.57E-09	1,000,000	1.57E-03
125	1.05694	0.00021	0.00022195	1.05E-03	2.32E-07	0.06	1.57E-01	2.19E-09	1,000,000	2.19E-03
126	0.9458	0.00021	0.00019861	1.05E-03	2.08E-07	0.06	1.57E-01	1.96E-09	1,000,000	1.96E-03
127	0.85126	0.00021	0.00017876	1.05E-03	1.87E-07	0.06	1.57E-01	1.76E-09	1,000,000	1.76E-03
128	0.77028	0.00021	0.00016176	1.05E-03	1.69E-07	0.06	1.57E-01	1.59E-09	1,000,000	1.59E-03
129	1.07723	0.00021	0.00022621	1.05E-03	2.36E-07	0.06	1.57E-01	2.23E-09	1,000,000	2.23E-03
130	0.96038	0.00021	0.00020168	1.05E-03	2.11E-07	0.06	1.57E-01	1.99E-09	1,000,000	1.99E-03
131	0.86177	0.00021	0.00018097	1.05E-03	1.89E-07	0.06	1.57E-01	1.78E-09	1,000,000	1.78E-03
132	0.7778	0.00021	0.00016334	1.05E-03	1.71E-07	0.06	1.57E-01	1.61E-09	1,000,000	1.61E-03
133	1.09282	0.00021	0.00022949	1.05E-03	2.40E-07	0.06	1.57E-01	2.26E-09	1,000,000	2.26E-03
134	0.9711	0.00021	0.00020393	1.05E-03	2.13E-07	0.06	1.57E-01	2.01E-09	1,000,000	2.01E-03
135	0.86906	0.00021	0.0001825	1.05E-03	1.91E-07	0.06	1.57E-01	1.80E-09	1,000,000	1.80E-03
136	0.78266	0.00021	0.00016436	1.05E-03	1.72E-07	0.06	1.57E-01	1.62E-09	1,000,000	1.62E-03
137	1.10331	0.00021	0.00023169	1.05E-03	2.42E-07	0.06	1.57E-01	2.28E-09	1,000,000	2.28E-03
138	0.87313	0.00021	0.00018335	1.05E-03	1.92E-07	0.06	1.57E-01	1.81E-09	1,000,000	1.81E-03
139	0.78497	0.00021	0.00016484	1.05E-03	1.72E-07	0.06	1.57E-01	1.62E-09	1,000,000	1.62E-03
140	1.11039	0.00021	0.00023318	1.05E-03	2.44E-07	0.06	1.57E-01	2.30E-09	1,000,000	2.30E-03
141	0.98023	0.00021	0.00020584	1.05E-03	2.15E-07	0.06	1.57E-01	2.03E-09	1,000,000	2.03E-03
142	0.87287	0.00021	0.0001833	1.05E-03	1.92E-07	0.06	1.57E-01	1.81E-09	1,000,000	1.81E-03
143	0.78316	0.00021	0.00016446	1.05E-03	1.72E-07	0.06	1.57E-01	1.62E-09	1,000,000	1.62E-03
144	1.10882	0.00021	0.00023285	1.05E-03	2.43E-07	0.06	1.57E-01	2.29E-09	1,000,000	2.29E-03
145	0.97868	0.00021	0.00020552	1.05E-03	2.15E-07	0.06	1.57E-01	2.03E-09	1,000,000	2.03E-03
146	0.87144	0.00021	0.000183	1.05E-03	1.91E-07	0.06	1.57E-01	1.80E-09	1,000,000	1.80E-03
147	0.78188	0.00021	0.00016419	1.05E-03	1.72E-07	0.06	1.57E-01	1.62E-09	1,000,000	1.62E-03
148	1.10536	0.00021	0.00023212	1.05E-03	2.43E-07	0.06	1.57E-01	2.29E-09	1,000,000	2.29E-03
149	0.976	0.00021	0.00020496	1.05E-03	2.14E-07	0.06	1.57E-01	2.02E-09	1,000,000	2.02E-03
150	0.86934	0.00021	0.00018256	1.05E-03	1.91E-07	0.06	1.57E-01	1.80E-09	1,000,000	1.80E-03
151	0.78022	0.00021	0.00016384	1.05E-03	1.71E-07	0.06	1.57E-01	1.61E-09	1,000,000	1.61E-03
152	1.09772	0.00021	0.00023052	1.05E-03	2.41E-07	0.06	1.57E-01	2.27E-09	1,000,000	2.27E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.97058	0.00021	0.00020382	1.05E-03	2.13E-07	0.06	1.57E-01	2.01E-09	1,000,000	2.01E-03
154	0.8654	0.00021	0.00018173	1.05E-03	1.90E-07	0.06	1.57E-01	1.79E-09	1,000,000	1.79E-03
155	0.77732	0.00021	0.00016323	1.05E-03	1.71E-07	0.06	1.57E-01	1.61E-09	1,000,000	1.61E-03
156	1.08256	0.00021	0.00022733	1.05E-03	2.38E-07	0.06	1.57E-01	2.24E-09	1,000,000	2.24E-03
157	0.96	0.00021	0.0002016	1.05E-03	2.11E-07	0.06	1.57E-01	1.99E-09	1,000,000	1.99E-03
158	0.85786	0.00021	0.00018015	1.05E-03	1.88E-07	0.06	1.57E-01	1.78E-09	1,000,000	1.78E-03
159	0.77184	0.00021	0.00016208	1.05E-03	1.69E-07	0.06	1.57E-01	1.60E-09	1,000,000	1.60E-03
160	1.05673	0.00021	0.00022191	1.05E-03	2.32E-07	0.06	1.57E-01	2.19E-09	1,000,000	2.19E-03
161	0.94163	0.00021	0.00019774	1.05E-03	2.07E-07	0.06	1.57E-01	1.95E-09	1,000,000	1.95E-03
162	0.84463	0.00021	0.00017737	1.05E-03	1.85E-07	0.06	1.57E-01	1.75E-09	1,000,000	1.75E-03
163	0.76205	0.00021	0.00016003	1.05E-03	1.67E-07	0.06	1.57E-01	1.58E-09	1,000,000	1.58E-03
164	1.01884	0.00021	0.00021395	1.05E-03	2.24E-07	0.06	1.57E-01	2.11E-09	1,000,000	2.11E-03
165	0.91371	0.00021	0.00019188	1.05E-03	2.01E-07	0.06	1.57E-01	1.89E-09	1,000,000	1.89E-03
166	0.82324	0.00021	0.00017288	1.05E-03	1.81E-07	0.06	1.57E-01	1.70E-09	1,000,000	1.70E-03
167	0.746	0.00021	0.00015666	1.05E-03	1.64E-07	0.06	1.57E-01	1.54E-09	1,000,000	1.54E-03
168	0.97013	0.00021	0.00020372	1.05E-03	2.13E-07	0.06	1.57E-01	2.01E-09	1,000,000	2.01E-03
169	0.87625	0.00021	0.00018401	1.05E-03	1.92E-07	0.06	1.57E-01	1.81E-09	1,000,000	1.81E-03
170	0.79434	0.00021	0.00016681	1.05E-03	1.74E-07	0.06	1.57E-01	1.64E-09	1,000,000	1.64E-03
171	0.72389	0.00021	0.00015201	1.05E-03	1.59E-07	0.06	1.57E-01	1.50E-09	1,000,000	1.50E-03
172	0.91376	0.00021	0.00019189	1.05E-03	2.01E-07	0.06	1.57E-01	1.89E-09	1,000,000	1.89E-03
173	0.83111	0.00021	0.00017453	1.05E-03	1.82E-07	0.06	1.57E-01	1.72E-09	1,000,000	1.72E-03
174	0.75849	0.00021	0.00015928	1.05E-03	1.66E-07	0.06	1.57E-01	1.57E-09	1,000,000	1.57E-03
175	0.69531	0.00021	0.00014601	1.05E-03	1.53E-07	0.06	1.57E-01	1.44E-09	1,000,000	1.44E-03
176	0.85352	0.00021	0.00017924	1.05E-03	1.87E-07	0.06	1.57E-01	1.77E-09	1,000,000	1.77E-03
177	0.7812	0.00021	0.00016405	1.05E-03	1.71E-07	0.06	1.57E-01	1.62E-09	1,000,000	1.62E-03
178	0.71737	0.00021	0.00015065	1.05E-03	1.57E-07	0.06	1.57E-01	1.48E-09	1,000,000	1.48E-03
179	0.66153	0.00021	0.00013892	1.05E-03	1.45E-07	0.06	1.57E-01	1.37E-09	1,000,000	1.37E-03
180	0.79273	0.00021	0.00016647	1.05E-03	1.74E-07	0.06	1.57E-01	1.64E-09	1,000,000	1.64E-03
181	0.72927	0.00021	0.00015314	1.05E-03	1.60E-07	0.06	1.57E-01	1.51E-09	1,000,000	1.51E-03
182	0.67346	0.00021	0.00014142	1.05E-03	1.48E-07	0.06	1.57E-01	1.39E-09	1,000,000	1.39E-03
183	0.62446	0.00021	0.00013113	1.05E-03	1.37E-07	0.06	1.57E-01	1.29E-09	1,000,000	1.29E-03
184	1.06898	0.00021	0.00022448	1.05E-03	2.35E-07	0.06	1.57E-01	2.21E-09	1,000,000	2.21E-03
185	0.919	0.00021	0.00019299	1.05E-03	2.02E-07	0.06	1.57E-01	1.90E-09	1,000,000	1.90E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.83861	0.00021	0.00017611	1.05E-03	1.84E-07	0.06	1.57E-01	1.74E-09	1,000,000	1.74E-03
187	0.76946	0.00021	0.00016158	1.05E-03	1.69E-07	0.06	1.57E-01	1.59E-09	1,000,000	1.59E-03
188	0.70909	0.00021	0.00014891	1.05E-03	1.56E-07	0.06	1.57E-01	1.47E-09	1,000,000	1.47E-03
189	0.92365	0.00021	0.00019396	1.05E-03	2.03E-07	0.06	1.57E-01	1.91E-09	1,000,000	1.91E-03
190	0.84217	0.00021	0.00017685	1.05E-03	1.85E-07	0.06	1.57E-01	1.74E-09	1,000,000	1.74E-03
191	0.77219	0.00021	0.00016216	1.05E-03	1.69E-07	0.06	1.57E-01	1.60E-09	1,000,000	1.60E-03
192	0.71162	0.00021	0.00014944	1.05E-03	1.56E-07	0.06	1.57E-01	1.47E-09	1,000,000	1.47E-03
193	0.65824	0.00021	0.00013823	1.05E-03	1.44E-07	0.06	1.57E-01	1.36E-09	1,000,000	1.36E-03
194	0.84471	0.00021	0.00017739	1.05E-03	1.85E-07	0.06	1.57E-01	1.75E-09	1,000,000	1.75E-03
195	0.77353	0.00021	0.00016244	1.05E-03	1.70E-07	0.06	1.57E-01	1.60E-09	1,000,000	1.60E-03
196	0.71188	0.00021	0.00014949	1.05E-03	1.56E-07	0.06	1.57E-01	1.47E-09	1,000,000	1.47E-03
197	0.65785	0.00021	0.00013815	1.05E-03	1.44E-07	0.06	1.57E-01	1.36E-09	1,000,000	1.36E-03
198	0.61102	0.00021	0.00012831	1.05E-03	1.34E-07	0.06	1.57E-01	1.26E-09	1,000,000	1.26E-03
199	0.77672	0.00021	0.00016311	1.05E-03	1.70E-07	0.06	1.57E-01	1.61E-09	1,000,000	1.61E-03
200	0.71358	0.00021	0.00014985	1.05E-03	1.57E-07	0.06	1.57E-01	1.48E-09	1,000,000	1.48E-03
201	0.65842	0.00021	0.00013827	1.05E-03	1.45E-07	0.06	1.57E-01	1.36E-09	1,000,000	1.36E-03
202	0.61018	0.00021	0.00012814	1.05E-03	1.34E-07	0.06	1.57E-01	1.26E-09	1,000,000	1.26E-03
203	0.56804	0.00021	0.00011929	1.05E-03	1.25E-07	0.06	1.57E-01	1.18E-09	1,000,000	1.18E-03
204	1.04215	0.00021	0.00021885	1.05E-03	2.29E-07	0.06	1.57E-01	2.16E-09	1,000,000	2.16E-03
205	0.71833	0.00021	0.00015085	1.05E-03	1.58E-07	0.06	1.57E-01	1.49E-09	1,000,000	1.49E-03
206	0.66177	0.00021	0.00013897	1.05E-03	1.45E-07	0.06	1.57E-01	1.37E-09	1,000,000	1.37E-03
207	0.61175	0.00021	0.00012847	1.05E-03	1.34E-07	0.06	1.57E-01	1.27E-09	1,000,000	1.27E-03
208	0.56829	0.00021	0.00011934	1.05E-03	1.25E-07	0.06	1.57E-01	1.18E-09	1,000,000	1.18E-03
209	0.9489	0.00021	0.00019927	1.05E-03	2.08E-07	0.06	1.57E-01	1.96E-09	1,000,000	1.96E-03
210	0.86446	0.00021	0.00018153	1.05E-03	1.90E-07	0.06	1.57E-01	1.79E-09	1,000,000	1.79E-03
211	0.79029	0.00021	0.00016596	1.05E-03	1.73E-07	0.06	1.57E-01	1.64E-09	1,000,000	1.64E-03
212	0.72516	0.00021	0.00015228	1.05E-03	1.59E-07	0.06	1.57E-01	1.50E-09	1,000,000	1.50E-03
213	0.66766	0.00021	0.00014021	1.05E-03	1.47E-07	0.06	1.57E-01	1.38E-09	1,000,000	1.38E-03
214	0.61662	0.00021	0.00012949	1.05E-03	1.35E-07	0.06	1.57E-01	1.28E-09	1,000,000	1.28E-03
215	0.57151	0.00021	0.00012002	1.05E-03	1.25E-07	0.06	1.57E-01	1.18E-09	1,000,000	1.18E-03
216	0.94506	0.00021	0.00019846	1.05E-03	2.07E-07	0.06	1.57E-01	1.96E-09	1,000,000	1.96E-03
217	0.86593	0.00021	0.00018184	1.05E-03	1.90E-07	0.06	1.57E-01	1.79E-09	1,000,000	1.79E-03
218	0.79541	0.00021	0.00016703	1.05E-03	1.75E-07	0.06	1.57E-01	1.65E-09	1,000,000	1.65E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.73324	0.00021	0.00015398	1.05E-03	1.61E-07	0.06	1.57E-01	1.52E-09	1,000,000	1.52E-03
220	0.6774	0.00021	0.00014225	1.05E-03	1.49E-07	0.06	1.57E-01	1.40E-09	1,000,000	1.40E-03
221	0.62726	0.00021	0.00013172	1.05E-03	1.38E-07	0.06	1.57E-01	1.30E-09	1,000,000	1.30E-03
222	0.86153	0.00021	0.00018092	1.05E-03	1.89E-07	0.06	1.57E-01	1.78E-09	1,000,000	1.78E-03
223	0.79325	0.00021	0.00016658	1.05E-03	1.74E-07	0.06	1.57E-01	1.64E-09	1,000,000	1.64E-03
224	0.73248	0.00021	0.00015382	1.05E-03	1.61E-07	0.06	1.57E-01	1.52E-09	1,000,000	1.52E-03
225	0.6784	0.00021	0.00014246	1.05E-03	1.49E-07	0.06	1.57E-01	1.40E-09	1,000,000	1.40E-03
226	0.62944	0.00021	0.00013218	1.05E-03	1.38E-07	0.06	1.57E-01	1.30E-09	1,000,000	1.30E-03
227	0.78892	0.00021	0.00016567	1.05E-03	1.73E-07	0.06	1.57E-01	1.63E-09	1,000,000	1.63E-03
228	0.72963	0.00021	0.00015322	1.05E-03	1.60E-07	0.06	1.57E-01	1.51E-09	1,000,000	1.51E-03
229	0.67683	0.00021	0.00014213	1.05E-03	1.49E-07	0.06	1.57E-01	1.40E-09	1,000,000	1.40E-03
230	0.62906	0.00021	0.0001321	1.05E-03	1.38E-07	0.06	1.57E-01	1.30E-09	1,000,000	1.30E-03
231	0.72536	0.00021	0.00015232	1.05E-03	1.59E-07	0.06	1.57E-01	1.50E-09	1,000,000	1.50E-03
232	0.67384	0.00021	0.0001415	1.05E-03	1.48E-07	0.06	1.57E-01	1.39E-09	1,000,000	1.39E-03
233	0.62741	0.00021	0.00013175	1.05E-03	1.38E-07	0.06	1.57E-01	1.30E-09	1,000,000	1.30E-03
234	0.58528	0.00021	0.00012291	1.05E-03	1.28E-07	0.06	1.57E-01	1.21E-09	1,000,000	1.21E-03
235	0.66969	0.00021	0.00014063	1.05E-03	1.47E-07	0.06	1.57E-01	1.39E-09	1,000,000	1.39E-03
236	0.62446	0.00021	0.00013113	1.05E-03	1.37E-07	0.06	1.57E-01	1.29E-09	1,000,000	1.29E-03
237	0.58324	0.00021	0.00012248	1.05E-03	1.28E-07	0.06	1.57E-01	1.21E-09	1,000,000	1.21E-03
238	0.54604	0.00021	0.00011467	1.05E-03	1.20E-07	0.06	1.57E-01	1.13E-09	1,000,000	1.13E-03
239	0.62053	0.00021	0.00013031	1.05E-03	1.36E-07	0.06	1.57E-01	1.28E-09	1,000,000	1.28E-03
240	0.58048	0.00021	0.0001219	1.05E-03	1.27E-07	0.06	1.57E-01	1.20E-09	1,000,000	1.20E-03
241	0.54382	0.00021	0.0001142	1.05E-03	1.19E-07	0.06	1.57E-01	1.13E-09	1,000,000	1.13E-03
242	0.51073	0.00021	0.00010725	1.05E-03	1.12E-07	0.06	1.57E-01	1.06E-09	1,000,000	1.06E-03
243	0.95714	0.00021	0.000201	1.05E-03	2.10E-07	0.06	1.57E-01	1.98E-09	1,000,000	1.98E-03
244	0.91636	0.00021	0.00019243	1.05E-03	2.01E-07	0.06	1.57E-01	1.90E-09	1,000,000	1.90E-03
245	0.86907	0.00021	0.0001825	1.05E-03	1.91E-07	0.06	1.57E-01	1.80E-09	1,000,000	1.80E-03
246	0.81825	0.00021	0.00017183	1.05E-03	1.80E-07	0.06	1.57E-01	1.69E-09	1,000,000	1.69E-03
247	0.76649	0.00021	0.00016096	1.05E-03	1.68E-07	0.06	1.57E-01	1.59E-09	1,000,000	1.59E-03
248	0.71642	0.00021	0.00015045	1.05E-03	1.57E-07	0.06	1.57E-01	1.48E-09	1,000,000	1.48E-03
249	0.66915	0.00021	0.00014052	1.05E-03	1.47E-07	0.06	1.57E-01	1.38E-09	1,000,000	1.38E-03
250	0.87464	0.00021	0.00018367	1.05E-03	1.92E-07	0.06	1.57E-01	1.81E-09	1,000,000	1.81E-03
251	0.83775	0.00021	0.00017592	1.05E-03	1.84E-07	0.06	1.57E-01	1.73E-09	1,000,000	1.73E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.79574	0.00021	0.0001671	1.05E-03	1.75E-07	0.06	1.57E-01	1.65E-09	1,000,000	1.65E-03
253	0.75097	0.00021	0.0001577	1.05E-03	1.65E-07	0.06	1.57E-01	1.55E-09	1,000,000	1.55E-03
254	0.7055	0.00021	0.00014815	1.05E-03	1.55E-07	0.06	1.57E-01	1.46E-09	1,000,000	1.46E-03
255	0.66147	0.00021	0.00013891	1.05E-03	1.45E-07	0.06	1.57E-01	1.37E-09	1,000,000	1.37E-03
256	0.6196	0.00021	0.00013011	1.05E-03	1.36E-07	0.06	1.57E-01	1.28E-09	1,000,000	1.28E-03
257	0.80268	0.00021	0.00016856	1.05E-03	1.76E-07	0.06	1.57E-01	1.66E-09	1,000,000	1.66E-03
258	0.76927	0.00021	0.00016154	1.05E-03	1.69E-07	0.06	1.57E-01	1.59E-09	1,000,000	1.59E-03
259	0.73176	0.00021	0.00015367	1.05E-03	1.61E-07	0.06	1.57E-01	1.51E-09	1,000,000	1.51E-03
260	0.6921	0.00021	0.00014534	1.05E-03	1.52E-07	0.06	1.57E-01	1.43E-09	1,000,000	1.43E-03
261	0.65191	0.00021	0.0001369	1.05E-03	1.43E-07	0.06	1.57E-01	1.35E-09	1,000,000	1.35E-03
262	0.61294	0.00021	0.00012872	1.05E-03	1.35E-07	0.06	1.57E-01	1.27E-09	1,000,000	1.27E-03
263	0.57588	0.00021	0.00012093	1.05E-03	1.26E-07	0.06	1.57E-01	1.19E-09	1,000,000	1.19E-03
264	0.73957	0.00021	0.00015531	1.05E-03	1.62E-07	0.06	1.57E-01	1.53E-09	1,000,000	1.53E-03
265	0.70922	0.00021	0.00014893	1.05E-03	1.56E-07	0.06	1.57E-01	1.47E-09	1,000,000	1.47E-03
266	0.67558	0.00021	0.00014187	1.05E-03	1.48E-07	0.06	1.57E-01	1.40E-09	1,000,000	1.40E-03
267	0.64025	0.00021	0.00013445	1.05E-03	1.41E-07	0.06	1.57E-01	1.32E-09	1,000,000	1.32E-03
268	0.60467	0.00021	0.00012698	1.05E-03	1.33E-07	0.06	1.57E-01	1.25E-09	1,000,000	1.25E-03
269	0.56996	0.00021	0.00011969	1.05E-03	1.25E-07	0.06	1.57E-01	1.18E-09	1,000,000	1.18E-03
270	0.53692	0.00021	0.00011275	1.05E-03	1.18E-07	0.06	1.57E-01	1.11E-09	1,000,000	1.11E-03
271	0.68383	0.00021	0.0001436	1.05E-03	1.50E-07	0.06	1.57E-01	1.42E-09	1,000,000	1.42E-03
272	0.65622	0.00021	0.0001378	1.05E-03	1.44E-07	0.06	1.57E-01	1.36E-09	1,000,000	1.36E-03
273	0.62595	0.00021	0.00013145	1.05E-03	1.37E-07	0.06	1.57E-01	1.30E-09	1,000,000	1.30E-03
274	0.59432	0.00021	0.00012481	1.05E-03	1.30E-07	0.06	1.57E-01	1.23E-09	1,000,000	1.23E-03
275	0.56253	0.00021	0.00011813	1.05E-03	1.23E-07	0.06	1.57E-01	1.16E-09	1,000,000	1.16E-03
276	0.53155	0.00021	0.00011162	1.05E-03	1.17E-07	0.06	1.57E-01	1.10E-09	1,000,000	1.10E-03
277	0.50191	0.00021	0.0001054	1.05E-03	1.10E-07	0.06	1.57E-01	1.04E-09	1,000,000	1.04E-03
278	0.56329	0.00021	0.00011829	1.05E-03	1.24E-07	0.06	1.57E-01	1.17E-09	1,000,000	1.17E-03
279	0.595	0.00021	0.00012495	1.05E-03	1.31E-07	0.06	1.57E-01	1.23E-09	1,000,000	1.23E-03
280	0.67806	0.00021	0.00014239	1.05E-03	1.49E-07	0.06	1.57E-01	1.40E-09	1,000,000	1.40E-03
281	0.67351	0.00021	0.00014143	1.05E-03	1.48E-07	0.06	1.57E-01	1.39E-09	1,000,000	1.39E-03
282	0.74618	0.00021	0.0001567	1.05E-03	1.64E-07	0.06	1.57E-01	1.54E-09	1,000,000	1.54E-03
283	0.60897	0.00021	0.00012788	1.05E-03	1.34E-07	0.06	1.57E-01	1.26E-09	1,000,000	1.26E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

					Cancer Risk From Found - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	1.92305	0.00021	0.00040383	6.05E-04	2.44E-07	0.06	4.71E-02	6.91E-10	1,000,000	6.91E-04
27	2.07661	0.00021	0.00043608	6.05E-04	2.64E-07	0.06	4.71E-02	7.46E-10	1,000,000	7.46E-04
28	2.24133	0.00021	0.00047067	6.05E-04	2.85E-07	0.06	4.71E-02	8.06E-10	1,000,000	8.06E-04
29	2.41556	0.00021	0.00050726	6.05E-04	3.07E-07	0.06	4.71E-02	8.68E-10	1,000,000	8.68E-04
30	2.5962	0.00021	0.00054519	6.05E-04	3.30E-07	0.06	4.71E-02	9.33E-10	1,000,000	9.33E-04
31	2.77849	0.00021	0.00058347	6.05E-04	3.53E-07	0.06	4.71E-02	9.99E-10	1,000,000	9.99E-04
32	2.95631	0.00021	0.00062081	6.05E-04	3.76E-07	0.06	4.71E-02	1.06E-09	1,000,000	1.06E-03
33	3.12249	0.00021	0.00065571	6.05E-04	3.97E-07	0.06	4.71E-02	1.12E-09	1,000,000	1.12E-03
34	3.2691	0.00021	0.0006865	6.05E-04	4.15E-07	0.06	4.71E-02	1.17E-09	1,000,000	1.17E-03
35	3.38833	0.00021	0.00071154	6.05E-04	4.31E-07	0.06	4.71E-02	1.22E-09	1,000,000	1.22E-03
36	3.47206	0.00021	0.00072912	6.05E-04	4.41E-07	0.06	4.71E-02	1.25E-09	1,000,000	1.25E-03
37	2.11003	0.00021	0.0004431	6.05E-04	2.68E-07	0.06	4.71E-02	7.58E-10	1,000,000	7.58E-04
38	2.29312	0.00021	0.00048155	6.05E-04	2.91E-07	0.06	4.71E-02	8.24E-10	1,000,000	8.24E-04
39	2.49137	0.00021	0.00052318	6.05E-04	3.17E-07	0.06	4.71E-02	8.95E-10	1,000,000	8.95E-04
40	2.70278	0.00021	0.00056757	6.05E-04	3.43E-07	0.06	4.71E-02	9.71E-10	1,000,000	9.71E-04
41	2.92326	0.00021	0.00061387	6.05E-04	3.71E-07	0.06	4.71E-02	1.05E-09	1,000,000	1.05E-03
42	3.14607	0.00021	0.00066066	6.05E-04	4.00E-07	0.06	4.71E-02	1.13E-09	1,000,000	1.13E-03
43	3.3621	0.00021	0.00070603	6.05E-04	4.27E-07	0.06	4.71E-02	1.21E-09	1,000,000	1.21E-03
44	3.56045	0.00021	0.00074768	6.05E-04	4.52E-07	0.06	4.71E-02	1.28E-09	1,000,000	1.28E-03
45	3.72941	0.00021	0.00078316	6.05E-04	4.74E-07	0.06	4.71E-02	1.34E-09	1,000,000	1.34E-03
46	3.85872	0.00021	0.00081032	6.05E-04	4.90E-07	0.06	4.71E-02	1.39E-09	1,000,000	1.39E-03
47	3.9395	0.00021	0.00082728	6.05E-04	5.01E-07	0.06	4.71E-02	1.42E-09	1,000,000	1.42E-03
48	2.32794	0.00021	0.00048886	6.05E-04	2.96E-07	0.06	4.71E-02	8.37E-10	1,000,000	8.37E-04
49	2.54907	0.00021	0.0005353	6.05E-04	3.24E-07	0.06	4.71E-02	9.16E-10	1,000,000	9.16E-04
50	2.79135	0.00021	0.00058617	6.05E-04	3.55E-07	0.06	4.71E-02	1.00E-09	1,000,000	1.00E-03
51	3.05237	0.00021	0.00064099	6.05E-04	3.88E-07	0.06	4.71E-02	1.10E-09	1,000,000	1.10E-03
52	3.32653	0.00021	0.00069856	6.05E-04	4.23E-07	0.06	4.71E-02	1.20E-09	1,000,000	1.20E-03
53	3.60385	0.00021	0.0007568	6.05E-04	4.58E-07	0.06	4.71E-02	1.30E-09	1,000,000	1.30E-03
54	3.87001	0.00021	0.00081269	6.05E-04	4.92E-07	0.06	4.71E-02	1.39E-09	1,000,000	1.39E-03
55	4.10787	0.00021	0.00086264	6.05E-04	5.22E-07	0.06	4.71E-02	1.48E-09	1,000,000	1.48E-03
56	4.30033	0.00021	0.00090305	6.05E-04	5.46E-07	0.06	4.71E-02	1.55E-09	1,000,000	1.55E-03
57	4.43505	0.00021	0.00093134	6.05E-04	5.64E-07	0.06	4.71E-02	1.59E-09	1,000,000	1.59E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	4.50416	0.00021	0.00094586	6.05E-04	5.72E-07	0.06	4.71E-02	1.62E-09	1,000,000	1.62E-03
59	2.58413	0.00021	0.00054266	6.05E-04	3.28E-07	0.06	4.71E-02	9.29E-10	1,000,000	9.29E-04
60	2.85524	0.00021	0.00059959	6.05E-04	3.63E-07	0.06	4.71E-02	1.03E-09	1,000,000	1.03E-03
61	3.1568	0.00021	0.00066292	6.05E-04	4.01E-07	0.06	4.71E-02	1.13E-09	1,000,000	1.13E-03
62	3.48602	0.00021	0.00073205	6.05E-04	4.43E-07	0.06	4.71E-02	1.25E-09	1,000,000	1.25E-03
63	3.83499	0.00021	0.00080533	6.05E-04	4.87E-07	0.06	4.71E-02	1.38E-09	1,000,000	1.38E-03
64	4.18788	0.00021	0.00087944	6.05E-04	5.32E-07	0.06	4.71E-02	1.51E-09	1,000,000	1.51E-03
65	4.52073	0.00021	0.00094934	6.05E-04	5.74E-07	0.06	4.71E-02	1.62E-09	1,000,000	1.62E-03
66	4.80566	0.00021	0.00100917	6.05E-04	6.11E-07	0.06	4.71E-02	1.73E-09	1,000,000	1.73E-03
67	5.01879	0.00021	0.00105393	6.05E-04	6.38E-07	0.06	4.71E-02	1.80E-09	1,000,000	1.80E-03
68	5.14856	0.00021	0.00108118	6.05E-04	6.54E-07	0.06	4.71E-02	1.85E-09	1,000,000	1.85E-03
69	5.19206	0.00021	0.00109031	6.05E-04	6.60E-07	0.06	4.71E-02	1.87E-09	1,000,000	1.87E-03
70	2.88811	0.00021	0.00060649	6.05E-04	3.67E-07	0.06	4.71E-02	1.04E-09	1,000,000	1.04E-03
71	3.22638	0.00021	0.00067753	6.05E-04	4.10E-07	0.06	4.71E-02	1.16E-09	1,000,000	1.16E-03
72	3.61018	0.00021	0.00075813	6.05E-04	4.59E-07	0.06	4.71E-02	1.30E-09	1,000,000	1.30E-03
73	4.03686	0.00021	0.00084773	6.05E-04	5.13E-07	0.06	4.71E-02	1.45E-09	1,000,000	1.45E-03
74	4.49472	0.00021	0.00094388	6.05E-04	5.71E-07	0.06	4.71E-02	1.62E-09	1,000,000	1.62E-03
75	4.95647	0.00021	0.00104084	6.05E-04	6.30E-07	0.06	4.71E-02	1.78E-09	1,000,000	1.78E-03
76	5.37859	0.00021	0.00112948	6.05E-04	6.83E-07	0.06	4.71E-02	1.93E-09	1,000,000	1.93E-03
77	5.71474	0.00021	0.00120008	6.05E-04	7.26E-07	0.06	4.71E-02	2.05E-09	1,000,000	2.05E-03
78	5.9363	0.00021	0.0012466	6.05E-04	7.54E-07	0.06	4.71E-02	2.13E-09	1,000,000	2.13E-03
79	6.04148	0.00021	0.00126869	6.05E-04	7.68E-07	0.06	4.71E-02	2.17E-09	1,000,000	2.17E-03
80	6.03887	0.00021	0.00126814	6.05E-04	7.67E-07	0.06	4.71E-02	2.17E-09	1,000,000	2.17E-03
81	3.25213	0.00021	0.00068294	6.05E-04	4.13E-07	0.06	4.71E-02	1.17E-09	1,000,000	1.17E-03
82	3.68302	0.00021	0.00077342	6.05E-04	4.68E-07	0.06	4.71E-02	1.32E-09	1,000,000	1.32E-03
83	4.18513	0.00021	0.00087886	6.05E-04	5.32E-07	0.06	4.71E-02	1.50E-09	1,000,000	1.50E-03
84	4.75819	0.00021	0.0009992	6.05E-04	6.05E-07	0.06	4.71E-02	1.71E-09	1,000,000	1.71E-03
85	5.38433	0.00021	0.00113069	6.05E-04	6.84E-07	0.06	4.71E-02	1.94E-09	1,000,000	1.94E-03
86	6.01086	0.00021	0.00126226	6.05E-04	7.64E-07	0.06	4.71E-02	2.16E-09	1,000,000	2.16E-03
87	6.55001	0.00021	0.00137548	6.05E-04	8.32E-07	0.06	4.71E-02	2.35E-09	1,000,000	2.35E-03
88	6.92678	0.00021	0.0014546	6.05E-04	8.80E-07	0.06	4.71E-02	2.49E-09	1,000,000	2.49E-03
89	7.1247	0.00021	0.00149616	6.05E-04	9.05E-07	0.06	4.71E-02	2.56E-09	1,000,000	2.56E-03
90	7.17296	0.00021	0.0015063	6.05E-04	9.11E-07	0.06	4.71E-02	2.58E-09	1,000,000	2.58E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	7.09758	0.00021	0.00149047	6.05E-04	9.02E-07	0.06	4.71E-02	2.55E-09	1,000,000	2.55E-03
92	3.69145	0.00021	0.00077519	6.05E-04	4.69E-07	0.06	4.71E-02	1.33E-09	1,000,000	1.33E-03
93	4.25388	0.00021	0.0008933	6.05E-04	5.41E-07	0.06	4.71E-02	1.53E-09	1,000,000	1.53E-03
94	4.93399	0.00021	0.00103612	6.05E-04	6.27E-07	0.06	4.71E-02	1.77E-09	1,000,000	1.77E-03
95	5.74217	0.00021	0.00120584	6.05E-04	7.30E-07	0.06	4.71E-02	2.06E-09	1,000,000	2.06E-03
96	6.65228	0.00021	0.00139696	6.05E-04	8.45E-07	0.06	4.71E-02	2.39E-09	1,000,000	2.39E-03
97	7.54439	0.00021	0.0015843	6.05E-04	9.59E-07	0.06	4.71E-02	2.71E-09	1,000,000	2.71E-03
98	8.21848	0.00021	0.00172585	6.05E-04	1.04E-06	0.06	4.71E-02	2.95E-09	1,000,000	2.95E-03
99	8.57852	0.00021	0.00180146	6.05E-04	1.09E-06	0.06	4.71E-02	3.08E-09	1,000,000	3.08E-03
100	8.68594	0.00021	0.00182402	6.05E-04	1.10E-06	0.06	4.71E-02	3.12E-09	1,000,000	3.12E-03
101	8.63352	0.00021	0.00181301	6.05E-04	1.10E-06	0.06	4.71E-02	3.10E-09	1,000,000	3.10E-03
102	8.45664	0.00021	0.00177586	6.05E-04	1.07E-06	0.06	4.71E-02	3.04E-09	1,000,000	3.04E-03
103	6.81394	0.00021	0.0014309	6.05E-04	8.66E-07	0.06	4.71E-02	2.45E-09	1,000,000	2.45E-03
104	8.14064	0.00021	0.00170951	6.05E-04	1.03E-06	0.06	4.71E-02	2.93E-09	1,000,000	2.93E-03
105	9.69202	0.00021	0.00203529	6.05E-04	1.23E-06	0.06	4.71E-02	3.48E-09	1,000,000	3.48E-03
106	10.39119	0.00021	0.00218211	6.05E-04	1.32E-06	0.06	4.71E-02	3.73E-09	1,000,000	3.73E-03
107	10.87078	0.00021	0.00228283	6.05E-04	1.38E-06	0.06	4.71E-02	3.91E-09	1,000,000	3.91E-03
108	10.7777	0.00021	0.00226328	6.05E-04	1.37E-06	0.06	4.71E-02	3.87E-09	1,000,000	3.87E-03
109	10.58448	0.00021	0.0022227	6.05E-04	1.34E-06	0.06	4.71E-02	3.80E-09	1,000,000	3.80E-03
110	10.28668	0.00021	0.00216017	6.05E-04	1.31E-06	0.06	4.71E-02	3.70E-09	1,000,000	3.70E-03
111	5.72189	0.00021	0.00120158	6.05E-04	7.27E-07	0.06	4.71E-02	2.06E-09	1,000,000	2.06E-03
112	4.7469	0.00021	0.00099683	6.05E-04	6.03E-07	0.06	4.71E-02	1.71E-09	1,000,000	1.71E-03

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.92305	0.00021	0.00040383	2.50E-04	1.01E-07	0.06	1.57E-02	9.53E-11	1,000,000	9.53E-05
27	2.07661	0.00021	0.00043608	2.50E-04	1.09E-07	0.06	1.57E-02	1.03E-10	1,000,000	1.03E-04
28	2.24133	0.00021	0.00047067	2.50E-04	1.18E-07	0.06	1.57E-02	1.11E-10	1,000,000	1.11E-04
29	2.41556	0.00021	0.00050726	2.50E-04	1.27E-07	0.06	1.57E-02	1.20E-10	1,000,000	1.20E-04
30	2.5962	0.00021	0.00054519	2.50E-04	1.36E-07	0.06	1.57E-02	1.29E-10	1,000,000	1.29E-04
31	2.77849	0.00021	0.00058347	2.50E-04	1.46E-07	0.06	1.57E-02	1.38E-10	1,000,000	1.38E-04
32	2.95631	0.00021	0.00062081	2.50E-04	1.55E-07	0.06	1.57E-02	1.46E-10	1,000,000	1.46E-04
33	3.12249	0.00021	0.00065571	2.50E-04	1.64E-07	0.06	1.57E-02	1.55E-10	1,000,000	1.55E-04
34	3.2691	0.00021	0.0006865	2.50E-04	1.72E-07	0.06	1.57E-02	1.62E-10	1,000,000	1.62E-04
35	3.38833	0.00021	0.00071154	2.50E-04	1.78E-07	0.06	1.57E-02	1.68E-10	1,000,000	1.68E-04
36	3.47206	0.00021	0.00072912	2.50E-04	1.82E-07	0.06	1.57E-02	1.72E-10	1,000,000	1.72E-04
37	2.11003	0.00021	0.0004431	2.50E-04	1.11E-07	0.06	1.57E-02	1.05E-10	1,000,000	1.05E-04
38	2.29312	0.00021	0.00048155	2.50E-04	1.21E-07	0.06	1.57E-02	1.14E-10	1,000,000	1.14E-04
39	2.49137	0.00021	0.00052318	2.50E-04	1.31E-07	0.06	1.57E-02	1.23E-10	1,000,000	1.23E-04
40	2.70278	0.00021	0.00056757	2.50E-04	1.42E-07	0.06	1.57E-02	1.34E-10	1,000,000	1.34E-04
41	2.92326	0.00021	0.00061387	2.50E-04	1.54E-07	0.06	1.57E-02	1.45E-10	1,000,000	1.45E-04
42	3.14607	0.00021	0.00066066	2.50E-04	1.65E-07	0.06	1.57E-02	1.56E-10	1,000,000	1.56E-04
43	3.3621	0.00021	0.00070603	2.50E-04	1.77E-07	0.06	1.57E-02	1.67E-10	1,000,000	1.67E-04
44	3.56045	0.00021	0.00074768	2.50E-04	1.87E-07	0.06	1.57E-02	1.76E-10	1,000,000	1.76E-04
45	3.72941	0.00021	0.00078316	2.50E-04	1.96E-07	0.06	1.57E-02	1.85E-10	1,000,000	1.85E-04
46	3.85872	0.00021	0.00081032	2.50E-04	2.03E-07	0.06	1.57E-02	1.91E-10	1,000,000	1.91E-04
47	3.9395	0.00021	0.00082728	2.50E-04	2.07E-07	0.06	1.57E-02	1.95E-10	1,000,000	1.95E-04
48	2.32794	0.00021	0.00048886	2.50E-04	1.22E-07	0.06	1.57E-02	1.15E-10	1,000,000	1.15E-04
49	2.54907	0.00021	0.0005353	2.50E-04	1.34E-07	0.06	1.57E-02	1.26E-10	1,000,000	1.26E-04
50	2.79135	0.00021	0.00058617	2.50E-04	1.47E-07	0.06	1.57E-02	1.38E-10	1,000,000	1.38E-04
51	3.05237	0.00021	0.00064099	2.50E-04	1.60E-07	0.06	1.57E-02	1.51E-10	1,000,000	1.51E-04
52	3.32653	0.00021	0.00069856	2.50E-04	1.75E-07	0.06	1.57E-02	1.65E-10	1,000,000	1.65E-04
53	3.60385	0.00021	0.0007568	2.50E-04	1.89E-07	0.06	1.57E-02	1.79E-10	1,000,000	1.79E-04
54	3.87001	0.00021	0.00081269	2.50E-04	2.03E-07	0.06	1.57E-02	1.92E-10	1,000,000	1.92E-04
55	4.10787	0.00021	0.00086264	2.50E-04	2.16E-07	0.06	1.57E-02	2.04E-10	1,000,000	2.04E-04
56	4.30033	0.00021	0.00090305	2.50E-04	2.26E-07	0.06	1.57E-02	2.13E-10	1,000,000	2.13E-04
57	4.43505	0.00021	0.00093134	2.50E-04	2.33E-07	0.06	1.57E-02	2.20E-10	1,000,000	2.20E-04
58	4.50416	0.00021	0.00094586	2.50E-04	2.37E-07	0.06	1.57E-02	2.23E-10	1,000,000	2.23E-04
59	2.58413	0.00021	0.00054266	2.50E-04	1.36E-07	0.06	1.57E-02	1.28E-10	1,000,000	1.28E-04
60	2.85524	0.00021	0.00059959	2.50E-04	1.50E-07	0.06	1.57E-02	1.41E-10	1,000,000	1.41E-04
61	3.1568	0.00021	0.00066292	2.50E-04	1.66E-07	0.06	1.57E-02	1.56E-10	1,000,000	1.56E-04
62	3.48602	0.00021	0.00073205	2.50E-04	1.83E-07	0.06	1.57E-02	1.73E-10	1,000,000	1.73E-04
63	3.83499	0.00021	0.00080533	2.50E-04	2.02E-07	0.06	1.57E-02	1.90E-10	1,000,000	1.90E-04
64	4.18788	0.00021	0.00087944	2.50E-04	2.20E-07	0.06	1.57E-02	2.08E-10	1,000,000	2.08E-04
65	4.52073	0.00021	0.00094934	2.50E-04	2.38E-07	0.06	1.57E-02	2.24E-10	1,000,000	2.24E-04

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	4.80566	0.00021	0.00100917	2.50E-04	2.53E-07	0.06	1.57E-02	2.38E-10	1,000,000	2.38E-04
67	5.01879	0.00021	0.00105393	2.50E-04	2.64E-07	0.06	1.57E-02	2.49E-10	1,000,000	2.49E-04
68	5.14856	0.00021	0.00108118	2.50E-04	2.71E-07	0.06	1.57E-02	2.55E-10	1,000,000	2.55E-04
69	5.19206	0.00021	0.00109031	2.50E-04	2.73E-07	0.06	1.57E-02	2.57E-10	1,000,000	2.57E-04
70	2.88811	0.00021	0.00060649	2.50E-04	1.52E-07	0.06	1.57E-02	1.43E-10	1,000,000	1.43E-04
71	3.22638	0.00021	0.00067753	2.50E-04	1.70E-07	0.06	1.57E-02	1.60E-10	1,000,000	1.60E-04
72	3.61018	0.00021	0.00075813	2.50E-04	1.90E-07	0.06	1.57E-02	1.79E-10	1,000,000	1.79E-04
73	4.03686	0.00021	0.00084773	2.50E-04	2.12E-07	0.06	1.57E-02	2.00E-10	1,000,000	2.00E-04
74	4.49472	0.00021	0.00094388	2.50E-04	2.36E-07	0.06	1.57E-02	2.23E-10	1,000,000	2.23E-04
75	4.95647	0.00021	0.00104084	2.50E-04	2.60E-07	0.06	1.57E-02	2.46E-10	1,000,000	2.46E-04
76	5.37859	0.00021	0.00112948	2.50E-04	2.83E-07	0.06	1.57E-02	2.67E-10	1,000,000	2.67E-04
77	5.71474	0.00021	0.00120008	2.50E-04	3.00E-07	0.06	1.57E-02	2.83E-10	1,000,000	2.83E-04
78	5.9363	0.00021	0.0012466	2.50E-04	3.12E-07	0.06	1.57E-02	2.94E-10	1,000,000	2.94E-04
79	6.04148	0.00021	0.00126869	2.50E-04	3.18E-07	0.06	1.57E-02	2.99E-10	1,000,000	2.99E-04
80	6.03887	0.00021	0.00126814	2.50E-04	3.17E-07	0.06	1.57E-02	2.99E-10	1,000,000	2.99E-04
81	3.25213	0.00021	0.00068294	2.50E-04	1.71E-07	0.06	1.57E-02	1.61E-10	1,000,000	1.61E-04
82	3.68302	0.00021	0.00077342	2.50E-04	1.94E-07	0.06	1.57E-02	1.83E-10	1,000,000	1.83E-04
83	4.18513	0.00021	0.00087886	2.50E-04	2.20E-07	0.06	1.57E-02	2.07E-10	1,000,000	2.07E-04
84	4.75819	0.00021	0.0009992	2.50E-04	2.50E-07	0.06	1.57E-02	2.36E-10	1,000,000	2.36E-04
85	5.38433	0.00021	0.00113069	2.50E-04	2.83E-07	0.06	1.57E-02	2.67E-10	1,000,000	2.67E-04
86	6.01086	0.00021	0.00126226	2.50E-04	3.16E-07	0.06	1.57E-02	2.98E-10	1,000,000	2.98E-04
87	6.55001	0.00021	0.00137548	2.50E-04	3.44E-07	0.06	1.57E-02	3.25E-10	1,000,000	3.25E-04
88	6.92678	0.00021	0.0014546	2.50E-04	3.64E-07	0.06	1.57E-02	3.43E-10	1,000,000	3.43E-04
89	7.1247	0.00021	0.00149616	2.50E-04	3.74E-07	0.06	1.57E-02	3.53E-10	1,000,000	3.53E-04
90	7.17296	0.00021	0.0015063	2.50E-04	3.77E-07	0.06	1.57E-02	3.55E-10	1,000,000	3.55E-04
91	7.09758	0.00021	0.00149047	2.50E-04	3.73E-07	0.06	1.57E-02	3.52E-10	1,000,000	3.52E-04
92	3.69145	0.00021	0.00077519	2.50E-04	1.94E-07	0.06	1.57E-02	1.83E-10	1,000,000	1.83E-04
93	4.25388	0.00021	0.0008933	2.50E-04	2.24E-07	0.06	1.57E-02	2.11E-10	1,000,000	2.11E-04
94	4.93399	0.00021	0.00103612	2.50E-04	2.59E-07	0.06	1.57E-02	2.44E-10	1,000,000	2.44E-04
95	5.74217	0.00021	0.00120584	2.50E-04	3.02E-07	0.06	1.57E-02	2.85E-10	1,000,000	2.85E-04
96	6.65228	0.00021	0.00139696	2.50E-04	3.50E-07	0.06	1.57E-02	3.30E-10	1,000,000	3.30E-04
97	7.54439	0.00021	0.0015843	2.50E-04	3.97E-07	0.06	1.57E-02	3.74E-10	1,000,000	3.74E-04
98	8.21848	0.00021	0.00172585	2.50E-04	4.32E-07	0.06	1.57E-02	4.07E-10	1,000,000	4.07E-04
99	8.57852	0.00021	0.00180146	2.50E-04	4.51E-07	0.06	1.57E-02	4.25E-10	1,000,000	4.25E-04
100	8.68594	0.00021	0.00182402	2.50E-04	4.57E-07	0.06	1.57E-02	4.30E-10	1,000,000	4.30E-04
101	8.63352	0.00021	0.00181301	2.50E-04	4.54E-07	0.06	1.57E-02	4.28E-10	1,000,000	4.28E-04
102	8.45664	0.00021	0.00177586	2.50E-04	4.44E-07	0.06	1.57E-02	4.19E-10	1,000,000	4.19E-04
103	6.81394	0.00021	0.0014309	2.50E-04	3.58E-07	0.06	1.57E-02	3.38E-10	1,000,000	3.38E-04
104	8.14064	0.00021	0.00170951	2.50E-04	4.28E-07	0.06	1.57E-02	4.03E-10	1,000,000	4.03E-04
105	9.69202	0.00021	0.00203529	2.50E-04	5.09E-07	0.06	1.57E-02	4.80E-10	1,000,000	4.80E-04
106	10.39119	0.00021	0.00218211	2.50E-04	5.46E-07	0.06	1.57E-02	5.15E-10	1,000,000	5.15E-04
107	10.87078	0.00021	0.00228283	2.50E-04	5.71E-07	0.06	1.57E-02	5.39E-10	1,000,000	5.39E-04

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Cancer Risk From Found - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	10.7777	0.00021	0.00226328	2.50E-04	5.66E-07	0.06	1.57E-02	5.34E-10	1,000,000	5.34E-04
109	10.58448	0.00021	0.0022227	2.50E-04	5.56E-07	0.06	1.57E-02	5.24E-10	1,000,000	5.24E-04
110	10.28668	0.00021	0.00216017	2.50E-04	5.41E-07	0.06	1.57E-02	5.10E-10	1,000,000	5.10E-04
111	5.72189	0.00021	0.00120158	2.50E-04	3.01E-07	0.06	1.57E-02	2.84E-10	1,000,000	2.84E-04
112	4.7469	0.00021	0.00099683	2.50E-04	2.49E-07	0.06	1.57E-02	2.35E-10	1,000,000	2.35E-04

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	4.0E-04	School	0.00391	107	5	8.09E-06	4.57E-04	107	School
2	4.3E-04	Res	0.00230	140	5	8.63E-06	4.66E-05	140	Res
3	4.6E-04	Teacher	0.00054	107	5	9.25E-06	4.6E-04	107	Teacher
4	4.9E-04				5	9.94E-06			
5	5.3E-04				5	1.07E-05			
6	4.0E-04				5	8.10E-06			
7	4.3E-04				5	8.65E-06			
8	4.6E-04				5	9.27E-06			
9	4.9E-04				5	9.99E-06			
10	5.3E-04				5	1.08E-05			
11	4.0E-04				5	8.11E-06			
12	4.3E-04				5	8.68E-06			
13	4.6E-04				5	9.32E-06			
14	5.0E-04				5	1.01E-05			
15	5.4E-04				5	1.09E-05			
16	4.0E-04				5	8.14E-06			
17	4.3E-04				5	8.72E-06			
18	4.6E-04				5	9.38E-06			
19	5.0E-04				5	1.01E-05			
20	5.4E-04				5	1.10E-05			
21	4.0E-04				5	8.18E-06			
22	4.3E-04				5	8.78E-06			
23	4.7E-04				5	9.46E-06			
24	5.0E-04				5	1.02E-05			
25	5.5E-04				5	1.11E-05			
113	2.0E-03				5	4.09E-05			
114	1.8E-03				5	3.71E-05			
115	1.7E-03				5	3.38E-05			
116	1.5E-03				5	3.08E-05			
117	2.1E-03				5	4.22E-05			
118	1.9E-03				5	3.81E-05			
119	1.7E-03				5	3.45E-05			

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-03			5	3.14E-05		
121	2.1E-03			5	4.34E-05		
122	1.9E-03			5	3.90E-05		
123	1.7E-03			5	3.52E-05		
124	1.6E-03			5	3.19E-05		
125	2.2E-03			5	4.44E-05		
126	2.0E-03			5	3.97E-05		
127	1.8E-03			5	3.58E-05		
128	1.6E-03			5	3.24E-05		
129	2.2E-03			5	4.52E-05		
130	2.0E-03			5	4.03E-05		
131	1.8E-03			5	3.62E-05		
132	1.6E-03			5	3.27E-05		
133	2.3E-03			5	4.59E-05		
134	2.0E-03			5	4.08E-05		
135	1.8E-03			5	3.65E-05		
136	1.6E-03			5	3.29E-05		
137	2.3E-03			5	4.63E-05		
138	1.8E-03			5	3.67E-05		
139	1.6E-03			5	3.30E-05		
140	2.3E-03			5	4.66E-05		
141	2.0E-03			5	4.12E-05		
142	1.8E-03			5	3.67E-05		
143	1.6E-03			5	3.29E-05		
144	2.3E-03			5	4.66E-05		
145	2.0E-03			5	4.11E-05		
146	1.8E-03			5	3.66E-05		
147	1.6E-03			5	3.28E-05		
148	2.3E-03			5	4.64E-05		
149	2.0E-03			5	4.10E-05		
150	1.8E-03			5	3.65E-05		
151	1.6E-03			5	3.28E-05		
152	2.3E-03			5	4.61E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	2.0E-03			5	4.08E-05		
154	1.8E-03			5	3.63E-05		
155	1.6E-03			5	3.26E-05		
156	2.2E-03			5	4.55E-05		
157	2.0E-03			5	4.03E-05		
158	1.8E-03			5	3.60E-05		
159	1.6E-03			5	3.24E-05		
160	2.2E-03			5	4.44E-05		
161	1.9E-03			5	3.95E-05		
162	1.7E-03			5	3.55E-05		
163	1.6E-03			5	3.20E-05		
164	2.1E-03			5	4.28E-05		
165	1.9E-03			5	3.84E-05		
166	1.7E-03			5	3.46E-05		
167	1.5E-03			5	3.13E-05		
168	2.0E-03			5	4.07E-05		
169	1.8E-03			5	3.68E-05		
170	1.6E-03			5	3.34E-05		
171	1.5E-03			5	3.04E-05		
172	1.9E-03			5	3.84E-05		
173	1.7E-03			5	3.49E-05		
174	1.6E-03			5	3.19E-05		
175	1.4E-03			5	2.92E-05		
176	1.8E-03			5	3.58E-05		
177	1.6E-03			5	3.28E-05		
178	1.5E-03			5	3.01E-05		
179	1.4E-03			5	2.78E-05		
180	1.6E-03			5	3.33E-05		
181	1.5E-03			5	3.06E-05		
182	1.4E-03			5	2.83E-05		
183	1.3E-03			5	2.62E-05		
184	2.2E-03			5	4.49E-05		
185	1.9E-03			5	3.86E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	1.7E-03			5	3.52E-05		
187	1.6E-03			5	3.23E-05		
188	1.5E-03			5	2.98E-05		
189	1.9E-03			5	3.88E-05		
190	1.7E-03			5	3.54E-05		
191	1.6E-03			5	3.24E-05		
192	1.5E-03			5	2.99E-05		
193	1.4E-03			5	2.76E-05		
194	1.7E-03			5	3.55E-05		
195	1.6E-03			5	3.25E-05		
196	1.5E-03			5	2.99E-05		
197	1.4E-03			5	2.76E-05		
198	1.3E-03			5	2.57E-05		
199	1.6E-03			5	3.26E-05		
200	1.5E-03			5	3.00E-05		
201	1.4E-03			5	2.77E-05		
202	1.3E-03			5	2.56E-05		
203	1.2E-03			5	2.39E-05		
204	2.2E-03			5	4.38E-05		
205	1.5E-03			5	3.02E-05		
206	1.4E-03			5	2.78E-05		
207	1.3E-03			5	2.57E-05		
208	1.2E-03			5	2.39E-05		
209	2.0E-03			5	3.99E-05		
210	1.8E-03			5	3.63E-05		
211	1.6E-03			5	3.32E-05		
212	1.5E-03			5	3.05E-05		
213	1.4E-03			5	2.80E-05		
214	1.3E-03			5	2.59E-05		
215	1.2E-03			5	2.40E-05		
216	2.0E-03			5	3.97E-05		
217	1.8E-03			5	3.64E-05		
218	1.6E-03			5	3.34E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	1.5E-03			5	3.08E-05		
220	1.4E-03			5	2.85E-05		
221	1.3E-03			5	2.63E-05		
222	1.8E-03			5	3.62E-05		
223	1.6E-03			5	3.33E-05		
224	1.5E-03			5	3.08E-05		
225	1.4E-03			5	2.85E-05		
226	1.3E-03			5	2.64E-05		
227	1.6E-03			5	3.31E-05		
228	1.5E-03			5	3.06E-05		
229	1.4E-03			5	2.84E-05		
230	1.3E-03			5	2.64E-05		
231	1.5E-03			5	3.05E-05		
232	1.4E-03			5	2.83E-05		
233	1.3E-03			5	2.64E-05		
234	1.2E-03			5	2.46E-05		
235	1.4E-03			5	2.81E-05		
236	1.3E-03			5	2.62E-05		
237	1.2E-03			5	2.45E-05		
238	1.1E-03			5	2.29E-05		
239	1.3E-03			5	2.61E-05		
240	1.2E-03			5	2.44E-05		
241	1.1E-03			5	2.28E-05		
242	1.1E-03			5	2.15E-05		
243	2.0E-03			5	4.02E-05		
244	1.9E-03			5	3.85E-05		
245	1.8E-03			5	3.65E-05		
246	1.7E-03			5	3.44E-05		
247	1.6E-03			5	3.22E-05		
248	1.5E-03			5	3.01E-05		
249	1.4E-03			5	2.81E-05		
250	1.8E-03			5	3.67E-05		
251	1.7E-03			5	3.52E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	1.6E-03			5	3.34E-05		
253	1.6E-03			5	3.15E-05		
254	1.5E-03			5	2.96E-05		
255	1.4E-03			5	2.78E-05		
256	1.3E-03			5	2.60E-05		
257	1.7E-03			5	3.37E-05		
258	1.6E-03			5	3.23E-05		
259	1.5E-03			5	3.07E-05		
260	1.4E-03			5	2.91E-05		
261	1.3E-03			5	2.74E-05		
262	1.3E-03			5	2.57E-05		
263	1.2E-03			5	2.42E-05		
264	1.5E-03			5	3.11E-05		
265	1.5E-03			5	2.98E-05		
266	1.4E-03			5	2.84E-05		
267	1.3E-03			5	2.69E-05		
268	1.3E-03			5	2.54E-05		
269	1.2E-03			5	2.39E-05		
270	1.1E-03			5	2.26E-05		
271	1.4E-03			5	2.87E-05		
272	1.4E-03			5	2.76E-05		
273	1.3E-03			5	2.63E-05		
274	1.2E-03			5	2.50E-05		
275	1.2E-03			5	2.36E-05		
276	1.1E-03			5	2.23E-05		
277	1.0E-03			5	2.11E-05		
278	1.2E-03			5	2.37E-05		
279	1.2E-03			5	2.50E-05		
280	1.4E-03			5	2.85E-05		
281	1.4E-03			5	2.83E-05		
282	1.5E-03			5	3.13E-05		
283	1.3E-03			5	2.56E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	6.9E-04			5	8.08E-05		
27	7.5E-04			5	8.72E-05		
28	8.1E-04			5	9.41E-05		
29	8.7E-04			5	1.01E-04		
30	9.3E-04			5	1.09E-04		
31	1.0E-03			5	1.17E-04		
32	1.1E-03			5	1.24E-04		
33	1.1E-03			5	1.31E-04		
34	1.2E-03			5	1.37E-04		
35	1.2E-03			5	1.42E-04		
36	1.2E-03			5	1.46E-04		
37	7.6E-04			5	8.86E-05		
38	8.2E-04			5	9.63E-05		
39	9.0E-04			5	1.05E-04		
40	9.7E-04			5	1.14E-04		
41	1.1E-03			5	1.23E-04		
42	1.1E-03			5	1.32E-04		
43	1.2E-03			5	1.41E-04		
44	1.3E-03			5	1.50E-04		
45	1.3E-03			5	1.57E-04		
46	1.4E-03			5	1.62E-04		
47	1.4E-03			5	1.65E-04		
48	8.4E-04			5	9.78E-05		
49	9.2E-04			5	1.07E-04		
50	1.0E-03			5	1.17E-04		
51	1.1E-03			5	1.28E-04		
52	1.2E-03			5	1.40E-04		
53	1.3E-03			5	1.51E-04		
54	1.4E-03			5	1.63E-04		
55	1.5E-03			5	1.73E-04		
56	1.5E-03			5	1.81E-04		
57	1.6E-03			5	1.86E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	1.6E-03			5	1.89E-04		
59	9.3E-04			5	1.09E-04		
60	1.0E-03			5	1.20E-04		
61	1.1E-03			5	1.33E-04		
62	1.3E-03			5	1.46E-04		
63	1.4E-03			5	1.61E-04		
64	1.5E-03			5	1.76E-04		
65	1.6E-03			5	1.90E-04		
66	1.7E-03			5	2.02E-04		
67	1.8E-03			5	2.11E-04		
68	1.9E-03			5	2.16E-04		
69	1.9E-03			5	2.18E-04		
70	1.0E-03			5	1.21E-04		
71	1.2E-03			5	1.36E-04		
72	1.3E-03			5	1.52E-04		
73	1.5E-03			5	1.70E-04		
74	1.6E-03			5	1.89E-04		
75	1.8E-03			5	2.08E-04		
76	1.9E-03			5	2.26E-04		
77	2.1E-03			5	2.40E-04		
78	2.1E-03			5	2.49E-04		
79	2.2E-03			5	2.54E-04		
80	2.2E-03			5	2.54E-04		
81	1.2E-03			5	1.37E-04		
82	1.3E-03			5	1.55E-04		
83	1.5E-03			5	1.76E-04		
84	1.7E-03			5	2.00E-04		
85	1.9E-03			5	2.26E-04		
86	2.2E-03			5	2.52E-04		
87	2.4E-03			5	2.75E-04		
88	2.5E-03			5	2.91E-04		
89	2.6E-03			5	2.99E-04		
90	2.6E-03			5	3.01E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	2.6E-03			5	2.98E-04		
92	1.3E-03			5	1.55E-04		
93	1.5E-03			5	1.79E-04		
94	1.8E-03			5	2.07E-04		
95	2.1E-03			5	2.41E-04		
96	2.4E-03			5	2.79E-04		
97	2.7E-03			5	3.17E-04		
98	3.0E-03			5	3.45E-04		
99	3.1E-03			5	3.60E-04		
100	3.1E-03			5	3.65E-04		
101	3.1E-03			5	3.63E-04		
102	3.0E-03			5	3.55E-04		
103	2.4E-03			5	2.86E-04		
104	2.9E-03			5	3.42E-04		
105	3.5E-03			5	4.07E-04		
106	3.7E-03			5	4.36E-04		
107	3.9E-03			5	4.57E-04		
108	3.9E-03			5	4.53E-04		
109	3.8E-03			5	4.45E-04		
110	3.7E-03			5	4.32E-04		
111	2.1E-03			5	2.40E-04		
112	1.7E-03			5	1.99E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
			School - Teacher				
26	9.5E-05			5	8.08E-05		
27	1.0E-04			5	8.72E-05		
28	1.1E-04			5	9.41E-05		
29	1.2E-04			5	1.01E-04		
30	1.3E-04			5	1.09E-04		
31	1.4E-04			5	1.17E-04		
32	1.5E-04			5	1.24E-04		
33	1.5E-04			5	1.31E-04		
34	1.6E-04			5	1.37E-04		
35	1.7E-04			5	1.42E-04		
36	1.7E-04			5	1.46E-04		
37	1.0E-04			5	8.86E-05		
38	1.1E-04			5	9.63E-05		
39	1.2E-04			5	1.05E-04		
40	1.3E-04			5	1.14E-04		
41	1.4E-04			5	1.23E-04		
42	1.6E-04			5	1.32E-04		
43	1.7E-04			5	1.41E-04		
44	1.8E-04			5	1.50E-04		
45	1.8E-04			5	1.57E-04		
46	1.9E-04			5	1.62E-04		
47	2.0E-04			5	1.65E-04		
48	1.2E-04			5	9.78E-05		
49	1.3E-04			5	1.07E-04		
50	1.4E-04			5	1.17E-04		
51	1.5E-04			5	1.28E-04		
52	1.6E-04			5	1.40E-04		
53	1.8E-04			5	1.51E-04		
54	1.9E-04			5	1.63E-04		
55	2.0E-04			5	1.73E-04		
56	2.1E-04			5	1.81E-04		
57	2.2E-04			5	1.86E-04		
58	2.2E-04			5	1.89E-04		
59	1.3E-04			5	1.09E-04		
60	1.4E-04			5	1.20E-04		
61	1.6E-04			5	1.33E-04		
62	1.7E-04			5	1.46E-04		
63	1.9E-04			5	1.61E-04		
64	2.1E-04			5	1.76E-04		
65	2.2E-04			5	1.90E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	2.4E-04			5	2.02E-04		
67	2.5E-04			5	2.11E-04		
68	2.6E-04			5	2.16E-04		
69	2.6E-04			5	2.18E-04		
70	1.4E-04			5	1.21E-04		
71	1.6E-04			5	1.36E-04		
72	1.8E-04			5	1.52E-04		
73	2.0E-04			5	1.70E-04		
74	2.2E-04			5	1.89E-04		
75	2.5E-04			5	2.08E-04		
76	2.7E-04			5	2.26E-04		
77	2.8E-04			5	2.40E-04		
78	2.9E-04			5	2.49E-04		
79	3.0E-04			5	2.54E-04		
80	3.0E-04			5	2.54E-04		
81	1.6E-04			5	1.37E-04		
82	1.8E-04			5	1.55E-04		
83	2.1E-04			5	1.76E-04		
84	2.4E-04			5	2.00E-04		
85	2.7E-04			5	2.26E-04		
86	3.0E-04			5	2.52E-04		
87	3.2E-04			5	2.75E-04		
88	3.4E-04			5	2.91E-04		
89	3.5E-04			5	2.99E-04		
90	3.6E-04			5	3.01E-04		
91	3.5E-04			5	2.98E-04		
92	1.8E-04			5	1.55E-04		
93	2.1E-04			5	1.79E-04		
94	2.4E-04			5	2.07E-04		
95	2.8E-04			5	2.41E-04		
96	3.3E-04			5	2.79E-04		
97	3.7E-04			5	3.17E-04		
98	4.1E-04			5	3.45E-04		
99	4.3E-04			5	3.60E-04		
100	4.3E-04			5	3.65E-04		
101	4.3E-04			5	3.63E-04		
102	4.2E-04			5	3.55E-04		
103	3.4E-04			5	2.86E-04		
104	4.0E-04			5	3.42E-04		
105	4.8E-04			5	4.07E-04		
106	5.1E-04			5	4.36E-04		
107	5.4E-04			5	4.57E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Foundation

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	5.3E-04			5	4.53E-04		
109	5.2E-04			5	4.45E-04		
110	5.1E-04			5	4.32E-04		
111	2.8E-04			5	2.40E-04		
112	2.4E-04			5	1.99E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.13721	**5.04E-03**	6.92E-04	1.05E-03	7.23E-07	0.79	1.57E-01	9.01E-08	1,000,000	9.01E-02
2	0.14468	0.00503992	0.00072917	1.05E-03	7.62E-07	0.79	1.57E-01	9.50E-08	1,000,000	9.50E-02
3	0.15301	0.00503992	0.00077116	1.05E-03	8.06E-07	0.79	1.57E-01	1.00E-07	1,000,000	1.00E-01
4	0.16195	0.00503992	0.00081621	1.05E-03	8.53E-07	0.79	1.57E-01	1.06E-07	1,000,000	1.06E-01
5	0.1719	0.00503992	0.00086636	1.05E-03	9.06E-07	0.79	1.57E-01	1.13E-07	1,000,000	1.13E-01
6	0.13511	0.00503992	0.00068094	1.05E-03	7.12E-07	0.79	1.57E-01	8.87E-08	1,000,000	8.87E-02
7	0.14233	0.00503992	0.00071733	1.05E-03	7.50E-07	0.79	1.57E-01	9.35E-08	1,000,000	9.35E-02
8	0.15029	0.00503992	0.00075745	1.05E-03	7.92E-07	0.79	1.57E-01	9.87E-08	1,000,000	9.87E-02
9	0.15922	0.00503992	0.00080246	1.05E-03	8.39E-07	0.79	1.57E-01	1.05E-07	1,000,000	1.05E-01
10	0.16886	0.00503992	0.00085104	1.05E-03	8.90E-07	0.79	1.57E-01	1.11E-07	1,000,000	1.11E-01
11	0.13288	0.00503992	0.0006697	1.05E-03	7.00E-07	0.79	1.57E-01	8.73E-08	1,000,000	8.73E-02
12	0.13993	0.00503992	0.00070524	1.05E-03	7.37E-07	0.79	1.57E-01	9.19E-08	1,000,000	9.19E-02
13	0.14772	0.00503992	0.0007445	1.05E-03	7.78E-07	0.79	1.57E-01	9.70E-08	1,000,000	9.70E-02
14	0.15649	0.00503992	0.0007887	1.05E-03	8.24E-07	0.79	1.57E-01	1.03E-07	1,000,000	1.03E-01
15	0.16591	0.00503992	0.00083617	1.05E-03	8.74E-07	0.79	1.57E-01	1.09E-07	1,000,000	1.09E-01
16	0.13069	0.00503992	0.00065867	1.05E-03	6.88E-07	0.79	1.57E-01	8.58E-08	1,000,000	8.58E-02
17	0.13764	0.00503992	0.00069369	1.05E-03	7.25E-07	0.79	1.57E-01	9.04E-08	1,000,000	9.04E-02
18	0.14522	0.00503992	0.0007319	1.05E-03	7.65E-07	0.79	1.57E-01	9.54E-08	1,000,000	9.54E-02
19	0.15347	0.00503992	0.00077348	1.05E-03	8.08E-07	0.79	1.57E-01	1.01E-07	1,000,000	1.01E-01
20	0.16276	0.00503992	0.0008203	1.05E-03	8.57E-07	0.79	1.57E-01	1.07E-07	1,000,000	1.07E-01
21	0.12861	0.00503992	0.00064818	1.05E-03	6.77E-07	0.79	1.57E-01	8.45E-08	1,000,000	8.45E-02
22	0.13539	0.00503992	0.00068235	1.05E-03	7.13E-07	0.79	1.57E-01	8.89E-08	1,000,000	8.89E-02
23	0.14284	0.00503992	0.0007199	1.05E-03	7.52E-07	0.79	1.57E-01	9.38E-08	1,000,000	9.38E-02
24	0.15097	0.00503992	0.00076088	1.05E-03	7.95E-07	0.79	1.57E-01	9.91E-08	1,000,000	9.91E-02
25	0.15983	0.00503992	0.00080553	1.05E-03	8.42E-07	0.79	1.57E-01	1.05E-07	1,000,000	1.05E-01
113	0.74556	0.00503992	0.00375756	1.05E-03	3.93E-06	0.79	1.57E-01	4.90E-07	1,000,000	4.90E-01
114	0.67916	0.00503992	0.00342291	1.05E-03	3.58E-06	0.79	1.57E-01	4.46E-07	1,000,000	4.46E-01
115	0.61947	0.00503992	0.00312208	1.05E-03	3.26E-06	0.79	1.57E-01	4.07E-07	1,000,000	4.07E-01
116	0.56612	0.00503992	0.0028532	1.05E-03	2.98E-06	0.79	1.57E-01	3.72E-07	1,000,000	3.72E-01
117	0.77263	0.00503992	0.00389399	1.05E-03	4.07E-06	0.79	1.57E-01	5.07E-07	1,000,000	5.07E-01
118	0.69855	0.00503992	0.00352063	1.05E-03	3.68E-06	0.79	1.57E-01	4.59E-07	1,000,000	4.59E-01
119	0.63322	0.00503992	0.00319138	1.05E-03	3.34E-06	0.79	1.57E-01	4.16E-07	1,000,000	4.16E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.57573	0.00503992	0.00290163	1.05E-03	3.03E-06	0.79	1.57E-01	3.78E-07	1,000,000	3.78E-01
121	0.7956	0.00503992	0.00400976	1.05E-03	4.19E-06	0.79	1.57E-01	5.22E-07	1,000,000	5.22E-01
122	0.71433	0.00503992	0.00360016	1.05E-03	3.76E-06	0.79	1.57E-01	4.69E-07	1,000,000	4.69E-01
123	0.64392	0.00503992	0.0032453	1.05E-03	3.39E-06	0.79	1.57E-01	4.23E-07	1,000,000	4.23E-01
124	0.58289	0.00503992	0.00293772	1.05E-03	3.07E-06	0.79	1.57E-01	3.83E-07	1,000,000	3.83E-01
125	0.8139	0.00503992	0.00410199	1.05E-03	4.29E-06	0.79	1.57E-01	5.34E-07	1,000,000	5.34E-01
126	0.72633	0.00503992	0.00366064	1.05E-03	3.83E-06	0.79	1.57E-01	4.77E-07	1,000,000	4.77E-01
127	0.6517	0.00503992	0.00328451	1.05E-03	3.43E-06	0.79	1.57E-01	4.28E-07	1,000,000	4.28E-01
128	0.58788	0.00503992	0.00296287	1.05E-03	3.10E-06	0.79	1.57E-01	3.86E-07	1,000,000	3.86E-01
129	0.82745	0.00503992	0.00417028	1.05E-03	4.36E-06	0.79	1.57E-01	5.43E-07	1,000,000	5.43E-01
130	0.73485	0.00503992	0.00370358	1.05E-03	3.87E-06	0.79	1.57E-01	4.83E-07	1,000,000	4.83E-01
131	0.65704	0.00503992	0.00331143	1.05E-03	3.46E-06	0.79	1.57E-01	4.31E-07	1,000,000	4.31E-01
132	0.59123	0.00503992	0.00297975	1.05E-03	3.11E-06	0.79	1.57E-01	3.88E-07	1,000,000	3.88E-01
133	0.83684	0.00503992	0.0042176	1.05E-03	4.41E-06	0.79	1.57E-01	5.50E-07	1,000,000	5.50E-01
134	0.74059	0.00503992	0.00373251	1.05E-03	3.90E-06	0.79	1.57E-01	4.86E-07	1,000,000	4.86E-01
135	0.66059	0.00503992	0.00332932	1.05E-03	3.48E-06	0.79	1.57E-01	4.34E-07	1,000,000	4.34E-01
136	0.59349	0.00503992	0.00299114	1.05E-03	3.13E-06	0.79	1.57E-01	3.90E-07	1,000,000	3.90E-01
137	0.84297	0.00503992	0.0042485	1.05E-03	4.44E-06	0.79	1.57E-01	5.54E-07	1,000,000	5.54E-01
138	0.66295	0.00503992	0.00334121	1.05E-03	3.49E-06	0.79	1.57E-01	4.35E-07	1,000,000	4.35E-01
139	0.59507	0.00503992	0.0029991	1.05E-03	3.13E-06	0.79	1.57E-01	3.91E-07	1,000,000	3.91E-01
140	0.84747	0.00503992	0.00427118	1.05E-03	4.46E-06	0.79	1.57E-01	5.57E-07	1,000,000	5.57E-01
141	0.74645	0.00503992	0.00376204	1.05E-03	3.93E-06	0.79	1.57E-01	4.90E-07	1,000,000	4.90E-01
142	0.66382	0.00503992	0.0033456	1.05E-03	3.50E-06	0.79	1.57E-01	4.36E-07	1,000,000	4.36E-01
143	0.59524	0.00503992	0.00299996	1.05E-03	3.14E-06	0.79	1.57E-01	3.91E-07	1,000,000	3.91E-01
144	0.84344	0.00503992	0.00425087	1.05E-03	4.44E-06	0.79	1.57E-01	5.54E-07	1,000,000	5.54E-01
145	0.74289	0.00503992	0.0037441	1.05E-03	3.91E-06	0.79	1.57E-01	4.88E-07	1,000,000	4.88E-01
146	0.66066	0.00503992	0.00332967	1.05E-03	3.48E-06	0.79	1.57E-01	4.34E-07	1,000,000	4.34E-01
147	0.5924	0.00503992	0.00298565	1.05E-03	3.12E-06	0.79	1.57E-01	3.89E-07	1,000,000	3.89E-01
148	0.83555	0.00503992	0.0042111	1.05E-03	4.40E-06	0.79	1.57E-01	5.49E-07	1,000,000	5.49E-01
149	0.73624	0.00503992	0.00371059	1.05E-03	3.88E-06	0.79	1.57E-01	4.83E-07	1,000,000	4.83E-01
150	0.65495	0.00503992	0.00330089	1.05E-03	3.45E-06	0.79	1.57E-01	4.30E-07	1,000,000	4.30E-01
151	0.58744	0.00503992	0.00296065	1.05E-03	3.09E-06	0.79	1.57E-01	3.86E-07	1,000,000	3.86E-01
152	0.82325	0.00503992	0.00414911	1.05E-03	4.34E-06	0.79	1.57E-01	5.41E-07	1,000,000	5.41E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.7262	0.00503992	0.00365999	1.05E-03	3.83E-06	0.79	1.57E-01	4.77E-07	1,000,000	4.77E-01
154	0.64655	0.00503992	0.00325856	1.05E-03	3.41E-06	0.79	1.57E-01	4.25E-07	1,000,000	4.25E-01
155	0.58028	0.00503992	0.00292456	1.05E-03	3.06E-06	0.79	1.57E-01	3.81E-07	1,000,000	3.81E-01
156	0.80574	0.00503992	0.00406086	1.05E-03	4.24E-06	0.79	1.57E-01	5.29E-07	1,000,000	5.29E-01
157	0.71235	0.00503992	0.00359018	1.05E-03	3.75E-06	0.79	1.57E-01	4.68E-07	1,000,000	4.68E-01
158	0.63528	0.00503992	0.00320176	1.05E-03	3.35E-06	0.79	1.57E-01	4.17E-07	1,000,000	4.17E-01
159	0.57089	0.00503992	0.00287724	1.05E-03	3.01E-06	0.79	1.57E-01	3.75E-07	1,000,000	3.75E-01
160	0.78201	0.00503992	0.00394126	1.05E-03	4.12E-06	0.79	1.57E-01	5.14E-07	1,000,000	5.14E-01
161	0.69398	0.00503992	0.0034976	1.05E-03	3.66E-06	0.79	1.57E-01	4.56E-07	1,000,000	4.56E-01
162	0.6207	0.00503992	0.00312828	1.05E-03	3.27E-06	0.79	1.57E-01	4.08E-07	1,000,000	4.08E-01
163	0.55889	0.00503992	0.00281676	1.05E-03	2.94E-06	0.79	1.57E-01	3.67E-07	1,000,000	3.67E-01
164	0.75162	0.00503992	0.0037881	1.05E-03	3.96E-06	0.79	1.57E-01	4.94E-07	1,000,000	4.94E-01
165	0.67053	0.00503992	0.00337941	1.05E-03	3.53E-06	0.79	1.57E-01	4.40E-07	1,000,000	4.40E-01
166	0.60143	0.00503992	0.00303116	1.05E-03	3.17E-06	0.79	1.57E-01	3.95E-07	1,000,000	3.95E-01
167	0.54346	0.00503992	0.00273899	1.05E-03	2.86E-06	0.79	1.57E-01	3.57E-07	1,000,000	3.57E-01
168	0.71544	0.00503992	0.00360576	1.05E-03	3.77E-06	0.79	1.57E-01	4.70E-07	1,000,000	4.70E-01
169	0.64218	0.00503992	0.00323653	1.05E-03	3.38E-06	0.79	1.57E-01	4.22E-07	1,000,000	4.22E-01
170	0.5789	0.00503992	0.00291761	1.05E-03	3.05E-06	0.79	1.57E-01	3.80E-07	1,000,000	3.80E-01
171	0.52563	0.00503992	0.00264913	1.05E-03	2.77E-06	0.79	1.57E-01	3.45E-07	1,000,000	3.45E-01
172	0.67547	0.00503992	0.00340431	1.05E-03	3.56E-06	0.79	1.57E-01	4.44E-07	1,000,000	4.44E-01
173	0.61005	0.00503992	0.0030746	1.05E-03	3.21E-06	0.79	1.57E-01	4.01E-07	1,000,000	4.01E-01
174	0.55319	0.00503992	0.00278803	1.05E-03	2.91E-06	0.79	1.57E-01	3.63E-07	1,000,000	3.63E-01
175	0.50479	0.00503992	0.0025441	1.05E-03	2.66E-06	0.79	1.57E-01	3.32E-07	1,000,000	3.32E-01
176	0.63396	0.00503992	0.0031951	1.05E-03	3.34E-06	0.79	1.57E-01	4.16E-07	1,000,000	4.16E-01
177	0.57579	0.00503992	0.00290193	1.05E-03	3.03E-06	0.79	1.57E-01	3.78E-07	1,000,000	3.78E-01
178	0.525	0.00503992	0.00264596	1.05E-03	2.77E-06	0.79	1.57E-01	3.45E-07	1,000,000	3.45E-01
179	0.48154	0.00503992	0.00242692	1.05E-03	2.54E-06	0.79	1.57E-01	3.16E-07	1,000,000	3.16E-01
180	0.59272	0.00503992	0.00298726	1.05E-03	3.12E-06	0.79	1.57E-01	3.89E-07	1,000,000	3.89E-01
181	0.54066	0.00503992	0.00272488	1.05E-03	2.85E-06	0.79	1.57E-01	3.55E-07	1,000,000	3.55E-01
182	0.49558	0.00503992	0.00249768	1.05E-03	2.61E-06	0.79	1.57E-01	3.25E-07	1,000,000	3.25E-01
183	0.45682	0.00503992	0.00230233	1.05E-03	2.41E-06	0.79	1.57E-01	3.00E-07	1,000,000	3.00E-01
184	0.7941	0.00503992	0.0040022	1.05E-03	4.18E-06	0.79	1.57E-01	5.21E-07	1,000,000	5.21E-01
185	0.70498	0.00503992	0.00355304	1.05E-03	3.71E-06	0.79	1.57E-01	4.63E-07	1,000,000	4.63E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.6361	0.00503992	0.00320589	1.05E-03	3.35E-06	0.79	1.57E-01	4.18E-07	1,000,000	4.18E-01
187	0.57794	0.00503992	0.00291277	1.05E-03	3.04E-06	0.79	1.57E-01	3.80E-07	1,000,000	3.80E-01
188	0.52786	0.00503992	0.00266037	1.05E-03	2.78E-06	0.79	1.57E-01	3.47E-07	1,000,000	3.47E-01
189	0.72294	0.00503992	0.00364356	1.05E-03	3.81E-06	0.79	1.57E-01	4.75E-07	1,000,000	4.75E-01
190	0.65107	0.00503992	0.00328134	1.05E-03	3.43E-06	0.79	1.57E-01	4.28E-07	1,000,000	4.28E-01
191	0.59042	0.00503992	0.00297567	1.05E-03	3.11E-06	0.79	1.57E-01	3.88E-07	1,000,000	3.88E-01
192	0.53877	0.00503992	0.00271536	1.05E-03	2.84E-06	0.79	1.57E-01	3.54E-07	1,000,000	3.54E-01
193	0.49367	0.00503992	0.00248805	1.05E-03	2.60E-06	0.79	1.57E-01	3.24E-07	1,000,000	3.24E-01
194	0.66495	0.00503992	0.00335129	1.05E-03	3.50E-06	0.79	1.57E-01	4.37E-07	1,000,000	4.37E-01
195	0.60216	0.00503992	0.00303484	1.05E-03	3.17E-06	0.79	1.57E-01	3.95E-07	1,000,000	3.95E-01
196	0.54835	0.00503992	0.00276364	1.05E-03	2.89E-06	0.79	1.57E-01	3.60E-07	1,000,000	3.60E-01
197	0.50159	0.00503992	0.00252797	1.05E-03	2.64E-06	0.79	1.57E-01	3.29E-07	1,000,000	3.29E-01
198	0.46192	0.00503992	0.00232804	1.05E-03	2.43E-06	0.79	1.57E-01	3.03E-07	1,000,000	3.03E-01
199	0.61398	0.00503992	0.00309441	1.05E-03	3.23E-06	0.79	1.57E-01	4.03E-07	1,000,000	4.03E-01
200	0.55855	0.00503992	0.00281504	1.05E-03	2.94E-06	0.79	1.57E-01	3.67E-07	1,000,000	3.67E-01
201	0.51032	0.00503992	0.00257197	1.05E-03	2.69E-06	0.79	1.57E-01	3.35E-07	1,000,000	3.35E-01
202	0.46855	0.00503992	0.00236145	1.05E-03	2.47E-06	0.79	1.57E-01	3.08E-07	1,000,000	3.08E-01
203	0.43261	0.00503992	0.00218032	1.05E-03	2.28E-06	0.79	1.57E-01	2.84E-07	1,000,000	2.84E-01
204	0.84969	0.00503992	0.00428237	1.05E-03	4.48E-06	0.79	1.57E-01	5.58E-07	1,000,000	5.58E-01
205	0.56926	0.00503992	0.00286902	1.05E-03	3.00E-06	0.79	1.57E-01	3.74E-07	1,000,000	3.74E-01
206	0.52006	0.00503992	0.00262106	1.05E-03	2.74E-06	0.79	1.57E-01	3.42E-07	1,000,000	3.42E-01
207	0.47636	0.00503992	0.00240081	1.05E-03	2.51E-06	0.79	1.57E-01	3.13E-07	1,000,000	3.13E-01
208	0.43901	0.00503992	0.00221257	1.05E-03	2.31E-06	0.79	1.57E-01	2.88E-07	1,000,000	2.88E-01
209	0.76837	0.00503992	0.00387252	1.05E-03	4.05E-06	0.79	1.57E-01	5.05E-07	1,000,000	5.05E-01
210	0.69773	0.00503992	0.0035165	1.05E-03	3.68E-06	0.79	1.57E-01	4.58E-07	1,000,000	4.58E-01
211	0.63474	0.00503992	0.00319904	1.05E-03	3.34E-06	0.79	1.57E-01	4.17E-07	1,000,000	4.17E-01
212	0.57913	0.00503992	0.00291877	1.05E-03	3.05E-06	0.79	1.57E-01	3.80E-07	1,000,000	3.80E-01
213	0.52975	0.00503992	0.0026699	1.05E-03	2.79E-06	0.79	1.57E-01	3.48E-07	1,000,000	3.48E-01
214	0.4856	0.00503992	0.00244738	1.05E-03	2.56E-06	0.79	1.57E-01	3.19E-07	1,000,000	3.19E-01
215	0.44673	0.00503992	0.00225148	1.05E-03	2.35E-06	0.79	1.57E-01	2.93E-07	1,000,000	2.93E-01
216	0.7455	0.00503992	0.00375726	1.05E-03	3.93E-06	0.79	1.57E-01	4.90E-07	1,000,000	4.90E-01
217	0.68853	0.00503992	0.00347013	1.05E-03	3.63E-06	0.79	1.57E-01	4.52E-07	1,000,000	4.52E-01
218	0.63429	0.00503992	0.00319677	1.05E-03	3.34E-06	0.79	1.57E-01	4.17E-07	1,000,000	4.17E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.58559	0.00503992	0.00295132	1.05E-03	3.08E-06	0.79	1.57E-01	3.85E-07	1,000,000	3.85E-01
220	0.54032	0.00503992	0.00272317	1.05E-03	2.85E-06	0.79	1.57E-01	3.55E-07	1,000,000	3.55E-01
221	0.49895	0.00503992	0.00251467	1.05E-03	2.63E-06	0.79	1.57E-01	3.28E-07	1,000,000	3.28E-01
222	0.67322	0.00503992	0.00339297	1.05E-03	3.55E-06	0.79	1.57E-01	4.42E-07	1,000,000	4.42E-01
223	0.62511	0.00503992	0.0031505	1.05E-03	3.29E-06	0.79	1.57E-01	4.11E-07	1,000,000	4.11E-01
224	0.58021	0.00503992	0.00292421	1.05E-03	3.06E-06	0.79	1.57E-01	3.81E-07	1,000,000	3.81E-01
225	0.539	0.00503992	0.00271651	1.05E-03	2.84E-06	0.79	1.57E-01	3.54E-07	1,000,000	3.54E-01
226	0.5001	0.00503992	0.00252046	1.05E-03	2.63E-06	0.79	1.57E-01	3.28E-07	1,000,000	3.28E-01
227	0.611	0.00503992	0.00307939	1.05E-03	3.22E-06	0.79	1.57E-01	4.01E-07	1,000,000	4.01E-01
228	0.5703	0.00503992	0.00287426	1.05E-03	3.00E-06	0.79	1.57E-01	3.75E-07	1,000,000	3.75E-01
229	0.53266	0.00503992	0.00268456	1.05E-03	2.81E-06	0.79	1.57E-01	3.50E-07	1,000,000	3.50E-01
230	0.49677	0.00503992	0.00250368	1.05E-03	2.62E-06	0.79	1.57E-01	3.26E-07	1,000,000	3.26E-01
231	0.55706	0.00503992	0.00280754	1.05E-03	2.93E-06	0.79	1.57E-01	3.66E-07	1,000,000	3.66E-01
232	0.52305	0.00503992	0.00263613	1.05E-03	2.76E-06	0.79	1.57E-01	3.43E-07	1,000,000	3.43E-01
233	0.49073	0.00503992	0.00247324	1.05E-03	2.59E-06	0.79	1.57E-01	3.22E-07	1,000,000	3.22E-01
234	0.45989	0.00503992	0.00231781	1.05E-03	2.42E-06	0.79	1.57E-01	3.02E-07	1,000,000	3.02E-01
235	0.51074	0.00503992	0.00257409	1.05E-03	2.69E-06	0.79	1.57E-01	3.35E-07	1,000,000	3.35E-01
236	0.48168	0.00503992	0.00242763	1.05E-03	2.54E-06	0.79	1.57E-01	3.16E-07	1,000,000	3.16E-01
237	0.45341	0.00503992	0.00228515	1.05E-03	2.39E-06	0.79	1.57E-01	2.98E-07	1,000,000	2.98E-01
238	0.42706	0.00503992	0.00215235	1.05E-03	2.25E-06	0.79	1.57E-01	2.80E-07	1,000,000	2.80E-01
239	0.47041	0.00503992	0.00237083	1.05E-03	2.48E-06	0.79	1.57E-01	3.09E-07	1,000,000	3.09E-01
240	0.44515	0.00503992	0.00224352	1.05E-03	2.34E-06	0.79	1.57E-01	2.92E-07	1,000,000	2.92E-01
241	0.42052	0.00503992	0.00211939	1.05E-03	2.22E-06	0.79	1.57E-01	2.76E-07	1,000,000	2.76E-01
242	0.3977	0.00503992	0.00200437	1.05E-03	2.09E-06	0.79	1.57E-01	2.61E-07	1,000,000	2.61E-01
243	0.56054	0.00503992	0.00282507	1.05E-03	2.95E-06	0.79	1.57E-01	3.68E-07	1,000,000	3.68E-01
244	0.5659	0.00503992	0.00285209	1.05E-03	2.98E-06	0.79	1.57E-01	3.72E-07	1,000,000	3.72E-01
245	0.56336	0.00503992	0.00283929	1.05E-03	2.97E-06	0.79	1.57E-01	3.70E-07	1,000,000	3.70E-01
246	0.55328	0.00503992	0.00278848	1.05E-03	2.91E-06	0.79	1.57E-01	3.63E-07	1,000,000	3.63E-01
247	0.53649	0.00503992	0.00270386	1.05E-03	2.83E-06	0.79	1.57E-01	3.52E-07	1,000,000	3.52E-01
248	0.51596	0.00503992	0.00260039	1.05E-03	2.72E-06	0.79	1.57E-01	3.39E-07	1,000,000	3.39E-01
249	0.49286	0.00503992	0.00248397	1.05E-03	2.60E-06	0.79	1.57E-01	3.24E-07	1,000,000	3.24E-01
250	0.51475	0.00503992	0.0025943	1.05E-03	2.71E-06	0.79	1.57E-01	3.38E-07	1,000,000	3.38E-01
251	0.51854	0.00503992	0.0026134	1.05E-03	2.73E-06	0.79	1.57E-01	3.41E-07	1,000,000	3.41E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.51576	0.00503992	0.00259939	1.05E-03	2.72E-06	0.79	1.57E-01	3.39E-07	1,000,000	3.39E-01
253	0.50672	0.00503992	0.00255383	1.05E-03	2.67E-06	0.79	1.57E-01	3.33E-07	1,000,000	3.33E-01
254	0.49208	0.00503992	0.00248004	1.05E-03	2.59E-06	0.79	1.57E-01	3.23E-07	1,000,000	3.23E-01
255	0.4743	0.00503992	0.00239043	1.05E-03	2.50E-06	0.79	1.57E-01	3.11E-07	1,000,000	3.11E-01
256	0.45383	0.00503992	0.00228726	1.05E-03	2.39E-06	0.79	1.57E-01	2.98E-07	1,000,000	2.98E-01
257	0.47473	0.00503992	0.0023926	1.05E-03	2.50E-06	0.79	1.57E-01	3.12E-07	1,000,000	3.12E-01
258	0.47735	0.00503992	0.0024058	1.05E-03	2.51E-06	0.79	1.57E-01	3.13E-07	1,000,000	3.13E-01
259	0.47444	0.00503992	0.00239114	1.05E-03	2.50E-06	0.79	1.57E-01	3.12E-07	1,000,000	3.12E-01
260	0.46632	0.00503992	0.00235021	1.05E-03	2.46E-06	0.79	1.57E-01	3.06E-07	1,000,000	3.06E-01
261	0.45348	0.00503992	0.0022855	1.05E-03	2.39E-06	0.79	1.57E-01	2.98E-07	1,000,000	2.98E-01
262	0.4379	0.00503992	0.00220698	1.05E-03	2.31E-06	0.79	1.57E-01	2.88E-07	1,000,000	2.88E-01
263	0.42016	0.00503992	0.00211757	1.05E-03	2.21E-06	0.79	1.57E-01	2.76E-07	1,000,000	2.76E-01
264	0.43973	0.00503992	0.0022162	1.05E-03	2.32E-06	0.79	1.57E-01	2.89E-07	1,000,000	2.89E-01
265	0.44135	0.00503992	0.00222437	1.05E-03	2.32E-06	0.79	1.57E-01	2.90E-07	1,000,000	2.90E-01
266	0.43832	0.00503992	0.0022091	1.05E-03	2.31E-06	0.79	1.57E-01	2.88E-07	1,000,000	2.88E-01
267	0.431	0.00503992	0.0021722	1.05E-03	2.27E-06	0.79	1.57E-01	2.83E-07	1,000,000	2.83E-01
268	0.42004	0.00503992	0.00211697	1.05E-03	2.21E-06	0.79	1.57E-01	2.76E-07	1,000,000	2.76E-01
269	0.40621	0.00503992	0.00204726	1.05E-03	2.14E-06	0.79	1.57E-01	2.67E-07	1,000,000	2.67E-01
270	0.39057	0.00503992	0.00196844	1.05E-03	2.06E-06	0.79	1.57E-01	2.56E-07	1,000,000	2.56E-01
271	0.40859	0.00503992	0.00205926	1.05E-03	2.15E-06	0.79	1.57E-01	2.68E-07	1,000,000	2.68E-01
272	0.40956	0.00503992	0.00206415	1.05E-03	2.16E-06	0.79	1.57E-01	2.69E-07	1,000,000	2.69E-01
273	0.40654	0.00503992	0.00204893	1.05E-03	2.14E-06	0.79	1.57E-01	2.67E-07	1,000,000	2.67E-01
274	0.39989	0.00503992	0.00201541	1.05E-03	2.11E-06	0.79	1.57E-01	2.63E-07	1,000,000	2.63E-01
275	0.39013	0.00503992	0.00196622	1.05E-03	2.06E-06	0.79	1.57E-01	2.56E-07	1,000,000	2.56E-01
276	0.37807	0.00503992	0.00190544	1.05E-03	1.99E-06	0.79	1.57E-01	2.48E-07	1,000,000	2.48E-01
277	0.3641	0.00503992	0.00183503	1.05E-03	1.92E-06	0.79	1.57E-01	2.39E-07	1,000,000	2.39E-01
278	0.28201	0.00503992	0.00142131	1.05E-03	1.49E-06	0.79	1.57E-01	1.85E-07	1,000,000	1.85E-01
279	0.29107	0.00503992	0.00146697	1.05E-03	1.53E-06	0.79	1.57E-01	1.91E-07	1,000,000	1.91E-01
280	0.31607	0.00503992	0.00159297	1.05E-03	1.66E-06	0.79	1.57E-01	2.08E-07	1,000,000	2.08E-01
281	0.31128	0.00503992	0.00156882	1.05E-03	1.64E-06	0.79	1.57E-01	2.04E-07	1,000,000	2.04E-01
282	0.33942	0.00503992	0.00171065	1.05E-03	1.79E-06	0.79	1.57E-01	2.23E-07	1,000,000	2.23E-01
283	0.28736	0.00503992	0.00144827	1.05E-03	1.51E-06	0.79	1.57E-01	1.89E-07	1,000,000	1.89E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	1.50909	0.00503992	0.00760569	6.05E-04	4.60E-06	0.79	4.71E-02	1.72E-07	1,000,000	1.72E-01
27	1.62848	0.00503992	0.0082074	6.05E-04	4.97E-06	0.79	4.71E-02	1.86E-07	1,000,000	1.86E-01
28	1.75978	0.00503992	0.00886914	6.05E-04	5.37E-06	0.79	4.71E-02	2.01E-07	1,000,000	2.01E-01
29	1.90268	0.00503992	0.00958935	6.05E-04	5.80E-06	0.79	4.71E-02	2.17E-07	1,000,000	2.17E-01
30	2.05458	0.00503992	0.01035491	6.05E-04	6.27E-06	0.79	4.71E-02	2.34E-07	1,000,000	2.34E-01
31	2.2101	0.00503992	0.01113872	6.05E-04	6.74E-06	0.79	4.71E-02	2.52E-07	1,000,000	2.52E-01
32	2.36199	0.00503992	0.01190423	6.05E-04	7.20E-06	0.79	4.71E-02	2.69E-07	1,000,000	2.69E-01
33	2.50246	0.00503992	0.01261219	6.05E-04	7.63E-06	0.79	4.71E-02	2.85E-07	1,000,000	2.85E-01
34	2.62425	0.00503992	0.013226	6.05E-04	8.00E-06	0.79	4.71E-02	2.99E-07	1,000,000	2.99E-01
35	2.72111	0.00503992	0.01371416	6.05E-04	8.30E-06	0.79	4.71E-02	3.10E-07	1,000,000	3.10E-01
36	2.78315	0.00503992	0.01402684	6.05E-04	8.49E-06	0.79	4.71E-02	3.17E-07	1,000,000	3.17E-01
37	1.67221	0.00503992	0.0084278	6.05E-04	5.10E-06	0.79	4.71E-02	1.91E-07	1,000,000	1.91E-01
38	1.81718	0.00503992	0.00915843	6.05E-04	5.54E-06	0.79	4.71E-02	2.07E-07	1,000,000	2.07E-01
39	1.97771	0.00503992	0.00996749	6.05E-04	6.03E-06	0.79	4.71E-02	2.26E-07	1,000,000	2.26E-01
40	2.15363	0.00503992	0.01085411	6.05E-04	6.57E-06	0.79	4.71E-02	2.46E-07	1,000,000	2.46E-01
41	2.34152	0.00503992	0.01180106	6.05E-04	7.14E-06	0.79	4.71E-02	2.67E-07	1,000,000	2.67E-01
42	2.53371	0.00503992	0.01276968	6.05E-04	7.73E-06	0.79	4.71E-02	2.89E-07	1,000,000	2.89E-01
43	2.71939	0.00503992	0.0137055	6.05E-04	8.29E-06	0.79	4.71E-02	3.10E-07	1,000,000	3.10E-01
44	2.88711	0.00503992	0.01455079	6.05E-04	8.80E-06	0.79	4.71E-02	3.29E-07	1,000,000	3.29E-01
45	3.02676	0.00503992	0.01525461	6.05E-04	9.23E-06	0.79	4.71E-02	3.45E-07	1,000,000	3.45E-01
46	3.13079	0.00503992	0.01577892	6.05E-04	9.55E-06	0.79	4.71E-02	3.57E-07	1,000,000	3.57E-01
47	3.18832	0.00503992	0.01606886	6.05E-04	9.72E-06	0.79	4.71E-02	3.64E-07	1,000,000	3.64E-01
48	1.86478	0.00503992	0.00939833	6.05E-04	5.69E-06	0.79	4.71E-02	2.13E-07	1,000,000	2.13E-01
49	2.04366	0.00503992	0.01029987	6.05E-04	6.23E-06	0.79	4.71E-02	2.33E-07	1,000,000	2.33E-01
50	2.24354	0.00503992	0.01130725	6.05E-04	6.84E-06	0.79	4.71E-02	2.56E-07	1,000,000	2.56E-01
51	2.46445	0.00503992	0.01242062	6.05E-04	7.52E-06	0.79	4.71E-02	2.81E-07	1,000,000	2.81E-01
52	2.70186	0.00503992	0.01361715	6.05E-04	8.24E-06	0.79	4.71E-02	3.08E-07	1,000,000	3.08E-01
53	2.94431	0.00503992	0.01483907	6.05E-04	8.98E-06	0.79	4.71E-02	3.36E-07	1,000,000	3.36E-01
54	3.17493	0.00503992	0.01600138	6.05E-04	9.68E-06	0.79	4.71E-02	3.62E-07	1,000,000	3.62E-01
55	3.37618	0.00503992	0.01701566	6.05E-04	1.03E-05	0.79	4.71E-02	3.85E-07	1,000,000	3.85E-01
56	3.53414	0.00503992	0.01781177	6.05E-04	1.08E-05	0.79	4.71E-02	4.03E-07	1,000,000	4.03E-01
57	3.64076	0.00503992	0.01834912	6.05E-04	1.11E-05	0.79	4.71E-02	4.15E-07	1,000,000	4.15E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	3.68566	0.00503992	0.01857541	6.05E-04	1.12E-05	0.79	4.71E-02	4.20E-07	1,000,000	4.20E-01
59	2.09419	0.00503992	0.01055454	6.05E-04	6.39E-06	0.79	4.71E-02	2.39E-07	1,000,000	2.39E-01
60	2.31909	0.00503992	0.01168802	6.05E-04	7.07E-06	0.79	4.71E-02	2.64E-07	1,000,000	2.64E-01
61	2.57349	0.00503992	0.01297017	6.05E-04	7.85E-06	0.79	4.71E-02	2.94E-07	1,000,000	2.94E-01
62	2.85785	0.00503992	0.01440332	6.05E-04	8.71E-06	0.79	4.71E-02	3.26E-07	1,000,000	3.26E-01
63	3.16591	0.00503992	0.01595592	6.05E-04	9.65E-06	0.79	4.71E-02	3.61E-07	1,000,000	3.61E-01
64	3.47952	0.00503992	0.01753649	6.05E-04	1.06E-05	0.79	4.71E-02	3.97E-07	1,000,000	3.97E-01
65	3.77076	0.00503992	0.01900431	6.05E-04	1.15E-05	0.79	4.71E-02	4.30E-07	1,000,000	4.30E-01
66	4.01188	0.00503992	0.02021954	6.05E-04	1.22E-05	0.79	4.71E-02	4.58E-07	1,000,000	4.58E-01
67	4.18476	0.00503992	0.02109084	6.05E-04	1.28E-05	0.79	4.71E-02	4.77E-07	1,000,000	4.77E-01
68	4.28407	0.00503992	0.02159135	6.05E-04	1.31E-05	0.79	4.71E-02	4.89E-07	1,000,000	4.89E-01
69	4.30303	0.00503992	0.02168691	6.05E-04	1.31E-05	0.79	4.71E-02	4.91E-07	1,000,000	4.91E-01
70	2.37009	0.00503992	0.01194505	6.05E-04	7.23E-06	0.79	4.71E-02	2.70E-07	1,000,000	2.70E-01
71	2.65903	0.00503992	0.01340129	6.05E-04	8.11E-06	0.79	4.71E-02	3.03E-07	1,000,000	3.03E-01
72	2.99179	0.00503992	0.01507837	6.05E-04	9.12E-06	0.79	4.71E-02	3.41E-07	1,000,000	3.41E-01
73	3.36963	0.00503992	0.01698265	6.05E-04	1.03E-05	0.79	4.71E-02	3.84E-07	1,000,000	3.84E-01
74	3.78347	0.00503992	0.01906837	6.05E-04	1.15E-05	0.79	4.71E-02	4.32E-07	1,000,000	4.32E-01
75	4.20209	0.00503992	0.02117818	6.05E-04	1.28E-05	0.79	4.71E-02	4.79E-07	1,000,000	4.79E-01
76	4.57548	0.00503992	0.02306003	6.05E-04	1.40E-05	0.79	4.71E-02	5.22E-07	1,000,000	5.22E-01
77	4.85913	0.00503992	0.0244896	6.05E-04	1.48E-05	0.79	4.71E-02	5.54E-07	1,000,000	5.54E-01
78	5.03434	0.00503992	0.02537265	6.05E-04	1.54E-05	0.79	4.71E-02	5.74E-07	1,000,000	5.74E-01
79	5.10741	0.00503992	0.02574091	6.05E-04	1.56E-05	0.79	4.71E-02	5.83E-07	1,000,000	5.83E-01
80	5.08014	0.00503992	0.02560347	6.05E-04	1.55E-05	0.79	4.71E-02	5.79E-07	1,000,000	5.79E-01
81	2.70502	0.00503992	0.01363307	6.05E-04	8.25E-06	0.79	4.71E-02	3.09E-07	1,000,000	3.09E-01
82	3.0855	0.00503992	0.01555066	6.05E-04	9.41E-06	0.79	4.71E-02	3.52E-07	1,000,000	3.52E-01
83	3.53588	0.00503992	0.01782054	6.05E-04	1.08E-05	0.79	4.71E-02	4.03E-07	1,000,000	4.03E-01
84	4.05995	0.00503992	0.0204618	6.05E-04	1.24E-05	0.79	4.71E-02	4.63E-07	1,000,000	4.63E-01
85	4.64344	0.00503992	0.02340254	6.05E-04	1.42E-05	0.79	4.71E-02	5.30E-07	1,000,000	5.30E-01
86	5.22557	0.00503992	0.02633643	6.05E-04	1.59E-05	0.79	4.71E-02	5.96E-07	1,000,000	5.96E-01
87	5.70706	0.00503992	0.0287631	6.05E-04	1.74E-05	0.79	4.71E-02	6.51E-07	1,000,000	6.51E-01
88	6.02	0.00503992	0.03034029	6.05E-04	1.84E-05	0.79	4.71E-02	6.87E-07	1,000,000	6.87E-01
89	6.165	0.00503992	0.03107108	6.05E-04	1.88E-05	0.79	4.71E-02	7.03E-07	1,000,000	7.03E-01
90	6.17969	0.00503992	0.03114511	6.05E-04	1.88E-05	0.79	4.71E-02	7.05E-07	1,000,000	7.05E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	6.07815	0.00503992	0.03063336	6.05E-04	1.85E-05	0.79	4.71E-02	6.93E-07	1,000,000	6.93E-01
92	3.11492	0.00503992	0.01569893	6.05E-04	9.50E-06	0.79	4.71E-02	3.55E-07	1,000,000	3.55E-01
93	3.62995	0.00503992	0.01829464	6.05E-04	1.11E-05	0.79	4.71E-02	4.14E-07	1,000,000	4.14E-01
94	4.26626	0.00503992	0.02150159	6.05E-04	1.30E-05	0.79	4.71E-02	4.87E-07	1,000,000	4.87E-01
95	5.0388	0.00503992	0.02539512	6.05E-04	1.54E-05	0.79	4.71E-02	5.75E-07	1,000,000	5.75E-01
96	5.92432	0.00503992	0.02985807	6.05E-04	1.81E-05	0.79	4.71E-02	6.76E-07	1,000,000	6.76E-01
97	6.77971	0.00503992	0.03416916	6.05E-04	2.07E-05	0.79	4.71E-02	7.73E-07	1,000,000	7.73E-01
98	7.38058	0.00503992	0.0371975	6.05E-04	2.25E-05	0.79	4.71E-02	8.42E-07	1,000,000	8.42E-01
99	7.65742	0.00503992	0.03859275	6.05E-04	2.34E-05	0.79	4.71E-02	8.73E-07	1,000,000	8.73E-01
100	7.70194	0.00503992	0.03881712	6.05E-04	2.35E-05	0.79	4.71E-02	8.78E-07	1,000,000	8.78E-01
101	7.61233	0.00503992	0.0383655	6.05E-04	2.32E-05	0.79	4.71E-02	8.68E-07	1,000,000	8.68E-01
102	7.40346	0.00503992	0.03731281	6.05E-04	2.26E-05	0.79	4.71E-02	8.44E-07	1,000,000	8.44E-01
103	6.15641	0.00503992	0.03102778	6.05E-04	1.88E-05	0.79	4.71E-02	7.02E-07	1,000,000	7.02E-01
104	7.51841	0.00503992	0.03789215	6.05E-04	2.29E-05	0.79	4.71E-02	8.57E-07	1,000,000	8.57E-01
105	9.08519	0.00503992	0.04578859	6.05E-04	2.77E-05	0.79	4.71E-02	1.04E-06	1,000,000	1.04E+00
106	9.66369	0.00503992	0.04870418	6.05E-04	2.95E-05	0.79	4.71E-02	1.10E-06	1,000,000	1.10E+00
107	10.03691	0.00503992	0.05058518	6.05E-04	3.06E-05	0.79	4.71E-02	1.14E-06	1,000,000	1.14E+00
108	9.85412	0.00503992	0.04966393	6.05E-04	3.01E-05	0.79	4.71E-02	1.12E-06	1,000,000	1.12E+00
109	9.61543	0.00503992	0.04846095	6.05E-04	2.93E-05	0.79	4.71E-02	1.10E-06	1,000,000	1.10E+00
110	9.27367	0.00503992	0.04673851	6.05E-04	2.83E-05	0.79	4.71E-02	1.06E-06	1,000,000	1.06E+00
111	5.05951	0.00503992	0.0254995	6.05E-04	1.54E-05	0.79	4.71E-02	5.77E-07	1,000,000	5.77E-01
112	4.11109	0.00503992	0.02071955	6.05E-04	1.25E-05	0.79	4.71E-02	4.69E-07	1,000,000	4.69E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.50909	0.00503992	0.00760569	2.50E-04	1.90E-06	0.79	1.57E-02	2.37E-08	1,000,000	2.37E-02
27	1.62848	0.00503992	0.0082074	2.50E-04	2.05E-06	0.79	1.57E-02	2.56E-08	1,000,000	2.56E-02
28	1.75978	0.00503992	0.00886914	2.50E-04	2.22E-06	0.79	1.57E-02	2.77E-08	1,000,000	2.77E-02
29	1.90268	0.00503992	0.00958935	2.50E-04	2.40E-06	0.79	1.57E-02	2.99E-08	1,000,000	2.99E-02
30	2.05458	0.00503992	0.01035491	2.50E-04	2.59E-06	0.79	1.57E-02	3.23E-08	1,000,000	3.23E-02
31	2.2101	0.00503992	0.01113872	2.50E-04	2.79E-06	0.79	1.57E-02	3.48E-08	1,000,000	3.48E-02
32	2.36199	0.00503992	0.01190423	2.50E-04	2.98E-06	0.79	1.57E-02	3.71E-08	1,000,000	3.71E-02
33	2.50246	0.00503992	0.01261219	2.50E-04	3.16E-06	0.79	1.57E-02	3.94E-08	1,000,000	3.94E-02
34	2.62425	0.00503992	0.013226	2.50E-04	3.31E-06	0.79	1.57E-02	4.13E-08	1,000,000	4.13E-02
35	2.72111	0.00503992	0.01371416	2.50E-04	3.43E-06	0.79	1.57E-02	4.28E-08	1,000,000	4.28E-02
36	2.78315	0.00503992	0.01402684	2.50E-04	3.51E-06	0.79	1.57E-02	4.38E-08	1,000,000	4.38E-02
37	1.67221	0.00503992	0.0084278	2.50E-04	2.11E-06	0.79	1.57E-02	2.63E-08	1,000,000	2.63E-02
38	1.81718	0.00503992	0.00915843	2.50E-04	2.29E-06	0.79	1.57E-02	2.86E-08	1,000,000	2.86E-02
39	1.97771	0.00503992	0.00996749	2.50E-04	2.49E-06	0.79	1.57E-02	3.11E-08	1,000,000	3.11E-02
40	2.15363	0.00503992	0.01085411	2.50E-04	2.72E-06	0.79	1.57E-02	3.39E-08	1,000,000	3.39E-02
41	2.34152	0.00503992	0.01180106	2.50E-04	2.95E-06	0.79	1.57E-02	3.68E-08	1,000,000	3.68E-02
42	2.53371	0.00503992	0.01276968	2.50E-04	3.20E-06	0.79	1.57E-02	3.98E-08	1,000,000	3.98E-02
43	2.71939	0.00503992	0.0137055	2.50E-04	3.43E-06	0.79	1.57E-02	4.28E-08	1,000,000	4.28E-02
44	2.88711	0.00503992	0.01455079	2.50E-04	3.64E-06	0.79	1.57E-02	4.54E-08	1,000,000	4.54E-02
45	3.02676	0.00503992	0.01525461	2.50E-04	3.82E-06	0.79	1.57E-02	4.76E-08	1,000,000	4.76E-02
46	3.13079	0.00503992	0.01577892	2.50E-04	3.95E-06	0.79	1.57E-02	4.92E-08	1,000,000	4.92E-02
47	3.18832	0.00503992	0.01606886	2.50E-04	4.02E-06	0.79	1.57E-02	5.01E-08	1,000,000	5.01E-02
48	1.86478	0.00503992	0.00939833	2.50E-04	2.35E-06	0.79	1.57E-02	2.93E-08	1,000,000	2.93E-02
49	2.04366	0.00503992	0.01029987	2.50E-04	2.58E-06	0.79	1.57E-02	3.21E-08	1,000,000	3.21E-02
50	2.24354	0.00503992	0.01130725	2.50E-04	2.83E-06	0.79	1.57E-02	3.53E-08	1,000,000	3.53E-02
51	2.46445	0.00503992	0.01242062	2.50E-04	3.11E-06	0.79	1.57E-02	3.88E-08	1,000,000	3.88E-02
52	2.70186	0.00503992	0.01361715	2.50E-04	3.41E-06	0.79	1.57E-02	4.25E-08	1,000,000	4.25E-02
53	2.94431	0.00503992	0.01483907	2.50E-04	3.71E-06	0.79	1.57E-02	4.63E-08	1,000,000	4.63E-02
54	3.17493	0.00503992	0.01600138	2.50E-04	4.00E-06	0.79	1.57E-02	4.99E-08	1,000,000	4.99E-02
55	3.37618	0.00503992	0.01701566	2.50E-04	4.26E-06	0.79	1.57E-02	5.31E-08	1,000,000	5.31E-02
56	3.53414	0.00503992	0.01781177	2.50E-04	4.46E-06	0.79	1.57E-02	5.56E-08	1,000,000	5.56E-02
57	3.64076	0.00503992	0.01834912	2.50E-04	4.59E-06	0.79	1.57E-02	5.73E-08	1,000,000	5.73E-02
58	3.68566	0.00503992	0.01857541	2.50E-04	4.65E-06	0.79	1.57E-02	5.80E-08	1,000,000	5.80E-02
59	2.09419	0.00503992	0.01055454	2.50E-04	2.64E-06	0.79	1.57E-02	3.29E-08	1,000,000	3.29E-02
60	2.31909	0.00503992	0.01168802	2.50E-04	2.93E-06	0.79	1.57E-02	3.65E-08	1,000,000	3.65E-02
61	2.57349	0.00503992	0.01297017	2.50E-04	3.25E-06	0.79	1.57E-02	4.05E-08	1,000,000	4.05E-02
62	2.85785	0.00503992	0.01440332	2.50E-04	3.60E-06	0.79	1.57E-02	4.49E-08	1,000,000	4.49E-02
63	3.16591	0.00503992	0.01595592	2.50E-04	3.99E-06	0.79	1.57E-02	4.98E-08	1,000,000	4.98E-02
64	3.47952	0.00503992	0.01753649	2.50E-04	4.39E-06	0.79	1.57E-02	5.47E-08	1,000,000	5.47E-02
65	3.77076	0.00503992	0.01900431	2.50E-04	4.76E-06	0.79	1.57E-02	5.93E-08	1,000,000	5.93E-02

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	4.01188	0.00503992	0.02021954	2.50E-04	5.06E-06	0.79	1.57E-02	6.31E-08	1,000,000	6.31E-02
67	4.18476	0.00503992	0.02109084	2.50E-04	5.28E-06	0.79	1.57E-02	6.58E-08	1,000,000	6.58E-02
68	4.28407	0.00503992	0.02159135	2.50E-04	5.40E-06	0.79	1.57E-02	6.74E-08	1,000,000	6.74E-02
69	4.30303	0.00503992	0.02168691	2.50E-04	5.43E-06	0.79	1.57E-02	6.77E-08	1,000,000	6.77E-02
70	2.37009	0.00503992	0.01194505	2.50E-04	2.99E-06	0.79	1.57E-02	3.73E-08	1,000,000	3.73E-02
71	2.65903	0.00503992	0.01340129	2.50E-04	3.35E-06	0.79	1.57E-02	4.18E-08	1,000,000	4.18E-02
72	2.99179	0.00503992	0.01507837	2.50E-04	3.77E-06	0.79	1.57E-02	4.70E-08	1,000,000	4.70E-02
73	3.36963	0.00503992	0.01698265	2.50E-04	4.25E-06	0.79	1.57E-02	5.30E-08	1,000,000	5.30E-02
74	3.78347	0.00503992	0.01906837	2.50E-04	4.77E-06	0.79	1.57E-02	5.95E-08	1,000,000	5.95E-02
75	4.20209	0.00503992	0.02117818	2.50E-04	5.30E-06	0.79	1.57E-02	6.61E-08	1,000,000	6.61E-02
76	4.57548	0.00503992	0.02306003	2.50E-04	5.77E-06	0.79	1.57E-02	7.19E-08	1,000,000	7.19E-02
77	4.85913	0.00503992	0.0244896	2.50E-04	6.13E-06	0.79	1.57E-02	7.64E-08	1,000,000	7.64E-02
78	5.03434	0.00503992	0.02537265	2.50E-04	6.35E-06	0.79	1.57E-02	7.92E-08	1,000,000	7.92E-02
79	5.10741	0.00503992	0.02574091	2.50E-04	6.44E-06	0.79	1.57E-02	8.03E-08	1,000,000	8.03E-02
80	5.08014	0.00503992	0.02560347	2.50E-04	6.41E-06	0.79	1.57E-02	7.99E-08	1,000,000	7.99E-02
81	2.70502	0.00503992	0.01363307	2.50E-04	3.41E-06	0.79	1.57E-02	4.25E-08	1,000,000	4.25E-02
82	3.0855	0.00503992	0.01555066	2.50E-04	3.89E-06	0.79	1.57E-02	4.85E-08	1,000,000	4.85E-02
83	3.53588	0.00503992	0.01782054	2.50E-04	4.46E-06	0.79	1.57E-02	5.56E-08	1,000,000	5.56E-02
84	4.05995	0.00503992	0.0204618	2.50E-04	5.12E-06	0.79	1.57E-02	6.38E-08	1,000,000	6.38E-02
85	4.64344	0.00503992	0.02340254	2.50E-04	5.86E-06	0.79	1.57E-02	7.30E-08	1,000,000	7.30E-02
86	5.22557	0.00503992	0.02633643	2.50E-04	6.59E-06	0.79	1.57E-02	8.22E-08	1,000,000	8.22E-02
87	5.70706	0.00503992	0.0287631	2.50E-04	7.20E-06	0.79	1.57E-02	8.97E-08	1,000,000	8.97E-02
88	6.02	0.00503992	0.03034029	2.50E-04	7.59E-06	0.79	1.57E-02	9.47E-08	1,000,000	9.47E-02
89	6.165	0.00503992	0.03107108	2.50E-04	7.78E-06	0.79	1.57E-02	9.69E-08	1,000,000	9.69E-02
90	6.17969	0.00503992	0.03114511	2.50E-04	7.79E-06	0.79	1.57E-02	9.72E-08	1,000,000	9.72E-02
91	6.07815	0.00503992	0.03063336	2.50E-04	7.67E-06	0.79	1.57E-02	9.56E-08	1,000,000	9.56E-02
92	3.11492	0.00503992	0.01569893	2.50E-04	3.93E-06	0.79	1.57E-02	4.90E-08	1,000,000	4.90E-02
93	3.62995	0.00503992	0.01829464	2.50E-04	4.58E-06	0.79	1.57E-02	5.71E-08	1,000,000	5.71E-02
94	4.26626	0.00503992	0.02150159	2.50E-04	5.38E-06	0.79	1.57E-02	6.71E-08	1,000,000	6.71E-02
95	5.0388	0.00503992	0.02539512	2.50E-04	6.36E-06	0.79	1.57E-02	7.92E-08	1,000,000	7.92E-02
96	5.92432	0.00503992	0.02985807	2.50E-04	7.47E-06	0.79	1.57E-02	9.32E-08	1,000,000	9.32E-02
97	6.77971	0.00503992	0.03416916	2.50E-04	8.55E-06	0.79	1.57E-02	1.07E-07	1,000,000	1.07E-01
98	7.38058	0.00503992	0.0371975	2.50E-04	9.31E-06	0.79	1.57E-02	1.16E-07	1,000,000	1.16E-01
99	7.65742	0.00503992	0.03859275	2.50E-04	9.66E-06	0.79	1.57E-02	1.20E-07	1,000,000	1.20E-01
100	7.70194	0.00503992	0.03881712	2.50E-04	9.71E-06	0.79	1.57E-02	1.21E-07	1,000,000	1.21E-01
101	7.61233	0.00503992	0.0383655	2.50E-04	9.60E-06	0.79	1.57E-02	1.20E-07	1,000,000	1.20E-01
102	7.40346	0.00503992	0.03731281	2.50E-04	9.34E-06	0.79	1.57E-02	1.16E-07	1,000,000	1.16E-01
103	6.15641	0.00503992	0.03102778	2.50E-04	7.77E-06	0.79	1.57E-02	9.68E-08	1,000,000	9.68E-02
104	7.51841	0.00503992	0.03789215	2.50E-04	9.48E-06	0.79	1.57E-02	1.18E-07	1,000,000	1.18E-01
105	9.08519	0.00503992	0.04578859	2.50E-04	1.15E-05	0.79	1.57E-02	1.43E-07	1,000,000	1.43E-01
106	9.66369	0.00503992	0.04870418	2.50E-04	1.22E-05	0.79	1.57E-02	1.52E-07	1,000,000	1.52E-01
107	10.03691	0.00503992	0.05058518	2.50E-04	1.27E-05	0.79	1.57E-02	1.58E-07	1,000,000	1.58E-01

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	9.85412	0.00503992	0.04966393	2.50E-04	1.24E-05	0.79	1.57E-02	1.55E-07	1,000,000	1.55E-01
109	9.61543	0.00503992	0.04846095	2.50E-04	1.21E-05	0.79	1.57E-02	1.51E-07	1,000,000	1.51E-01
110	9.27367	0.00503992	0.04673851	2.50E-04	1.17E-05	0.79	1.57E-02	1.46E-07	1,000,000	1.46E-01
111	5.05951	0.00503992	0.0254995	2.50E-04	6.38E-06	0.79	1.57E-02	7.96E-08	1,000,000	7.96E-02
112	4.11109	0.00503992	0.02071955	2.50E-04	5.19E-06	0.79	1.57E-02	6.46E-08	1,000,000	6.46E-02

Shiolh Business Park

Unmitigated - Risk - Build. Const.

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	9.0E-02	School	1.145	107	5	1.38E-04	1.01E-02	107	School
2	9.5E-02	Res	0.558	204	5	1.46E-04	8.56E-04	204	Res
3	1.0E-01	Teacher	0.16	107	5	1.54E-04	1.0E-02	107	Teacher
4	1.1E-01				5	1.63E-04			
5	1.1E-01				5	1.73E-04			
6	8.9E-02				5	1.36E-04			
7	9.3E-02				5	1.43E-04			
8	9.9E-02				5	1.51E-04			
9	1.0E-01				5	1.60E-04			
10	1.1E-01				5	1.70E-04			
11	8.7E-02				5	1.34E-04			
12	9.2E-02				5	1.41E-04			
13	9.7E-02				5	1.49E-04			
14	1.0E-01				5	1.58E-04			
15	1.1E-01				5	1.67E-04			
16	8.6E-02				5	1.32E-04			
17	9.0E-02				5	1.39E-04			
18	9.5E-02				5	1.46E-04			
19	1.0E-01				5	1.55E-04			
20	1.1E-01				5	1.64E-04			
21	8.4E-02				5	1.30E-04			
22	8.9E-02				5	1.36E-04			
23	9.4E-02				5	1.44E-04			
24	9.9E-02				5	1.52E-04			
25	1.0E-01				5	1.61E-04			
113	4.9E-01				5	7.52E-04			
114	4.5E-01				5	6.85E-04			
115	4.1E-01				5	6.24E-04			
116	3.7E-01				5	5.71E-04			
117	5.1E-01				5	7.79E-04			
118	4.6E-01				5	7.04E-04			
119	4.2E-01				5	6.38E-04			

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	3.8E-01			5	5.80E-04		
121	5.2E-01			5	8.02E-04		
122	4.7E-01			5	7.20E-04		
123	4.2E-01			5	6.49E-04		
124	3.8E-01			5	5.88E-04		
125	5.3E-01			5	8.20E-04		
126	4.8E-01			5	7.32E-04		
127	4.3E-01			5	6.57E-04		
128	3.9E-01			5	5.93E-04		
129	5.4E-01			5	8.34E-04		
130	4.8E-01			5	7.41E-04		
131	4.3E-01			5	6.62E-04		
132	3.9E-01			5	5.96E-04		
133	5.5E-01			5	8.44E-04		
134	4.9E-01			5	7.47E-04		
135	4.3E-01			5	6.66E-04		
136	3.9E-01			5	5.98E-04		
137	5.5E-01			5	8.50E-04		
138	4.4E-01			5	6.68E-04		
139	3.9E-01			5	6.00E-04		
140	5.6E-01			5	8.54E-04		
141	4.9E-01			5	7.52E-04		
142	4.4E-01			5	6.69E-04		
143	3.9E-01			5	6.00E-04		
144	5.5E-01			5	8.50E-04		
145	4.9E-01			5	7.49E-04		
146	4.3E-01			5	6.66E-04		
147	3.9E-01			5	5.97E-04		
148	5.5E-01			5	8.42E-04		
149	4.8E-01			5	7.42E-04		
150	4.3E-01			5	6.60E-04		
151	3.9E-01			5	5.92E-04		
152	5.4E-01			5	8.30E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	4.8E-01			5	7.32E-04		
154	4.2E-01			5	6.52E-04		
155	3.8E-01			5	5.85E-04		
156	5.3E-01			5	8.12E-04		
157	4.7E-01			5	7.18E-04		
158	4.2E-01			5	6.40E-04		
159	3.7E-01			5	5.75E-04		
160	5.1E-01			5	7.88E-04		
161	4.6E-01			5	7.00E-04		
162	4.1E-01			5	6.26E-04		
163	3.7E-01			5	5.63E-04		
164	4.9E-01			5	7.58E-04		
165	4.4E-01			5	6.76E-04		
166	3.9E-01			5	6.06E-04		
167	3.6E-01			5	5.48E-04		
168	4.7E-01			5	7.21E-04		
169	4.2E-01			5	6.47E-04		
170	3.8E-01			5	5.84E-04		
171	3.5E-01			5	5.30E-04		
172	4.4E-01			5	6.81E-04		
173	4.0E-01			5	6.15E-04		
174	3.6E-01			5	5.58E-04		
175	3.3E-01			5	5.09E-04		
176	4.2E-01			5	6.39E-04		
177	3.8E-01			5	5.80E-04		
178	3.4E-01			5	5.29E-04		
179	3.2E-01			5	4.85E-04		
180	3.9E-01			5	5.97E-04		
181	3.6E-01			5	5.45E-04		
182	3.3E-01			5	5.00E-04		
183	3.0E-01			5	4.60E-04		
184	5.2E-01			5	8.00E-04		
185	4.6E-01			5	7.11E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	4.2E-01			5	6.41E-04		
187	3.8E-01			5	5.83E-04		
188	3.5E-01			5	5.32E-04		
189	4.7E-01			5	7.29E-04		
190	4.3E-01			5	6.56E-04		
191	3.9E-01			5	5.95E-04		
192	3.5E-01			5	5.43E-04		
193	3.2E-01			5	4.98E-04		
194	4.4E-01			5	6.70E-04		
195	4.0E-01			5	6.07E-04		
196	3.6E-01			5	5.53E-04		
197	3.3E-01			5	5.06E-04		
198	3.0E-01			5	4.66E-04		
199	4.0E-01			5	6.19E-04		
200	3.7E-01			5	5.63E-04		
201	3.4E-01			5	5.14E-04		
202	3.1E-01			5	4.72E-04		
203	2.8E-01			5	4.36E-04		
204	5.6E-01			5	8.56E-04		
205	3.7E-01			5	5.74E-04		
206	3.4E-01			5	5.24E-04		
207	3.1E-01			5	4.80E-04		
208	2.9E-01			5	4.43E-04		
209	5.0E-01			5	7.75E-04		
210	4.6E-01			5	7.03E-04		
211	4.2E-01			5	6.40E-04		
212	3.8E-01			5	5.84E-04		
213	3.5E-01			5	5.34E-04		
214	3.2E-01			5	4.89E-04		
215	2.9E-01			5	4.50E-04		
216	4.9E-01			5	7.51E-04		
217	4.5E-01			5	6.94E-04		
218	4.2E-01			5	6.39E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	3.8E-01			5	5.90E-04		
220	3.5E-01			5	5.45E-04		
221	3.3E-01			5	5.03E-04		
222	4.4E-01			5	6.79E-04		
223	4.1E-01			5	6.30E-04		
224	3.8E-01			5	5.85E-04		
225	3.5E-01			5	5.43E-04		
226	3.3E-01			5	5.04E-04		
227	4.0E-01			5	6.16E-04		
228	3.7E-01			5	5.75E-04		
229	3.5E-01			5	5.37E-04		
230	3.3E-01			5	5.01E-04		
231	3.7E-01			5	5.62E-04		
232	3.4E-01			5	5.27E-04		
233	3.2E-01			5	4.95E-04		
234	3.0E-01			5	4.64E-04		
235	3.4E-01			5	5.15E-04		
236	3.2E-01			5	4.86E-04		
237	3.0E-01			5	4.57E-04		
238	2.8E-01			5	4.30E-04		
239	3.1E-01			5	4.74E-04		
240	2.9E-01			5	4.49E-04		
241	2.8E-01			5	4.24E-04		
242	2.6E-01			5	4.01E-04		
243	3.7E-01			5	5.65E-04		
244	3.7E-01			5	5.70E-04		
245	3.7E-01			5	5.68E-04		
246	3.6E-01			5	5.58E-04		
247	3.5E-01			5	5.41E-04		
248	3.4E-01			5	5.20E-04		
249	3.2E-01			5	4.97E-04		
250	3.4E-01			5	5.19E-04		
251	3.4E-01			5	5.23E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	3.4E-01			5	5.20E-04		
253	3.3E-01			5	5.11E-04		
254	3.2E-01			5	4.96E-04		
255	3.1E-01			5	4.78E-04		
256	3.0E-01			5	4.57E-04		
257	3.1E-01			5	4.79E-04		
258	3.1E-01			5	4.81E-04		
259	3.1E-01			5	4.78E-04		
260	3.1E-01			5	4.70E-04		
261	3.0E-01			5	4.57E-04		
262	2.9E-01			5	4.41E-04		
263	2.8E-01			5	4.24E-04		
264	2.9E-01			5	4.43E-04		
265	2.9E-01			5	4.45E-04		
266	2.9E-01			5	4.42E-04		
267	2.8E-01			5	4.34E-04		
268	2.8E-01			5	4.23E-04		
269	2.7E-01			5	4.09E-04		
270	2.6E-01			5	3.94E-04		
271	2.7E-01			5	4.12E-04		
272	2.7E-01			5	4.13E-04		
273	2.7E-01			5	4.10E-04		
274	2.6E-01			5	4.03E-04		
275	2.6E-01			5	3.93E-04		
276	2.5E-01			5	3.81E-04		
277	2.4E-01			5	3.67E-04		
278	1.9E-01			5	2.84E-04		
279	1.9E-01			5	2.93E-04		
280	2.1E-01			5	3.19E-04		
281	2.0E-01			5	3.14E-04		
282	2.2E-01			5	3.42E-04		
283	1.9E-01			5	2.90E-04		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	1.7E-01			5	1.52E-03		
27	1.9E-01			5	1.64E-03		
28	2.0E-01			5	1.77E-03		
29	2.2E-01			5	1.92E-03		
30	2.3E-01			5	2.07E-03		
31	2.5E-01			5	2.23E-03		
32	2.7E-01			5	2.38E-03		
33	2.9E-01			5	2.52E-03		
34	3.0E-01			5	2.65E-03		
35	3.1E-01			5	2.74E-03		
36	3.2E-01			5	2.81E-03		
37	1.9E-01			5	1.69E-03		
38	2.1E-01			5	1.83E-03		
39	2.3E-01			5	1.99E-03		
40	2.5E-01			5	2.17E-03		
41	2.7E-01			5	2.36E-03		
42	2.9E-01			5	2.55E-03		
43	3.1E-01			5	2.74E-03		
44	3.3E-01			5	2.91E-03		
45	3.5E-01			5	3.05E-03		
46	3.6E-01			5	3.16E-03		
47	3.6E-01			5	3.21E-03		
48	2.1E-01			5	1.88E-03		
49	2.3E-01			5	2.06E-03		
50	2.6E-01			5	2.26E-03		
51	2.8E-01			5	2.48E-03		
52	3.1E-01			5	2.72E-03		
53	3.4E-01			5	2.97E-03		
54	3.6E-01			5	3.20E-03		
55	3.9E-01			5	3.40E-03		
56	4.0E-01			5	3.56E-03		
57	4.2E-01			5	3.67E-03		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	4.2E-01			5	3.72E-03		
59	2.4E-01			5	2.11E-03		
60	2.6E-01			5	2.34E-03		
61	2.9E-01			5	2.59E-03		
62	3.3E-01			5	2.88E-03		
63	3.6E-01			5	3.19E-03		
64	4.0E-01			5	3.51E-03		
65	4.3E-01			5	3.80E-03		
66	4.6E-01			5	4.04E-03		
67	4.8E-01			5	4.22E-03		
68	4.9E-01			5	4.32E-03		
69	4.9E-01			5	4.34E-03		
70	2.7E-01			5	2.39E-03		
71	3.0E-01			5	2.68E-03		
72	3.4E-01			5	3.02E-03		
73	3.8E-01			5	3.40E-03		
74	4.3E-01			5	3.81E-03		
75	4.8E-01			5	4.24E-03		
76	5.2E-01			5	4.61E-03		
77	5.5E-01			5	4.90E-03		
78	5.7E-01			5	5.07E-03		
79	5.8E-01			5	5.15E-03		
80	5.8E-01			5	5.12E-03		
81	3.1E-01			5	2.73E-03		
82	3.5E-01			5	3.11E-03		
83	4.0E-01			5	3.56E-03		
84	4.6E-01			5	4.09E-03		
85	5.3E-01			5	4.68E-03		
86	6.0E-01			5	5.27E-03		
87	6.5E-01			5	5.75E-03		
88	6.9E-01			5	6.07E-03		
89	7.0E-01			5	6.21E-03		
90	7.0E-01			5	6.23E-03		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	6.9E-01			5	6.13E-03		
92	3.6E-01			5	3.14E-03		
93	4.1E-01			5	3.66E-03		
94	4.9E-01			5	4.30E-03		
95	5.7E-01			5	5.08E-03		
96	6.8E-01			5	5.97E-03		
97	7.7E-01			5	6.83E-03		
98	8.4E-01			5	7.44E-03		
99	8.7E-01			5	7.72E-03		
100	8.8E-01			5	7.76E-03		
101	8.7E-01			5	7.67E-03		
102	8.4E-01			5	7.46E-03		
103	7.0E-01			5	6.21E-03		
104	8.6E-01			5	7.58E-03		
105	1.0E+00			5	9.16E-03		
106	1.1E+00			5	9.74E-03		
107	1.1E+00			5	1.01E-02		
108	1.1E+00			5	9.93E-03		
109	1.1E+00			5	9.69E-03		
110	1.1E+00			5	9.35E-03		
111	5.8E-01			5	5.10E-03		
112	4.7E-01			5	4.14E-03		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Teacher			
26	2.4E-02			5	1.52E-03		
27	2.6E-02			5	1.64E-03		
28	2.8E-02			5	1.77E-03		
29	3.0E-02			5	1.92E-03		
30	3.2E-02			5	2.07E-03		
31	3.5E-02			5	2.23E-03		
32	3.7E-02			5	2.38E-03		
33	3.9E-02			5	2.52E-03		
34	4.1E-02			5	2.65E-03		
35	4.3E-02			5	2.74E-03		
36	4.4E-02			5	2.81E-03		
37	2.6E-02			5	1.69E-03		
38	2.9E-02			5	1.83E-03		
39	3.1E-02			5	1.99E-03		
40	3.4E-02			5	2.17E-03		
41	3.7E-02			5	2.36E-03		
42	4.0E-02			5	2.55E-03		
43	4.3E-02			5	2.74E-03		
44	4.5E-02			5	2.91E-03		
45	4.8E-02			5	3.05E-03		
46	4.9E-02			5	3.16E-03		
47	5.0E-02			5	3.21E-03		
48	2.9E-02			5	1.88E-03		
49	3.2E-02			5	2.06E-03		
50	3.5E-02			5	2.26E-03		
51	3.9E-02			5	2.48E-03		
52	4.2E-02			5	2.72E-03		
53	4.6E-02			5	2.97E-03		
54	5.0E-02			5	3.20E-03		
55	5.3E-02			5	3.40E-03		
56	5.6E-02			5	3.56E-03		
57	5.7E-02			5	3.67E-03		
58	5.8E-02			5	3.72E-03		
59	3.3E-02			5	2.11E-03		
60	3.6E-02			5	2.34E-03		
61	4.0E-02			5	2.59E-03		
62	4.5E-02			5	2.88E-03		
63	5.0E-02			5	3.19E-03		
64	5.5E-02			5	3.51E-03		
65	5.9E-02			5	3.80E-03		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	6.3E-02			5	4.04E-03		
67	6.6E-02			5	4.22E-03		
68	6.7E-02			5	4.32E-03		
69	6.8E-02			5	4.34E-03		
70	3.7E-02			5	2.39E-03		
71	4.2E-02			5	2.68E-03		
72	4.7E-02			5	3.02E-03		
73	5.3E-02			5	3.40E-03		
74	5.9E-02			5	3.81E-03		
75	6.6E-02			5	4.24E-03		
76	7.2E-02			5	4.61E-03		
77	7.6E-02			5	4.90E-03		
78	7.9E-02			5	5.07E-03		
79	8.0E-02			5	5.15E-03		
80	8.0E-02			5	5.12E-03		
81	4.3E-02			5	2.73E-03		
82	4.9E-02			5	3.11E-03		
83	5.6E-02			5	3.56E-03		
84	6.4E-02			5	4.09E-03		
85	7.3E-02			5	4.68E-03		
86	8.2E-02			5	5.27E-03		
87	9.0E-02			5	5.75E-03		
88	9.5E-02			5	6.07E-03		
89	9.7E-02			5	6.21E-03		
90	9.7E-02			5	6.23E-03		
91	9.6E-02			5	6.13E-03		
92	4.9E-02			5	3.14E-03		
93	5.7E-02			5	3.66E-03		
94	6.7E-02			5	4.30E-03		
95	7.9E-02			5	5.08E-03		
96	9.3E-02			5	5.97E-03		
97	1.1E-01			5	6.83E-03		
98	1.2E-01			5	7.44E-03		
99	1.2E-01			5	7.72E-03		
100	1.2E-01			5	7.76E-03		
101	1.2E-01			5	7.67E-03		
102	1.2E-01			5	7.46E-03		
103	9.7E-02			5	6.21E-03		
104	1.2E-01			5	7.58E-03		
105	1.4E-01			5	9.16E-03		
106	1.5E-01			5	9.74E-03		
107	1.6E-01			5	1.01E-02		

Shiolh Business Park

Unmitigated - Risk - Build. Const.

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	1.5E-01			5	9.93E-03		
109	1.5E-01			5	9.69E-03		
110	1.5E-01			5	9.35E-03		
111	8.0E-02			5	5.10E-03		
112	6.5E-02			5	4.14E-03		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.14129	**7.71E-05**	1.09E-05	1.05E-03	1.14E-08	0.18	1.57E-01	3.28E-10	1,000,000	3.28E-04
2	0.14923	7.7056E-05	1.1499E-05	1.05E-03	1.20E-08	0.18	1.57E-01	3.46E-10	1,000,000	3.46E-04
3	0.1581	7.7056E-05	1.2182E-05	1.05E-03	1.27E-08	0.18	1.57E-01	3.67E-10	1,000,000	3.67E-04
4	0.16768	7.7056E-05	1.2921E-05	1.05E-03	1.35E-08	0.18	1.57E-01	3.89E-10	1,000,000	3.89E-04
5	0.17838	7.7056E-05	1.3745E-05	1.05E-03	1.44E-08	0.18	1.57E-01	4.14E-10	1,000,000	4.14E-04
6	0.13914	7.7056E-05	1.0722E-05	1.05E-03	1.12E-08	0.18	1.57E-01	3.23E-10	1,000,000	3.23E-04
7	0.14682	7.7056E-05	1.1313E-05	1.05E-03	1.18E-08	0.18	1.57E-01	3.41E-10	1,000,000	3.41E-04
8	0.1553	7.7056E-05	1.1967E-05	1.05E-03	1.25E-08	0.18	1.57E-01	3.60E-10	1,000,000	3.60E-04
9	0.16487	7.7056E-05	1.2704E-05	1.05E-03	1.33E-08	0.18	1.57E-01	3.83E-10	1,000,000	3.83E-04
10	0.17524	7.7056E-05	1.3503E-05	1.05E-03	1.41E-08	0.18	1.57E-01	4.07E-10	1,000,000	4.07E-04
11	0.13685	7.7056E-05	1.0545E-05	1.05E-03	1.10E-08	0.18	1.57E-01	3.18E-10	1,000,000	3.18E-04
12	0.14435	7.7056E-05	1.1123E-05	1.05E-03	1.16E-08	0.18	1.57E-01	3.35E-10	1,000,000	3.35E-04
13	0.15265	7.7056E-05	1.1763E-05	1.05E-03	1.23E-08	0.18	1.57E-01	3.54E-10	1,000,000	3.54E-04
14	0.16204	7.7056E-05	1.2486E-05	1.05E-03	1.31E-08	0.18	1.57E-01	3.76E-10	1,000,000	3.76E-04
15	0.17217	7.7056E-05	1.3267E-05	1.05E-03	1.39E-08	0.18	1.57E-01	3.99E-10	1,000,000	3.99E-04
16	0.1346	7.7056E-05	1.0372E-05	1.05E-03	1.08E-08	0.18	1.57E-01	3.12E-10	1,000,000	3.12E-04
17	0.14198	7.7056E-05	1.094E-05	1.05E-03	1.14E-08	0.18	1.57E-01	3.29E-10	1,000,000	3.29E-04
18	0.15007	7.7056E-05	1.1564E-05	1.05E-03	1.21E-08	0.18	1.57E-01	3.48E-10	1,000,000	3.48E-04
19	0.15889	7.7056E-05	1.2243E-05	1.05E-03	1.28E-08	0.18	1.57E-01	3.69E-10	1,000,000	3.69E-04
20	0.16884	7.7056E-05	1.301E-05	1.05E-03	1.36E-08	0.18	1.57E-01	3.92E-10	1,000,000	3.92E-04
21	0.13246	7.7056E-05	1.0207E-05	1.05E-03	1.07E-08	0.18	1.57E-01	3.07E-10	1,000,000	3.07E-04
22	0.13965	7.7056E-05	1.0761E-05	1.05E-03	1.12E-08	0.18	1.57E-01	3.24E-10	1,000,000	3.24E-04
23	0.14758	7.7056E-05	1.1372E-05	1.05E-03	1.19E-08	0.18	1.57E-01	3.42E-10	1,000,000	3.42E-04
24	0.15626	7.7056E-05	1.2041E-05	1.05E-03	1.26E-08	0.18	1.57E-01	3.63E-10	1,000,000	3.63E-04
25	0.16573	7.7056E-05	1.277E-05	1.05E-03	1.33E-08	0.18	1.57E-01	3.85E-10	1,000,000	3.85E-04
113	0.74367	7.7056E-05	5.7304E-05	1.05E-03	5.99E-08	0.18	1.57E-01	1.73E-09	1,000,000	1.73E-03
114	0.67346	7.7056E-05	5.1894E-05	1.05E-03	5.42E-08	0.18	1.57E-01	1.56E-09	1,000,000	1.56E-03
115	0.61142	7.7056E-05	4.7113E-05	1.05E-03	4.92E-08	0.18	1.57E-01	1.42E-09	1,000,000	1.42E-03
116	0.5568	7.7056E-05	4.2905E-05	1.05E-03	4.48E-08	0.18	1.57E-01	1.29E-09	1,000,000	1.29E-03
117	0.76756	7.7056E-05	5.9145E-05	1.05E-03	6.18E-08	0.18	1.57E-01	1.78E-09	1,000,000	1.78E-03
118	0.69008	7.7056E-05	5.3175E-05	1.05E-03	5.56E-08	0.18	1.57E-01	1.60E-09	1,000,000	1.60E-03
119	0.62296	7.7056E-05	4.8003E-05	1.05E-03	5.02E-08	0.18	1.57E-01	1.45E-09	1,000,000	1.45E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.56478	7.7056E-05	4.3519E-05	1.05E-03	4.55E-08	0.18	1.57E-01	1.31E-09	1,000,000	1.31E-03
121	0.78724	7.7056E-05	6.0661E-05	1.05E-03	6.34E-08	0.18	1.57E-01	1.83E-09	1,000,000	1.83E-03
122	0.7033	7.7056E-05	5.4193E-05	1.05E-03	5.66E-08	0.18	1.57E-01	1.63E-09	1,000,000	1.63E-03
123	0.63186	7.7056E-05	4.8688E-05	1.05E-03	5.09E-08	0.18	1.57E-01	1.47E-09	1,000,000	1.47E-03
124	0.57079	7.7056E-05	4.3983E-05	1.05E-03	4.60E-08	0.18	1.57E-01	1.32E-09	1,000,000	1.32E-03
125	0.80254	7.7056E-05	6.184E-05	1.05E-03	6.46E-08	0.18	1.57E-01	1.86E-09	1,000,000	1.86E-03
126	0.7133	7.7056E-05	5.4964E-05	1.05E-03	5.74E-08	0.18	1.57E-01	1.66E-09	1,000,000	1.66E-03
127	0.63847	7.7056E-05	4.9198E-05	1.05E-03	5.14E-08	0.18	1.57E-01	1.48E-09	1,000,000	1.48E-03
128	0.57522	7.7056E-05	4.4324E-05	1.05E-03	4.63E-08	0.18	1.57E-01	1.33E-09	1,000,000	1.33E-03
129	0.81386	7.7056E-05	6.2712E-05	1.05E-03	6.55E-08	0.18	1.57E-01	1.89E-09	1,000,000	1.89E-03
130	0.72061	7.7056E-05	5.5527E-05	1.05E-03	5.80E-08	0.18	1.57E-01	1.67E-09	1,000,000	1.67E-03
131	0.64329	7.7056E-05	4.9569E-05	1.05E-03	5.18E-08	0.18	1.57E-01	1.49E-09	1,000,000	1.49E-03
132	0.57847	7.7056E-05	4.4574E-05	1.05E-03	4.66E-08	0.18	1.57E-01	1.34E-09	1,000,000	1.34E-03
133	0.82192	7.7056E-05	6.3334E-05	1.05E-03	6.62E-08	0.18	1.57E-01	1.91E-09	1,000,000	1.91E-03
134	0.72581	7.7056E-05	5.5928E-05	1.05E-03	5.85E-08	0.18	1.57E-01	1.68E-09	1,000,000	1.68E-03
135	0.64671	7.7056E-05	4.9833E-05	1.05E-03	5.21E-08	0.18	1.57E-01	1.50E-09	1,000,000	1.50E-03
136	0.58075	7.7056E-05	4.475E-05	1.05E-03	4.68E-08	0.18	1.57E-01	1.35E-09	1,000,000	1.35E-03
137	0.82726	7.7056E-05	6.3745E-05	1.05E-03	6.66E-08	0.18	1.57E-01	1.92E-09	1,000,000	1.92E-03
138	0.64881	7.7056E-05	4.9994E-05	1.05E-03	5.23E-08	0.18	1.57E-01	1.51E-09	1,000,000	1.51E-03
139	0.58206	7.7056E-05	4.4851E-05	1.05E-03	4.69E-08	0.18	1.57E-01	1.35E-09	1,000,000	1.35E-03
140	0.8241	7.7056E-05	6.3501E-05	1.05E-03	6.64E-08	0.18	1.57E-01	1.91E-09	1,000,000	1.91E-03
141	0.7249	7.7056E-05	5.5858E-05	1.05E-03	5.84E-08	0.18	1.57E-01	1.68E-09	1,000,000	1.68E-03
142	0.64417	7.7056E-05	4.9637E-05	1.05E-03	5.19E-08	0.18	1.57E-01	1.49E-09	1,000,000	1.49E-03
143	0.57743	7.7056E-05	4.4494E-05	1.05E-03	4.65E-08	0.18	1.57E-01	1.34E-09	1,000,000	1.34E-03
144	0.81523	7.7056E-05	6.2818E-05	1.05E-03	6.57E-08	0.18	1.57E-01	1.89E-09	1,000,000	1.89E-03
145	0.71764	7.7056E-05	5.5298E-05	1.05E-03	5.78E-08	0.18	1.57E-01	1.67E-09	1,000,000	1.67E-03
146	0.63811	7.7056E-05	4.917E-05	1.05E-03	5.14E-08	0.18	1.57E-01	1.48E-09	1,000,000	1.48E-03
147	0.57228	7.7056E-05	4.4097E-05	1.05E-03	4.61E-08	0.18	1.57E-01	1.33E-09	1,000,000	1.33E-03
148	0.80196	7.7056E-05	6.1795E-05	1.05E-03	6.46E-08	0.18	1.57E-01	1.86E-09	1,000,000	1.86E-03
149	0.70727	7.7056E-05	5.4499E-05	1.05E-03	5.70E-08	0.18	1.57E-01	1.64E-09	1,000,000	1.64E-03
150	0.62975	7.7056E-05	4.8526E-05	1.05E-03	5.07E-08	0.18	1.57E-01	1.46E-09	1,000,000	1.46E-03
151	0.56536	7.7056E-05	4.3564E-05	1.05E-03	4.55E-08	0.18	1.57E-01	1.31E-09	1,000,000	1.31E-03
152	0.7832	7.7056E-05	6.035E-05	1.05E-03	6.31E-08	0.18	1.57E-01	1.82E-09	1,000,000	1.82E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.6931	7.7056E-05	5.3407E-05	1.05E-03	5.58E-08	0.18	1.57E-01	1.61E-09	1,000,000	1.61E-03
154	0.61868	7.7056E-05	4.7673E-05	1.05E-03	4.98E-08	0.18	1.57E-01	1.44E-09	1,000,000	1.44E-03
155	0.55645	7.7056E-05	4.2878E-05	1.05E-03	4.48E-08	0.18	1.57E-01	1.29E-09	1,000,000	1.29E-03
156	0.75799	7.7056E-05	5.8407E-05	1.05E-03	6.10E-08	0.18	1.57E-01	1.76E-09	1,000,000	1.76E-03
157	0.67418	7.7056E-05	5.1949E-05	1.05E-03	5.43E-08	0.18	1.57E-01	1.56E-09	1,000,000	1.56E-03
158	0.60413	7.7056E-05	4.6552E-05	1.05E-03	4.87E-08	0.18	1.57E-01	1.40E-09	1,000,000	1.40E-03
159	0.54498	7.7056E-05	4.1994E-05	1.05E-03	4.39E-08	0.18	1.57E-01	1.26E-09	1,000,000	1.26E-03
160	0.72698	7.7056E-05	5.6018E-05	1.05E-03	5.86E-08	0.18	1.57E-01	1.69E-09	1,000,000	1.69E-03
161	0.65035	7.7056E-05	5.0113E-05	1.05E-03	5.24E-08	0.18	1.57E-01	1.51E-09	1,000,000	1.51E-03
162	0.58564	7.7056E-05	4.5127E-05	1.05E-03	4.72E-08	0.18	1.57E-01	1.36E-09	1,000,000	1.36E-03
163	0.53029	7.7056E-05	4.0862E-05	1.05E-03	4.27E-08	0.18	1.57E-01	1.23E-09	1,000,000	1.23E-03
164	0.69234	7.7056E-05	5.3349E-05	1.05E-03	5.58E-08	0.18	1.57E-01	1.61E-09	1,000,000	1.61E-03
165	0.6227	7.7056E-05	4.7982E-05	1.05E-03	5.02E-08	0.18	1.57E-01	1.44E-09	1,000,000	1.44E-03
166	0.56279	7.7056E-05	4.3366E-05	1.05E-03	4.53E-08	0.18	1.57E-01	1.31E-09	1,000,000	1.31E-03
167	0.51199	7.7056E-05	3.9452E-05	1.05E-03	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
168	0.65643	7.7056E-05	5.0582E-05	1.05E-03	5.29E-08	0.18	1.57E-01	1.52E-09	1,000,000	1.52E-03
169	0.59302	7.7056E-05	4.5695E-05	1.05E-03	4.78E-08	0.18	1.57E-01	1.38E-09	1,000,000	1.38E-03
170	0.53822	7.7056E-05	4.1473E-05	1.05E-03	4.33E-08	0.18	1.57E-01	1.25E-09	1,000,000	1.25E-03
171	0.49191	7.7056E-05	3.7904E-05	1.05E-03	3.96E-08	0.18	1.57E-01	1.14E-09	1,000,000	1.14E-03
172	0.62088	7.7056E-05	4.7842E-05	1.05E-03	5.00E-08	0.18	1.57E-01	1.44E-09	1,000,000	1.44E-03
173	0.56292	7.7056E-05	4.3376E-05	1.05E-03	4.53E-08	0.18	1.57E-01	1.31E-09	1,000,000	1.31E-03
174	0.51286	7.7056E-05	3.9519E-05	1.05E-03	4.13E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
175	0.4704	7.7056E-05	3.6247E-05	1.05E-03	3.79E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
176	0.58644	7.7056E-05	4.5188E-05	1.05E-03	4.72E-08	0.18	1.57E-01	1.36E-09	1,000,000	1.36E-03
177	0.53342	7.7056E-05	4.1103E-05	1.05E-03	4.30E-08	0.18	1.57E-01	1.24E-09	1,000,000	1.24E-03
178	0.48748	7.7056E-05	3.7563E-05	1.05E-03	3.93E-08	0.18	1.57E-01	1.13E-09	1,000,000	1.13E-03
179	0.44847	7.7056E-05	3.4557E-05	1.05E-03	3.61E-08	0.18	1.57E-01	1.04E-09	1,000,000	1.04E-03
180	0.55342	7.7056E-05	4.2644E-05	1.05E-03	4.46E-08	0.18	1.57E-01	1.28E-09	1,000,000	1.28E-03
181	0.50473	7.7056E-05	3.8892E-05	1.05E-03	4.07E-08	0.18	1.57E-01	1.17E-09	1,000,000	1.17E-03
182	0.46273	7.7056E-05	3.5656E-05	1.05E-03	3.73E-08	0.18	1.57E-01	1.07E-09	1,000,000	1.07E-03
183	0.42688	7.7056E-05	3.2893E-05	1.05E-03	3.44E-08	0.18	1.57E-01	9.90E-10	1,000,000	9.90E-04
184	0.72469	7.7056E-05	5.5841E-05	1.05E-03	5.84E-08	0.18	1.57E-01	1.68E-09	1,000,000	1.68E-03
185	0.66141	7.7056E-05	5.0965E-05	1.05E-03	5.33E-08	0.18	1.57E-01	1.53E-09	1,000,000	1.53E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.59719	7.7056E-05	4.6017E-05	1.05E-03	4.81E-08	0.18	1.57E-01	1.39E-09	1,000,000	1.39E-03
187	0.54244	7.7056E-05	4.1798E-05	1.05E-03	4.37E-08	0.18	1.57E-01	1.26E-09	1,000,000	1.26E-03
188	0.4951	7.7056E-05	3.815E-05	1.05E-03	3.99E-08	0.18	1.57E-01	1.15E-09	1,000,000	1.15E-03
189	0.68369	7.7056E-05	5.2682E-05	1.05E-03	5.51E-08	0.18	1.57E-01	1.59E-09	1,000,000	1.59E-03
190	0.61717	7.7056E-05	4.7556E-05	1.05E-03	4.97E-08	0.18	1.57E-01	1.43E-09	1,000,000	1.43E-03
191	0.56022	7.7056E-05	4.3168E-05	1.05E-03	4.51E-08	0.18	1.57E-01	1.30E-09	1,000,000	1.30E-03
192	0.51111	7.7056E-05	3.9384E-05	1.05E-03	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
193	0.46787	7.7056E-05	3.6052E-05	1.05E-03	3.77E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
194	0.63315	7.7056E-05	4.8788E-05	1.05E-03	5.10E-08	0.18	1.57E-01	1.47E-09	1,000,000	1.47E-03
195	0.57528	7.7056E-05	4.4329E-05	1.05E-03	4.63E-08	0.18	1.57E-01	1.33E-09	1,000,000	1.33E-03
196	0.52489	7.7056E-05	4.0446E-05	1.05E-03	4.23E-08	0.18	1.57E-01	1.22E-09	1,000,000	1.22E-03
197	0.48043	7.7056E-05	3.702E-05	1.05E-03	3.87E-08	0.18	1.57E-01	1.11E-09	1,000,000	1.11E-03
198	0.44217	7.7056E-05	3.4072E-05	1.05E-03	3.56E-08	0.18	1.57E-01	1.03E-09	1,000,000	1.03E-03
199	0.58626	7.7056E-05	4.5175E-05	1.05E-03	4.72E-08	0.18	1.57E-01	1.36E-09	1,000,000	1.36E-03
200	0.53584	7.7056E-05	4.1289E-05	1.05E-03	4.32E-08	0.18	1.57E-01	1.24E-09	1,000,000	1.24E-03
201	0.49123	7.7056E-05	3.7852E-05	1.05E-03	3.96E-08	0.18	1.57E-01	1.14E-09	1,000,000	1.14E-03
202	0.45191	7.7056E-05	3.4822E-05	1.05E-03	3.64E-08	0.18	1.57E-01	1.05E-09	1,000,000	1.05E-03
203	0.41748	7.7056E-05	3.2169E-05	1.05E-03	3.36E-08	0.18	1.57E-01	9.69E-10	1,000,000	9.69E-04
204	0.79251	7.7056E-05	6.1067E-05	1.05E-03	6.38E-08	0.18	1.57E-01	1.84E-09	1,000,000	1.84E-03
205	0.54318	7.7056E-05	4.1855E-05	1.05E-03	4.37E-08	0.18	1.57E-01	1.26E-09	1,000,000	1.26E-03
206	0.49914	7.7056E-05	3.8462E-05	1.05E-03	4.02E-08	0.18	1.57E-01	1.16E-09	1,000,000	1.16E-03
207	0.45942	7.7056E-05	3.5401E-05	1.05E-03	3.70E-08	0.18	1.57E-01	1.07E-09	1,000,000	1.07E-03
208	0.42489	7.7056E-05	3.274E-05	1.05E-03	3.42E-08	0.18	1.57E-01	9.86E-10	1,000,000	9.86E-04
209	0.71979	7.7056E-05	5.5464E-05	1.05E-03	5.80E-08	0.18	1.57E-01	1.67E-09	1,000,000	1.67E-03
210	0.65458	7.7056E-05	5.0439E-05	1.05E-03	5.27E-08	0.18	1.57E-01	1.52E-09	1,000,000	1.52E-03
211	0.59759	7.7056E-05	4.6048E-05	1.05E-03	4.81E-08	0.18	1.57E-01	1.39E-09	1,000,000	1.39E-03
212	0.54801	7.7056E-05	4.2227E-05	1.05E-03	4.41E-08	0.18	1.57E-01	1.27E-09	1,000,000	1.27E-03
213	0.50427	7.7056E-05	3.8857E-05	1.05E-03	4.06E-08	0.18	1.57E-01	1.17E-09	1,000,000	1.17E-03
214	0.46509	7.7056E-05	3.5838E-05	1.05E-03	3.75E-08	0.18	1.57E-01	1.08E-09	1,000,000	1.08E-03
215	0.43032	7.7056E-05	3.3159E-05	1.05E-03	3.47E-08	0.18	1.57E-01	9.98E-10	1,000,000	9.98E-04
216	0.71033	7.7056E-05	5.4735E-05	1.05E-03	5.72E-08	0.18	1.57E-01	1.65E-09	1,000,000	1.65E-03
217	0.65413	7.7056E-05	5.0404E-05	1.05E-03	5.27E-08	0.18	1.57E-01	1.52E-09	1,000,000	1.52E-03
218	0.60117	7.7056E-05	4.6323E-05	1.05E-03	4.84E-08	0.18	1.57E-01	1.39E-09	1,000,000	1.39E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.55407	7.7056E-05	4.2694E-05	1.05E-03	4.46E-08	0.18	1.57E-01	1.29E-09	1,000,000	1.29E-03
220	0.51104	7.7056E-05	3.9378E-05	1.05E-03	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
221	0.47244	7.7056E-05	3.6404E-05	1.05E-03	3.80E-08	0.18	1.57E-01	1.10E-09	1,000,000	1.10E-03
222	0.64443	7.7056E-05	4.9657E-05	1.05E-03	5.19E-08	0.18	1.57E-01	1.50E-09	1,000,000	1.50E-03
223	0.59699	7.7056E-05	4.6001E-05	1.05E-03	4.81E-08	0.18	1.57E-01	1.39E-09	1,000,000	1.39E-03
224	0.55285	7.7056E-05	4.26E-05	1.05E-03	4.45E-08	0.18	1.57E-01	1.28E-09	1,000,000	1.28E-03
225	0.51256	7.7056E-05	3.9496E-05	1.05E-03	4.13E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
226	0.47497	7.7056E-05	3.6599E-05	1.05E-03	3.83E-08	0.18	1.57E-01	1.10E-09	1,000,000	1.10E-03
227	0.58701	7.7056E-05	4.5232E-05	1.05E-03	4.73E-08	0.18	1.57E-01	1.36E-09	1,000,000	1.36E-03
228	0.54693	7.7056E-05	4.2144E-05	1.05E-03	4.40E-08	0.18	1.57E-01	1.27E-09	1,000,000	1.27E-03
229	0.50986	7.7056E-05	3.9288E-05	1.05E-03	4.11E-08	0.18	1.57E-01	1.18E-09	1,000,000	1.18E-03
230	0.47464	7.7056E-05	3.6574E-05	1.05E-03	3.82E-08	0.18	1.57E-01	1.10E-09	1,000,000	1.10E-03
231	0.53677	7.7056E-05	4.1361E-05	1.05E-03	4.32E-08	0.18	1.57E-01	1.25E-09	1,000,000	1.25E-03
232	0.50328	7.7056E-05	3.8781E-05	1.05E-03	4.05E-08	0.18	1.57E-01	1.17E-09	1,000,000	1.17E-03
233	0.47148	7.7056E-05	3.633E-05	1.05E-03	3.80E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
234	0.44117	7.7056E-05	3.3995E-05	1.05E-03	3.55E-08	0.18	1.57E-01	1.02E-09	1,000,000	1.02E-03
235	0.49331	7.7056E-05	3.8012E-05	1.05E-03	3.97E-08	0.18	1.57E-01	1.14E-09	1,000,000	1.14E-03
236	0.46473	7.7056E-05	3.581E-05	1.05E-03	3.74E-08	0.18	1.57E-01	1.08E-09	1,000,000	1.08E-03
237	0.43696	7.7056E-05	3.367E-05	1.05E-03	3.52E-08	0.18	1.57E-01	1.01E-09	1,000,000	1.01E-03
238	0.41105	7.7056E-05	3.1674E-05	1.05E-03	3.31E-08	0.18	1.57E-01	9.54E-10	1,000,000	9.54E-04
239	0.45525	7.7056E-05	3.508E-05	1.05E-03	3.67E-08	0.18	1.57E-01	1.06E-09	1,000,000	1.06E-03
240	0.43045	7.7056E-05	3.3169E-05	1.05E-03	3.47E-08	0.18	1.57E-01	9.99E-10	1,000,000	9.99E-04
241	0.40629	7.7056E-05	3.1307E-05	1.05E-03	3.27E-08	0.18	1.57E-01	9.43E-10	1,000,000	9.43E-04
242	0.38385	7.7056E-05	2.9578E-05	1.05E-03	3.09E-08	0.18	1.57E-01	8.91E-10	1,000,000	8.91E-04
243	0.57131	7.7056E-05	4.4023E-05	1.05E-03	4.60E-08	0.18	1.57E-01	1.33E-09	1,000,000	1.33E-03
244	0.56954	7.7056E-05	4.3886E-05	1.05E-03	4.59E-08	0.18	1.57E-01	1.32E-09	1,000,000	1.32E-03
245	0.56014	7.7056E-05	4.3162E-05	1.05E-03	4.51E-08	0.18	1.57E-01	1.30E-09	1,000,000	1.30E-03
246	0.54455	7.7056E-05	4.1961E-05	1.05E-03	4.39E-08	0.18	1.57E-01	1.26E-09	1,000,000	1.26E-03
247	0.52415	7.7056E-05	4.0389E-05	1.05E-03	4.22E-08	0.18	1.57E-01	1.22E-09	1,000,000	1.22E-03
248	0.50186	7.7056E-05	3.8671E-05	1.05E-03	4.04E-08	0.18	1.57E-01	1.16E-09	1,000,000	1.16E-03
249	0.47825	7.7056E-05	3.6852E-05	1.05E-03	3.85E-08	0.18	1.57E-01	1.11E-09	1,000,000	1.11E-03
250	0.52221	7.7056E-05	4.0239E-05	1.05E-03	4.21E-08	0.18	1.57E-01	1.21E-09	1,000,000	1.21E-03
251	0.52021	7.7056E-05	4.0085E-05	1.05E-03	4.19E-08	0.18	1.57E-01	1.21E-09	1,000,000	1.21E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.51192	7.7056E-05	3.9446E-05	1.05E-03	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
253	0.49848	7.7056E-05	3.8411E-05	1.05E-03	4.01E-08	0.18	1.57E-01	1.16E-09	1,000,000	1.16E-03
254	0.48096	7.7056E-05	3.7061E-05	1.05E-03	3.87E-08	0.18	1.57E-01	1.12E-09	1,000,000	1.12E-03
255	0.46178	7.7056E-05	3.5583E-05	1.05E-03	3.72E-08	0.18	1.57E-01	1.07E-09	1,000,000	1.07E-03
256	0.44093	7.7056E-05	3.3976E-05	1.05E-03	3.55E-08	0.18	1.57E-01	1.02E-09	1,000,000	1.02E-03
257	0.47979	7.7056E-05	3.697E-05	1.05E-03	3.86E-08	0.18	1.57E-01	1.11E-09	1,000,000	1.11E-03
258	0.47764	7.7056E-05	3.6805E-05	1.05E-03	3.85E-08	0.18	1.57E-01	1.11E-09	1,000,000	1.11E-03
259	0.47027	7.7056E-05	3.6237E-05	1.05E-03	3.79E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
260	0.45861	7.7056E-05	3.5338E-05	1.05E-03	3.69E-08	0.18	1.57E-01	1.06E-09	1,000,000	1.06E-03
261	0.44343	7.7056E-05	3.4169E-05	1.05E-03	3.57E-08	0.18	1.57E-01	1.03E-09	1,000,000	1.03E-03
262	0.42672	7.7056E-05	3.2881E-05	1.05E-03	3.44E-08	0.18	1.57E-01	9.90E-10	1,000,000	9.90E-04
263	0.40869	7.7056E-05	3.1492E-05	1.05E-03	3.29E-08	0.18	1.57E-01	9.48E-10	1,000,000	9.48E-04
264	0.44301	7.7056E-05	3.4136E-05	1.05E-03	3.57E-08	0.18	1.57E-01	1.03E-09	1,000,000	1.03E-03
265	0.4407	7.7056E-05	3.3958E-05	1.05E-03	3.55E-08	0.18	1.57E-01	1.02E-09	1,000,000	1.02E-03
266	0.43401	7.7056E-05	3.3443E-05	1.05E-03	3.50E-08	0.18	1.57E-01	1.01E-09	1,000,000	1.01E-03
267	0.4238	7.7056E-05	3.2656E-05	1.05E-03	3.41E-08	0.18	1.57E-01	9.83E-10	1,000,000	9.83E-04
268	0.41093	7.7056E-05	3.1664E-05	1.05E-03	3.31E-08	0.18	1.57E-01	9.53E-10	1,000,000	9.53E-04
269	0.39617	7.7056E-05	3.0527E-05	1.05E-03	3.19E-08	0.18	1.57E-01	9.19E-10	1,000,000	9.19E-04
270	0.3803	7.7056E-05	2.9304E-05	1.05E-03	3.06E-08	0.18	1.57E-01	8.82E-10	1,000,000	8.82E-04
271	0.41058	7.7056E-05	3.1637E-05	1.05E-03	3.31E-08	0.18	1.57E-01	9.53E-10	1,000,000	9.53E-04
272	0.40826	7.7056E-05	3.1459E-05	1.05E-03	3.29E-08	0.18	1.57E-01	9.47E-10	1,000,000	9.47E-04
273	0.40223	7.7056E-05	3.0994E-05	1.05E-03	3.24E-08	0.18	1.57E-01	9.33E-10	1,000,000	9.33E-04
274	0.39318	7.7056E-05	3.0297E-05	1.05E-03	3.17E-08	0.18	1.57E-01	9.12E-10	1,000,000	9.12E-04
275	0.38185	7.7056E-05	2.9424E-05	1.05E-03	3.08E-08	0.18	1.57E-01	8.86E-10	1,000,000	8.86E-04
276	0.36901	7.7056E-05	2.8434E-05	1.05E-03	2.97E-08	0.18	1.57E-01	8.56E-10	1,000,000	8.56E-04
277	0.35486	7.7056E-05	2.7344E-05	1.05E-03	2.86E-08	0.18	1.57E-01	8.23E-10	1,000,000	8.23E-04
278	0.29853	7.7056E-05	2.3003E-05	1.05E-03	2.40E-08	0.18	1.57E-01	6.93E-10	1,000,000	6.93E-04
279	0.30833	7.7056E-05	2.3759E-05	1.05E-03	2.48E-08	0.18	1.57E-01	7.15E-10	1,000,000	7.15E-04
280	0.33537	7.7056E-05	2.5842E-05	1.05E-03	2.70E-08	0.18	1.57E-01	7.78E-10	1,000,000	7.78E-04
281	0.32985	7.7056E-05	2.5417E-05	1.05E-03	2.66E-08	0.18	1.57E-01	7.65E-10	1,000,000	7.65E-04
282	0.36085	7.7056E-05	2.7805E-05	1.05E-03	2.91E-08	0.18	1.57E-01	8.37E-10	1,000,000	8.37E-04
283	0.30368	7.7056E-05	2.34E-05	1.05E-03	2.45E-08	0.18	1.57E-01	7.05E-10	1,000,000	7.05E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School - Student Receptors										
26	1.90656	7.7056E-05	0.00014691	6.05E-04	8.89E-08	0.18	4.71E-02	7.68E-10	1,000,000	7.68E-04
27	2.09918	7.7056E-05	0.00016175	6.05E-04	9.79E-08	0.18	4.71E-02	8.46E-10	1,000,000	8.46E-04
28	2.30413	7.7056E-05	0.00017755	6.05E-04	1.07E-07	0.18	4.71E-02	9.28E-10	1,000,000	9.28E-04
29	2.5109	7.7056E-05	0.00019348	6.05E-04	1.17E-07	0.18	4.71E-02	1.01E-09	1,000,000	1.01E-03
30	2.70838	7.7056E-05	0.0002087	6.05E-04	1.26E-07	0.18	4.71E-02	1.09E-09	1,000,000	1.09E-03
31	2.88693	7.7056E-05	0.00022245	6.05E-04	1.35E-07	0.18	4.71E-02	1.16E-09	1,000,000	1.16E-03
32	3.03937	7.7056E-05	0.0002342	6.05E-04	1.42E-07	0.18	4.71E-02	1.22E-09	1,000,000	1.22E-03
33	3.16123	7.7056E-05	0.00024359	6.05E-04	1.47E-07	0.18	4.71E-02	1.27E-09	1,000,000	1.27E-03
34	3.25002	7.7056E-05	0.00025043	6.05E-04	1.52E-07	0.18	4.71E-02	1.31E-09	1,000,000	1.31E-03
35	3.30582	7.7056E-05	0.00025473	6.05E-04	1.54E-07	0.18	4.71E-02	1.33E-09	1,000,000	1.33E-03
36	3.32356	7.7056E-05	0.0002561	6.05E-04	1.55E-07	0.18	4.71E-02	1.34E-09	1,000,000	1.34E-03
37	2.17053	7.7056E-05	0.00016725	6.05E-04	1.01E-07	0.18	4.71E-02	8.75E-10	1,000,000	8.75E-04
38	2.418	7.7056E-05	0.00018632	6.05E-04	1.13E-07	0.18	4.71E-02	9.74E-10	1,000,000	9.74E-04
39	2.683	7.7056E-05	0.00020674	6.05E-04	1.25E-07	0.18	4.71E-02	1.08E-09	1,000,000	1.08E-03
40	2.94809	7.7056E-05	0.00022717	6.05E-04	1.37E-07	0.18	4.71E-02	1.19E-09	1,000,000	1.19E-03
41	3.19493	7.7056E-05	0.00024619	6.05E-04	1.49E-07	0.18	4.71E-02	1.29E-09	1,000,000	1.29E-03
42	3.40902	7.7056E-05	0.00026268	6.05E-04	1.59E-07	0.18	4.71E-02	1.37E-09	1,000,000	1.37E-03
43	3.5823	7.7056E-05	0.00027604	6.05E-04	1.67E-07	0.18	4.71E-02	1.44E-09	1,000,000	1.44E-03
44	3.71268	7.7056E-05	0.00028608	6.05E-04	1.73E-07	0.18	4.71E-02	1.50E-09	1,000,000	1.50E-03
45	3.8008	7.7056E-05	0.00029287	6.05E-04	1.77E-07	0.18	4.71E-02	1.53E-09	1,000,000	1.53E-03
46	3.84875	7.7056E-05	0.00029657	6.05E-04	1.79E-07	0.18	4.71E-02	1.55E-09	1,000,000	1.55E-03
47	3.85037	7.7056E-05	0.00029669	6.05E-04	1.80E-07	0.18	4.71E-02	1.55E-09	1,000,000	1.55E-03
48	2.50524	7.7056E-05	0.00019304	6.05E-04	1.17E-07	0.18	4.71E-02	1.01E-09	1,000,000	1.01E-03
49	2.83354	7.7056E-05	0.00021834	6.05E-04	1.32E-07	0.18	4.71E-02	1.14E-09	1,000,000	1.14E-03
50	3.18751	7.7056E-05	0.00024562	6.05E-04	1.49E-07	0.18	4.71E-02	1.28E-09	1,000,000	1.28E-03
51	3.536	7.7056E-05	0.00027247	6.05E-04	1.65E-07	0.18	4.71E-02	1.42E-09	1,000,000	1.42E-03
52	3.84753	7.7056E-05	0.00029647	6.05E-04	1.79E-07	0.18	4.71E-02	1.55E-09	1,000,000	1.55E-03
53	4.10132	7.7056E-05	0.00031603	6.05E-04	1.91E-07	0.18	4.71E-02	1.65E-09	1,000,000	1.65E-03
54	4.29171	7.7056E-05	0.0003307	6.05E-04	2.00E-07	0.18	4.71E-02	1.73E-09	1,000,000	1.73E-03
55	4.42414	7.7056E-05	0.0003409	6.05E-04	2.06E-07	0.18	4.71E-02	1.78E-09	1,000,000	1.78E-03
56	4.50557	7.7056E-05	0.00034718	6.05E-04	2.10E-07	0.18	4.71E-02	1.82E-09	1,000,000	1.82E-03
57	4.5402	7.7056E-05	0.00034985	6.05E-04	2.12E-07	0.18	4.71E-02	1.83E-09	1,000,000	1.83E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	4.51816	7.7056E-05	0.00034815	6.05E-04	2.11E-07	0.18	4.71E-02	1.82E-09	1,000,000	1.82E-03
59	2.94373	7.7056E-05	0.00022683	6.05E-04	1.37E-07	0.18	4.71E-02	1.19E-09	1,000,000	1.19E-03
60	3.39869	7.7056E-05	0.00026189	6.05E-04	1.58E-07	0.18	4.71E-02	1.37E-09	1,000,000	1.37E-03
61	3.89216	7.7056E-05	0.00029991	6.05E-04	1.81E-07	0.18	4.71E-02	1.57E-09	1,000,000	1.57E-03
62	4.36309	7.7056E-05	0.0003362	6.05E-04	2.03E-07	0.18	4.71E-02	1.76E-09	1,000,000	1.76E-03
63	4.75641	7.7056E-05	0.00036651	6.05E-04	2.22E-07	0.18	4.71E-02	1.92E-09	1,000,000	1.92E-03
64	5.0475	7.7056E-05	0.00038894	6.05E-04	2.35E-07	0.18	4.71E-02	2.03E-09	1,000,000	2.03E-03
65	5.24307	7.7056E-05	0.00040401	6.05E-04	2.44E-07	0.18	4.71E-02	2.11E-09	1,000,000	2.11E-03
66	5.36582	7.7056E-05	0.00041347	6.05E-04	2.50E-07	0.18	4.71E-02	2.16E-09	1,000,000	2.16E-03
67	5.43278	7.7056E-05	0.00041863	6.05E-04	2.53E-07	0.18	4.71E-02	2.19E-09	1,000,000	2.19E-03
68	5.4477	7.7056E-05	0.00041978	6.05E-04	2.54E-07	0.18	4.71E-02	2.20E-09	1,000,000	2.20E-03
69	5.39098	7.7056E-05	0.0004154	6.05E-04	2.51E-07	0.18	4.71E-02	2.17E-09	1,000,000	2.17E-03
70	3.54452	7.7056E-05	0.00027312	6.05E-04	1.65E-07	0.18	4.71E-02	1.43E-09	1,000,000	1.43E-03
71	4.21646	7.7056E-05	0.0003249	6.05E-04	1.97E-07	0.18	4.71E-02	1.70E-09	1,000,000	1.70E-03
72	4.94568	7.7056E-05	0.00038109	6.05E-04	2.31E-07	0.18	4.71E-02	1.99E-09	1,000,000	1.99E-03
73	5.59852	7.7056E-05	0.0004314	6.05E-04	2.61E-07	0.18	4.71E-02	2.26E-09	1,000,000	2.26E-03
74	6.08349	7.7056E-05	0.00046877	6.05E-04	2.84E-07	0.18	4.71E-02	2.45E-09	1,000,000	2.45E-03
75	6.39172	7.7056E-05	0.00049252	6.05E-04	2.98E-07	0.18	4.71E-02	2.58E-09	1,000,000	2.58E-03
76	6.56587	7.7056E-05	0.00050594	6.05E-04	3.06E-07	0.18	4.71E-02	2.65E-09	1,000,000	2.65E-03
77	6.66115	7.7056E-05	0.00051328	6.05E-04	3.11E-07	0.18	4.71E-02	2.68E-09	1,000,000	2.68E-03
78	6.70572	7.7056E-05	0.00051671	6.05E-04	3.13E-07	0.18	4.71E-02	2.70E-09	1,000,000	2.70E-03
79	6.69281	7.7056E-05	0.00051572	6.05E-04	3.12E-07	0.18	4.71E-02	2.70E-09	1,000,000	2.70E-03
80	6.58143	7.7056E-05	0.00050714	6.05E-04	3.07E-07	0.18	4.71E-02	2.65E-09	1,000,000	2.65E-03
81	4.42277	7.7056E-05	0.0003408	6.05E-04	2.06E-07	0.18	4.71E-02	1.78E-09	1,000,000	1.78E-03
82	5.52053	7.7056E-05	0.00042539	6.05E-04	2.57E-07	0.18	4.71E-02	2.22E-09	1,000,000	2.22E-03
83	6.68798	7.7056E-05	0.00051535	6.05E-04	3.12E-07	0.18	4.71E-02	2.70E-09	1,000,000	2.70E-03
84	7.59971	7.7056E-05	0.0005856	6.05E-04	3.54E-07	0.18	4.71E-02	3.06E-09	1,000,000	3.06E-03
85	8.14976	7.7056E-05	0.00062798	6.05E-04	3.80E-07	0.18	4.71E-02	3.28E-09	1,000,000	3.28E-03
86	8.41387	7.7056E-05	0.00064834	6.05E-04	3.92E-07	0.18	4.71E-02	3.39E-09	1,000,000	3.39E-03
87	8.51414	7.7056E-05	0.00065606	6.05E-04	3.97E-07	0.18	4.71E-02	3.43E-09	1,000,000	3.43E-03
88	8.56034	7.7056E-05	0.00065962	6.05E-04	3.99E-07	0.18	4.71E-02	3.45E-09	1,000,000	3.45E-03
89	8.57813	7.7056E-05	0.00066099	6.05E-04	4.00E-07	0.18	4.71E-02	3.46E-09	1,000,000	3.46E-03
90	8.51956	7.7056E-05	0.00065648	6.05E-04	3.97E-07	0.18	4.71E-02	3.43E-09	1,000,000	3.43E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.30492	7.7056E-05	0.00063994	6.05E-04	3.87E-07	0.18	4.71E-02	3.35E-09	1,000,000	3.35E-03
92	5.83733	7.7056E-05	0.0004498	6.05E-04	2.72E-07	0.18	4.71E-02	2.35E-09	1,000,000	2.35E-03
93	7.98048	7.7056E-05	0.00061494	6.05E-04	3.72E-07	0.18	4.71E-02	3.22E-09	1,000,000	3.22E-03
94	10.03914	7.7056E-05	0.00077357	6.05E-04	4.68E-07	0.18	4.71E-02	4.05E-09	1,000,000	4.05E-03
95	11.23943	7.7056E-05	0.00086606	6.05E-04	5.24E-07	0.18	4.71E-02	4.53E-09	1,000,000	4.53E-03
96	11.72785	7.7056E-05	0.0009037	6.05E-04	5.47E-07	0.18	4.71E-02	4.73E-09	1,000,000	4.73E-03
97	11.7791	7.7056E-05	0.00090765	6.05E-04	5.49E-07	0.18	4.71E-02	4.75E-09	1,000,000	4.75E-03
98	11.69577	7.7056E-05	0.00090122	6.05E-04	5.45E-07	0.18	4.71E-02	4.71E-09	1,000,000	4.71E-03
99	11.67777	7.7056E-05	0.00089984	6.05E-04	5.44E-07	0.18	4.71E-02	4.71E-09	1,000,000	4.71E-03
100	11.66839	7.7056E-05	0.00089911	6.05E-04	5.44E-07	0.18	4.71E-02	4.70E-09	1,000,000	4.70E-03
101	11.49188	7.7056E-05	0.00088551	6.05E-04	5.36E-07	0.18	4.71E-02	4.63E-09	1,000,000	4.63E-03
102	11.02518	7.7056E-05	0.00084955	6.05E-04	5.14E-07	0.18	4.71E-02	4.44E-09	1,000,000	4.44E-03
103	14.19189	7.7056E-05	0.00109356	6.05E-04	6.62E-07	0.18	4.71E-02	5.72E-09	1,000,000	5.72E-03
104	14.49659	7.7056E-05	0.00111704	6.05E-04	6.76E-07	0.18	4.71E-02	5.84E-09	1,000,000	5.84E-03
105	15.0236	7.7056E-05	0.00115765	6.05E-04	7.00E-07	0.18	4.71E-02	6.05E-09	1,000,000	6.05E-03
106	14.85746	7.7056E-05	0.00114485	6.05E-04	6.93E-07	0.18	4.71E-02	5.99E-09	1,000,000	5.99E-03
107	15.54266	7.7056E-05	0.00119765	6.05E-04	7.25E-07	0.18	4.71E-02	6.26E-09	1,000,000	6.26E-03
108	15.57155	7.7056E-05	0.00119987	6.05E-04	7.26E-07	0.18	4.71E-02	6.27E-09	1,000,000	6.27E-03
109	17.26157	7.7056E-05	0.0013301	6.05E-04	8.05E-07	0.18	4.71E-02	6.96E-09	1,000,000	6.96E-03
110	15.98034	7.7056E-05	0.00123137	6.05E-04	7.45E-07	0.18	4.71E-02	6.44E-09	1,000,000	6.44E-03
111	13.14188	7.7056E-05	0.00101265	6.05E-04	6.13E-07	0.18	4.71E-02	5.30E-09	1,000,000	5.30E-03
112	9.63844	7.7056E-05	0.0007427	6.05E-04	4.49E-07	0.18	4.71E-02	3.88E-09	1,000,000	3.88E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.90656	7.7056E-05	0.00014691	2.50E-04	3.68E-08	0.18	1.57E-02	1.06E-10	1,000,000	1.06E-04
27	2.09918	7.7056E-05	0.00016175	2.50E-04	4.05E-08	0.18	1.57E-02	1.17E-10	1,000,000	1.17E-04
28	2.30413	7.7056E-05	0.00017755	2.50E-04	4.44E-08	0.18	1.57E-02	1.28E-10	1,000,000	1.28E-04
29	2.5109	7.7056E-05	0.00019348	2.50E-04	4.84E-08	0.18	1.57E-02	1.40E-10	1,000,000	1.40E-04
30	2.70838	7.7056E-05	0.0002087	2.50E-04	5.22E-08	0.18	1.57E-02	1.50E-10	1,000,000	1.50E-04
31	2.88693	7.7056E-05	0.00022245	2.50E-04	5.57E-08	0.18	1.57E-02	1.60E-10	1,000,000	1.60E-04
32	3.03937	7.7056E-05	0.0002342	2.50E-04	5.86E-08	0.18	1.57E-02	1.69E-10	1,000,000	1.69E-04
33	3.16123	7.7056E-05	0.00024359	2.50E-04	6.10E-08	0.18	1.57E-02	1.76E-10	1,000,000	1.76E-04
34	3.25002	7.7056E-05	0.00025043	2.50E-04	6.27E-08	0.18	1.57E-02	1.81E-10	1,000,000	1.81E-04
35	3.30582	7.7056E-05	0.00025473	2.50E-04	6.38E-08	0.18	1.57E-02	1.84E-10	1,000,000	1.84E-04
36	3.32356	7.7056E-05	0.0002561	2.50E-04	6.41E-08	0.18	1.57E-02	1.85E-10	1,000,000	1.85E-04
37	2.17053	7.7056E-05	0.00016725	2.50E-04	4.19E-08	0.18	1.57E-02	1.21E-10	1,000,000	1.21E-04
38	2.418	7.7056E-05	0.00018632	2.50E-04	4.66E-08	0.18	1.57E-02	1.34E-10	1,000,000	1.34E-04
39	2.683	7.7056E-05	0.00020674	2.50E-04	5.17E-08	0.18	1.57E-02	1.49E-10	1,000,000	1.49E-04
40	2.94809	7.7056E-05	0.00022717	2.50E-04	5.69E-08	0.18	1.57E-02	1.64E-10	1,000,000	1.64E-04
41	3.19493	7.7056E-05	0.00024619	2.50E-04	6.16E-08	0.18	1.57E-02	1.78E-10	1,000,000	1.78E-04
42	3.40902	7.7056E-05	0.00026268	2.50E-04	6.57E-08	0.18	1.57E-02	1.89E-10	1,000,000	1.89E-04
43	3.5823	7.7056E-05	0.00027604	2.50E-04	6.91E-08	0.18	1.57E-02	1.99E-10	1,000,000	1.99E-04
44	3.71268	7.7056E-05	0.00028608	2.50E-04	7.16E-08	0.18	1.57E-02	2.06E-10	1,000,000	2.06E-04
45	3.8008	7.7056E-05	0.00029287	2.50E-04	7.33E-08	0.18	1.57E-02	2.11E-10	1,000,000	2.11E-04
46	3.84875	7.7056E-05	0.00029657	2.50E-04	7.42E-08	0.18	1.57E-02	2.14E-10	1,000,000	2.14E-04
47	3.85037	7.7056E-05	0.00029669	2.50E-04	7.43E-08	0.18	1.57E-02	2.14E-10	1,000,000	2.14E-04
48	2.50524	7.7056E-05	0.00019304	2.50E-04	4.83E-08	0.18	1.57E-02	1.39E-10	1,000,000	1.39E-04
49	2.83354	7.7056E-05	0.00021834	2.50E-04	5.46E-08	0.18	1.57E-02	1.57E-10	1,000,000	1.57E-04
50	3.18751	7.7056E-05	0.00024562	2.50E-04	6.15E-08	0.18	1.57E-02	1.77E-10	1,000,000	1.77E-04
51	3.536	7.7056E-05	0.00027247	2.50E-04	6.82E-08	0.18	1.57E-02	1.96E-10	1,000,000	1.96E-04
52	3.84753	7.7056E-05	0.00029647	2.50E-04	7.42E-08	0.18	1.57E-02	2.14E-10	1,000,000	2.14E-04
53	4.10132	7.7056E-05	0.00031603	2.50E-04	7.91E-08	0.18	1.57E-02	2.28E-10	1,000,000	2.28E-04
54	4.29171	7.7056E-05	0.0003307	2.50E-04	8.28E-08	0.18	1.57E-02	2.38E-10	1,000,000	2.38E-04
55	4.42414	7.7056E-05	0.0003409	2.50E-04	8.53E-08	0.18	1.57E-02	2.46E-10	1,000,000	2.46E-04
56	4.50557	7.7056E-05	0.00034718	2.50E-04	8.69E-08	0.18	1.57E-02	2.50E-10	1,000,000	2.50E-04
57	4.5402	7.7056E-05	0.00034985	2.50E-04	8.76E-08	0.18	1.57E-02	2.52E-10	1,000,000	2.52E-04
58	4.51816	7.7056E-05	0.00034815	2.50E-04	8.71E-08	0.18	1.57E-02	2.51E-10	1,000,000	2.51E-04
59	2.94373	7.7056E-05	0.00022683	2.50E-04	5.68E-08	0.18	1.57E-02	1.64E-10	1,000,000	1.64E-04
60	3.39869	7.7056E-05	0.00026189	2.50E-04	6.55E-08	0.18	1.57E-02	1.89E-10	1,000,000	1.89E-04
61	3.89216	7.7056E-05	0.00029991	2.50E-04	7.51E-08	0.18	1.57E-02	2.16E-10	1,000,000	2.16E-04
62	4.36309	7.7056E-05	0.0003362	2.50E-04	8.41E-08	0.18	1.57E-02	2.42E-10	1,000,000	2.42E-04
63	4.75641	7.7056E-05	0.00036651	2.50E-04	9.17E-08	0.18	1.57E-02	2.64E-10	1,000,000	2.64E-04
64	5.0475	7.7056E-05	0.00038894	2.50E-04	9.73E-08	0.18	1.57E-02	2.80E-10	1,000,000	2.80E-04
65	5.24307	7.7056E-05	0.00040401	2.50E-04	1.01E-07	0.18	1.57E-02	2.91E-10	1,000,000	2.91E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	5.36582	7.7056E-05	0.00041347	2.50E-04	1.03E-07	0.18	1.57E-02	2.98E-10	1,000,000	2.98E-04
67	5.43278	7.7056E-05	0.00041863	2.50E-04	1.05E-07	0.18	1.57E-02	3.02E-10	1,000,000	3.02E-04
68	5.4477	7.7056E-05	0.00041978	2.50E-04	1.05E-07	0.18	1.57E-02	3.03E-10	1,000,000	3.03E-04
69	5.39098	7.7056E-05	0.0004154	2.50E-04	1.04E-07	0.18	1.57E-02	3.00E-10	1,000,000	3.00E-04
70	3.54452	7.7056E-05	0.00027312	2.50E-04	6.84E-08	0.18	1.57E-02	1.97E-10	1,000,000	1.97E-04
71	4.21646	7.7056E-05	0.0003249	2.50E-04	8.13E-08	0.18	1.57E-02	2.34E-10	1,000,000	2.34E-04
72	4.94568	7.7056E-05	0.00038109	2.50E-04	9.54E-08	0.18	1.57E-02	2.75E-10	1,000,000	2.75E-04
73	5.59852	7.7056E-05	0.0004314	2.50E-04	1.08E-07	0.18	1.57E-02	3.11E-10	1,000,000	3.11E-04
74	6.08349	7.7056E-05	0.00046877	2.50E-04	1.17E-07	0.18	1.57E-02	3.38E-10	1,000,000	3.38E-04
75	6.39172	7.7056E-05	0.00049252	2.50E-04	1.23E-07	0.18	1.57E-02	3.55E-10	1,000,000	3.55E-04
76	6.56587	7.7056E-05	0.00050594	2.50E-04	1.27E-07	0.18	1.57E-02	3.65E-10	1,000,000	3.65E-04
77	6.66115	7.7056E-05	0.00051328	2.50E-04	1.28E-07	0.18	1.57E-02	3.70E-10	1,000,000	3.70E-04
78	6.70572	7.7056E-05	0.00051671	2.50E-04	1.29E-07	0.18	1.57E-02	3.73E-10	1,000,000	3.73E-04
79	6.69281	7.7056E-05	0.00051572	2.50E-04	1.29E-07	0.18	1.57E-02	3.72E-10	1,000,000	3.72E-04
80	6.58143	7.7056E-05	0.00050714	2.50E-04	1.27E-07	0.18	1.57E-02	3.66E-10	1,000,000	3.66E-04
81	4.42277	7.7056E-05	0.0003408	2.50E-04	8.53E-08	0.18	1.57E-02	2.46E-10	1,000,000	2.46E-04
82	5.52053	7.7056E-05	0.00042539	2.50E-04	1.06E-07	0.18	1.57E-02	3.07E-10	1,000,000	3.07E-04
83	6.68798	7.7056E-05	0.00051535	2.50E-04	1.29E-07	0.18	1.57E-02	3.72E-10	1,000,000	3.72E-04
84	7.59971	7.7056E-05	0.0005856	2.50E-04	1.47E-07	0.18	1.57E-02	4.22E-10	1,000,000	4.22E-04
85	8.14976	7.7056E-05	0.00062798	2.50E-04	1.57E-07	0.18	1.57E-02	4.53E-10	1,000,000	4.53E-04
86	8.41387	7.7056E-05	0.00064834	2.50E-04	1.62E-07	0.18	1.57E-02	4.67E-10	1,000,000	4.67E-04
87	8.51414	7.7056E-05	0.00065606	2.50E-04	1.64E-07	0.18	1.57E-02	4.73E-10	1,000,000	4.73E-04
88	8.56034	7.7056E-05	0.00065962	2.50E-04	1.65E-07	0.18	1.57E-02	4.76E-10	1,000,000	4.76E-04
89	8.57813	7.7056E-05	0.00066099	2.50E-04	1.65E-07	0.18	1.57E-02	4.77E-10	1,000,000	4.77E-04
90	8.51956	7.7056E-05	0.00065648	2.50E-04	1.64E-07	0.18	1.57E-02	4.73E-10	1,000,000	4.73E-04
91	8.30492	7.7056E-05	0.00063994	2.50E-04	1.60E-07	0.18	1.57E-02	4.61E-10	1,000,000	4.61E-04
92	5.83733	7.7056E-05	0.0004498	2.50E-04	1.13E-07	0.18	1.57E-02	3.24E-10	1,000,000	3.24E-04
93	7.98048	7.7056E-05	0.00061494	2.50E-04	1.54E-07	0.18	1.57E-02	4.43E-10	1,000,000	4.43E-04
94	10.03914	7.7056E-05	0.00077357	2.50E-04	1.94E-07	0.18	1.57E-02	5.58E-10	1,000,000	5.58E-04
95	11.23943	7.7056E-05	0.00086606	2.50E-04	2.17E-07	0.18	1.57E-02	6.24E-10	1,000,000	6.24E-04
96	11.72785	7.7056E-05	0.0009037	2.50E-04	2.26E-07	0.18	1.57E-02	6.52E-10	1,000,000	6.52E-04
97	11.7791	7.7056E-05	0.00090765	2.50E-04	2.27E-07	0.18	1.57E-02	6.54E-10	1,000,000	6.54E-04
98	11.69577	7.7056E-05	0.00090122	2.50E-04	2.26E-07	0.18	1.57E-02	6.50E-10	1,000,000	6.50E-04
99	11.67777	7.7056E-05	0.00089984	2.50E-04	2.25E-07	0.18	1.57E-02	6.49E-10	1,000,000	6.49E-04
100	11.66839	7.7056E-05	0.00089911	2.50E-04	2.25E-07	0.18	1.57E-02	6.48E-10	1,000,000	6.48E-04
101	11.49188	7.7056E-05	0.00088551	2.50E-04	2.22E-07	0.18	1.57E-02	6.38E-10	1,000,000	6.38E-04
102	11.02518	7.7056E-05	0.00084955	2.50E-04	2.13E-07	0.18	1.57E-02	6.13E-10	1,000,000	6.13E-04
103	14.19189	7.7056E-05	0.00109356	2.50E-04	2.74E-07	0.18	1.57E-02	7.88E-10	1,000,000	7.88E-04
104	14.49659	7.7056E-05	0.00111704	2.50E-04	2.80E-07	0.18	1.57E-02	8.05E-10	1,000,000	8.05E-04
105	15.0236	7.7056E-05	0.00115765	2.50E-04	2.90E-07	0.18	1.57E-02	8.35E-10	1,000,000	8.35E-04
106	14.85746	7.7056E-05	0.00114485	2.50E-04	2.87E-07	0.18	1.57E-02	8.25E-10	1,000,000	8.25E-04
107	15.54266	7.7056E-05	0.00119765	2.50E-04	3.00E-07	0.18	1.57E-02	8.64E-10	1,000,000	8.64E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Cancer Risk From Demo1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	15.57155	7.7056E-05	0.00119987	2.50E-04	3.00E-07	0.18	1.57E-02	8.65E-10	1,000,000	8.65E-04
109	17.26157	7.7056E-05	0.0013301	2.50E-04	3.33E-07	0.18	1.57E-02	9.59E-10	1,000,000	9.59E-04
110	15.98034	7.7056E-05	0.00123137	2.50E-04	3.08E-07	0.18	1.57E-02	8.88E-10	1,000,000	8.88E-04
111	13.14188	7.7056E-05	0.00101265	2.50E-04	2.53E-07	0.18	1.57E-02	7.30E-10	1,000,000	7.30E-04
112	9.63844	7.7056E-05	0.0007427	2.50E-04	1.86E-07	0.18	1.57E-02	5.36E-10	1,000,000	5.36E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						Residential Receptors				
1	0.11003	8.43E-06	9.27E-07	1.05E-03	9.69E-10	0.18	1.57E-01	2.79E-11	1,000,000	2.8E-05
2	0.11521	8.428E-06	9.71E-07	1.05E-03	1.01E-09	0.18	1.57E-01	2.92E-11	1,000,000	2.92E-05
3	0.12094	8.428E-06	1.02E-06	1.05E-03	1.07E-09	0.18	1.57E-01	3.07E-11	1,000,000	3.07E-05
4	0.12702	8.428E-06	1.07E-06	1.05E-03	1.12E-09	0.18	1.57E-01	3.22E-11	1,000,000	3.22E-05
5	0.13373	8.428E-06	1.13E-06	1.05E-03	1.18E-09	0.18	1.57E-01	3.39E-11	1,000,000	3.39E-05
6	0.10862	8.428E-06	9.15E-07	1.05E-03	9.57E-10	0.18	1.57E-01	2.76E-11	1,000,000	2.76E-05
7	0.11368	8.428E-06	9.58E-07	1.05E-03	1.00E-09	0.18	1.57E-01	2.88E-11	1,000,000	2.88E-05
8	0.1192	8.428E-06	1.00E-06	1.05E-03	1.05E-09	0.18	1.57E-01	3.03E-11	1,000,000	3.03E-05
9	0.12536	8.428E-06	1.06E-06	1.05E-03	1.10E-09	0.18	1.57E-01	3.18E-11	1,000,000	3.18E-05
10	0.13191	8.428E-06	1.11E-06	1.05E-03	1.16E-09	0.18	1.57E-01	3.35E-11	1,000,000	3.35E-05
11	0.10716	8.428E-06	9.03E-07	1.05E-03	9.44E-10	0.18	1.57E-01	2.72E-11	1,000,000	2.72E-05
12	0.11215	8.428E-06	9.45E-07	1.05E-03	9.88E-10	0.18	1.57E-01	2.85E-11	1,000,000	2.85E-05
13	0.11761	8.428E-06	9.91E-07	1.05E-03	1.04E-09	0.18	1.57E-01	2.98E-11	1,000,000	2.98E-05
14	0.1237	8.428E-06	1.04E-06	1.05E-03	1.09E-09	0.18	1.57E-01	3.14E-11	1,000,000	3.14E-05
15	0.13015	8.428E-06	1.10E-06	1.05E-03	1.15E-09	0.18	1.57E-01	3.30E-11	1,000,000	3.30E-05
16	0.10576	8.428E-06	8.91E-07	1.05E-03	9.32E-10	0.18	1.57E-01	2.68E-11	1,000,000	2.68E-05
17	0.11072	8.428E-06	9.33E-07	1.05E-03	9.75E-10	0.18	1.57E-01	2.81E-11	1,000,000	2.81E-05
18	0.11607	8.428E-06	9.78E-07	1.05E-03	1.02E-09	0.18	1.57E-01	2.95E-11	1,000,000	2.95E-05
19	0.12182	8.428E-06	1.03E-06	1.05E-03	1.07E-09	0.18	1.57E-01	3.09E-11	1,000,000	3.09E-05
20	0.1282	8.428E-06	1.08E-06	1.05E-03	1.13E-09	0.18	1.57E-01	3.25E-11	1,000,000	3.25E-05
21	0.10446	8.428E-06	8.80E-07	1.05E-03	9.20E-10	0.18	1.57E-01	2.65E-11	1,000,000	2.65E-05
22	0.10932	8.428E-06	9.21E-07	1.05E-03	9.63E-10	0.18	1.57E-01	2.77E-11	1,000,000	2.77E-05
23	0.11459	8.428E-06	9.66E-07	1.05E-03	1.01E-09	0.18	1.57E-01	2.91E-11	1,000,000	2.91E-05
24	0.12028	8.428E-06	1.01E-06	1.05E-03	1.06E-09	0.18	1.57E-01	3.05E-11	1,000,000	3.05E-05
25	0.12636	8.428E-06	1.06E-06	1.05E-03	1.11E-09	0.18	1.57E-01	3.21E-11	1,000,000	3.21E-05
113	1.12358	8.428E-06	9.47E-06	1.05E-03	9.90E-09	0.18	1.57E-01	2.85E-10	1,000,000	2.85E-04
114	0.97242	8.428E-06	8.20E-06	1.05E-03	8.57E-09	0.18	1.57E-01	2.47E-10	1,000,000	2.47E-04
115	0.85076	8.428E-06	7.17E-06	1.05E-03	7.49E-09	0.18	1.57E-01	2.16E-10	1,000,000	2.16E-04
116	0.75155	8.428E-06	6.33E-06	1.05E-03	6.62E-09	0.18	1.57E-01	1.91E-10	1,000,000	1.91E-04
117	1.12954	8.428E-06	9.52E-06	1.05E-03	9.95E-09	0.18	1.57E-01	2.87E-10	1,000,000	2.87E-04
118	0.97539	8.428E-06	8.22E-06	1.05E-03	8.59E-09	0.18	1.57E-01	2.48E-10	1,000,000	2.48E-04
119	0.85219	8.428E-06	7.18E-06	1.05E-03	7.51E-09	0.18	1.57E-01	2.16E-10	1,000,000	2.16E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.7522	8.428E-06	6.34E-06	1.05E-03	6.63E-09	0.18	1.57E-01	1.91E-10	1,000,000	1.91E-04
121	1.13017	8.428E-06	9.53E-06	1.05E-03	9.96E-09	0.18	1.57E-01	2.87E-10	1,000,000	2.87E-04
122	0.97483	8.428E-06	8.22E-06	1.05E-03	8.59E-09	0.18	1.57E-01	2.47E-10	1,000,000	2.47E-04
123	0.85116	8.428E-06	7.17E-06	1.05E-03	7.50E-09	0.18	1.57E-01	2.16E-10	1,000,000	2.16E-04
124	0.75101	8.428E-06	6.33E-06	1.05E-03	6.62E-09	0.18	1.57E-01	1.91E-10	1,000,000	1.91E-04
125	1.12547	8.428E-06	9.49E-06	1.05E-03	9.91E-09	0.18	1.57E-01	2.86E-10	1,000,000	2.86E-04
126	0.97046	8.428E-06	8.18E-06	1.05E-03	8.55E-09	0.18	1.57E-01	2.46E-10	1,000,000	2.46E-04
127	0.84721	8.428E-06	7.14E-06	1.05E-03	7.46E-09	0.18	1.57E-01	2.15E-10	1,000,000	2.15E-04
128	0.74746	8.428E-06	6.30E-06	1.05E-03	6.58E-09	0.18	1.57E-01	1.90E-10	1,000,000	1.90E-04
129	1.11497	8.428E-06	9.40E-06	1.05E-03	9.82E-09	0.18	1.57E-01	2.83E-10	1,000,000	2.83E-04
130	0.96172	8.428E-06	8.11E-06	1.05E-03	8.47E-09	0.18	1.57E-01	2.44E-10	1,000,000	2.44E-04
131	0.83981	8.428E-06	7.08E-06	1.05E-03	7.40E-09	0.18	1.57E-01	2.13E-10	1,000,000	2.13E-04
132	0.74109	8.428E-06	6.25E-06	1.05E-03	6.53E-09	0.18	1.57E-01	1.88E-10	1,000,000	1.88E-04
133	1.09734	8.428E-06	9.25E-06	1.05E-03	9.67E-09	0.18	1.57E-01	2.78E-10	1,000,000	2.78E-04
134	0.94768	8.428E-06	7.99E-06	1.05E-03	8.35E-09	0.18	1.57E-01	2.41E-10	1,000,000	2.41E-04
135	0.82832	8.428E-06	6.98E-06	1.05E-03	7.30E-09	0.18	1.57E-01	2.10E-10	1,000,000	2.10E-04
136	0.73148	8.428E-06	6.16E-06	1.05E-03	6.44E-09	0.18	1.57E-01	1.86E-10	1,000,000	1.86E-04
137	1.07058	8.428E-06	9.02E-06	1.05E-03	9.43E-09	0.18	1.57E-01	2.72E-10	1,000,000	2.72E-04
138	0.81199	8.428E-06	6.84E-06	1.05E-03	7.15E-09	0.18	1.57E-01	2.06E-10	1,000,000	2.06E-04
139	0.71822	8.428E-06	6.05E-06	1.05E-03	6.33E-09	0.18	1.57E-01	1.82E-10	1,000,000	1.82E-04
140	0.92523	8.428E-06	7.80E-06	1.05E-03	8.15E-09	0.18	1.57E-01	2.35E-10	1,000,000	2.35E-04
141	0.8165	8.428E-06	6.88E-06	1.05E-03	7.19E-09	0.18	1.57E-01	2.07E-10	1,000,000	2.07E-04
142	0.72655	8.428E-06	6.12E-06	1.05E-03	6.40E-09	0.18	1.57E-01	1.84E-10	1,000,000	1.84E-04
143	0.65112	8.428E-06	5.49E-06	1.05E-03	5.74E-09	0.18	1.57E-01	1.65E-10	1,000,000	1.65E-04
144	0.86062	8.428E-06	7.25E-06	1.05E-03	7.58E-09	0.18	1.57E-01	2.18E-10	1,000,000	2.18E-04
145	0.76571	8.428E-06	6.45E-06	1.05E-03	6.75E-09	0.18	1.57E-01	1.94E-10	1,000,000	1.94E-04
146	0.68642	8.428E-06	5.79E-06	1.05E-03	6.05E-09	0.18	1.57E-01	1.74E-10	1,000,000	1.74E-04
147	0.61925	8.428E-06	5.22E-06	1.05E-03	5.45E-09	0.18	1.57E-01	1.57E-10	1,000,000	1.57E-04
148	0.79377	8.428E-06	6.69E-06	1.05E-03	6.99E-09	0.18	1.57E-01	2.01E-10	1,000,000	2.01E-04
149	0.71174	8.428E-06	6.00E-06	1.05E-03	6.27E-09	0.18	1.57E-01	1.81E-10	1,000,000	1.81E-04
150	0.64272	8.428E-06	5.42E-06	1.05E-03	5.66E-09	0.18	1.57E-01	1.63E-10	1,000,000	1.63E-04
151	0.58381	8.428E-06	4.92E-06	1.05E-03	5.14E-09	0.18	1.57E-01	1.48E-10	1,000,000	1.48E-04
152	0.72856	8.428E-06	6.14E-06	1.05E-03	6.42E-09	0.18	1.57E-01	1.85E-10	1,000,000	1.85E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.65762	8.428E-06	5.54E-06	1.05E-03	5.79E-09	0.18	1.57E-01	1.67E-10	1,000,000	1.67E-04
154	0.5977	8.428E-06	5.04E-06	1.05E-03	5.27E-09	0.18	1.57E-01	1.52E-10	1,000,000	1.52E-04
155	0.54637	8.428E-06	4.60E-06	1.05E-03	4.81E-09	0.18	1.57E-01	1.39E-10	1,000,000	1.39E-04
156	0.6686	8.428E-06	5.63E-06	1.05E-03	5.89E-09	0.18	1.57E-01	1.70E-10	1,000,000	1.70E-04
157	0.6064	8.428E-06	5.11E-06	1.05E-03	5.34E-09	0.18	1.57E-01	1.54E-10	1,000,000	1.54E-04
158	0.55386	8.428E-06	4.67E-06	1.05E-03	4.88E-09	0.18	1.57E-01	1.41E-10	1,000,000	1.41E-04
159	0.50887	8.428E-06	4.29E-06	1.05E-03	4.48E-09	0.18	1.57E-01	1.29E-10	1,000,000	1.29E-04
160	0.61617	8.428E-06	5.19E-06	1.05E-03	5.43E-09	0.18	1.57E-01	1.56E-10	1,000,000	1.56E-04
161	0.56045	8.428E-06	4.72E-06	1.05E-03	4.94E-09	0.18	1.57E-01	1.42E-10	1,000,000	1.42E-04
162	0.51344	8.428E-06	4.33E-06	1.05E-03	4.52E-09	0.18	1.57E-01	1.30E-10	1,000,000	1.30E-04
163	0.47317	8.428E-06	3.99E-06	1.05E-03	4.17E-09	0.18	1.57E-01	1.20E-10	1,000,000	1.20E-04
164	0.57157	8.428E-06	4.82E-06	1.05E-03	5.03E-09	0.18	1.57E-01	1.45E-10	1,000,000	1.45E-04
165	0.52081	8.428E-06	4.39E-06	1.05E-03	4.59E-09	0.18	1.57E-01	1.32E-10	1,000,000	1.32E-04
166	0.4772	8.428E-06	4.02E-06	1.05E-03	4.20E-09	0.18	1.57E-01	1.21E-10	1,000,000	1.21E-04
167	0.44054	8.428E-06	3.71E-06	1.05E-03	3.88E-09	0.18	1.57E-01	1.12E-10	1,000,000	1.12E-04
168	0.53345	8.428E-06	4.50E-06	1.05E-03	4.70E-09	0.18	1.57E-01	1.35E-10	1,000,000	1.35E-04
169	0.48706	8.428E-06	4.10E-06	1.05E-03	4.29E-09	0.18	1.57E-01	1.24E-10	1,000,000	1.24E-04
170	0.44664	8.428E-06	3.76E-06	1.05E-03	3.93E-09	0.18	1.57E-01	1.13E-10	1,000,000	1.13E-04
171	0.41271	8.428E-06	3.48E-06	1.05E-03	3.64E-09	0.18	1.57E-01	1.05E-10	1,000,000	1.05E-04
172	0.49995	8.428E-06	4.21E-06	1.05E-03	4.40E-09	0.18	1.57E-01	1.27E-10	1,000,000	1.27E-04
173	0.45788	8.428E-06	3.86E-06	1.05E-03	4.03E-09	0.18	1.57E-01	1.16E-10	1,000,000	1.16E-04
174	0.42066	8.428E-06	3.55E-06	1.05E-03	3.71E-09	0.18	1.57E-01	1.07E-10	1,000,000	1.07E-04
175	0.38888	8.428E-06	3.28E-06	1.05E-03	3.43E-09	0.18	1.57E-01	9.87E-11	1,000,000	9.87E-05
176	0.46957	8.428E-06	3.96E-06	1.05E-03	4.14E-09	0.18	1.57E-01	1.19E-10	1,000,000	1.19E-04
177	0.43187	8.428E-06	3.64E-06	1.05E-03	3.80E-09	0.18	1.57E-01	1.10E-10	1,000,000	1.10E-04
178	0.39787	8.428E-06	3.35E-06	1.05E-03	3.50E-09	0.18	1.57E-01	1.01E-10	1,000,000	1.01E-04
179	0.36832	8.428E-06	3.10E-06	1.05E-03	3.24E-09	0.18	1.57E-01	9.35E-11	1,000,000	9.35E-05
180	0.44141	8.428E-06	3.72E-06	1.05E-03	3.89E-09	0.18	1.57E-01	1.12E-10	1,000,000	1.12E-04
181	0.40781	8.428E-06	3.44E-06	1.05E-03	3.59E-09	0.18	1.57E-01	1.03E-10	1,000,000	1.03E-04
182	0.37725	8.428E-06	3.18E-06	1.05E-03	3.32E-09	0.18	1.57E-01	9.57E-11	1,000,000	9.57E-05
183	0.35013	8.428E-06	2.95E-06	1.05E-03	3.08E-09	0.18	1.57E-01	8.89E-11	1,000,000	8.89E-05
184	0.58184	8.428E-06	4.90E-06	1.05E-03	5.13E-09	0.18	1.57E-01	1.48E-10	1,000,000	1.48E-04
185	0.50311	8.428E-06	4.24E-06	1.05E-03	4.43E-09	0.18	1.57E-01	1.28E-10	1,000,000	1.28E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.46578	8.428E-06	3.93E-06	1.05E-03	4.10E-09	0.18	1.57E-01	1.18E-10	1,000,000	1.18E-04
187	0.43135	8.428E-06	3.64E-06	1.05E-03	3.80E-09	0.18	1.57E-01	1.09E-10	1,000,000	1.09E-04
188	0.3994	8.428E-06	3.37E-06	1.05E-03	3.52E-09	0.18	1.57E-01	1.01E-10	1,000,000	1.01E-04
189	0.50226	8.428E-06	4.23E-06	1.05E-03	4.42E-09	0.18	1.57E-01	1.27E-10	1,000,000	1.27E-04
190	0.46754	8.428E-06	3.94E-06	1.05E-03	4.12E-09	0.18	1.57E-01	1.19E-10	1,000,000	1.19E-04
191	0.4354	8.428E-06	3.67E-06	1.05E-03	3.84E-09	0.18	1.57E-01	1.10E-10	1,000,000	1.10E-04
192	0.40549	8.428E-06	3.42E-06	1.05E-03	3.57E-09	0.18	1.57E-01	1.03E-10	1,000,000	1.03E-04
193	0.37721	8.428E-06	3.18E-06	1.05E-03	3.32E-09	0.18	1.57E-01	9.57E-11	1,000,000	9.57E-05
194	0.46512	8.428E-06	3.92E-06	1.05E-03	4.10E-09	0.18	1.57E-01	1.18E-10	1,000,000	1.18E-04
195	0.43527	8.428E-06	3.67E-06	1.05E-03	3.83E-09	0.18	1.57E-01	1.10E-10	1,000,000	1.10E-04
196	0.40735	8.428E-06	3.43E-06	1.05E-03	3.59E-09	0.18	1.57E-01	1.03E-10	1,000,000	1.03E-04
197	0.38088	8.428E-06	3.21E-06	1.05E-03	3.36E-09	0.18	1.57E-01	9.67E-11	1,000,000	9.67E-05
198	0.35653	8.428E-06	3.00E-06	1.05E-03	3.14E-09	0.18	1.57E-01	9.05E-11	1,000,000	9.05E-05
199	0.43198	8.428E-06	3.64E-06	1.05E-03	3.81E-09	0.18	1.57E-01	1.10E-10	1,000,000	1.10E-04
200	0.40605	8.428E-06	3.42E-06	1.05E-03	3.58E-09	0.18	1.57E-01	1.03E-10	1,000,000	1.03E-04
201	0.38153	8.428E-06	3.22E-06	1.05E-03	3.36E-09	0.18	1.57E-01	9.68E-11	1,000,000	9.68E-05
202	0.35849	8.428E-06	3.02E-06	1.05E-03	3.16E-09	0.18	1.57E-01	9.10E-11	1,000,000	9.10E-05
203	0.33702	8.428E-06	2.84E-06	1.05E-03	2.97E-09	0.18	1.57E-01	8.55E-11	1,000,000	8.55E-05
204	0.50888	8.428E-06	4.29E-06	1.05E-03	4.48E-09	0.18	1.57E-01	1.29E-10	1,000,000	1.29E-04
205	0.40229	8.428E-06	3.39E-06	1.05E-03	3.54E-09	0.18	1.57E-01	1.02E-10	1,000,000	1.02E-04
206	0.3796	8.428E-06	3.20E-06	1.05E-03	3.34E-09	0.18	1.57E-01	9.63E-11	1,000,000	9.63E-05
207	0.3578	8.428E-06	3.02E-06	1.05E-03	3.15E-09	0.18	1.57E-01	9.08E-11	1,000,000	9.08E-05
208	0.33779	8.428E-06	2.85E-06	1.05E-03	2.98E-09	0.18	1.57E-01	8.57E-11	1,000,000	8.57E-05
209	0.46846	8.428E-06	3.95E-06	1.05E-03	4.13E-09	0.18	1.57E-01	1.19E-10	1,000,000	1.19E-04
210	0.44328	8.428E-06	3.74E-06	1.05E-03	3.90E-09	0.18	1.57E-01	1.12E-10	1,000,000	1.12E-04
211	0.41931	8.428E-06	3.53E-06	1.05E-03	3.69E-09	0.18	1.57E-01	1.06E-10	1,000,000	1.06E-04
212	0.39685	8.428E-06	3.34E-06	1.05E-03	3.50E-09	0.18	1.57E-01	1.01E-10	1,000,000	1.01E-04
213	0.37564	8.428E-06	3.17E-06	1.05E-03	3.31E-09	0.18	1.57E-01	9.53E-11	1,000,000	9.53E-05
214	0.35538	8.428E-06	3.00E-06	1.05E-03	3.13E-09	0.18	1.57E-01	9.02E-11	1,000,000	9.02E-05
215	0.33638	8.428E-06	2.83E-06	1.05E-03	2.96E-09	0.18	1.57E-01	8.54E-11	1,000,000	8.54E-05
216	0.43999	8.428E-06	3.71E-06	1.05E-03	3.88E-09	0.18	1.57E-01	1.12E-10	1,000,000	1.12E-04
217	0.42109	8.428E-06	3.55E-06	1.05E-03	3.71E-09	0.18	1.57E-01	1.07E-10	1,000,000	1.07E-04
218	0.4012	8.428E-06	3.38E-06	1.05E-03	3.53E-09	0.18	1.57E-01	1.02E-10	1,000,000	1.02E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.38229	8.428E-06	3.22E-06	1.05E-03	3.37E-09	0.18	1.57E-01	9.70E-11	1,000,000	9.70E-05
220	0.3638	8.428E-06	3.07E-06	1.05E-03	3.20E-09	0.18	1.57E-01	9.23E-11	1,000,000	9.23E-05
221	0.34616	8.428E-06	2.92E-06	1.05E-03	3.05E-09	0.18	1.57E-01	8.78E-11	1,000,000	8.78E-05
222	0.40765	8.428E-06	3.44E-06	1.05E-03	3.59E-09	0.18	1.57E-01	1.03E-10	1,000,000	1.03E-04
223	0.39079	8.428E-06	3.29E-06	1.05E-03	3.44E-09	0.18	1.57E-01	9.92E-11	1,000,000	9.92E-05
224	0.37357	8.428E-06	3.15E-06	1.05E-03	3.29E-09	0.18	1.57E-01	9.48E-11	1,000,000	9.48E-05
225	0.35688	8.428E-06	3.01E-06	1.05E-03	3.14E-09	0.18	1.57E-01	9.06E-11	1,000,000	9.06E-05
226	0.34036	8.428E-06	2.87E-06	1.05E-03	3.00E-09	0.18	1.57E-01	8.64E-11	1,000,000	8.64E-05
227	0.37896	8.428E-06	3.19E-06	1.05E-03	3.34E-09	0.18	1.57E-01	9.62E-11	1,000,000	9.62E-05
228	0.36398	8.428E-06	3.07E-06	1.05E-03	3.21E-09	0.18	1.57E-01	9.24E-11	1,000,000	9.24E-05
229	0.34893	8.428E-06	2.94E-06	1.05E-03	3.07E-09	0.18	1.57E-01	8.86E-11	1,000,000	8.86E-05
230	0.33373	8.428E-06	2.81E-06	1.05E-03	2.94E-09	0.18	1.57E-01	8.47E-11	1,000,000	8.47E-05
231	0.35335	8.428E-06	2.98E-06	1.05E-03	3.11E-09	0.18	1.57E-01	8.97E-11	1,000,000	8.97E-05
232	0.3403	8.428E-06	2.87E-06	1.05E-03	3.00E-09	0.18	1.57E-01	8.64E-11	1,000,000	8.64E-05
233	0.32685	8.428E-06	2.75E-06	1.05E-03	2.88E-09	0.18	1.57E-01	8.29E-11	1,000,000	8.29E-05
234	0.3133	8.428E-06	2.64E-06	1.05E-03	2.76E-09	0.18	1.57E-01	7.95E-11	1,000,000	7.95E-05
235	0.3307	8.428E-06	2.79E-06	1.05E-03	2.91E-09	0.18	1.57E-01	8.39E-11	1,000,000	8.39E-05
236	0.3191	8.428E-06	2.69E-06	1.05E-03	2.81E-09	0.18	1.57E-01	8.10E-11	1,000,000	8.10E-05
237	0.30687	8.428E-06	2.59E-06	1.05E-03	2.70E-09	0.18	1.57E-01	7.79E-11	1,000,000	7.79E-05
238	0.29491	8.428E-06	2.49E-06	1.05E-03	2.60E-09	0.18	1.57E-01	7.48E-11	1,000,000	7.48E-05
239	0.31043	8.428E-06	2.62E-06	1.05E-03	2.73E-09	0.18	1.57E-01	7.88E-11	1,000,000	7.88E-05
240	0.29997	8.428E-06	2.53E-06	1.05E-03	2.64E-09	0.18	1.57E-01	7.61E-11	1,000,000	7.61E-05
241	0.28894	8.428E-06	2.44E-06	1.05E-03	2.55E-09	0.18	1.57E-01	7.33E-11	1,000,000	7.33E-05
242	0.27825	8.428E-06	2.35E-06	1.05E-03	2.45E-09	0.18	1.57E-01	7.06E-11	1,000,000	7.06E-05
243	0.31786	8.428E-06	2.68E-06	1.05E-03	2.80E-09	0.18	1.57E-01	8.07E-11	1,000,000	8.07E-05
244	0.32356	8.428E-06	2.73E-06	1.05E-03	2.85E-09	0.18	1.57E-01	8.21E-11	1,000,000	8.21E-05
245	0.327	8.428E-06	2.76E-06	1.05E-03	2.88E-09	0.18	1.57E-01	8.30E-11	1,000,000	8.30E-05
246	0.32796	8.428E-06	2.76E-06	1.05E-03	2.89E-09	0.18	1.57E-01	8.32E-11	1,000,000	8.32E-05
247	0.32621	8.428E-06	2.75E-06	1.05E-03	2.87E-09	0.18	1.57E-01	8.28E-11	1,000,000	8.28E-05
248	0.32211	8.428E-06	2.71E-06	1.05E-03	2.84E-09	0.18	1.57E-01	8.17E-11	1,000,000	8.17E-05
249	0.31574	8.428E-06	2.66E-06	1.05E-03	2.78E-09	0.18	1.57E-01	8.01E-11	1,000,000	8.01E-05
250	0.3003	8.428E-06	2.53E-06	1.05E-03	2.65E-09	0.18	1.57E-01	7.62E-11	1,000,000	7.62E-05
251	0.30509	8.428E-06	2.57E-06	1.05E-03	2.69E-09	0.18	1.57E-01	7.74E-11	1,000,000	7.74E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.30787	8.428E-06	2.59E-06	1.05E-03	2.71E-09	0.18	1.57E-01	7.81E-11	1,000,000	7.81E-05
253	0.30845	8.428E-06	2.60E-06	1.05E-03	2.72E-09	0.18	1.57E-01	7.83E-11	1,000,000	7.83E-05
254	0.30665	8.428E-06	2.58E-06	1.05E-03	2.70E-09	0.18	1.57E-01	7.78E-11	1,000,000	7.78E-05
255	0.30281	8.428E-06	2.55E-06	1.05E-03	2.67E-09	0.18	1.57E-01	7.68E-11	1,000,000	7.68E-05
256	0.2968	8.428E-06	2.50E-06	1.05E-03	2.61E-09	0.18	1.57E-01	7.53E-11	1,000,000	7.53E-05
257	0.28425	8.428E-06	2.40E-06	1.05E-03	2.50E-09	0.18	1.57E-01	7.21E-11	1,000,000	7.21E-05
258	0.28829	8.428E-06	2.43E-06	1.05E-03	2.54E-09	0.18	1.57E-01	7.32E-11	1,000,000	7.32E-05
259	0.29052	8.428E-06	2.45E-06	1.05E-03	2.56E-09	0.18	1.57E-01	7.37E-11	1,000,000	7.37E-05
260	0.29081	8.428E-06	2.45E-06	1.05E-03	2.56E-09	0.18	1.57E-01	7.38E-11	1,000,000	7.38E-05
261	0.28901	8.428E-06	2.44E-06	1.05E-03	2.55E-09	0.18	1.57E-01	7.33E-11	1,000,000	7.33E-05
262	0.28539	8.428E-06	2.41E-06	1.05E-03	2.51E-09	0.18	1.57E-01	7.24E-11	1,000,000	7.24E-05
263	0.27994	8.428E-06	2.36E-06	1.05E-03	2.47E-09	0.18	1.57E-01	7.10E-11	1,000,000	7.10E-05
264	0.26951	8.428E-06	2.27E-06	1.05E-03	2.37E-09	0.18	1.57E-01	6.84E-11	1,000,000	6.84E-05
265	0.27296	8.428E-06	2.30E-06	1.05E-03	2.40E-09	0.18	1.57E-01	6.93E-11	1,000,000	6.93E-05
266	0.27475	8.428E-06	2.32E-06	1.05E-03	2.42E-09	0.18	1.57E-01	6.97E-11	1,000,000	6.97E-05
267	0.27481	8.428E-06	2.32E-06	1.05E-03	2.42E-09	0.18	1.57E-01	6.97E-11	1,000,000	6.97E-05
268	0.27311	8.428E-06	2.30E-06	1.05E-03	2.41E-09	0.18	1.57E-01	6.93E-11	1,000,000	6.93E-05
269	0.26972	8.428E-06	2.27E-06	1.05E-03	2.38E-09	0.18	1.57E-01	6.84E-11	1,000,000	6.84E-05
270	0.26471	8.428E-06	2.23E-06	1.05E-03	2.33E-09	0.18	1.57E-01	6.72E-11	1,000,000	6.72E-05
271	0.25603	8.428E-06	2.16E-06	1.05E-03	2.26E-09	0.18	1.57E-01	6.50E-11	1,000,000	6.50E-05
272	0.25894	8.428E-06	2.18E-06	1.05E-03	2.28E-09	0.18	1.57E-01	6.57E-11	1,000,000	6.57E-05
273	0.26036	8.428E-06	2.19E-06	1.05E-03	2.29E-09	0.18	1.57E-01	6.61E-11	1,000,000	6.61E-05
274	0.26023	8.428E-06	2.19E-06	1.05E-03	2.29E-09	0.18	1.57E-01	6.60E-11	1,000,000	6.60E-05
275	0.25855	8.428E-06	2.18E-06	1.05E-03	2.28E-09	0.18	1.57E-01	6.56E-11	1,000,000	6.56E-05
276	0.25539	8.428E-06	2.15E-06	1.05E-03	2.25E-09	0.18	1.57E-01	6.48E-11	1,000,000	6.48E-05
277	0.25076	8.428E-06	2.11E-06	1.05E-03	2.21E-09	0.18	1.57E-01	6.36E-11	1,000,000	6.36E-05
278	0.19991	8.428E-06	1.68E-06	1.05E-03	1.76E-09	0.18	1.57E-01	5.07E-11	1,000,000	5.07E-05
279	0.20429	8.428E-06	1.72E-06	1.05E-03	1.80E-09	0.18	1.57E-01	5.18E-11	1,000,000	5.18E-05
280	0.21584	8.428E-06	1.82E-06	1.05E-03	1.90E-09	0.18	1.57E-01	5.48E-11	1,000,000	5.48E-05
281	0.21295	8.428E-06	1.79E-06	1.05E-03	1.88E-09	0.18	1.57E-01	5.40E-11	1,000,000	5.40E-05
282	0.22642	8.428E-06	1.91E-06	1.05E-03	1.99E-09	0.18	1.57E-01	5.75E-11	1,000,000	5.75E-05
283	0.20109	8.428E-06	1.69E-06	1.05E-03	1.77E-09	0.18	1.57E-01	5.10E-11	1,000,000	5.10E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	2.65446	8.428E-06	2.24E-05	6.05E-04	1.35E-08	0.18	4.71E-02	1.17E-10	1,000,000	1.17E-04
27	3.17332	8.428E-06	2.67E-05	6.05E-04	1.62E-08	0.18	4.71E-02	1.40E-10	1,000,000	1.40E-04
28	3.8718	8.428E-06	3.26E-05	6.05E-04	1.97E-08	0.18	4.71E-02	1.71E-10	1,000,000	1.71E-04
29	4.84653	8.428E-06	4.08E-05	6.05E-04	2.47E-08	0.18	4.71E-02	2.14E-10	1,000,000	2.14E-04
30	6.26753	8.428E-06	5.28E-05	6.05E-04	3.20E-08	0.18	4.71E-02	2.76E-10	1,000,000	2.76E-04
31	8.44701	8.428E-06	7.12E-05	6.05E-04	4.31E-08	0.18	4.71E-02	3.72E-10	1,000,000	3.72E-04
32	11.98271	8.428E-06	1.01E-04	6.05E-04	6.11E-08	0.18	4.71E-02	5.28E-10	1,000,000	5.28E-04
33	18.072	8.428E-06	1.52E-04	6.05E-04	9.22E-08	0.18	4.71E-02	7.97E-10	1,000,000	7.97E-04
34	29.41863	8.428E-06	2.48E-04	6.05E-04	1.50E-07	0.18	4.71E-02	1.30E-09	1,000,000	1.30E-03
35	55.01483	8.428E-06	4.64E-04	6.05E-04	2.81E-07	0.18	4.71E-02	2.42E-09	1,000,000	2.42E-03
36	50.90441	8.428E-06	4.29E-04	6.05E-04	2.60E-07	0.18	4.71E-02	2.24E-09	1,000,000	2.24E-03
37	2.68513	8.428E-06	2.26E-05	6.05E-04	1.37E-08	0.18	4.71E-02	1.18E-10	1,000,000	1.18E-04
38	3.21429	8.428E-06	2.71E-05	6.05E-04	1.64E-08	0.18	4.71E-02	1.42E-10	1,000,000	1.42E-04
39	3.92709	8.428E-06	3.31E-05	6.05E-04	2.00E-08	0.18	4.71E-02	1.73E-10	1,000,000	1.73E-04
40	4.91957	8.428E-06	4.15E-05	6.05E-04	2.51E-08	0.18	4.71E-02	2.17E-10	1,000,000	2.17E-04
41	6.35491	8.428E-06	5.36E-05	6.05E-04	3.24E-08	0.18	4.71E-02	2.80E-10	1,000,000	2.80E-04
42	8.51808	8.428E-06	7.18E-05	6.05E-04	4.34E-08	0.18	4.71E-02	3.75E-10	1,000,000	3.75E-04
43	11.92758	8.428E-06	1.01E-04	6.05E-04	6.08E-08	0.18	4.71E-02	5.26E-10	1,000,000	5.26E-04
44	17.59864	8.428E-06	1.48E-04	6.05E-04	8.97E-08	0.18	4.71E-02	7.76E-10	1,000,000	7.76E-04
45	27.91014	8.428E-06	2.35E-04	6.05E-04	1.42E-07	0.18	4.71E-02	1.23E-09	1,000,000	1.23E-03
46	51.57273	8.428E-06	4.35E-04	6.05E-04	2.63E-07	0.18	4.71E-02	2.27E-09	1,000,000	2.27E-03
47	50.20761	8.428E-06	4.23E-04	6.05E-04	2.56E-07	0.18	4.71E-02	2.21E-09	1,000,000	2.21E-03
48	2.6991	8.428E-06	2.27E-05	6.05E-04	1.38E-08	0.18	4.71E-02	1.19E-10	1,000,000	1.19E-04
49	3.23321	8.428E-06	2.72E-05	6.05E-04	1.65E-08	0.18	4.71E-02	1.43E-10	1,000,000	1.43E-04
50	3.95189	8.428E-06	3.33E-05	6.05E-04	2.02E-08	0.18	4.71E-02	1.74E-10	1,000,000	1.74E-04
51	4.94809	8.428E-06	4.17E-05	6.05E-04	2.52E-08	0.18	4.71E-02	2.18E-10	1,000,000	2.18E-04
52	6.37517	8.428E-06	5.37E-05	6.05E-04	3.25E-08	0.18	4.71E-02	2.81E-10	1,000,000	2.81E-04
53	8.49344	8.428E-06	7.16E-05	6.05E-04	4.33E-08	0.18	4.71E-02	3.74E-10	1,000,000	3.74E-04
54	11.77074	8.428E-06	9.92E-05	6.05E-04	6.00E-08	0.18	4.71E-02	5.19E-10	1,000,000	5.19E-04
55	17.14292	8.428E-06	1.44E-04	6.05E-04	8.74E-08	0.18	4.71E-02	7.56E-10	1,000,000	7.56E-04
56	26.92533	8.428E-06	2.27E-04	6.05E-04	1.37E-07	0.18	4.71E-02	1.19E-09	1,000,000	1.19E-03
57	49.88928	8.428E-06	4.20E-04	6.05E-04	2.54E-07	0.18	4.71E-02	2.20E-09	1,000,000	2.20E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	49.67994	8.428E-06	4.19E-04	6.05E-04	2.53E-07	0.18	4.71E-02	2.19E-09	1,000,000	2.19E-03
59	2.69678	8.428E-06	2.27E-05	6.05E-04	1.38E-08	0.18	4.71E-02	1.19E-10	1,000,000	1.19E-04
60	3.22984	8.428E-06	2.72E-05	6.05E-04	1.65E-08	0.18	4.71E-02	1.42E-10	1,000,000	1.42E-04
61	3.94487	8.428E-06	3.32E-05	6.05E-04	2.01E-08	0.18	4.71E-02	1.74E-10	1,000,000	1.74E-04
62	4.93002	8.428E-06	4.15E-05	6.05E-04	2.51E-08	0.18	4.71E-02	2.17E-10	1,000,000	2.17E-04
63	6.32808	8.428E-06	5.33E-05	6.05E-04	3.23E-08	0.18	4.71E-02	2.79E-10	1,000,000	2.79E-04
64	8.37964	8.428E-06	7.06E-05	6.05E-04	4.27E-08	0.18	4.71E-02	3.69E-10	1,000,000	3.69E-04
65	11.52287	8.428E-06	9.71E-05	6.05E-04	5.88E-08	0.18	4.71E-02	5.08E-10	1,000,000	5.08E-04
66	16.66449	8.428E-06	1.40E-04	6.05E-04	8.50E-08	0.18	4.71E-02	7.34E-10	1,000,000	7.34E-04
67	26.11501	8.428E-06	2.20E-04	6.05E-04	1.33E-07	0.18	4.71E-02	1.15E-09	1,000,000	1.15E-03
68	48.50948	8.428E-06	4.09E-04	6.05E-04	2.47E-07	0.18	4.71E-02	2.14E-09	1,000,000	2.14E-03
69	48.79922	8.428E-06	4.11E-04	6.05E-04	2.49E-07	0.18	4.71E-02	2.15E-09	1,000,000	2.15E-03
70	2.67865	8.428E-06	2.26E-05	6.05E-04	1.37E-08	0.18	4.71E-02	1.18E-10	1,000,000	1.18E-04
71	3.20425	8.428E-06	2.70E-05	6.05E-04	1.63E-08	0.18	4.71E-02	1.41E-10	1,000,000	1.41E-04
72	3.90571	8.428E-06	3.29E-05	6.05E-04	1.99E-08	0.18	4.71E-02	1.72E-10	1,000,000	1.72E-04
73	4.86526	8.428E-06	4.10E-05	6.05E-04	2.48E-08	0.18	4.71E-02	2.14E-10	1,000,000	2.14E-04
74	6.21522	8.428E-06	5.24E-05	6.05E-04	3.17E-08	0.18	4.71E-02	2.74E-10	1,000,000	2.74E-04
75	8.18005	8.428E-06	6.89E-05	6.05E-04	4.17E-08	0.18	4.71E-02	3.61E-10	1,000,000	3.61E-04
76	11.17745	8.428E-06	9.42E-05	6.05E-04	5.70E-08	0.18	4.71E-02	4.93E-10	1,000,000	4.93E-04
77	16.09552	8.428E-06	1.36E-04	6.05E-04	8.21E-08	0.18	4.71E-02	7.09E-10	1,000,000	7.09E-04
78	25.22017	8.428E-06	2.13E-04	6.05E-04	1.29E-07	0.18	4.71E-02	1.11E-09	1,000,000	1.11E-03
79	46.93592	8.428E-06	3.96E-04	6.05E-04	2.39E-07	0.18	4.71E-02	2.07E-09	1,000,000	2.07E-03
80	47.36955	8.428E-06	3.99E-04	6.05E-04	2.42E-07	0.18	4.71E-02	2.09E-09	1,000,000	2.09E-03
81	2.64537	8.428E-06	2.23E-05	6.05E-04	1.35E-08	0.18	4.71E-02	1.17E-10	1,000,000	1.17E-04
82	3.15725	8.428E-06	2.66E-05	6.05E-04	1.61E-08	0.18	4.71E-02	1.39E-10	1,000,000	1.39E-04
83	3.83579	8.428E-06	3.23E-05	6.05E-04	1.96E-08	0.18	4.71E-02	1.69E-10	1,000,000	1.69E-04
84	4.75635	8.428E-06	4.01E-05	6.05E-04	2.43E-08	0.18	4.71E-02	2.10E-10	1,000,000	2.10E-04
85	6.04041	8.428E-06	5.09E-05	6.05E-04	3.08E-08	0.18	4.71E-02	2.66E-10	1,000,000	2.66E-04
86	7.89624	8.428E-06	6.65E-05	6.05E-04	4.03E-08	0.18	4.71E-02	3.48E-10	1,000,000	3.48E-04
87	10.71879	8.428E-06	9.03E-05	6.05E-04	5.47E-08	0.18	4.71E-02	4.72E-10	1,000,000	4.72E-04
88	15.36265	8.428E-06	1.29E-04	6.05E-04	7.83E-08	0.18	4.71E-02	6.77E-10	1,000,000	6.77E-04
89	24.04551	8.428E-06	2.03E-04	6.05E-04	1.23E-07	0.18	4.71E-02	1.06E-09	1,000,000	1.06E-03
90	44.84095	8.428E-06	3.78E-04	6.05E-04	2.29E-07	0.18	4.71E-02	1.98E-09	1,000,000	1.98E-03

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	45.00417	8.428E-06	3.79E-04	6.05E-04	2.29E-07	0.18	4.71E-02	1.98E-09	1,000,000	1.98E-03
92	2.59785	8.428E-06	2.19E-05	6.05E-04	1.32E-08	0.18	4.71E-02	1.14E-10	1,000,000	1.14E-04
93	3.09039	8.428E-06	2.60E-05	6.05E-04	1.58E-08	0.18	4.71E-02	1.36E-10	1,000,000	1.36E-04
94	3.73791	8.428E-06	3.15E-05	6.05E-04	1.91E-08	0.18	4.71E-02	1.65E-10	1,000,000	1.65E-04
95	4.60814	8.428E-06	3.88E-05	6.05E-04	2.35E-08	0.18	4.71E-02	2.03E-10	1,000,000	2.03E-04
96	5.81025	8.428E-06	4.90E-05	6.05E-04	2.96E-08	0.18	4.71E-02	2.56E-10	1,000,000	2.56E-04
97	7.53252	8.428E-06	6.35E-05	6.05E-04	3.84E-08	0.18	4.71E-02	3.32E-10	1,000,000	3.32E-04
98	10.13509	8.428E-06	8.54E-05	6.05E-04	5.17E-08	0.18	4.71E-02	4.47E-10	1,000,000	4.47E-04
99	14.40415	8.428E-06	1.21E-04	6.05E-04	7.35E-08	0.18	4.71E-02	6.35E-10	1,000,000	6.35E-04
100	22.40345	8.428E-06	1.89E-04	6.05E-04	1.14E-07	0.18	4.71E-02	9.87E-10	1,000,000	9.87E-04
101	41.74113	8.428E-06	3.52E-04	6.05E-04	2.13E-07	0.18	4.71E-02	1.84E-09	1,000,000	1.84E-03
102	40.60476	8.428E-06	3.42E-04	6.05E-04	2.07E-07	0.18	4.71E-02	1.79E-09	1,000,000	1.79E-03
103	4.44375	8.428E-06	3.75E-05	6.05E-04	2.27E-08	0.18	4.71E-02	1.96E-10	1,000,000	1.96E-04
104	5.54484	8.428E-06	4.67E-05	6.05E-04	2.83E-08	0.18	4.71E-02	2.44E-10	1,000,000	2.44E-04
105	7.16513	8.428E-06	6.04E-05	6.05E-04	3.65E-08	0.18	4.71E-02	3.16E-10	1,000,000	3.16E-04
106	9.57787	8.428E-06	8.07E-05	6.05E-04	4.88E-08	0.18	4.71E-02	4.22E-10	1,000,000	4.22E-04
107	13.20072	8.428E-06	1.11E-04	6.05E-04	6.73E-08	0.18	4.71E-02	5.82E-10	1,000,000	5.82E-04
108	20.13649	8.428E-06	1.70E-04	6.05E-04	1.03E-07	0.18	4.71E-02	8.87E-10	1,000,000	8.87E-04
109	36.73334	8.428E-06	3.10E-04	6.05E-04	1.87E-07	0.18	4.71E-02	1.62E-09	1,000,000	1.62E-03
110	30.03946	8.428E-06	2.53E-04	6.05E-04	1.53E-07	0.18	4.71E-02	1.32E-09	1,000,000	1.32E-03
111	3.6469	8.428E-06	3.07E-05	6.05E-04	1.86E-08	0.18	4.71E-02	1.61E-10	1,000,000	1.61E-04
112	2.96847	8.428E-06	2.50E-05	6.05E-04	1.51E-08	0.18	4.71E-02	1.31E-10	1,000,000	1.31E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	2.65446	8.428E-06	1.6068E-05	2.50E-04	4.02E-09	0.18	1.57E-02	1.16E-11	1,000,000	1.16E-05
27	3.17332	8.428E-06	1.7692E-05	2.50E-04	4.43E-09	0.18	1.57E-02	1.28E-11	1,000,000	1.28E-05
28	3.8718	8.428E-06	1.9419E-05	2.50E-04	4.86E-09	0.18	1.57E-02	1.40E-11	1,000,000	1.40E-05
29	4.84653	8.428E-06	2.1162E-05	2.50E-04	5.30E-09	0.18	1.57E-02	1.53E-11	1,000,000	1.53E-05
30	6.26753	8.428E-06	2.2826E-05	2.50E-04	5.71E-09	0.18	1.57E-02	1.65E-11	1,000,000	1.65E-05
31	8.44701	8.428E-06	2.4331E-05	2.50E-04	6.09E-09	0.18	1.57E-02	1.75E-11	1,000,000	1.75E-05
32	11.98271	8.428E-06	2.5616E-05	2.50E-04	6.41E-09	0.18	1.57E-02	1.85E-11	1,000,000	1.85E-05
33	18.072	8.428E-06	2.6643E-05	2.50E-04	6.67E-09	0.18	1.57E-02	1.92E-11	1,000,000	1.92E-05
34	29.41863	8.428E-06	2.7391E-05	2.50E-04	6.86E-09	0.18	1.57E-02	1.97E-11	1,000,000	1.97E-05
35	55.01483	8.428E-06	2.7861E-05	2.50E-04	6.97E-09	0.18	1.57E-02	2.01E-11	1,000,000	2.01E-05
36	50.90441	8.428E-06	2.8011E-05	2.50E-04	7.01E-09	0.18	1.57E-02	2.02E-11	1,000,000	2.02E-05
37	2.68513	8.428E-06	1.8293E-05	2.50E-04	4.58E-09	0.18	1.57E-02	1.32E-11	1,000,000	1.32E-05
38	3.21429	8.428E-06	2.0379E-05	2.50E-04	5.10E-09	0.18	1.57E-02	1.47E-11	1,000,000	1.47E-05
39	3.92709	8.428E-06	2.2612E-05	2.50E-04	5.66E-09	0.18	1.57E-02	1.63E-11	1,000,000	1.63E-05
40	4.91957	8.428E-06	2.4846E-05	2.50E-04	6.22E-09	0.18	1.57E-02	1.79E-11	1,000,000	1.79E-05
41	6.35491	8.428E-06	2.6927E-05	2.50E-04	6.74E-09	0.18	1.57E-02	1.94E-11	1,000,000	1.94E-05
42	8.51808	8.428E-06	2.8731E-05	2.50E-04	7.19E-09	0.18	1.57E-02	2.07E-11	1,000,000	2.07E-05
43	11.92758	8.428E-06	3.0191E-05	2.50E-04	7.56E-09	0.18	1.57E-02	2.18E-11	1,000,000	2.18E-05
44	17.59864	8.428E-06	3.129E-05	2.50E-04	7.83E-09	0.18	1.57E-02	2.26E-11	1,000,000	2.26E-05
45	27.91014	8.428E-06	3.2033E-05	2.50E-04	8.02E-09	0.18	1.57E-02	2.31E-11	1,000,000	2.31E-05
46	51.57273	8.428E-06	3.2437E-05	2.50E-04	8.12E-09	0.18	1.57E-02	2.34E-11	1,000,000	2.34E-05
47	50.20761	8.428E-06	3.2451E-05	2.50E-04	8.12E-09	0.18	1.57E-02	2.34E-11	1,000,000	2.34E-05
48	2.6991	8.428E-06	2.1114E-05	2.50E-04	5.28E-09	0.18	1.57E-02	1.52E-11	1,000,000	1.52E-05
49	3.23321	8.428E-06	2.3881E-05	2.50E-04	5.98E-09	0.18	1.57E-02	1.72E-11	1,000,000	1.72E-05
50	3.95189	8.428E-06	2.6864E-05	2.50E-04	6.72E-09	0.18	1.57E-02	1.94E-11	1,000,000	1.94E-05
51	4.94809	8.428E-06	2.9801E-05	2.50E-04	7.46E-09	0.18	1.57E-02	2.15E-11	1,000,000	2.15E-05
52	6.37517	8.428E-06	3.2427E-05	2.50E-04	8.12E-09	0.18	1.57E-02	2.34E-11	1,000,000	2.34E-05
53	8.49344	8.428E-06	3.4566E-05	2.50E-04	8.65E-09	0.18	1.57E-02	2.49E-11	1,000,000	2.49E-05
54	11.77074	8.428E-06	3.617E-05	2.50E-04	9.05E-09	0.18	1.57E-02	2.61E-11	1,000,000	2.61E-05
55	17.14292	8.428E-06	3.7286E-05	2.50E-04	9.33E-09	0.18	1.57E-02	2.69E-11	1,000,000	2.69E-05
56	26.92533	8.428E-06	3.7973E-05	2.50E-04	9.50E-09	0.18	1.57E-02	2.74E-11	1,000,000	2.74E-05
57	49.88928	8.428E-06	3.8265E-05	2.50E-04	9.58E-09	0.18	1.57E-02	2.76E-11	1,000,000	2.76E-05
58	49.67994	8.428E-06	3.8079E-05	2.50E-04	9.53E-09	0.18	1.57E-02	2.75E-11	1,000,000	2.75E-05
59	2.69678	8.428E-06	2.481E-05	2.50E-04	6.21E-09	0.18	1.57E-02	1.79E-11	1,000,000	1.79E-05
60	3.22984	8.428E-06	2.8644E-05	2.50E-04	7.17E-09	0.18	1.57E-02	2.07E-11	1,000,000	2.07E-05
61	3.94487	8.428E-06	3.2803E-05	2.50E-04	8.21E-09	0.18	1.57E-02	2.37E-11	1,000,000	2.37E-05
62	4.93002	8.428E-06	3.6772E-05	2.50E-04	9.20E-09	0.18	1.57E-02	2.65E-11	1,000,000	2.65E-05
63	6.32808	8.428E-06	4.0087E-05	2.50E-04	1.00E-08	0.18	1.57E-02	2.89E-11	1,000,000	2.89E-05
64	8.37964	8.428E-06	4.254E-05	2.50E-04	1.06E-08	0.18	1.57E-02	3.07E-11	1,000,000	3.07E-05
65	11.52287	8.428E-06	4.4188E-05	2.50E-04	1.11E-08	0.18	1.57E-02	3.19E-11	1,000,000	3.19E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	16.66449	8.428E-06	4.5223E-05	2.50E-04	1.13E-08	0.18	1.57E-02	3.26E-11	1,000,000	3.26E-05
67	26.11501	8.428E-06	4.5787E-05	2.50E-04	1.15E-08	0.18	1.57E-02	3.30E-11	1,000,000	3.30E-05
68	48.50948	8.428E-06	4.5913E-05	2.50E-04	1.15E-08	0.18	1.57E-02	3.31E-11	1,000,000	3.31E-05
69	48.79922	8.428E-06	4.5435E-05	2.50E-04	1.14E-08	0.18	1.57E-02	3.28E-11	1,000,000	3.28E-05
70	2.67865	8.428E-06	2.9873E-05	2.50E-04	7.48E-09	0.18	1.57E-02	2.15E-11	1,000,000	2.15E-05
71	3.20425	8.428E-06	3.5536E-05	2.50E-04	8.89E-09	0.18	1.57E-02	2.56E-11	1,000,000	2.56E-05
72	3.90571	8.428E-06	4.1682E-05	2.50E-04	1.04E-08	0.18	1.57E-02	3.01E-11	1,000,000	3.01E-05
73	4.86526	8.428E-06	4.7184E-05	2.50E-04	1.18E-08	0.18	1.57E-02	3.40E-11	1,000,000	3.40E-05
74	6.21522	8.428E-06	5.1271E-05	2.50E-04	1.28E-08	0.18	1.57E-02	3.70E-11	1,000,000	3.70E-05
75	8.18005	8.428E-06	5.3869E-05	2.50E-04	1.35E-08	0.18	1.57E-02	3.88E-11	1,000,000	3.88E-05
76	11.17745	8.428E-06	5.5337E-05	2.50E-04	1.38E-08	0.18	1.57E-02	3.99E-11	1,000,000	3.99E-05
77	16.09552	8.428E-06	5.614E-05	2.50E-04	1.41E-08	0.18	1.57E-02	4.05E-11	1,000,000	4.05E-05
78	25.22017	8.428E-06	5.6515E-05	2.50E-04	1.41E-08	0.18	1.57E-02	4.07E-11	1,000,000	4.07E-05
79	46.93592	8.428E-06	5.6407E-05	2.50E-04	1.41E-08	0.18	1.57E-02	4.07E-11	1,000,000	4.07E-05
80	47.36955	8.428E-06	5.5468E-05	2.50E-04	1.39E-08	0.18	1.57E-02	4.00E-11	1,000,000	4.00E-05
81	2.64537	8.428E-06	3.7275E-05	2.50E-04	9.33E-09	0.18	1.57E-02	2.69E-11	1,000,000	2.69E-05
82	3.15725	8.428E-06	4.6527E-05	2.50E-04	1.16E-08	0.18	1.57E-02	3.35E-11	1,000,000	3.35E-05
83	3.83579	8.428E-06	5.6366E-05	2.50E-04	1.41E-08	0.18	1.57E-02	4.06E-11	1,000,000	4.06E-05
84	4.75635	8.428E-06	6.405E-05	2.50E-04	1.60E-08	0.18	1.57E-02	4.62E-11	1,000,000	4.62E-05
85	6.04041	8.428E-06	6.8686E-05	2.50E-04	1.72E-08	0.18	1.57E-02	4.95E-11	1,000,000	4.95E-05
86	7.89624	8.428E-06	7.0912E-05	2.50E-04	1.77E-08	0.18	1.57E-02	5.11E-11	1,000,000	5.11E-05
87	10.71879	8.428E-06	7.1757E-05	2.50E-04	1.80E-08	0.18	1.57E-02	5.17E-11	1,000,000	5.17E-05
88	15.36265	8.428E-06	7.2146E-05	2.50E-04	1.81E-08	0.18	1.57E-02	5.20E-11	1,000,000	5.20E-05
89	24.04551	8.428E-06	7.2296E-05	2.50E-04	1.81E-08	0.18	1.57E-02	5.21E-11	1,000,000	5.21E-05
90	44.84095	8.428E-06	7.1802E-05	2.50E-04	1.80E-08	0.18	1.57E-02	5.18E-11	1,000,000	5.18E-05
91	45.00417	8.428E-06	6.9993E-05	2.50E-04	1.75E-08	0.18	1.57E-02	5.05E-11	1,000,000	5.05E-05
92	2.59785	8.428E-06	4.9197E-05	2.50E-04	1.23E-08	0.18	1.57E-02	3.55E-11	1,000,000	3.55E-05
93	3.09039	8.428E-06	6.7259E-05	2.50E-04	1.68E-08	0.18	1.57E-02	4.85E-11	1,000,000	4.85E-05
94	3.73791	8.428E-06	8.4609E-05	2.50E-04	2.12E-08	0.18	1.57E-02	6.10E-11	1,000,000	6.10E-05
95	4.60814	8.428E-06	9.4725E-05	2.50E-04	2.37E-08	0.18	1.57E-02	6.83E-11	1,000,000	6.83E-05
96	5.81025	8.428E-06	9.8842E-05	2.50E-04	2.47E-08	0.18	1.57E-02	7.13E-11	1,000,000	7.13E-05
97	7.53252	8.428E-06	9.9274E-05	2.50E-04	2.48E-08	0.18	1.57E-02	7.16E-11	1,000,000	7.16E-05
98	10.13509	8.428E-06	9.8571E-05	2.50E-04	2.47E-08	0.18	1.57E-02	7.11E-11	1,000,000	7.11E-05
99	14.40415	8.428E-06	9.842E-05	2.50E-04	2.46E-08	0.18	1.57E-02	7.10E-11	1,000,000	7.10E-05
100	22.40345	8.428E-06	9.8341E-05	2.50E-04	2.46E-08	0.18	1.57E-02	7.09E-11	1,000,000	7.09E-05
101	41.74113	8.428E-06	9.6853E-05	2.50E-04	2.42E-08	0.18	1.57E-02	6.98E-11	1,000,000	6.98E-05
102	40.60476	8.428E-06	9.292E-05	2.50E-04	2.33E-08	0.18	1.57E-02	6.70E-11	1,000,000	6.70E-05
103	4.44375	8.428E-06	0.00011961	2.50E-04	2.99E-08	0.18	1.57E-02	8.62E-11	1,000,000	8.62E-05
104	5.54484	8.428E-06	0.00012218	2.50E-04	3.06E-08	0.18	1.57E-02	8.81E-11	1,000,000	8.81E-05
105	7.16513	8.428E-06	0.00012662	2.50E-04	3.17E-08	0.18	1.57E-02	9.13E-11	1,000,000	9.13E-05
106	9.57787	8.428E-06	0.00012522	2.50E-04	3.13E-08	0.18	1.57E-02	9.03E-11	1,000,000	9.03E-05
107	13.20072	8.428E-06	0.00013099	2.50E-04	3.28E-08	0.18	1.57E-02	9.44E-11	1,000,000	9.44E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	20.13649	8.428E-06	0.00013124	2.50E-04	3.28E-08	0.18	1.57E-02	9.46E-11	1,000,000	9.46E-05
109	36.73334	8.428E-06	0.00014548	2.50E-04	3.64E-08	0.18	1.57E-02	1.05E-10	1,000,000	1.05E-04
110	30.03946	8.428E-06	0.00013468	2.50E-04	3.37E-08	0.18	1.57E-02	9.71E-11	1,000,000	9.71E-05
111	3.6469	8.428E-06	0.00011076	2.50E-04	2.77E-08	0.18	1.57E-02	7.99E-11	1,000,000	7.99E-05
112	2.96847	8.428E-06	8.1232E-05	2.50E-04	2.03E-08	0.18	1.57E-02	5.86E-11	1,000,000	5.86E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.61228	1.14E-05	7.00E-06	1.05E-03	7.32E-09	1.83E-01	1.57E-01	2.11E-10	1.0E+06	2.1E-04
2	0.71612	1.1438E-05	8.19E-06	1.05E-03	8.56E-09	0.18	1.57E-01	2.47E-10	1,000,000	2.47E-04
3	0.8544	1.1438E-05	9.77E-06	1.05E-03	1.02E-08	0.18	1.57E-01	2.94E-10	1,000,000	2.94E-04
4	1.04144	1.1438E-05	1.19E-05	1.05E-03	1.25E-08	0.18	1.57E-01	3.59E-10	1,000,000	3.59E-04
5	1.30673	1.1438E-05	1.49E-05	1.05E-03	1.56E-08	0.18	1.57E-01	4.50E-10	1,000,000	4.50E-04
6	0.60197	1.1438E-05	6.89E-06	1.05E-03	7.20E-09	0.18	1.57E-01	2.07E-10	1,000,000	2.07E-04
7	0.70115	1.1438E-05	8.02E-06	1.05E-03	8.38E-09	0.18	1.57E-01	2.41E-10	1,000,000	2.41E-04
8	0.83148	1.1438E-05	9.51E-06	1.05E-03	9.94E-09	0.18	1.57E-01	2.86E-10	1,000,000	2.86E-04
9	1.00965	1.1438E-05	1.15E-05	1.05E-03	1.21E-08	0.18	1.57E-01	3.48E-10	1,000,000	3.48E-04
10	1.25675	1.1438E-05	1.44E-05	1.05E-03	1.50E-08	0.18	1.57E-01	4.33E-10	1,000,000	4.33E-04
11	0.58536	1.1438E-05	6.70E-06	1.05E-03	7.00E-09	0.18	1.57E-01	2.02E-10	1,000,000	2.02E-04
12	0.67887	1.1438E-05	7.76E-06	1.05E-03	8.12E-09	0.18	1.57E-01	2.34E-10	1,000,000	2.34E-04
13	0.80117	1.1438E-05	9.16E-06	1.05E-03	9.58E-09	0.18	1.57E-01	2.76E-10	1,000,000	2.76E-04
14	0.96783	1.1438E-05	1.11E-05	1.05E-03	1.16E-08	0.18	1.57E-01	3.33E-10	1,000,000	3.33E-04
15	1.19546	1.1438E-05	1.37E-05	1.05E-03	1.43E-08	0.18	1.57E-01	4.12E-10	1,000,000	4.12E-04
16	0.5659	1.1438E-05	6.47E-06	1.05E-03	6.77E-09	0.18	1.57E-01	1.95E-10	1,000,000	1.95E-04
17	0.65417	1.1438E-05	7.48E-06	1.05E-03	7.82E-09	0.18	1.57E-01	2.25E-10	1,000,000	2.25E-04
18	0.76814	1.1438E-05	8.79E-06	1.05E-03	9.18E-09	0.18	1.57E-01	2.65E-10	1,000,000	2.65E-04
19	0.91993	1.1438E-05	1.05E-05	1.05E-03	1.10E-08	0.18	1.57E-01	3.17E-10	1,000,000	3.17E-04
20	1.13585	1.1438E-05	1.30E-05	1.05E-03	1.36E-08	0.18	1.57E-01	3.91E-10	1,000,000	3.91E-04
21	0.54601	1.1438E-05	6.25E-06	1.05E-03	6.53E-09	0.18	1.57E-01	1.88E-10	1,000,000	1.88E-04
22	0.62881	1.1438E-05	7.19E-06	1.05E-03	7.52E-09	0.18	1.57E-01	2.17E-10	1,000,000	2.17E-04
23	0.73617	1.1438E-05	8.42E-06	1.05E-03	8.80E-09	0.18	1.57E-01	2.54E-10	1,000,000	2.54E-04
24	0.87935	1.1438E-05	1.01E-05	1.05E-03	1.05E-08	0.18	1.57E-01	3.03E-10	1,000,000	3.03E-04
25	1.07674	1.1438E-05	1.23E-05	1.05E-03	1.29E-08	0.18	1.57E-01	3.71E-10	1,000,000	3.71E-04
113	0.23626	1.1438E-05	2.70E-06	6.05E-04	1.64E-09	0.18	1.57E-01	4.71E-11	1,000,000	4.71E-05
114	0.22576	1.1438E-05	2.58E-06	6.05E-04	1.56E-09	0.18	1.57E-01	4.50E-11	1,000,000	4.50E-05
115	0.21573	1.1438E-05	2.47E-06	6.05E-04	1.49E-09	0.18	1.57E-01	4.30E-11	1,000,000	4.30E-05
116	0.20617	1.1438E-05	2.36E-06	6.05E-04	1.43E-09	0.18	1.57E-01	4.11E-11	1,000,000	4.11E-05
117	0.23939	1.1438E-05	2.74E-06	6.05E-04	1.66E-09	0.18	1.57E-01	4.77E-11	1,000,000	4.77E-05
118	0.22825	1.1438E-05	2.61E-06	6.05E-04	1.58E-09	0.18	1.57E-01	4.55E-11	1,000,000	4.55E-05
119	0.21765	1.1438E-05	2.49E-06	6.05E-04	1.51E-09	0.18	1.57E-01	4.34E-11	1,000,000	4.34E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.20759	1.1438E-05	2.37E-06	6.05E-04	1.44E-09	0.18	1.57E-01	4.14E-11	1,000,000	4.14E-05
121	0.24198	1.1438E-05	2.77E-06	6.05E-04	1.67E-09	0.18	1.57E-01	4.82E-11	1,000,000	4.82E-05
122	0.2302	1.1438E-05	2.63E-06	6.05E-04	1.59E-09	0.18	1.57E-01	4.59E-11	1,000,000	4.59E-05
123	0.21907	1.1438E-05	2.51E-06	6.05E-04	1.52E-09	0.18	1.57E-01	4.37E-11	1,000,000	4.37E-05
124	0.20856	1.1438E-05	2.39E-06	6.05E-04	1.44E-09	0.18	1.57E-01	4.16E-11	1,000,000	4.16E-05
125	0.24395	1.1438E-05	2.79E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.86E-11	1,000,000	4.86E-05
126	0.23159	1.1438E-05	2.65E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.62E-11	1,000,000	4.62E-05
127	0.21998	1.1438E-05	2.52E-06	6.05E-04	1.52E-09	0.18	1.57E-01	4.39E-11	1,000,000	4.39E-05
128	0.2091	1.1438E-05	2.39E-06	6.05E-04	1.45E-09	0.18	1.57E-01	4.17E-11	1,000,000	4.17E-05
129	0.2453	1.1438E-05	2.81E-06	6.05E-04	1.70E-09	0.18	1.57E-01	4.89E-11	1,000,000	4.89E-05
130	0.23242	1.1438E-05	2.66E-06	6.05E-04	1.61E-09	0.18	1.57E-01	4.63E-11	1,000,000	4.63E-05
131	0.22042	1.1438E-05	2.52E-06	6.05E-04	1.53E-09	0.18	1.57E-01	4.39E-11	1,000,000	4.39E-05
132	0.20925	1.1438E-05	2.39E-06	6.05E-04	1.45E-09	0.18	1.57E-01	4.17E-11	1,000,000	4.17E-05
133	0.24603	1.1438E-05	2.81E-06	6.05E-04	1.70E-09	0.18	1.57E-01	4.91E-11	1,000,000	4.91E-05
134	0.23275	1.1438E-05	2.66E-06	6.05E-04	1.61E-09	0.18	1.57E-01	4.64E-11	1,000,000	4.64E-05
135	0.22045	1.1438E-05	2.52E-06	6.05E-04	1.53E-09	0.18	1.57E-01	4.40E-11	1,000,000	4.40E-05
136	0.20907	1.1438E-05	2.39E-06	6.05E-04	1.45E-09	0.18	1.57E-01	4.17E-11	1,000,000	4.17E-05
137	0.24622	1.1438E-05	2.82E-06	6.05E-04	1.70E-09	0.18	1.57E-01	4.91E-11	1,000,000	4.91E-05
138	0.22016	1.1438E-05	2.52E-06	6.05E-04	1.52E-09	0.18	1.57E-01	4.39E-11	1,000,000	4.39E-05
139	0.20867	1.1438E-05	2.39E-06	6.05E-04	1.44E-09	0.18	1.57E-01	4.16E-11	1,000,000	4.16E-05
140	0.24481	1.1438E-05	2.80E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.88E-11	1,000,000	4.88E-05
141	0.23107	1.1438E-05	2.64E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.61E-11	1,000,000	4.61E-05
142	0.21858	1.1438E-05	2.50E-06	6.05E-04	1.51E-09	0.18	1.57E-01	4.36E-11	1,000,000	4.36E-05
143	0.20719	1.1438E-05	2.37E-06	6.05E-04	1.43E-09	0.18	1.57E-01	4.13E-11	1,000,000	4.13E-05
144	0.24425	1.1438E-05	2.79E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.87E-11	1,000,000	4.87E-05
145	0.23063	1.1438E-05	2.64E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.60E-11	1,000,000	4.60E-05
146	0.21826	1.1438E-05	2.50E-06	6.05E-04	1.51E-09	0.18	1.57E-01	4.35E-11	1,000,000	4.35E-05
147	0.207	1.1438E-05	2.37E-06	6.05E-04	1.43E-09	0.18	1.57E-01	4.13E-11	1,000,000	4.13E-05
148	0.24394	1.1438E-05	2.79E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.86E-11	1,000,000	4.86E-05
149	0.23047	1.1438E-05	2.64E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.60E-11	1,000,000	4.60E-05
150	0.21825	1.1438E-05	2.50E-06	6.05E-04	1.51E-09	0.18	1.57E-01	4.35E-11	1,000,000	4.35E-05
151	0.20711	1.1438E-05	2.37E-06	6.05E-04	1.43E-09	0.18	1.57E-01	4.13E-11	1,000,000	4.13E-05
152	0.24403	1.1438E-05	2.79E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.87E-11	1,000,000	4.87E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.2307	1.1438E-05	2.64E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.60E-11	1,000,000	4.60E-05
154	0.21859	1.1438E-05	2.50E-06	6.05E-04	1.51E-09	0.18	1.57E-01	4.36E-11	1,000,000	4.36E-05
155	0.20754	1.1438E-05	2.37E-06	6.05E-04	1.44E-09	0.18	1.57E-01	4.14E-11	1,000,000	4.14E-05
156	0.24454	1.1438E-05	2.80E-06	6.05E-04	1.69E-09	0.18	1.57E-01	4.88E-11	1,000,000	4.88E-05
157	0.2313	1.1438E-05	2.65E-06	6.05E-04	1.60E-09	0.18	1.57E-01	4.61E-11	1,000,000	4.61E-05
158	0.21925	1.1438E-05	2.51E-06	6.05E-04	1.52E-09	0.18	1.57E-01	4.37E-11	1,000,000	4.37E-05
159	0.20824	1.1438E-05	2.38E-06	6.05E-04	1.44E-09	0.18	1.57E-01	4.15E-11	1,000,000	4.15E-05
160	0.2454	1.1438E-05	2.81E-06	6.05E-04	1.70E-09	0.18	1.57E-01	4.89E-11	1,000,000	4.89E-05
161	0.23217	1.1438E-05	2.66E-06	6.05E-04	1.61E-09	0.18	1.57E-01	4.63E-11	1,000,000	4.63E-05
162	0.22011	1.1438E-05	2.52E-06	6.05E-04	1.52E-09	0.18	1.57E-01	4.39E-11	1,000,000	4.39E-05
163	0.21031	1.1438E-05	2.41E-06	6.05E-04	1.46E-09	0.18	1.57E-01	4.19E-11	1,000,000	4.19E-05
164	0.24643	1.1438E-05	2.82E-06	6.05E-04	1.71E-09	0.18	1.57E-01	4.91E-11	1,000,000	4.91E-05
165	0.23314	1.1438E-05	2.67E-06	6.05E-04	1.61E-09	0.18	1.57E-01	4.65E-11	1,000,000	4.65E-05
166	0.22322	1.1438E-05	2.55E-06	6.05E-04	1.54E-09	0.18	1.57E-01	4.45E-11	1,000,000	4.45E-05
167	0.21225	1.1438E-05	2.43E-06	6.05E-04	1.47E-09	0.18	1.57E-01	4.23E-11	1,000,000	4.23E-05
168	0.24741	1.1438E-05	2.83E-06	6.05E-04	1.71E-09	0.18	1.57E-01	4.93E-11	1,000,000	4.93E-05
169	0.234	1.1438E-05	2.68E-06	6.05E-04	1.62E-09	0.18	1.57E-01	4.67E-11	1,000,000	4.67E-05
170	0.22438	1.1438E-05	2.57E-06	6.05E-04	1.55E-09	0.18	1.57E-01	4.47E-11	1,000,000	4.47E-05
171	0.21306	1.1438E-05	2.44E-06	6.05E-04	1.47E-09	0.18	1.57E-01	4.25E-11	1,000,000	4.25E-05
172	0.24817	1.1438E-05	2.84E-06	6.05E-04	1.72E-09	0.18	1.57E-01	4.95E-11	1,000,000	4.95E-05
173	0.23464	1.1438E-05	2.68E-06	6.05E-04	1.62E-09	0.18	1.57E-01	4.68E-11	1,000,000	4.68E-05
174	0.22487	1.1438E-05	2.57E-06	6.05E-04	1.56E-09	0.18	1.57E-01	4.48E-11	1,000,000	4.48E-05
175	0.21357	1.1438E-05	2.44E-06	6.05E-04	1.48E-09	0.18	1.57E-01	4.26E-11	1,000,000	4.26E-05
176	0.2486	1.1438E-05	2.84E-06	6.05E-04	1.72E-09	0.18	1.57E-01	4.96E-11	1,000,000	4.96E-05
177	0.23496	1.1438E-05	2.69E-06	6.05E-04	1.63E-09	0.18	1.57E-01	4.68E-11	1,000,000	4.68E-05
178	0.22516	1.1438E-05	2.58E-06	6.05E-04	1.56E-09	0.18	1.57E-01	4.49E-11	1,000,000	4.49E-05
179	0.21378	1.1438E-05	2.45E-06	6.05E-04	1.48E-09	0.18	1.57E-01	4.26E-11	1,000,000	4.26E-05
180	0.24865	1.1438E-05	2.84E-06	6.05E-04	1.72E-09	0.18	1.57E-01	4.96E-11	1,000,000	4.96E-05
181	0.23692	1.1438E-05	2.71E-06	6.05E-04	1.64E-09	0.18	1.57E-01	4.72E-11	1,000,000	4.72E-05
182	0.22529	1.1438E-05	2.58E-06	6.05E-04	1.56E-09	0.18	1.57E-01	4.49E-11	1,000,000	4.49E-05
183	0.2137	1.1438E-05	2.44E-06	6.05E-04	1.48E-09	0.18	1.57E-01	4.26E-11	1,000,000	4.26E-05
184	0.26107	1.1438E-05	2.99E-06	6.05E-04	1.81E-09	0.18	1.57E-01	5.21E-11	1,000,000	5.21E-05
185	0.28191	1.1438E-05	3.22E-06	6.05E-04	1.95E-09	0.18	1.57E-01	5.62E-11	1,000,000	5.62E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.26509	1.1438E-05	3.03E-06	6.05E-04	1.83E-09	0.18	1.57E-01	5.29E-11	1,000,000	5.29E-05
187	0.24986	1.1438E-05	2.86E-06	6.05E-04	1.73E-09	0.18	1.57E-01	4.98E-11	1,000,000	4.98E-05
188	0.23834	1.1438E-05	2.73E-06	6.05E-04	1.65E-09	0.18	1.57E-01	4.75E-11	1,000,000	4.75E-05
189	0.297	1.1438E-05	3.40E-06	6.05E-04	2.06E-09	0.18	1.57E-01	5.92E-11	1,000,000	5.92E-05
190	0.28119	1.1438E-05	3.22E-06	6.05E-04	1.95E-09	0.18	1.57E-01	5.61E-11	1,000,000	5.61E-05
191	0.26437	1.1438E-05	3.02E-06	6.05E-04	1.83E-09	0.18	1.57E-01	5.27E-11	1,000,000	5.27E-05
192	0.24916	1.1438E-05	2.85E-06	6.05E-04	1.72E-09	0.18	1.57E-01	4.97E-11	1,000,000	4.97E-05
193	0.23834	1.1438E-05	2.73E-06	6.05E-04	1.65E-09	0.18	1.57E-01	4.75E-11	1,000,000	4.75E-05
194	0.2981	1.1438E-05	3.41E-06	6.05E-04	2.06E-09	0.18	1.57E-01	5.94E-11	1,000,000	5.94E-05
195	0.27956	1.1438E-05	3.20E-06	6.05E-04	1.93E-09	0.18	1.57E-01	5.57E-11	1,000,000	5.57E-05
196	0.26464	1.1438E-05	3.03E-06	6.05E-04	1.83E-09	0.18	1.57E-01	5.28E-11	1,000,000	5.28E-05
197	0.25078	1.1438E-05	2.87E-06	6.05E-04	1.74E-09	0.18	1.57E-01	5.00E-11	1,000,000	5.00E-05
198	0.23696	1.1438E-05	2.71E-06	6.05E-04	1.64E-09	0.18	1.57E-01	4.72E-11	1,000,000	4.72E-05
199	0.29515	1.1438E-05	3.38E-06	6.05E-04	2.04E-09	0.18	1.57E-01	5.88E-11	1,000,000	5.88E-05
200	0.27687	1.1438E-05	3.17E-06	6.05E-04	1.92E-09	0.18	1.57E-01	5.52E-11	1,000,000	5.52E-05
201	0.26257	1.1438E-05	3.00E-06	6.05E-04	1.82E-09	0.18	1.57E-01	5.24E-11	1,000,000	5.24E-05
202	0.24839	1.1438E-05	2.84E-06	6.05E-04	1.72E-09	0.18	1.57E-01	4.95E-11	1,000,000	4.95E-05
203	0.23493	1.1438E-05	2.69E-06	6.05E-04	1.63E-09	0.18	1.57E-01	4.68E-11	1,000,000	4.68E-05
204	0.37268	1.1438E-05	4.26E-06	6.05E-04	2.58E-09	0.18	1.57E-01	7.43E-11	1,000,000	7.43E-05
205	0.29104	1.1438E-05	3.33E-06	6.05E-04	2.01E-09	0.18	1.57E-01	5.80E-11	1,000,000	5.80E-05
206	0.27313	1.1438E-05	3.12E-06	6.05E-04	1.89E-09	0.18	1.57E-01	5.45E-11	1,000,000	5.45E-05
207	0.25972	1.1438E-05	2.97E-06	6.05E-04	1.80E-09	0.18	1.57E-01	5.18E-11	1,000,000	5.18E-05
208	0.24498	1.1438E-05	2.80E-06	6.05E-04	1.70E-09	0.18	1.57E-01	4.88E-11	1,000,000	4.88E-05
209	0.36702	1.1438E-05	4.20E-06	6.05E-04	2.54E-09	0.18	1.57E-01	7.32E-11	1,000,000	7.32E-05
210	0.34854	1.1438E-05	3.99E-06	6.05E-04	2.41E-09	0.18	1.57E-01	6.95E-11	1,000,000	6.95E-05
211	0.32726	1.1438E-05	3.74E-06	6.05E-04	2.26E-09	0.18	1.57E-01	6.53E-11	1,000,000	6.53E-05
212	0.30552	1.1438E-05	3.49E-06	6.05E-04	2.11E-09	0.18	1.57E-01	6.09E-11	1,000,000	6.09E-05
213	0.28608	1.1438E-05	3.27E-06	6.05E-04	1.98E-09	0.18	1.57E-01	5.70E-11	1,000,000	5.70E-05
214	0.27047	1.1438E-05	3.09E-06	6.05E-04	1.87E-09	0.18	1.57E-01	5.39E-11	1,000,000	5.39E-05
215	0.25523	1.1438E-05	2.92E-06	6.05E-04	1.77E-09	0.18	1.57E-01	5.09E-11	1,000,000	5.09E-05
216	0.41463	1.1438E-05	4.74E-06	6.05E-04	2.87E-09	0.18	1.57E-01	8.27E-11	1,000,000	8.27E-05
217	0.38214	1.1438E-05	4.37E-06	6.05E-04	2.64E-09	0.18	1.57E-01	7.62E-11	1,000,000	7.62E-05
218	0.36277	1.1438E-05	4.15E-06	6.05E-04	2.51E-09	0.18	1.57E-01	7.23E-11	1,000,000	7.23E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.33698	1.1438E-05	3.85E-06	6.05E-04	2.33E-09	0.18	1.57E-01	6.72E-11	1,000,000	6.72E-05
220	0.31569	1.1438E-05	3.61E-06	6.05E-04	2.18E-09	0.18	1.57E-01	6.29E-11	1,000,000	6.29E-05
221	0.29564	1.1438E-05	3.38E-06	6.05E-04	2.05E-09	0.18	1.57E-01	5.89E-11	1,000,000	5.89E-05
222	0.40321	1.1438E-05	4.61E-06	6.05E-04	2.79E-09	0.18	1.57E-01	8.04E-11	1,000,000	8.04E-05
223	0.3788	1.1438E-05	4.33E-06	6.05E-04	2.62E-09	0.18	1.57E-01	7.55E-11	1,000,000	7.55E-05
224	0.35392	1.1438E-05	4.05E-06	6.05E-04	2.45E-09	0.18	1.57E-01	7.06E-11	1,000,000	7.06E-05
225	0.32931	1.1438E-05	3.77E-06	6.05E-04	2.28E-09	0.18	1.57E-01	6.57E-11	1,000,000	6.57E-05
226	0.30924	1.1438E-05	3.54E-06	6.05E-04	2.14E-09	0.18	1.57E-01	6.17E-11	1,000,000	6.17E-05
227	0.39512	1.1438E-05	4.52E-06	6.05E-04	2.73E-09	0.18	1.57E-01	7.88E-11	1,000,000	7.88E-05
228	0.36997	1.1438E-05	4.23E-06	6.05E-04	2.56E-09	0.18	1.57E-01	7.38E-11	1,000,000	7.38E-05
229	0.34538	1.1438E-05	3.95E-06	6.05E-04	2.39E-09	0.18	1.57E-01	6.89E-11	1,000,000	6.89E-05
230	0.32322	1.1438E-05	3.70E-06	6.05E-04	2.24E-09	0.18	1.57E-01	6.44E-11	1,000,000	6.44E-05
231	0.38118	1.1438E-05	4.36E-06	6.05E-04	2.64E-09	0.18	1.57E-01	7.60E-11	1,000,000	7.60E-05
232	0.35682	1.1438E-05	4.08E-06	6.05E-04	2.47E-09	0.18	1.57E-01	7.11E-11	1,000,000	7.11E-05
233	0.33452	1.1438E-05	3.83E-06	6.05E-04	2.32E-09	0.18	1.57E-01	6.67E-11	1,000,000	6.67E-05
234	0.31412	1.1438E-05	3.59E-06	6.05E-04	2.17E-09	0.18	1.57E-01	6.26E-11	1,000,000	6.26E-05
235	0.36508	1.1438E-05	4.18E-06	6.05E-04	2.53E-09	0.18	1.57E-01	7.28E-11	1,000,000	7.28E-05
236	0.34206	1.1438E-05	3.91E-06	6.05E-04	2.37E-09	0.18	1.57E-01	6.82E-11	1,000,000	6.82E-05
237	0.32261	1.1438E-05	3.69E-06	6.05E-04	2.23E-09	0.18	1.57E-01	6.43E-11	1,000,000	6.43E-05
238	0.3036	1.1438E-05	3.47E-06	6.05E-04	2.10E-09	0.18	1.57E-01	6.05E-11	1,000,000	6.05E-05
239	0.34653	1.1438E-05	3.96E-06	6.05E-04	2.40E-09	0.18	1.57E-01	6.91E-11	1,000,000	6.91E-05
240	0.32665	1.1438E-05	3.74E-06	6.05E-04	2.26E-09	0.18	1.57E-01	6.51E-11	1,000,000	6.51E-05
241	0.30898	1.1438E-05	3.53E-06	6.05E-04	2.14E-09	0.18	1.57E-01	6.16E-11	1,000,000	6.16E-05
242	0.29175	1.1438E-05	3.34E-06	6.05E-04	2.02E-09	0.18	1.57E-01	5.82E-11	1,000,000	5.82E-05
243	0.59444	1.1438E-05	6.80E-06	6.05E-04	4.11E-09	0.18	1.57E-01	1.19E-10	1,000,000	1.19E-04
244	0.54212	1.1438E-05	6.20E-06	6.05E-04	3.75E-09	0.18	1.57E-01	1.08E-10	1,000,000	1.08E-04
245	0.49704	1.1438E-05	5.69E-06	6.05E-04	3.44E-09	0.18	1.57E-01	9.91E-11	1,000,000	9.91E-05
246	0.45803	1.1438E-05	5.24E-06	6.05E-04	3.17E-09	0.18	1.57E-01	9.13E-11	1,000,000	9.13E-05
247	0.42484	1.1438E-05	4.86E-06	6.05E-04	2.94E-09	0.18	1.57E-01	8.47E-11	1,000,000	8.47E-05
248	0.39537	1.1438E-05	4.52E-06	6.05E-04	2.74E-09	0.18	1.57E-01	7.88E-11	1,000,000	7.88E-05
249	0.37288	1.1438E-05	4.26E-06	6.05E-04	2.58E-09	0.18	1.57E-01	7.43E-11	1,000,000	7.43E-05
250	0.55144	1.1438E-05	6.31E-06	6.05E-04	3.82E-09	0.18	1.57E-01	1.10E-10	1,000,000	1.10E-04
251	0.50506	1.1438E-05	5.78E-06	6.05E-04	3.50E-09	0.18	1.57E-01	1.01E-10	1,000,000	1.01E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.46467	1.1438E-05	5.31E-06	6.05E-04	3.22E-09	0.18	1.57E-01	9.26E-11	1,000,000	9.26E-05
253	0.42941	1.1438E-05	4.91E-06	6.05E-04	2.97E-09	0.18	1.57E-01	8.56E-11	1,000,000	8.56E-05
254	0.39921	1.1438E-05	4.57E-06	6.05E-04	2.76E-09	0.18	1.57E-01	7.96E-11	1,000,000	7.96E-05
255	0.37236	1.1438E-05	4.26E-06	6.05E-04	2.58E-09	0.18	1.57E-01	7.42E-11	1,000,000	7.42E-05
256	0.35194	1.1438E-05	4.03E-06	6.05E-04	2.44E-09	0.18	1.57E-01	7.02E-11	1,000,000	7.02E-05
257	0.5131	1.1438E-05	5.87E-06	6.05E-04	3.55E-09	0.18	1.57E-01	1.02E-10	1,000,000	1.02E-04
258	0.47173	1.1438E-05	5.40E-06	6.05E-04	3.26E-09	0.18	1.57E-01	9.41E-11	1,000,000	9.41E-05
259	0.43539	1.1438E-05	4.98E-06	6.05E-04	3.01E-09	0.18	1.57E-01	8.68E-11	1,000,000	8.68E-05
260	0.40343	1.1438E-05	4.61E-06	6.05E-04	2.79E-09	0.18	1.57E-01	8.04E-11	1,000,000	8.04E-05
261	0.3757	1.1438E-05	4.30E-06	6.05E-04	2.60E-09	0.18	1.57E-01	7.49E-11	1,000,000	7.49E-05
262	0.35107	1.1438E-05	4.02E-06	6.05E-04	2.43E-09	0.18	1.57E-01	7.00E-11	1,000,000	7.00E-05
263	0.33149	1.1438E-05	3.79E-06	6.05E-04	2.29E-09	0.18	1.57E-01	6.61E-11	1,000,000	6.61E-05
264	0.47986	1.1438E-05	5.49E-06	6.05E-04	3.32E-09	0.18	1.57E-01	9.57E-11	1,000,000	9.57E-05
265	0.44212	1.1438E-05	5.06E-06	6.05E-04	3.06E-09	0.18	1.57E-01	8.82E-11	1,000,000	8.82E-05
266	0.40911	1.1438E-05	4.68E-06	6.05E-04	2.83E-09	0.18	1.57E-01	8.16E-11	1,000,000	8.16E-05
267	0.38001	1.1438E-05	4.35E-06	6.05E-04	2.63E-09	0.18	1.57E-01	7.58E-11	1,000,000	7.58E-05
268	0.35424	1.1438E-05	4.05E-06	6.05E-04	2.45E-09	0.18	1.57E-01	7.06E-11	1,000,000	7.06E-05
269	0.33127	1.1438E-05	3.79E-06	6.05E-04	2.29E-09	0.18	1.57E-01	6.60E-11	1,000,000	6.60E-05
270	0.31238	1.1438E-05	3.57E-06	6.05E-04	2.16E-09	0.18	1.57E-01	6.23E-11	1,000,000	6.23E-05
271	0.4495	1.1438E-05	5.14E-06	6.05E-04	3.11E-09	0.18	1.57E-01	8.96E-11	1,000,000	8.96E-05
272	0.41557	1.1438E-05	4.75E-06	6.05E-04	2.88E-09	0.18	1.57E-01	8.29E-11	1,000,000	8.29E-05
273	0.38561	1.1438E-05	4.41E-06	6.05E-04	2.67E-09	0.18	1.57E-01	7.69E-11	1,000,000	7.69E-05
274	0.35898	1.1438E-05	4.11E-06	6.05E-04	2.48E-09	0.18	1.57E-01	7.16E-11	1,000,000	7.16E-05
275	0.33522	1.1438E-05	3.83E-06	6.05E-04	2.32E-09	0.18	1.57E-01	6.68E-11	1,000,000	6.68E-05
276	0.31406	1.1438E-05	3.59E-06	6.05E-04	2.17E-09	0.18	1.57E-01	6.26E-11	1,000,000	6.26E-05
277	0.29576	1.1438E-05	3.38E-06	6.05E-04	2.05E-09	0.18	1.57E-01	5.90E-11	1,000,000	5.90E-05
278	5.95238	1.1438E-05	6.81E-05	6.05E-04	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
279	5.19535	1.1438E-05	5.94E-05	6.05E-04	3.60E-08	0.18	1.57E-01	1.04E-09	1,000,000	1.04E-03
280	3.9294	1.1438E-05	4.49E-05	6.05E-04	2.72E-08	0.18	1.57E-01	7.83E-10	1,000,000	7.83E-04
281	3.58526	1.1438E-05	4.10E-05	6.05E-04	2.48E-08	0.18	1.57E-01	7.15E-10	1,000,000	7.15E-04
282	3.41877	1.1438E-05	3.91E-05	6.05E-04	2.37E-08	0.18	1.57E-01	6.82E-10	1,000,000	6.82E-04
283	3.79059	1.1438E-05	4.34E-05	6.05E-04	2.62E-08	0.18	1.57E-01	7.56E-10	1,000,000	7.56E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	0.5382	1.1438E-05	6.16E-06	6.05E-04	3.72E-09	0.18	4.71E-02	3.22E-11	1,000,000	3.22E-05
27	0.53024	1.1438E-05	6.06E-06	6.05E-04	3.67E-09	0.18	4.71E-02	3.17E-11	1,000,000	3.17E-05
28	0.52143	1.1438E-05	5.96E-06	6.05E-04	3.61E-09	0.18	4.71E-02	3.12E-11	1,000,000	3.12E-05
29	0.51188	1.1438E-05	5.85E-06	6.05E-04	3.54E-09	0.18	4.71E-02	3.06E-11	1,000,000	3.06E-05
30	0.5017	1.1438E-05	5.74E-06	6.05E-04	3.47E-09	0.18	4.71E-02	3.00E-11	1,000,000	3.00E-05
31	0.49103	1.1438E-05	5.62E-06	6.05E-04	3.40E-09	0.18	4.71E-02	2.94E-11	1,000,000	2.94E-05
32	0.47996	1.1438E-05	5.49E-06	6.05E-04	3.32E-09	0.18	4.71E-02	2.87E-11	1,000,000	2.87E-05
33	0.46862	1.1438E-05	5.36E-06	6.05E-04	3.24E-09	0.18	4.71E-02	2.80E-11	1,000,000	2.80E-05
34	0.4571	1.1438E-05	5.23E-06	6.05E-04	3.16E-09	0.18	4.71E-02	2.73E-11	1,000,000	2.73E-05
35	0.44529	1.1438E-05	5.09E-06	6.05E-04	3.08E-09	0.18	4.71E-02	2.66E-11	1,000,000	2.66E-05
36	0.43349	1.1438E-05	4.96E-06	6.05E-04	3.00E-09	0.18	4.71E-02	2.59E-11	1,000,000	2.59E-05
37	0.55752	1.1438E-05	6.38E-06	6.05E-04	3.86E-09	0.18	4.71E-02	3.33E-11	1,000,000	3.33E-05
38	0.54834	1.1438E-05	6.27E-06	6.05E-04	3.79E-09	0.18	4.71E-02	3.28E-11	1,000,000	3.28E-05
39	0.53831	1.1438E-05	6.16E-06	6.05E-04	3.73E-09	0.18	4.71E-02	3.22E-11	1,000,000	3.22E-05
40	0.52756	1.1438E-05	6.03E-06	6.05E-04	3.65E-09	0.18	4.71E-02	3.16E-11	1,000,000	3.16E-05
41	0.51622	1.1438E-05	5.90E-06	6.05E-04	3.57E-09	0.18	4.71E-02	3.09E-11	1,000,000	3.09E-05
42	0.50442	1.1438E-05	5.77E-06	6.05E-04	3.49E-09	0.18	4.71E-02	3.02E-11	1,000,000	3.02E-05
43	0.49229	1.1438E-05	5.63E-06	6.05E-04	3.41E-09	0.18	4.71E-02	2.94E-11	1,000,000	2.94E-05
44	0.47994	1.1438E-05	5.49E-06	6.05E-04	3.32E-09	0.18	4.71E-02	2.87E-11	1,000,000	2.87E-05
45	0.46748	1.1438E-05	5.35E-06	6.05E-04	3.24E-09	0.18	4.71E-02	2.80E-11	1,000,000	2.80E-05
46	0.4548	1.1438E-05	5.20E-06	6.05E-04	3.15E-09	0.18	4.71E-02	2.72E-11	1,000,000	2.72E-05
47	0.44218	1.1438E-05	5.06E-06	6.05E-04	3.06E-09	0.18	4.71E-02	2.64E-11	1,000,000	2.64E-05
48	0.57749	1.1438E-05	6.61E-06	6.05E-04	4.00E-09	0.18	4.71E-02	3.45E-11	1,000,000	3.45E-05
49	0.56698	1.1438E-05	6.49E-06	6.05E-04	3.92E-09	0.18	4.71E-02	3.39E-11	1,000,000	3.39E-05
50	0.55562	1.1438E-05	6.36E-06	6.05E-04	3.85E-09	0.18	4.71E-02	3.32E-11	1,000,000	3.32E-05
51	0.54357	1.1438E-05	6.22E-06	6.05E-04	3.76E-09	0.18	4.71E-02	3.25E-11	1,000,000	3.25E-05
52	0.53097	1.1438E-05	6.07E-06	6.05E-04	3.67E-09	0.18	4.71E-02	3.18E-11	1,000,000	3.18E-05
53	0.51797	1.1438E-05	5.92E-06	6.05E-04	3.58E-09	0.18	4.71E-02	3.10E-11	1,000,000	3.10E-05
54	0.50471	1.1438E-05	5.77E-06	6.05E-04	3.49E-09	0.18	4.71E-02	3.02E-11	1,000,000	3.02E-05
55	0.4913	1.1438E-05	5.62E-06	6.05E-04	3.40E-09	0.18	4.71E-02	2.94E-11	1,000,000	2.94E-05
56	0.47787	1.1438E-05	5.47E-06	6.05E-04	3.31E-09	0.18	4.71E-02	2.86E-11	1,000,000	2.86E-05
57	0.46428	1.1438E-05	5.31E-06	6.05E-04	3.21E-09	0.18	4.71E-02	2.78E-11	1,000,000	2.78E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	0.45083	1.1438E-05	5.16E-06	6.05E-04	3.12E-09	0.18	4.71E-02	2.70E-11	1,000,000	2.70E-05
59	0.59812	1.1438E-05	6.84E-06	6.05E-04	4.14E-09	0.18	4.71E-02	3.58E-11	1,000,000	3.58E-05
60	0.58612	1.1438E-05	6.70E-06	6.05E-04	4.06E-09	0.18	4.71E-02	3.51E-11	1,000,000	3.51E-05
61	0.5733	1.1438E-05	6.56E-06	6.05E-04	3.97E-09	0.18	4.71E-02	3.43E-11	1,000,000	3.43E-05
62	0.55985	1.1438E-05	6.40E-06	6.05E-04	3.87E-09	0.18	4.71E-02	3.35E-11	1,000,000	3.35E-05
63	0.54591	1.1438E-05	6.24E-06	6.05E-04	3.78E-09	0.18	4.71E-02	3.27E-11	1,000,000	3.27E-05
64	0.53164	1.1438E-05	6.08E-06	6.05E-04	3.68E-09	0.18	4.71E-02	3.18E-11	1,000,000	3.18E-05
65	0.51719	1.1438E-05	5.92E-06	6.05E-04	3.58E-09	0.18	4.71E-02	3.09E-11	1,000,000	3.09E-05
66	0.50268	1.1438E-05	5.75E-06	6.05E-04	3.48E-09	0.18	4.71E-02	3.01E-11	1,000,000	3.01E-05
67	0.48823	1.1438E-05	5.58E-06	6.05E-04	3.38E-09	0.18	4.71E-02	2.92E-11	1,000,000	2.92E-05
68	0.4737	1.1438E-05	5.42E-06	6.05E-04	3.28E-09	0.18	4.71E-02	2.83E-11	1,000,000	2.83E-05
69	0.45939	1.1438E-05	5.25E-06	6.05E-04	3.18E-09	0.18	4.71E-02	2.75E-11	1,000,000	2.75E-05
70	0.61936	1.1438E-05	7.08E-06	6.05E-04	4.29E-09	0.18	4.71E-02	3.70E-11	1,000,000	3.70E-05
71	0.60574	1.1438E-05	6.93E-06	6.05E-04	4.19E-09	0.18	4.71E-02	3.62E-11	1,000,000	3.62E-05
72	0.59134	1.1438E-05	6.76E-06	6.05E-04	4.09E-09	0.18	4.71E-02	3.54E-11	1,000,000	3.54E-05
73	0.57637	1.1438E-05	6.59E-06	6.05E-04	3.99E-09	0.18	4.71E-02	3.45E-11	1,000,000	3.45E-05
74	0.561	1.1438E-05	6.42E-06	6.05E-04	3.88E-09	0.18	4.71E-02	3.36E-11	1,000,000	3.36E-05
75	0.54539	1.1438E-05	6.24E-06	6.05E-04	3.77E-09	0.18	4.71E-02	3.26E-11	1,000,000	3.26E-05
76	0.5297	1.1438E-05	6.06E-06	6.05E-04	3.67E-09	0.18	4.71E-02	3.17E-11	1,000,000	3.17E-05
77	0.51405	1.1438E-05	5.88E-06	6.05E-04	3.56E-09	0.18	4.71E-02	3.07E-11	1,000,000	3.07E-05
78	0.49854	1.1438E-05	5.70E-06	6.05E-04	3.45E-09	0.18	4.71E-02	2.98E-11	1,000,000	2.98E-05
79	0.48304	1.1438E-05	5.52E-06	6.05E-04	3.34E-09	0.18	4.71E-02	2.89E-11	1,000,000	2.89E-05
80	0.46785	1.1438E-05	5.35E-06	6.05E-04	3.24E-09	0.18	4.71E-02	2.80E-11	1,000,000	2.80E-05
81	0.64119	1.1438E-05	7.33E-06	6.05E-04	4.44E-09	0.18	4.71E-02	3.84E-11	1,000,000	3.84E-05
82	0.62579	1.1438E-05	7.16E-06	6.05E-04	4.33E-09	0.18	4.71E-02	3.74E-11	1,000,000	3.74E-05
83	0.60969	1.1438E-05	6.97E-06	6.05E-04	4.22E-09	0.18	4.71E-02	3.65E-11	1,000,000	3.65E-05
84	0.59309	1.1438E-05	6.78E-06	6.05E-04	4.10E-09	0.18	4.71E-02	3.55E-11	1,000,000	3.55E-05
85	0.5762	1.1438E-05	6.59E-06	6.05E-04	3.99E-09	0.18	4.71E-02	3.45E-11	1,000,000	3.45E-05
86	0.55918	1.1438E-05	6.40E-06	6.05E-04	3.87E-09	0.18	4.71E-02	3.34E-11	1,000,000	3.34E-05
87	0.54219	1.1438E-05	6.20E-06	6.05E-04	3.75E-09	0.18	4.71E-02	3.24E-11	1,000,000	3.24E-05
88	0.52535	1.1438E-05	6.01E-06	6.05E-04	3.64E-09	0.18	4.71E-02	3.14E-11	1,000,000	3.14E-05
89	0.50876	1.1438E-05	5.82E-06	6.05E-04	3.52E-09	0.18	4.71E-02	3.04E-11	1,000,000	3.04E-05
90	0.49226	1.1438E-05	5.63E-06	6.05E-04	3.41E-09	0.18	4.71E-02	2.94E-11	1,000,000	2.94E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	0.47617	1.1438E-05	5.45E-06	6.05E-04	3.30E-09	0.18	4.71E-02	2.85E-11	1,000,000	2.85E-05
92	0.66357	1.1438E-05	7.59E-06	6.05E-04	4.59E-09	0.18	4.71E-02	3.97E-11	1,000,000	3.97E-05
93	0.64623	1.1438E-05	7.39E-06	6.05E-04	4.47E-09	0.18	4.71E-02	3.87E-11	1,000,000	3.87E-05
94	0.62829	1.1438E-05	7.19E-06	6.05E-04	4.35E-09	0.18	4.71E-02	3.76E-11	1,000,000	3.76E-05
95	0.60997	1.1438E-05	6.98E-06	6.05E-04	4.22E-09	0.18	4.71E-02	3.65E-11	1,000,000	3.65E-05
96	0.59147	1.1438E-05	6.77E-06	6.05E-04	4.09E-09	0.18	4.71E-02	3.54E-11	1,000,000	3.54E-05
97	0.57297	1.1438E-05	6.55E-06	6.05E-04	3.97E-09	0.18	4.71E-02	3.43E-11	1,000,000	3.43E-05
98	0.55462	1.1438E-05	6.34E-06	6.05E-04	3.84E-09	0.18	4.71E-02	3.32E-11	1,000,000	3.32E-05
99	0.53655	1.1438E-05	6.14E-06	6.05E-04	3.71E-09	0.18	4.71E-02	3.21E-11	1,000,000	3.21E-05
100	0.51884	1.1438E-05	5.93E-06	6.05E-04	3.59E-09	0.18	4.71E-02	3.10E-11	1,000,000	3.10E-05
101	0.50132	1.1438E-05	5.73E-06	6.05E-04	3.47E-09	0.18	4.71E-02	3.00E-11	1,000,000	3.00E-05
102	0.48429	1.1438E-05	5.54E-06	6.05E-04	3.35E-09	0.18	4.71E-02	2.90E-11	1,000,000	2.90E-05
103	0.62407	1.1438E-05	7.14E-06	6.05E-04	4.32E-09	0.18	4.71E-02	3.73E-11	1,000,000	3.73E-05
104	0.60459	1.1438E-05	6.92E-06	6.05E-04	4.18E-09	0.18	4.71E-02	3.62E-11	1,000,000	3.62E-05
105	0.58516	1.1438E-05	6.69E-06	6.05E-04	4.05E-09	0.18	4.71E-02	3.50E-11	1,000,000	3.50E-05
106	0.5652	1.1438E-05	6.46E-06	6.05E-04	3.91E-09	0.18	4.71E-02	3.38E-11	1,000,000	3.38E-05
107	0.5476	1.1438E-05	6.26E-06	6.05E-04	3.79E-09	0.18	4.71E-02	3.28E-11	1,000,000	3.28E-05
108	0.52874	1.1438E-05	6.05E-06	6.05E-04	3.66E-09	0.18	4.71E-02	3.16E-11	1,000,000	3.16E-05
109	0.51016	1.1438E-05	5.84E-06	6.05E-04	3.53E-09	0.18	4.71E-02	3.05E-11	1,000,000	3.05E-05
110	0.49218	1.1438E-05	5.63E-06	6.05E-04	3.41E-09	0.18	4.71E-02	2.94E-11	1,000,000	2.94E-05
111	0.64321	1.1438E-05	7.36E-06	6.05E-04	4.45E-09	0.18	4.71E-02	3.85E-11	1,000,000	3.85E-05
112	0.66507	1.1438E-05	7.61E-06	6.05E-04	4.60E-09	0.18	4.71E-02	3.98E-11	1,000,000	3.98E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School - Teacher				
26	0.5382	1.1438E-05	2.1807E-05	2.50E-04	5.46E-09	0.18	1.57E-02	1.57E-11	1,000,000	1.57E-05
27	0.53024	1.1438E-05	2.401E-05	2.50E-04	6.01E-09	0.18	1.57E-02	1.73E-11	1,000,000	1.73E-05
28	0.52143	1.1438E-05	2.6354E-05	2.50E-04	6.60E-09	0.18	1.57E-02	1.90E-11	1,000,000	1.90E-05
29	0.51188	1.1438E-05	2.872E-05	2.50E-04	7.19E-09	0.18	1.57E-02	2.07E-11	1,000,000	2.07E-05
30	0.5017	1.1438E-05	3.0978E-05	2.50E-04	7.75E-09	0.18	1.57E-02	2.23E-11	1,000,000	2.23E-05
31	0.49103	1.1438E-05	3.3021E-05	2.50E-04	8.26E-09	0.18	1.57E-02	2.38E-11	1,000,000	2.38E-05
32	0.47996	1.1438E-05	3.4764E-05	2.50E-04	8.70E-09	0.18	1.57E-02	2.51E-11	1,000,000	2.51E-05
33	0.46862	1.1438E-05	3.6158E-05	2.50E-04	9.05E-09	0.18	1.57E-02	2.61E-11	1,000,000	2.61E-05
34	0.4571	1.1438E-05	3.7174E-05	2.50E-04	9.30E-09	0.18	1.57E-02	2.68E-11	1,000,000	2.68E-05
35	0.44529	1.1438E-05	3.7812E-05	2.50E-04	9.46E-09	0.18	1.57E-02	2.73E-11	1,000,000	2.73E-05
36	0.43349	1.1438E-05	3.8015E-05	2.50E-04	9.51E-09	0.18	1.57E-02	2.74E-11	1,000,000	2.74E-05
37	0.55752	1.1438E-05	2.4826E-05	2.50E-04	6.21E-09	0.18	1.57E-02	1.79E-11	1,000,000	1.79E-05
38	0.54834	1.1438E-05	2.7657E-05	2.50E-04	6.92E-09	0.18	1.57E-02	1.99E-11	1,000,000	1.99E-05
39	0.53831	1.1438E-05	3.0688E-05	2.50E-04	7.68E-09	0.18	1.57E-02	2.21E-11	1,000,000	2.21E-05
40	0.52756	1.1438E-05	3.372E-05	2.50E-04	8.44E-09	0.18	1.57E-02	2.43E-11	1,000,000	2.43E-05
41	0.51622	1.1438E-05	3.6543E-05	2.50E-04	9.15E-09	0.18	1.57E-02	2.63E-11	1,000,000	2.63E-05
42	0.50442	1.1438E-05	3.8992E-05	2.50E-04	9.76E-09	0.18	1.57E-02	2.81E-11	1,000,000	2.81E-05
43	0.49229	1.1438E-05	4.0974E-05	2.50E-04	1.03E-08	0.18	1.57E-02	2.95E-11	1,000,000	2.95E-05
44	0.47994	1.1438E-05	4.2465E-05	2.50E-04	1.06E-08	0.18	1.57E-02	3.06E-11	1,000,000	3.06E-05
45	0.46748	1.1438E-05	4.3473E-05	2.50E-04	1.09E-08	0.18	1.57E-02	3.13E-11	1,000,000	3.13E-05
46	0.4548	1.1438E-05	4.4022E-05	2.50E-04	1.10E-08	0.18	1.57E-02	3.17E-11	1,000,000	3.17E-05
47	0.44218	1.1438E-05	4.404E-05	2.50E-04	1.10E-08	0.18	1.57E-02	3.18E-11	1,000,000	3.18E-05
48	0.57749	1.1438E-05	2.8655E-05	2.50E-04	7.17E-09	0.18	1.57E-02	2.07E-11	1,000,000	2.07E-05
49	0.56698	1.1438E-05	3.241E-05	2.50E-04	8.11E-09	0.18	1.57E-02	2.34E-11	1,000,000	2.34E-05
50	0.55562	1.1438E-05	3.6459E-05	2.50E-04	9.12E-09	0.18	1.57E-02	2.63E-11	1,000,000	2.63E-05
51	0.54357	1.1438E-05	4.0445E-05	2.50E-04	1.01E-08	0.18	1.57E-02	2.92E-11	1,000,000	2.92E-05
52	0.53097	1.1438E-05	4.4008E-05	2.50E-04	1.10E-08	0.18	1.57E-02	3.17E-11	1,000,000	3.17E-05
53	0.51797	1.1438E-05	4.6911E-05	2.50E-04	1.17E-08	0.18	1.57E-02	3.38E-11	1,000,000	3.38E-05
54	0.50471	1.1438E-05	4.9088E-05	2.50E-04	1.23E-08	0.18	1.57E-02	3.54E-11	1,000,000	3.54E-05
55	0.4913	1.1438E-05	5.0603E-05	2.50E-04	1.27E-08	0.18	1.57E-02	3.65E-11	1,000,000	3.65E-05
56	0.47787	1.1438E-05	5.1534E-05	2.50E-04	1.29E-08	0.18	1.57E-02	3.72E-11	1,000,000	3.72E-05
57	0.46428	1.1438E-05	5.1931E-05	2.50E-04	1.30E-08	0.18	1.57E-02	3.74E-11	1,000,000	3.74E-05
58	0.45083	1.1438E-05	5.1678E-05	2.50E-04	1.29E-08	0.18	1.57E-02	3.73E-11	1,000,000	3.73E-05
59	0.59812	1.1438E-05	3.367E-05	2.50E-04	8.43E-09	0.18	1.57E-02	2.43E-11	1,000,000	2.43E-05
60	0.58612	1.1438E-05	3.8874E-05	2.50E-04	9.73E-09	0.18	1.57E-02	2.80E-11	1,000,000	2.80E-05
61	0.5733	1.1438E-05	4.4518E-05	2.50E-04	1.11E-08	0.18	1.57E-02	3.21E-11	1,000,000	3.21E-05
62	0.55985	1.1438E-05	4.9905E-05	2.50E-04	1.25E-08	0.18	1.57E-02	3.60E-11	1,000,000	3.60E-05
63	0.54591	1.1438E-05	5.4404E-05	2.50E-04	1.36E-08	0.18	1.57E-02	3.92E-11	1,000,000	3.92E-05
64	0.53164	1.1438E-05	5.7733E-05	2.50E-04	1.44E-08	0.18	1.57E-02	4.16E-11	1,000,000	4.16E-05
65	0.51719	1.1438E-05	5.997E-05	2.50E-04	1.50E-08	0.18	1.57E-02	4.32E-11	1,000,000	4.32E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	0.50268	1.1438E-05	6.1374E-05	2.50E-04	1.54E-08	0.18	1.57E-02	4.43E-11	1,000,000	4.43E-05
67	0.48823	1.1438E-05	6.214E-05	2.50E-04	1.56E-08	0.18	1.57E-02	4.48E-11	1,000,000	4.48E-05
68	0.4737	1.1438E-05	6.231E-05	2.50E-04	1.56E-08	0.18	1.57E-02	4.49E-11	1,000,000	4.49E-05
69	0.45939	1.1438E-05	6.1662E-05	2.50E-04	1.54E-08	0.18	1.57E-02	4.45E-11	1,000,000	4.45E-05
70	0.61936	1.1438E-05	4.0542E-05	2.50E-04	1.01E-08	0.18	1.57E-02	2.92E-11	1,000,000	2.92E-05
71	0.60574	1.1438E-05	4.8228E-05	2.50E-04	1.21E-08	0.18	1.57E-02	3.48E-11	1,000,000	3.48E-05
72	0.59134	1.1438E-05	5.6568E-05	2.50E-04	1.42E-08	0.18	1.57E-02	4.08E-11	1,000,000	4.08E-05
73	0.57637	1.1438E-05	6.4036E-05	2.50E-04	1.60E-08	0.18	1.57E-02	4.62E-11	1,000,000	4.62E-05
74	0.561	1.1438E-05	6.9583E-05	2.50E-04	1.74E-08	0.18	1.57E-02	5.02E-11	1,000,000	5.02E-05
75	0.54539	1.1438E-05	7.3108E-05	2.50E-04	1.83E-08	0.18	1.57E-02	5.27E-11	1,000,000	5.27E-05
76	0.5297	1.1438E-05	7.51E-05	2.50E-04	1.88E-08	0.18	1.57E-02	5.41E-11	1,000,000	5.41E-05
77	0.51405	1.1438E-05	7.619E-05	2.50E-04	1.91E-08	0.18	1.57E-02	5.49E-11	1,000,000	5.49E-05
78	0.49854	1.1438E-05	7.67E-05	2.50E-04	1.92E-08	0.18	1.57E-02	5.53E-11	1,000,000	5.53E-05
79	0.48304	1.1438E-05	7.6552E-05	2.50E-04	1.92E-08	0.18	1.57E-02	5.52E-11	1,000,000	5.52E-05
80	0.46785	1.1438E-05	7.5278E-05	2.50E-04	1.88E-08	0.18	1.57E-02	5.43E-11	1,000,000	5.43E-05
81	0.64119	1.1438E-05	5.0587E-05	2.50E-04	1.27E-08	0.18	1.57E-02	3.65E-11	1,000,000	3.65E-05
82	0.62579	1.1438E-05	6.3143E-05	2.50E-04	1.58E-08	0.18	1.57E-02	4.55E-11	1,000,000	4.55E-05
83	0.60969	1.1438E-05	7.6497E-05	2.50E-04	1.91E-08	0.18	1.57E-02	5.52E-11	1,000,000	5.52E-05
84	0.59309	1.1438E-05	8.6925E-05	2.50E-04	2.18E-08	0.18	1.57E-02	6.27E-11	1,000,000	6.27E-05
85	0.5762	1.1438E-05	9.3216E-05	2.50E-04	2.33E-08	0.18	1.57E-02	6.72E-11	1,000,000	6.72E-05
86	0.55918	1.1438E-05	9.6237E-05	2.50E-04	2.41E-08	0.18	1.57E-02	6.94E-11	1,000,000	6.94E-05
87	0.54219	1.1438E-05	9.7384E-05	2.50E-04	2.44E-08	0.18	1.57E-02	7.02E-11	1,000,000	7.02E-05
88	0.52535	1.1438E-05	9.7913E-05	2.50E-04	2.45E-08	0.18	1.57E-02	7.06E-11	1,000,000	7.06E-05
89	0.50876	1.1438E-05	9.8116E-05	2.50E-04	2.46E-08	0.18	1.57E-02	7.07E-11	1,000,000	7.07E-05
90	0.49226	1.1438E-05	9.7446E-05	2.50E-04	2.44E-08	0.18	1.57E-02	7.03E-11	1,000,000	7.03E-05
91	0.47617	1.1438E-05	9.4991E-05	2.50E-04	2.38E-08	0.18	1.57E-02	6.85E-11	1,000,000	6.85E-05
92	0.66357	1.1438E-05	6.6767E-05	2.50E-04	1.67E-08	0.18	1.57E-02	4.81E-11	1,000,000	4.81E-05
93	0.64623	1.1438E-05	9.128E-05	2.50E-04	2.28E-08	0.18	1.57E-02	6.58E-11	1,000,000	6.58E-05
94	0.62829	1.1438E-05	0.00011483	2.50E-04	2.87E-08	0.18	1.57E-02	8.28E-11	1,000,000	8.28E-05
95	0.60997	1.1438E-05	0.00012856	2.50E-04	3.22E-08	0.18	1.57E-02	9.27E-11	1,000,000	9.27E-05
96	0.59147	1.1438E-05	0.00013414	2.50E-04	3.36E-08	0.18	1.57E-02	9.67E-11	1,000,000	9.67E-05
97	0.57297	1.1438E-05	0.00013473	2.50E-04	3.37E-08	0.18	1.57E-02	9.71E-11	1,000,000	9.71E-05
98	0.55462	1.1438E-05	0.00013378	2.50E-04	3.35E-08	0.18	1.57E-02	9.65E-11	1,000,000	9.65E-05
99	0.53655	1.1438E-05	0.00013357	2.50E-04	3.34E-08	0.18	1.57E-02	9.63E-11	1,000,000	9.63E-05
100	0.51884	1.1438E-05	0.00013346	2.50E-04	3.34E-08	0.18	1.57E-02	9.62E-11	1,000,000	9.62E-05
101	0.50132	1.1438E-05	0.00013144	2.50E-04	3.29E-08	0.18	1.57E-02	9.48E-11	1,000,000	9.48E-05
102	0.48429	1.1438E-05	0.00012611	2.50E-04	3.16E-08	0.18	1.57E-02	9.09E-11	1,000,000	9.09E-05
103	0.62407	1.1438E-05	0.00016233	2.50E-04	4.06E-08	0.18	1.57E-02	1.17E-10	1,000,000	1.17E-04
104	0.60459	1.1438E-05	0.00016581	2.50E-04	4.15E-08	0.18	1.57E-02	1.20E-10	1,000,000	1.20E-04
105	0.58516	1.1438E-05	0.00017184	2.50E-04	4.30E-08	0.18	1.57E-02	1.24E-10	1,000,000	1.24E-04
106	0.5652	1.1438E-05	0.00016994	2.50E-04	4.25E-08	0.18	1.57E-02	1.23E-10	1,000,000	1.23E-04
107	0.5476	1.1438E-05	0.00017778	2.50E-04	4.45E-08	0.18	1.57E-02	1.28E-10	1,000,000	1.28E-04

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Cancer Risk From DGP2 - Birth to 2 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	0.52874	1.1438E-05	0.00017811	2.50E-04	4.46E-08	0.18	1.57E-02	1.28E-10	1,000,000	1.28E-04
109	0.51016	1.1438E-05	0.00019744	2.50E-04	4.94E-08	0.18	1.57E-02	1.42E-10	1,000,000	1.42E-04
110	0.49218	1.1438E-05	0.00018278	2.50E-04	4.57E-08	0.18	1.57E-02	1.32E-10	1,000,000	1.32E-04
111	0.64321	1.1438E-05	0.00015032	2.50E-04	3.76E-08	0.18	1.57E-02	1.08E-10	1,000,000	1.08E-04
112	0.66507	1.1438E-05	0.00011024	2.50E-04	2.76E-08	0.18	1.57E-02	7.95E-11	1,000,000	7.95E-05

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	5.7E-04	School	0.009	109	5	3.76E-06	3.29E-04	109	School
2	6.2E-04	Res	0.002	137	5	4.13E-06	1.86E-05	278	Res
3	6.9E-04	Teacher	0.00	109	5	4.59E-06	3.3E-04	109	Teacher
4	7.8E-04				5	5.18E-06			
5	9.0E-04				5	5.96E-06			
6	5.6E-04				5	3.70E-06			
7	6.1E-04				5	4.06E-06			
8	6.8E-04				5	4.50E-06			
9	7.6E-04				5	5.06E-06			
10	8.7E-04				5	5.80E-06			
11	5.5E-04				5	3.63E-06			
12	6.0E-04				5	3.97E-06			
13	6.6E-04				5	4.38E-06			
14	7.4E-04				5	4.92E-06			
15	8.4E-04				5	5.61E-06			
16	5.3E-04				5	3.55E-06			
17	5.8E-04				5	3.87E-06			
18	6.4E-04				5	4.27E-06			
19	7.2E-04				5	4.76E-06			
20	8.2E-04				5	5.42E-06			
21	5.2E-04				5	3.47E-06			
22	5.7E-04				5	3.77E-06			
23	6.3E-04				5	4.15E-06			
24	7.0E-04				5	4.62E-06			
25	7.9E-04				5	5.23E-06			
113	2.1E-03				5	1.39E-05			
114	1.9E-03				5	1.25E-05			
115	1.7E-03				5	1.14E-05			
116	1.5E-03				5	1.03E-05			
117	2.1E-03				5	1.43E-05			
118	1.9E-03				5	1.28E-05			
119	1.7E-03				5	1.15E-05			

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-03			5	1.04E-05		
121	2.2E-03			5	1.46E-05		
122	1.9E-03			5	1.30E-05		
123	1.7E-03			5	1.17E-05		
124	1.6E-03			5	1.05E-05		
125	2.2E-03			5	1.48E-05		
126	1.9E-03			5	1.32E-05		
127	1.7E-03			5	1.18E-05		
128	1.6E-03			5	1.06E-05		
129	2.2E-03			5	1.50E-05		
130	2.0E-03			5	1.33E-05		
131	1.7E-03			5	1.18E-05		
132	1.6E-03			5	1.06E-05		
133	2.2E-03			5	1.51E-05		
134	2.0E-03			5	1.33E-05		
135	1.8E-03			5	1.19E-05		
136	1.6E-03			5	1.07E-05		
137	2.2E-03			5	1.51E-05		
138	1.8E-03			5	1.19E-05		
139	1.6E-03			5	1.07E-05		
140	2.2E-03			5	1.48E-05		
141	1.9E-03			5	1.31E-05		
142	1.7E-03			5	1.17E-05		
143	1.5E-03			5	1.05E-05		
144	2.2E-03			5	1.46E-05		
145	1.9E-03			5	1.29E-05		
146	1.7E-03			5	1.15E-05		
147	1.5E-03			5	1.03E-05		
148	2.1E-03			5	1.43E-05		
149	1.9E-03			5	1.26E-05		
150	1.7E-03			5	1.13E-05		
151	1.5E-03			5	1.02E-05		
152	2.1E-03			5	1.39E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	1.8E-03			5	1.23E-05		
154	1.6E-03			5	1.10E-05		
155	1.5E-03			5	9.97E-06		
156	2.0E-03			5	1.34E-05		
157	1.8E-03			5	1.19E-05		
158	1.6E-03			5	1.07E-05		
159	1.4E-03			5	9.73E-06		
160	1.9E-03			5	1.28E-05		
161	1.7E-03			5	1.15E-05		
162	1.5E-03			5	1.04E-05		
163	1.4E-03			5	9.45E-06		
164	1.8E-03			5	1.22E-05		
165	1.6E-03			5	1.10E-05		
166	1.5E-03			5	9.99E-06		
167	1.3E-03			5	9.12E-06		
168	1.7E-03			5	1.16E-05		
169	1.5E-03			5	1.05E-05		
170	1.4E-03			5	9.56E-06		
171	1.3E-03			5	8.76E-06		
172	1.6E-03			5	1.10E-05		
173	1.5E-03			5	9.98E-06		
174	1.3E-03			5	9.13E-06		
175	1.2E-03			5	8.39E-06		
176	1.5E-03			5	1.04E-05		
177	1.4E-03			5	9.49E-06		
178	1.3E-03			5	8.70E-06		
179	1.2E-03			5	8.02E-06		
180	1.4E-03			5	9.84E-06		
181	1.3E-03			5	9.01E-06		
182	1.2E-03			5	8.28E-06		
183	1.1E-03			5	7.66E-06		
184	1.9E-03			5	1.27E-05		
185	1.7E-03			5	1.17E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	1.6E-03			5	1.06E-05		
187	1.4E-03			5	9.66E-06		
188	1.3E-03			5	8.85E-06		
189	1.8E-03			5	1.21E-05		
190	1.6E-03			5	1.09E-05		
191	1.5E-03			5	9.97E-06		
192	1.3E-03			5	9.13E-06		
193	1.2E-03			5	8.39E-06		
194	1.6E-03			5	1.12E-05		
195	1.5E-03			5	1.02E-05		
196	1.4E-03			5	9.38E-06		
197	1.3E-03			5	8.62E-06		
198	1.2E-03			5	7.96E-06		
199	1.5E-03			5	1.04E-05		
200	1.4E-03			5	9.58E-06		
201	1.3E-03			5	8.81E-06		
202	1.2E-03			5	8.14E-06		
203	1.1E-03			5	7.54E-06		
204	2.0E-03			5	1.39E-05		
205	1.4E-03			5	9.71E-06		
206	1.3E-03			5	8.96E-06		
207	1.2E-03			5	8.28E-06		
208	1.1E-03			5	7.68E-06		
209	1.9E-03			5	1.27E-05		
210	1.7E-03			5	1.16E-05		
211	1.6E-03			5	1.07E-05		
212	1.4E-03			5	9.81E-06		
213	1.3E-03			5	9.06E-06		
214	1.2E-03			5	8.39E-06		
215	1.1E-03			5	7.78E-06		
216	1.8E-03			5	1.26E-05		
217	1.7E-03			5	1.17E-05		
218	1.6E-03			5	1.08E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	1.4E-03			5	9.95E-06		
220	1.3E-03			5	9.21E-06		
221	1.2E-03			5	8.54E-06		
222	1.7E-03			5	1.15E-05		
223	1.6E-03			5	1.07E-05		
224	1.4E-03			5	9.96E-06		
225	1.3E-03			5	9.25E-06		
226	1.3E-03			5	8.60E-06		
227	1.5E-03			5	1.06E-05		
228	1.4E-03			5	9.89E-06		
229	1.3E-03			5	9.24E-06		
230	1.3E-03			5	8.62E-06		
231	1.4E-03			5	9.74E-06		
232	1.3E-03			5	9.15E-06		
233	1.2E-03			5	8.58E-06		
234	1.2E-03			5	8.05E-06		
235	1.3E-03			5	9.00E-06		
236	1.2E-03			5	8.48E-06		
237	1.2E-03			5	7.99E-06		
238	1.1E-03			5	7.53E-06		
239	1.2E-03			5	8.33E-06		
240	1.1E-03			5	7.89E-06		
241	1.1E-03			5	7.46E-06		
242	1.0E-03			5	7.05E-06		
243	1.5E-03			5	1.07E-05		
244	1.5E-03			5	1.06E-05		
245	1.5E-03			5	1.03E-05		
246	1.4E-03			5	9.99E-06		
247	1.4E-03			5	9.60E-06		
248	1.3E-03			5	9.18E-06		
249	1.3E-03			5	8.76E-06		
250	1.4E-03			5	9.82E-06		
251	1.4E-03			5	9.69E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	1.4E-03			5	9.47E-06		
253	1.3E-03			5	9.18E-06		
254	1.3E-03			5	8.84E-06		
255	1.2E-03			5	8.48E-06		
256	1.2E-03			5	8.10E-06		
257	1.3E-03			5	9.05E-06		
258	1.3E-03			5	8.93E-06		
259	1.3E-03			5	8.73E-06		
260	1.2E-03			5	8.48E-06		
261	1.2E-03			5	8.18E-06		
262	1.1E-03			5	7.86E-06		
263	1.1E-03			5	7.53E-06		
264	1.2E-03			5	8.38E-06		
265	1.2E-03			5	8.26E-06		
266	1.2E-03			5	8.09E-06		
267	1.1E-03			5	7.86E-06		
268	1.1E-03			5	7.60E-06		
269	1.1E-03			5	7.32E-06		
270	1.0E-03			5	7.02E-06		
271	1.1E-03			5	7.79E-06		
272	1.1E-03			5	7.68E-06		
273	1.1E-03			5	7.52E-06		
274	1.0E-03			5	7.32E-06		
275	1.0E-03			5	7.09E-06		
276	9.8E-04			5	6.84E-06		
277	9.5E-04			5	6.57E-06		
278	1.9E-03			5	1.86E-05		
279	1.8E-03			5	1.70E-05		
280	1.6E-03			5	1.45E-05		
281	1.5E-03			5	1.36E-05		
282	1.6E-03			5	1.38E-05		
283	1.5E-03			5	1.37E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	9.2E-04			5	3.51E-05		
27	1.0E-03			5	3.89E-05		
28	1.1E-03			5	4.32E-05		
29	1.3E-03			5	4.80E-05		
30	1.4E-03			5	5.35E-05		
31	1.6E-03			5	5.99E-05		
32	1.8E-03			5	6.81E-05		
33	2.1E-03			5	8.03E-05		
34	2.6E-03			5	1.01E-04		
35	3.8E-03			5	1.45E-04		
36	3.6E-03			5	1.38E-04		
37	1.0E-03			5	3.93E-05		
38	1.1E-03			5	4.39E-05		
39	1.3E-03			5	4.92E-05		
40	1.4E-03			5	5.49E-05		
41	1.6E-03			5	6.11E-05		
42	1.8E-03			5	6.80E-05		
43	2.0E-03			5	7.64E-05		
44	2.3E-03			5	8.80E-05		
45	2.8E-03			5	1.07E-04		
46	3.9E-03			5	1.47E-04		
47	3.8E-03			5	1.45E-04		
48	1.2E-03			5	4.45E-05		
49	1.3E-03			5	5.04E-05		
50	1.5E-03			5	5.71E-05		
51	1.7E-03			5	6.41E-05		
52	1.9E-03			5	7.13E-05		
53	2.1E-03			5	7.87E-05		
54	2.3E-03			5	8.71E-05		
55	2.6E-03			5	9.82E-05		
56	3.0E-03			5	1.16E-04		
57	4.1E-03			5	1.55E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	4.0E-03			5	1.54E-04		
59	1.3E-03			5	5.13E-05		
60	1.5E-03			5	5.92E-05		
61	1.8E-03			5	6.79E-05		
62	2.0E-03			5	7.68E-05		
63	2.2E-03			5	8.52E-05		
64	2.4E-03			5	9.31E-05		
65	2.7E-03			5	1.01E-04		
66	2.9E-03			5	1.12E-04		
67	3.4E-03			5	1.29E-04		
68	4.4E-03			5	1.67E-04		
69	4.4E-03			5	1.66E-04		
70	1.6E-03			5	6.06E-05		
71	1.9E-03			5	7.18E-05		
72	2.2E-03			5	8.42E-05		
73	2.5E-03			5	9.58E-05		
74	2.8E-03			5	1.06E-04		
75	3.0E-03			5	1.14E-04		
76	3.2E-03			5	1.21E-04		
77	3.4E-03			5	1.31E-04		
78	3.8E-03			5	1.47E-04		
79	4.8E-03			5	1.83E-04		
80	4.8E-03			5	1.82E-04		
81	1.9E-03			5	7.41E-05		
82	2.4E-03			5	9.18E-05		
83	2.9E-03			5	1.11E-04		
84	3.3E-03			5	1.26E-04		
85	3.6E-03			5	1.37E-04		
86	3.8E-03			5	1.44E-04		
87	3.9E-03			5	1.51E-04		
88	4.2E-03			5	1.59E-04		
89	4.5E-03			5	1.74E-04		
90	5.4E-03			5	2.08E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	5.4E-03			5	2.05E-04		
92	2.5E-03			5	9.59E-05		
93	3.4E-03			5	1.30E-04		
94	4.2E-03			5	1.62E-04		
95	4.8E-03			5	1.82E-04		
96	5.0E-03			5	1.92E-04		
97	5.1E-03			5	1.96E-04		
98	5.2E-03			5	1.99E-04		
99	5.4E-03			5	2.05E-04		
100	5.7E-03			5	2.19E-04		
101	6.5E-03			5	2.49E-04		
102	6.3E-03			5	2.39E-04		
103	6.0E-03			5	2.28E-04		
104	6.1E-03			5	2.34E-04		
105	6.4E-03			5	2.45E-04		
106	6.4E-03			5	2.46E-04		
107	6.9E-03			5	2.63E-04		
108	7.2E-03			5	2.75E-04		
109	8.6E-03			5	3.29E-04		
110	7.8E-03			5	2.98E-04		
111	5.5E-03			5	2.10E-04		
112	4.1E-03			5	1.55E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Teacher			
26	1.3E-04			5	3.70E-05		
27	1.5E-04			5	4.07E-05		
28	1.6E-04			5	4.47E-05		
29	1.8E-04			5	4.87E-05		
30	1.9E-04			5	5.25E-05		
31	2.0E-04			5	5.60E-05		
32	2.1E-04			5	5.89E-05		
33	2.2E-04			5	6.13E-05		
34	2.3E-04			5	6.30E-05		
35	2.3E-04			5	6.41E-05		
36	2.3E-04			5	6.44E-05		
37	1.5E-04			5	4.21E-05		
38	1.7E-04			5	4.69E-05		
39	1.9E-04			5	5.20E-05		
40	2.1E-04			5	5.71E-05		
41	2.2E-04			5	6.19E-05		
42	2.4E-04			5	6.61E-05		
43	2.5E-04			5	6.94E-05		
44	2.6E-04			5	7.20E-05		
45	2.7E-04			5	7.37E-05		
46	2.7E-04			5	7.46E-05		
47	2.7E-04			5	7.46E-05		
48	1.8E-04			5	4.86E-05		
49	2.0E-04			5	5.49E-05		
50	2.2E-04			5	6.18E-05		
51	2.5E-04			5	6.85E-05		
52	2.7E-04			5	7.46E-05		
53	2.9E-04			5	7.95E-05		
54	3.0E-04			5	8.32E-05		
55	3.1E-04			5	8.58E-05		
56	3.1E-04			5	8.73E-05		
57	3.2E-04			5	8.80E-05		
58	3.2E-04			5	8.76E-05		
59	2.1E-04			5	5.71E-05		
60	2.4E-04			5	6.59E-05		
61	2.7E-04			5	7.54E-05		
62	3.0E-04			5	8.46E-05		
63	3.3E-04			5	9.22E-05		
64	3.5E-04			5	9.78E-05		
65	3.7E-04			5	1.02E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	3.7E-04			5	1.04E-04		
67	3.8E-04			5	1.05E-04		
68	3.8E-04			5	1.06E-04		
69	3.8E-04			5	1.05E-04		
70	2.5E-04			5	6.87E-05		
71	2.9E-04			5	8.17E-05		
72	3.5E-04			5	9.59E-05		
73	3.9E-04			5	1.09E-04		
74	4.3E-04			5	1.18E-04		
75	4.5E-04			5	1.24E-04		
76	4.6E-04			5	1.27E-04		
77	4.7E-04			5	1.29E-04		
78	4.7E-04			5	1.30E-04		
79	4.7E-04			5	1.30E-04		
80	4.6E-04			5	1.28E-04		
81	3.1E-04			5	8.57E-05		
82	3.9E-04			5	1.07E-04		
83	4.7E-04			5	1.30E-04		
84	5.3E-04			5	1.47E-04		
85	5.7E-04			5	1.58E-04		
86	5.9E-04			5	1.63E-04		
87	5.9E-04			5	1.65E-04		
88	6.0E-04			5	1.66E-04		
89	6.0E-04			5	1.66E-04		
90	6.0E-04			5	1.65E-04		
91	5.8E-04			5	1.61E-04		
92	4.1E-04			5	1.13E-04		
93	5.6E-04			5	1.55E-04		
94	7.0E-04			5	1.95E-04		
95	7.9E-04			5	2.18E-04		
96	8.2E-04			5	2.27E-04		
97	8.2E-04			5	2.28E-04		
98	8.2E-04			5	2.27E-04		
99	8.2E-04			5	2.26E-04		
100	8.2E-04			5	2.26E-04		
101	8.0E-04			5	2.23E-04		
102	7.7E-04			5	2.14E-04		
103	9.9E-04			5	2.75E-04		
104	1.0E-03			5	2.81E-04		
105	1.0E-03			5	2.91E-04		
106	1.0E-03			5	2.88E-04		
107	1.1E-03			5	3.01E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Demolition

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	1.1E-03			5	3.02E-04		
109	1.2E-03			5	3.35E-04		
110	1.1E-03			5	3.10E-04		
111	9.2E-04			5	2.55E-04		
112	6.7E-04			5	1.87E-04		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.13721	**4.85E-05**	6.65E-06	1.05E-03	6.95E-09	0.18	1.57E-01	2.00E-10	1,000,000	2.00E-04
2	0.14468	4.8461E-05	7.0113E-06	1.05E-03	7.33E-09	0.18	1.57E-01	2.11E-10	1,000,000	2.11E-04
3	0.15301	4.8461E-05	7.415E-06	1.05E-03	7.75E-09	0.18	1.57E-01	2.23E-10	1,000,000	2.23E-04
4	0.16195	4.8461E-05	7.8482E-06	1.05E-03	8.20E-09	0.18	1.57E-01	2.36E-10	1,000,000	2.36E-04
5	0.1719	4.8461E-05	8.3304E-06	1.05E-03	8.71E-09	0.18	1.57E-01	2.51E-10	1,000,000	2.51E-04
6	0.13511	4.8461E-05	6.5475E-06	1.05E-03	6.84E-09	0.18	1.57E-01	1.97E-10	1,000,000	1.97E-04
7	0.14233	4.8461E-05	6.8974E-06	1.05E-03	7.21E-09	0.18	1.57E-01	2.08E-10	1,000,000	2.08E-04
8	0.15029	4.8461E-05	7.2832E-06	1.05E-03	7.61E-09	0.18	1.57E-01	2.19E-10	1,000,000	2.19E-04
9	0.15922	4.8461E-05	7.7159E-06	1.05E-03	8.06E-09	0.18	1.57E-01	2.32E-10	1,000,000	2.32E-04
10	0.16886	4.8461E-05	8.1831E-06	1.05E-03	8.55E-09	0.18	1.57E-01	2.46E-10	1,000,000	2.46E-04
11	0.13288	4.8461E-05	6.4395E-06	1.05E-03	6.73E-09	0.18	1.57E-01	1.94E-10	1,000,000	1.94E-04
12	0.13993	4.8461E-05	6.7811E-06	1.05E-03	7.09E-09	0.18	1.57E-01	2.04E-10	1,000,000	2.04E-04
13	0.14772	4.8461E-05	7.1586E-06	1.05E-03	7.48E-09	0.18	1.57E-01	2.16E-10	1,000,000	2.16E-04
14	0.15649	4.8461E-05	7.5836E-06	1.05E-03	7.93E-09	0.18	1.57E-01	2.28E-10	1,000,000	2.28E-04
15	0.16591	4.8461E-05	8.0401E-06	1.05E-03	8.40E-09	0.18	1.57E-01	2.42E-10	1,000,000	2.42E-04
16	0.13069	4.8461E-05	6.3333E-06	1.05E-03	6.62E-09	0.18	1.57E-01	1.91E-10	1,000,000	1.91E-04
17	0.13764	4.8461E-05	6.6701E-06	1.05E-03	6.97E-09	0.18	1.57E-01	2.01E-10	1,000,000	2.01E-04
18	0.14522	4.8461E-05	7.0375E-06	1.05E-03	7.36E-09	0.18	1.57E-01	2.12E-10	1,000,000	2.12E-04
19	0.15347	4.8461E-05	7.4373E-06	1.05E-03	7.77E-09	0.18	1.57E-01	2.24E-10	1,000,000	2.24E-04
20	0.16276	4.8461E-05	7.8875E-06	1.05E-03	8.24E-09	0.18	1.57E-01	2.38E-10	1,000,000	2.38E-04
21	0.12861	4.8461E-05	6.2325E-06	1.05E-03	6.51E-09	0.18	1.57E-01	1.88E-10	1,000,000	1.88E-04
22	0.13539	4.8461E-05	6.5611E-06	1.05E-03	6.86E-09	0.18	1.57E-01	1.98E-10	1,000,000	1.98E-04
23	0.14284	4.8461E-05	6.9221E-06	1.05E-03	7.24E-09	0.18	1.57E-01	2.08E-10	1,000,000	2.08E-04
24	0.15097	4.8461E-05	7.3161E-06	1.05E-03	7.65E-09	0.18	1.57E-01	2.20E-10	1,000,000	2.20E-04
25	0.15983	4.8461E-05	7.7455E-06	1.05E-03	8.10E-09	0.18	1.57E-01	2.33E-10	1,000,000	2.33E-04
113	0.74556	4.8461E-05	3.613E-05	1.05E-03	3.78E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
114	0.67916	4.8461E-05	3.2913E-05	1.05E-03	3.44E-08	0.18	1.57E-01	9.91E-10	1,000,000	9.91E-04
115	0.61947	4.8461E-05	3.002E-05	1.05E-03	3.14E-08	0.18	1.57E-01	9.04E-10	1,000,000	9.04E-04
116	0.56612	4.8461E-05	2.7435E-05	1.05E-03	2.87E-08	0.18	1.57E-01	8.26E-10	1,000,000	8.26E-04
117	0.77263	4.8461E-05	3.7442E-05	1.05E-03	3.91E-08	0.18	1.57E-01	1.13E-09	1,000,000	1.13E-03
118	0.69855	4.8461E-05	3.3852E-05	1.05E-03	3.54E-08	0.18	1.57E-01	1.02E-09	1,000,000	1.02E-03
119	0.63322	4.8461E-05	3.0686E-05	1.05E-03	3.21E-08	0.18	1.57E-01	9.24E-10	1,000,000	9.24E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	0.57573	4.8461E-05	2.79E-05	1.05E-03	2.92E-08	0.18	1.57E-01	8.40E-10	1,000,000	8.40E-04
121	0.7956	4.8461E-05	3.8555E-05	1.05E-03	4.03E-08	0.18	1.57E-01	1.16E-09	1,000,000	1.16E-03
122	0.71433	4.8461E-05	3.4617E-05	1.05E-03	3.62E-08	0.18	1.57E-01	1.04E-09	1,000,000	1.04E-03
123	0.64392	4.8461E-05	3.1205E-05	1.05E-03	3.26E-08	0.18	1.57E-01	9.40E-10	1,000,000	9.40E-04
124	0.58289	4.8461E-05	2.8247E-05	1.05E-03	2.95E-08	0.18	1.57E-01	8.51E-10	1,000,000	8.51E-04
125	0.8139	4.8461E-05	3.9442E-05	1.05E-03	4.12E-08	0.18	1.57E-01	1.19E-09	1,000,000	1.19E-03
126	0.72633	4.8461E-05	3.5198E-05	1.05E-03	3.68E-08	0.18	1.57E-01	1.06E-09	1,000,000	1.06E-03
127	0.6517	4.8461E-05	3.1582E-05	1.05E-03	3.30E-08	0.18	1.57E-01	9.51E-10	1,000,000	9.51E-04
128	0.58788	4.8461E-05	2.8489E-05	1.05E-03	2.98E-08	0.18	1.57E-01	8.58E-10	1,000,000	8.58E-04
129	0.82745	4.8461E-05	4.0099E-05	1.05E-03	4.19E-08	0.18	1.57E-01	1.21E-09	1,000,000	1.21E-03
130	0.73485	4.8461E-05	3.5611E-05	1.05E-03	3.72E-08	0.18	1.57E-01	1.07E-09	1,000,000	1.07E-03
131	0.65704	4.8461E-05	3.1841E-05	1.05E-03	3.33E-08	0.18	1.57E-01	9.59E-10	1,000,000	9.59E-04
132	0.59123	4.8461E-05	2.8651E-05	1.05E-03	2.99E-08	0.18	1.57E-01	8.63E-10	1,000,000	8.63E-04
133	0.83684	4.8461E-05	4.0554E-05	1.05E-03	4.24E-08	0.18	1.57E-01	1.22E-09	1,000,000	1.22E-03
134	0.74059	4.8461E-05	3.589E-05	1.05E-03	3.75E-08	0.18	1.57E-01	1.08E-09	1,000,000	1.08E-03
135	0.66059	4.8461E-05	3.2013E-05	1.05E-03	3.35E-08	0.18	1.57E-01	9.64E-10	1,000,000	9.64E-04
136	0.59349	4.8461E-05	2.8761E-05	1.05E-03	3.01E-08	0.18	1.57E-01	8.66E-10	1,000,000	8.66E-04
137	0.84297	4.8461E-05	4.0851E-05	1.05E-03	4.27E-08	0.18	1.57E-01	1.23E-09	1,000,000	1.23E-03
138	0.66295	4.8461E-05	3.2127E-05	1.05E-03	3.36E-08	0.18	1.57E-01	9.67E-10	1,000,000	9.67E-04
139	0.59507	4.8461E-05	2.8838E-05	1.05E-03	3.01E-08	0.18	1.57E-01	8.68E-10	1,000,000	8.68E-04
140	0.84747	4.8461E-05	4.1069E-05	1.05E-03	4.29E-08	0.18	1.57E-01	1.24E-09	1,000,000	1.24E-03
141	0.74645	4.8461E-05	3.6174E-05	1.05E-03	3.78E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
142	0.66382	4.8461E-05	3.2169E-05	1.05E-03	3.36E-08	0.18	1.57E-01	9.69E-10	1,000,000	9.69E-04
143	0.59524	4.8461E-05	2.8846E-05	1.05E-03	3.01E-08	0.18	1.57E-01	8.69E-10	1,000,000	8.69E-04
144	0.84344	4.8461E-05	4.0874E-05	1.05E-03	4.27E-08	0.18	1.57E-01	1.23E-09	1,000,000	1.23E-03
145	0.74289	4.8461E-05	3.6001E-05	1.05E-03	3.76E-08	0.18	1.57E-01	1.08E-09	1,000,000	1.08E-03
146	0.66066	4.8461E-05	3.2016E-05	1.05E-03	3.35E-08	0.18	1.57E-01	9.64E-10	1,000,000	9.64E-04
147	0.5924	4.8461E-05	2.8708E-05	1.05E-03	3.00E-08	0.18	1.57E-01	8.64E-10	1,000,000	8.64E-04
148	0.83555	4.8461E-05	4.0491E-05	1.05E-03	4.23E-08	0.18	1.57E-01	1.22E-09	1,000,000	1.22E-03
149	0.73624	4.8461E-05	3.5679E-05	1.05E-03	3.73E-08	0.18	1.57E-01	1.07E-09	1,000,000	1.07E-03
150	0.65495	4.8461E-05	3.1739E-05	1.05E-03	3.32E-08	0.18	1.57E-01	9.56E-10	1,000,000	9.56E-04
151	0.58744	4.8461E-05	2.8468E-05	1.05E-03	2.98E-08	0.18	1.57E-01	8.57E-10	1,000,000	8.57E-04
152	0.82325	4.8461E-05	3.9895E-05	1.05E-03	4.17E-08	0.18	1.57E-01	1.20E-09	1,000,000	1.20E-03

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	0.7262	4.8461E-05	3.5192E-05	1.05E-03	3.68E-08	0.18	1.57E-01	1.06E-09	1,000,000	1.06E-03
154	0.64655	4.8461E-05	3.1332E-05	1.05E-03	3.27E-08	0.18	1.57E-01	9.43E-10	1,000,000	9.43E-04
155	0.58028	4.8461E-05	2.8121E-05	1.05E-03	2.94E-08	0.18	1.57E-01	8.47E-10	1,000,000	8.47E-04
156	0.80574	4.8461E-05	3.9047E-05	1.05E-03	4.08E-08	0.18	1.57E-01	1.18E-09	1,000,000	1.18E-03
157	0.71235	4.8461E-05	3.4521E-05	1.05E-03	3.61E-08	0.18	1.57E-01	1.04E-09	1,000,000	1.04E-03
158	0.63528	4.8461E-05	3.0786E-05	1.05E-03	3.22E-08	0.18	1.57E-01	9.27E-10	1,000,000	9.27E-04
159	0.57089	4.8461E-05	2.7666E-05	1.05E-03	2.89E-08	0.18	1.57E-01	8.33E-10	1,000,000	8.33E-04
160	0.78201	4.8461E-05	3.7897E-05	1.05E-03	3.96E-08	0.18	1.57E-01	1.14E-09	1,000,000	1.14E-03
161	0.69398	4.8461E-05	3.3631E-05	1.05E-03	3.52E-08	0.18	1.57E-01	1.01E-09	1,000,000	1.01E-03
162	0.6207	4.8461E-05	3.008E-05	1.05E-03	3.14E-08	0.18	1.57E-01	9.06E-10	1,000,000	9.06E-04
163	0.55889	4.8461E-05	2.7084E-05	1.05E-03	2.83E-08	0.18	1.57E-01	8.16E-10	1,000,000	8.16E-04
164	0.75162	4.8461E-05	3.6424E-05	1.05E-03	3.81E-08	0.18	1.57E-01	1.10E-09	1,000,000	1.10E-03
165	0.67053	4.8461E-05	3.2494E-05	1.05E-03	3.40E-08	0.18	1.57E-01	9.78E-10	1,000,000	9.78E-04
166	0.60143	4.8461E-05	2.9146E-05	1.05E-03	3.05E-08	0.18	1.57E-01	8.78E-10	1,000,000	8.78E-04
167	0.54346	4.8461E-05	2.6336E-05	1.05E-03	2.75E-08	0.18	1.57E-01	7.93E-10	1,000,000	7.93E-04
168	0.71544	4.8461E-05	3.4671E-05	1.05E-03	3.62E-08	0.18	1.57E-01	1.04E-09	1,000,000	1.04E-03
169	0.64218	4.8461E-05	3.1121E-05	1.05E-03	3.25E-08	0.18	1.57E-01	9.37E-10	1,000,000	9.37E-04
170	0.5789	4.8461E-05	2.8054E-05	1.05E-03	2.93E-08	0.18	1.57E-01	8.45E-10	1,000,000	8.45E-04
171	0.52563	4.8461E-05	2.5472E-05	1.05E-03	2.66E-08	0.18	1.57E-01	7.67E-10	1,000,000	7.67E-04
172	0.67547	4.8461E-05	3.2734E-05	1.05E-03	3.42E-08	0.18	1.57E-01	9.86E-10	1,000,000	9.86E-04
173	0.61005	4.8461E-05	2.9563E-05	1.05E-03	3.09E-08	0.18	1.57E-01	8.90E-10	1,000,000	8.90E-04
174	0.55319	4.8461E-05	2.6808E-05	1.05E-03	2.80E-08	0.18	1.57E-01	8.07E-10	1,000,000	8.07E-04
175	0.50479	4.8461E-05	2.4462E-05	1.05E-03	2.56E-08	0.18	1.57E-01	7.37E-10	1,000,000	7.37E-04
176	0.63396	4.8461E-05	3.0722E-05	1.05E-03	3.21E-08	0.18	1.57E-01	9.25E-10	1,000,000	9.25E-04
177	0.57579	4.8461E-05	2.7903E-05	1.05E-03	2.92E-08	0.18	1.57E-01	8.40E-10	1,000,000	8.40E-04
178	0.525	4.8461E-05	2.5442E-05	1.05E-03	2.66E-08	0.18	1.57E-01	7.66E-10	1,000,000	7.66E-04
179	0.48154	4.8461E-05	2.3336E-05	1.05E-03	2.44E-08	0.18	1.57E-01	7.03E-10	1,000,000	7.03E-04
180	0.59272	4.8461E-05	2.8724E-05	1.05E-03	3.00E-08	0.18	1.57E-01	8.65E-10	1,000,000	8.65E-04
181	0.54066	4.8461E-05	2.6201E-05	1.05E-03	2.74E-08	0.18	1.57E-01	7.89E-10	1,000,000	7.89E-04
182	0.49558	4.8461E-05	2.4016E-05	1.05E-03	2.51E-08	0.18	1.57E-01	7.23E-10	1,000,000	7.23E-04
183	0.45682	4.8461E-05	2.2138E-05	1.05E-03	2.31E-08	0.18	1.57E-01	6.67E-10	1,000,000	6.67E-04
184	0.7941	4.8461E-05	3.8483E-05	1.05E-03	4.02E-08	0.18	1.57E-01	1.16E-09	1,000,000	1.16E-03
185	0.70498	4.8461E-05	3.4164E-05	1.05E-03	3.57E-08	0.18	1.57E-01	1.03E-09	1,000,000	1.03E-03

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	0.6361	4.8461E-05	3.0826E-05	1.05E-03	3.22E-08	0.18	1.57E-01	9.28E-10	1,000,000	9.28E-04
187	0.57794	4.8461E-05	2.8007E-05	1.05E-03	2.93E-08	0.18	1.57E-01	8.43E-10	1,000,000	8.43E-04
188	0.52786	4.8461E-05	2.558E-05	1.05E-03	2.67E-08	0.18	1.57E-01	7.70E-10	1,000,000	7.70E-04
189	0.72294	4.8461E-05	3.5034E-05	1.05E-03	3.66E-08	0.18	1.57E-01	1.05E-09	1,000,000	1.05E-03
190	0.65107	4.8461E-05	3.1551E-05	1.05E-03	3.30E-08	0.18	1.57E-01	9.50E-10	1,000,000	9.50E-04
191	0.59042	4.8461E-05	2.8612E-05	1.05E-03	2.99E-08	0.18	1.57E-01	8.62E-10	1,000,000	8.62E-04
192	0.53877	4.8461E-05	2.6109E-05	1.05E-03	2.73E-08	0.18	1.57E-01	7.86E-10	1,000,000	7.86E-04
193	0.49367	4.8461E-05	2.3924E-05	1.05E-03	2.50E-08	0.18	1.57E-01	7.20E-10	1,000,000	7.20E-04
194	0.66495	4.8461E-05	3.2224E-05	1.05E-03	3.37E-08	0.18	1.57E-01	9.70E-10	1,000,000	9.70E-04
195	0.60216	4.8461E-05	2.9181E-05	1.05E-03	3.05E-08	0.18	1.57E-01	8.79E-10	1,000,000	8.79E-04
196	0.54835	4.8461E-05	2.6573E-05	1.05E-03	2.78E-08	0.18	1.57E-01	8.00E-10	1,000,000	8.00E-04
197	0.50159	4.8461E-05	2.4307E-05	1.05E-03	2.54E-08	0.18	1.57E-01	7.32E-10	1,000,000	7.32E-04
198	0.46192	4.8461E-05	2.2385E-05	1.05E-03	2.34E-08	0.18	1.57E-01	6.74E-10	1,000,000	6.74E-04
199	0.61398	4.8461E-05	2.9754E-05	1.05E-03	3.11E-08	0.18	1.57E-01	8.96E-10	1,000,000	8.96E-04
200	0.55855	4.8461E-05	2.7068E-05	1.05E-03	2.83E-08	0.18	1.57E-01	8.15E-10	1,000,000	8.15E-04
201	0.51032	4.8461E-05	2.473E-05	1.05E-03	2.58E-08	0.18	1.57E-01	7.45E-10	1,000,000	7.45E-04
202	0.46855	4.8461E-05	2.2706E-05	1.05E-03	2.37E-08	0.18	1.57E-01	6.84E-10	1,000,000	6.84E-04
203	0.43261	4.8461E-05	2.0965E-05	1.05E-03	2.19E-08	0.18	1.57E-01	6.31E-10	1,000,000	6.31E-04
204	0.84969	4.8461E-05	4.1177E-05	1.05E-03	4.30E-08	0.18	1.57E-01	1.24E-09	1,000,000	1.24E-03
205	0.56926	4.8461E-05	2.7587E-05	1.05E-03	2.88E-08	0.18	1.57E-01	8.31E-10	1,000,000	8.31E-04
206	0.52006	4.8461E-05	2.5202E-05	1.05E-03	2.63E-08	0.18	1.57E-01	7.59E-10	1,000,000	7.59E-04
207	0.47636	4.8461E-05	2.3085E-05	1.05E-03	2.41E-08	0.18	1.57E-01	6.95E-10	1,000,000	6.95E-04
208	0.43901	4.8461E-05	2.1275E-05	1.05E-03	2.22E-08	0.18	1.57E-01	6.41E-10	1,000,000	6.41E-04
209	0.76837	4.8461E-05	3.7236E-05	1.05E-03	3.89E-08	0.18	1.57E-01	1.12E-09	1,000,000	1.12E-03
210	0.69773	4.8461E-05	3.3813E-05	1.05E-03	3.53E-08	0.18	1.57E-01	1.02E-09	1,000,000	1.02E-03
211	0.63474	4.8461E-05	3.076E-05	1.05E-03	3.22E-08	0.18	1.57E-01	9.26E-10	1,000,000	9.26E-04
212	0.57913	4.8461E-05	2.8065E-05	1.05E-03	2.93E-08	0.18	1.57E-01	8.45E-10	1,000,000	8.45E-04
213	0.52975	4.8461E-05	2.5672E-05	1.05E-03	2.68E-08	0.18	1.57E-01	7.73E-10	1,000,000	7.73E-04
214	0.4856	4.8461E-05	2.3533E-05	1.05E-03	2.46E-08	0.18	1.57E-01	7.09E-10	1,000,000	7.09E-04
215	0.44673	4.8461E-05	2.1649E-05	1.05E-03	2.26E-08	0.18	1.57E-01	6.52E-10	1,000,000	6.52E-04
216	0.7455	4.8461E-05	3.6127E-05	1.05E-03	3.78E-08	0.18	1.57E-01	1.09E-09	1,000,000	1.09E-03
217	0.68853	4.8461E-05	3.3367E-05	1.05E-03	3.49E-08	0.18	1.57E-01	1.00E-09	1,000,000	1.00E-03
218	0.63429	4.8461E-05	3.0738E-05	1.05E-03	3.21E-08	0.18	1.57E-01	9.26E-10	1,000,000	9.26E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.58559	4.8461E-05	2.8378E-05	1.05E-03	2.97E-08	0.18	1.57E-01	8.55E-10	1,000,000	8.55E-04
220	0.54032	4.8461E-05	2.6184E-05	1.05E-03	2.74E-08	0.18	1.57E-01	7.88E-10	1,000,000	7.88E-04
221	0.49895	4.8461E-05	2.4179E-05	1.05E-03	2.53E-08	0.18	1.57E-01	7.28E-10	1,000,000	7.28E-04
222	0.67322	4.8461E-05	3.2625E-05	1.05E-03	3.41E-08	0.18	1.57E-01	9.82E-10	1,000,000	9.82E-04
223	0.62511	4.8461E-05	3.0293E-05	1.05E-03	3.17E-08	0.18	1.57E-01	9.12E-10	1,000,000	9.12E-04
224	0.58021	4.8461E-05	2.8117E-05	1.05E-03	2.94E-08	0.18	1.57E-01	8.47E-10	1,000,000	8.47E-04
225	0.539	4.8461E-05	2.612E-05	1.05E-03	2.73E-08	0.18	1.57E-01	7.87E-10	1,000,000	7.87E-04
226	0.5001	4.8461E-05	2.4235E-05	1.05E-03	2.53E-08	0.18	1.57E-01	7.30E-10	1,000,000	7.30E-04
227	0.611	4.8461E-05	2.961E-05	1.05E-03	3.09E-08	0.18	1.57E-01	8.92E-10	1,000,000	8.92E-04
228	0.5703	4.8461E-05	2.7637E-05	1.05E-03	2.89E-08	0.18	1.57E-01	8.32E-10	1,000,000	8.32E-04
229	0.53266	4.8461E-05	2.5813E-05	1.05E-03	2.70E-08	0.18	1.57E-01	7.77E-10	1,000,000	7.77E-04
230	0.49677	4.8461E-05	2.4074E-05	1.05E-03	2.52E-08	0.18	1.57E-01	7.25E-10	1,000,000	7.25E-04
231	0.55706	4.8461E-05	2.6996E-05	1.05E-03	2.82E-08	0.18	1.57E-01	8.13E-10	1,000,000	8.13E-04
232	0.52305	4.8461E-05	2.5347E-05	1.05E-03	2.65E-08	0.18	1.57E-01	7.63E-10	1,000,000	7.63E-04
233	0.49073	4.8461E-05	2.3781E-05	1.05E-03	2.49E-08	0.18	1.57E-01	7.16E-10	1,000,000	7.16E-04
234	0.45989	4.8461E-05	2.2287E-05	1.05E-03	2.33E-08	0.18	1.57E-01	6.71E-10	1,000,000	6.71E-04
235	0.51074	4.8461E-05	2.4751E-05	1.05E-03	2.59E-08	0.18	1.57E-01	7.45E-10	1,000,000	7.45E-04
236	0.48168	4.8461E-05	2.3343E-05	1.05E-03	2.44E-08	0.18	1.57E-01	7.03E-10	1,000,000	7.03E-04
237	0.45341	4.8461E-05	2.1973E-05	1.05E-03	2.30E-08	0.18	1.57E-01	6.62E-10	1,000,000	6.62E-04
238	0.42706	4.8461E-05	2.0696E-05	1.05E-03	2.16E-08	0.18	1.57E-01	6.23E-10	1,000,000	6.23E-04
239	0.47041	4.8461E-05	2.2796E-05	1.05E-03	2.38E-08	0.18	1.57E-01	6.86E-10	1,000,000	6.86E-04
240	0.44515	4.8461E-05	2.1572E-05	1.05E-03	2.25E-08	0.18	1.57E-01	6.50E-10	1,000,000	6.50E-04
241	0.42052	4.8461E-05	2.0379E-05	1.05E-03	2.13E-08	0.18	1.57E-01	6.14E-10	1,000,000	6.14E-04
242	0.3977	4.8461E-05	1.9273E-05	1.05E-03	2.01E-08	0.18	1.57E-01	5.80E-10	1,000,000	5.80E-04
243	0.56054	4.8461E-05	2.7164E-05	1.05E-03	2.84E-08	0.18	1.57E-01	8.18E-10	1,000,000	8.18E-04
244	0.5659	4.8461E-05	2.7424E-05	1.05E-03	2.87E-08	0.18	1.57E-01	8.26E-10	1,000,000	8.26E-04
245	0.56336	4.8461E-05	2.7301E-05	1.05E-03	2.85E-08	0.18	1.57E-01	8.22E-10	1,000,000	8.22E-04
246	0.55328	4.8461E-05	2.6812E-05	1.05E-03	2.80E-08	0.18	1.57E-01	8.07E-10	1,000,000	8.07E-04
247	0.53649	4.8461E-05	2.5999E-05	1.05E-03	2.72E-08	0.18	1.57E-01	7.83E-10	1,000,000	7.83E-04
248	0.51596	4.8461E-05	2.5004E-05	1.05E-03	2.61E-08	0.18	1.57E-01	7.53E-10	1,000,000	7.53E-04
249	0.49286	4.8461E-05	2.3884E-05	1.05E-03	2.50E-08	0.18	1.57E-01	7.19E-10	1,000,000	7.19E-04
250	0.51475	4.8461E-05	2.4945E-05	1.05E-03	2.61E-08	0.18	1.57E-01	7.51E-10	1,000,000	7.51E-04
251	0.51854	4.8461E-05	2.5129E-05	1.05E-03	2.63E-08	0.18	1.57E-01	7.57E-10	1,000,000	7.57E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.51576	4.8461E-05	2.4994E-05	1.05E-03	2.61E-08	0.18	1.57E-01	7.53E-10	1,000,000	7.53E-04
253	0.50672	4.8461E-05	2.4556E-05	1.05E-03	2.57E-08	0.18	1.57E-01	7.39E-10	1,000,000	7.39E-04
254	0.49208	4.8461E-05	2.3847E-05	1.05E-03	2.49E-08	0.18	1.57E-01	7.18E-10	1,000,000	7.18E-04
255	0.4743	4.8461E-05	2.2985E-05	1.05E-03	2.40E-08	0.18	1.57E-01	6.92E-10	1,000,000	6.92E-04
256	0.45383	4.8461E-05	2.1993E-05	1.05E-03	2.30E-08	0.18	1.57E-01	6.62E-10	1,000,000	6.62E-04
257	0.47473	4.8461E-05	2.3006E-05	1.05E-03	2.40E-08	0.18	1.57E-01	6.93E-10	1,000,000	6.93E-04
258	0.47735	4.8461E-05	2.3133E-05	1.05E-03	2.42E-08	0.18	1.57E-01	6.97E-10	1,000,000	6.97E-04
259	0.47444	4.8461E-05	2.2992E-05	1.05E-03	2.40E-08	0.18	1.57E-01	6.92E-10	1,000,000	6.92E-04
260	0.46632	4.8461E-05	2.2598E-05	1.05E-03	2.36E-08	0.18	1.57E-01	6.80E-10	1,000,000	6.80E-04
261	0.45348	4.8461E-05	2.1976E-05	1.05E-03	2.30E-08	0.18	1.57E-01	6.62E-10	1,000,000	6.62E-04
262	0.4379	4.8461E-05	2.1221E-05	1.05E-03	2.22E-08	0.18	1.57E-01	6.39E-10	1,000,000	6.39E-04
263	0.42016	4.8461E-05	2.0361E-05	1.05E-03	2.13E-08	0.18	1.57E-01	6.13E-10	1,000,000	6.13E-04
264	0.43973	4.8461E-05	2.131E-05	1.05E-03	2.23E-08	0.18	1.57E-01	6.42E-10	1,000,000	6.42E-04
265	0.44135	4.8461E-05	2.1388E-05	1.05E-03	2.24E-08	0.18	1.57E-01	6.44E-10	1,000,000	6.44E-04
266	0.43832	4.8461E-05	2.1241E-05	1.05E-03	2.22E-08	0.18	1.57E-01	6.40E-10	1,000,000	6.40E-04
267	0.431	4.8461E-05	2.0887E-05	1.05E-03	2.18E-08	0.18	1.57E-01	6.29E-10	1,000,000	6.29E-04
268	0.42004	4.8461E-05	2.0355E-05	1.05E-03	2.13E-08	0.18	1.57E-01	6.13E-10	1,000,000	6.13E-04
269	0.40621	4.8461E-05	1.9685E-05	1.05E-03	2.06E-08	0.18	1.57E-01	5.93E-10	1,000,000	5.93E-04
270	0.39057	4.8461E-05	1.8927E-05	1.05E-03	1.98E-08	0.18	1.57E-01	5.70E-10	1,000,000	5.70E-04
271	0.40859	4.8461E-05	1.9801E-05	1.05E-03	2.07E-08	0.18	1.57E-01	5.96E-10	1,000,000	5.96E-04
272	0.40956	4.8461E-05	1.9848E-05	1.05E-03	2.07E-08	0.18	1.57E-01	5.98E-10	1,000,000	5.98E-04
273	0.40654	4.8461E-05	1.9701E-05	1.05E-03	2.06E-08	0.18	1.57E-01	5.93E-10	1,000,000	5.93E-04
274	0.39989	4.8461E-05	1.9379E-05	1.05E-03	2.03E-08	0.18	1.57E-01	5.84E-10	1,000,000	5.84E-04
275	0.39013	4.8461E-05	1.8906E-05	1.05E-03	1.98E-08	0.18	1.57E-01	5.69E-10	1,000,000	5.69E-04
276	0.37807	4.8461E-05	1.8322E-05	1.05E-03	1.91E-08	0.18	1.57E-01	5.52E-10	1,000,000	5.52E-04
277	0.3641	4.8461E-05	1.7645E-05	1.05E-03	1.84E-08	0.18	1.57E-01	5.31E-10	1,000,000	5.31E-04
278	0.28201	4.8461E-05	1.3666E-05	1.05E-03	1.43E-08	0.18	1.57E-01	4.12E-10	1,000,000	4.12E-04
279	0.29107	4.8461E-05	1.4105E-05	1.05E-03	1.47E-08	0.18	1.57E-01	4.25E-10	1,000,000	4.25E-04
280	0.31607	4.8461E-05	1.5317E-05	1.05E-03	1.60E-08	0.18	1.57E-01	4.61E-10	1,000,000	4.61E-04
281	0.31128	4.8461E-05	1.5085E-05	1.05E-03	1.58E-08	0.18	1.57E-01	4.54E-10	1,000,000	4.54E-04
282	0.33942	4.8461E-05	1.6449E-05	1.05E-03	1.72E-08	0.18	1.57E-01	4.95E-10	1,000,000	4.95E-04
283	0.28736	4.8461E-05	1.3926E-05	1.05E-03	1.46E-08	0.18	1.57E-01	4.19E-10	1,000,000	4.19E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Student Receptors					
26	1.50909	4.8461E-05	7.3132E-05	6.05E-04	4.42E-08	0.18	4.71E-02	3.82E-10	1,000,000	3.82E-04
27	1.62848	4.8461E-05	7.8917E-05	6.05E-04	4.78E-08	0.18	4.71E-02	4.13E-10	1,000,000	4.13E-04
28	1.75978	4.8461E-05	8.528E-05	6.05E-04	5.16E-08	0.18	4.71E-02	4.46E-10	1,000,000	4.46E-04
29	1.90268	4.8461E-05	9.2205E-05	6.05E-04	5.58E-08	0.18	4.71E-02	4.82E-10	1,000,000	4.82E-04
30	2.05458	4.8461E-05	9.9566E-05	6.05E-04	6.02E-08	0.18	4.71E-02	5.21E-10	1,000,000	5.21E-04
31	2.2101	4.8461E-05	0.0001071	6.05E-04	6.48E-08	0.18	4.71E-02	5.60E-10	1,000,000	5.60E-04
32	2.36199	4.8461E-05	0.00011446	6.05E-04	6.93E-08	0.18	4.71E-02	5.99E-10	1,000,000	5.99E-04
33	2.50246	4.8461E-05	0.00012127	6.05E-04	7.34E-08	0.18	4.71E-02	6.34E-10	1,000,000	6.34E-04
34	2.62425	4.8461E-05	0.00012717	6.05E-04	7.69E-08	0.18	4.71E-02	6.65E-10	1,000,000	6.65E-04
35	2.72111	4.8461E-05	0.00013187	6.05E-04	7.98E-08	0.18	4.71E-02	6.90E-10	1,000,000	6.90E-04
36	2.78315	4.8461E-05	0.00013487	6.05E-04	8.16E-08	0.18	4.71E-02	7.05E-10	1,000,000	7.05E-04
37	1.67221	4.8461E-05	8.1037E-05	6.05E-04	4.90E-08	0.18	4.71E-02	4.24E-10	1,000,000	4.24E-04
38	1.81718	4.8461E-05	8.8062E-05	6.05E-04	5.33E-08	0.18	4.71E-02	4.61E-10	1,000,000	4.61E-04
39	1.97771	4.8461E-05	9.5841E-05	6.05E-04	5.80E-08	0.18	4.71E-02	5.01E-10	1,000,000	5.01E-04
40	2.15363	4.8461E-05	0.00010437	6.05E-04	6.31E-08	0.18	4.71E-02	5.46E-10	1,000,000	5.46E-04
41	2.34152	4.8461E-05	0.00011347	6.05E-04	6.87E-08	0.18	4.71E-02	5.93E-10	1,000,000	5.93E-04
42	2.53371	4.8461E-05	0.00012279	6.05E-04	7.43E-08	0.18	4.71E-02	6.42E-10	1,000,000	6.42E-04
43	2.71939	4.8461E-05	0.00013178	6.05E-04	7.97E-08	0.18	4.71E-02	6.89E-10	1,000,000	6.89E-04
44	2.88711	4.8461E-05	0.00013991	6.05E-04	8.47E-08	0.18	4.71E-02	7.32E-10	1,000,000	7.32E-04
45	3.02676	4.8461E-05	0.00014668	6.05E-04	8.88E-08	0.18	4.71E-02	7.67E-10	1,000,000	7.67E-04
46	3.13079	4.8461E-05	0.00015172	6.05E-04	9.18E-08	0.18	4.71E-02	7.93E-10	1,000,000	7.93E-04
47	3.18832	4.8461E-05	0.00015451	6.05E-04	9.35E-08	0.18	4.71E-02	8.08E-10	1,000,000	8.08E-04
48	1.86478	4.8461E-05	9.0369E-05	6.05E-04	5.47E-08	0.18	4.71E-02	4.73E-10	1,000,000	4.73E-04
49	2.04366	4.8461E-05	9.9037E-05	6.05E-04	5.99E-08	0.18	4.71E-02	5.18E-10	1,000,000	5.18E-04
50	2.24354	4.8461E-05	0.00010872	6.05E-04	6.58E-08	0.18	4.71E-02	5.69E-10	1,000,000	5.69E-04
51	2.46445	4.8461E-05	0.00011943	6.05E-04	7.23E-08	0.18	4.71E-02	6.25E-10	1,000,000	6.25E-04
52	2.70186	4.8461E-05	0.00013093	6.05E-04	7.92E-08	0.18	4.71E-02	6.85E-10	1,000,000	6.85E-04
53	2.94431	4.8461E-05	0.00014268	6.05E-04	8.63E-08	0.18	4.71E-02	7.46E-10	1,000,000	7.46E-04
54	3.17493	4.8461E-05	0.00015386	6.05E-04	9.31E-08	0.18	4.71E-02	8.05E-10	1,000,000	8.05E-04
55	3.37618	4.8461E-05	0.00016361	6.05E-04	9.90E-08	0.18	4.71E-02	8.56E-10	1,000,000	8.56E-04
56	3.53414	4.8461E-05	0.00017127	6.05E-04	1.04E-07	0.18	4.71E-02	8.96E-10	1,000,000	8.96E-04
57	3.64076	4.8461E-05	0.00017643	6.05E-04	1.07E-07	0.18	4.71E-02	9.23E-10	1,000,000	9.23E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	3.68566	4.8461E-05	0.00017861	6.05E-04	1.08E-07	0.18	4.71E-02	9.34E-10	1,000,000	9.34E-04
59	2.09419	4.8461E-05	0.00010149	6.05E-04	6.14E-08	0.18	4.71E-02	5.31E-10	1,000,000	5.31E-04
60	2.31909	4.8461E-05	0.00011238	6.05E-04	6.80E-08	0.18	4.71E-02	5.88E-10	1,000,000	5.88E-04
61	2.57349	4.8461E-05	0.00012471	6.05E-04	7.55E-08	0.18	4.71E-02	6.52E-10	1,000,000	6.52E-04
62	2.85785	4.8461E-05	0.00013849	6.05E-04	8.38E-08	0.18	4.71E-02	7.24E-10	1,000,000	7.24E-04
63	3.16591	4.8461E-05	0.00015342	6.05E-04	9.28E-08	0.18	4.71E-02	8.02E-10	1,000,000	8.02E-04
64	3.47952	4.8461E-05	0.00016862	6.05E-04	1.02E-07	0.18	4.71E-02	8.82E-10	1,000,000	8.82E-04
65	3.77076	4.8461E-05	0.00018273	6.05E-04	1.11E-07	0.18	4.71E-02	9.56E-10	1,000,000	9.56E-04
66	4.01188	4.8461E-05	0.00019442	6.05E-04	1.18E-07	0.18	4.71E-02	1.02E-09	1,000,000	1.02E-03
67	4.18476	4.8461E-05	0.0002028	6.05E-04	1.23E-07	0.18	4.71E-02	1.06E-09	1,000,000	1.06E-03
68	4.28407	4.8461E-05	0.00020761	6.05E-04	1.26E-07	0.18	4.71E-02	1.09E-09	1,000,000	1.09E-03
69	4.30303	4.8461E-05	0.00020853	6.05E-04	1.26E-07	0.18	4.71E-02	1.09E-09	1,000,000	1.09E-03
70	2.37009	4.8461E-05	0.00011486	6.05E-04	6.95E-08	0.18	4.71E-02	6.01E-10	1,000,000	6.01E-04
71	2.65903	4.8461E-05	0.00012886	6.05E-04	7.80E-08	0.18	4.71E-02	6.74E-10	1,000,000	6.74E-04
72	2.99179	4.8461E-05	0.00014498	6.05E-04	8.77E-08	0.18	4.71E-02	7.58E-10	1,000,000	7.58E-04
73	3.36963	4.8461E-05	0.00016329	6.05E-04	9.88E-08	0.18	4.71E-02	8.54E-10	1,000,000	8.54E-04
74	3.78347	4.8461E-05	0.00018335	6.05E-04	1.11E-07	0.18	4.71E-02	9.59E-10	1,000,000	9.59E-04
75	4.20209	4.8461E-05	0.00020364	6.05E-04	1.23E-07	0.18	4.71E-02	1.06E-09	1,000,000	1.06E-03
76	4.57548	4.8461E-05	0.00022173	6.05E-04	1.34E-07	0.18	4.71E-02	1.16E-09	1,000,000	1.16E-03
77	4.85913	4.8461E-05	0.00023548	6.05E-04	1.42E-07	0.18	4.71E-02	1.23E-09	1,000,000	1.23E-03
78	5.03434	4.8461E-05	0.00024397	6.05E-04	1.48E-07	0.18	4.71E-02	1.28E-09	1,000,000	1.28E-03
79	5.10741	4.8461E-05	0.00024751	6.05E-04	1.50E-07	0.18	4.71E-02	1.29E-09	1,000,000	1.29E-03
80	5.08014	4.8461E-05	0.00024619	6.05E-04	1.49E-07	0.18	4.71E-02	1.29E-09	1,000,000	1.29E-03
81	2.70502	4.8461E-05	0.00013109	6.05E-04	7.93E-08	0.18	4.71E-02	6.86E-10	1,000,000	6.86E-04
82	3.0855	4.8461E-05	0.00014953	6.05E-04	9.05E-08	0.18	4.71E-02	7.82E-10	1,000,000	7.82E-04
83	3.53588	4.8461E-05	0.00017135	6.05E-04	1.04E-07	0.18	4.71E-02	8.96E-10	1,000,000	8.96E-04
84	4.05995	4.8461E-05	0.00019675	6.05E-04	1.19E-07	0.18	4.71E-02	1.03E-09	1,000,000	1.03E-03
85	4.64344	4.8461E-05	0.00022502	6.05E-04	1.36E-07	0.18	4.71E-02	1.18E-09	1,000,000	1.18E-03
86	5.22557	4.8461E-05	0.00025323	6.05E-04	1.53E-07	0.18	4.71E-02	1.32E-09	1,000,000	1.32E-03
87	5.70706	4.8461E-05	0.00027657	6.05E-04	1.67E-07	0.18	4.71E-02	1.45E-09	1,000,000	1.45E-03
88	6.02	4.8461E-05	0.00029173	6.05E-04	1.77E-07	0.18	4.71E-02	1.53E-09	1,000,000	1.53E-03
89	6.165	4.8461E-05	0.00029876	6.05E-04	1.81E-07	0.18	4.71E-02	1.56E-09	1,000,000	1.56E-03
90	6.17969	4.8461E-05	0.00029947	6.05E-04	1.81E-07	0.18	4.71E-02	1.57E-09	1,000,000	1.57E-03

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	6.07815	4.8461E-05	0.00029455	6.05E-04	1.78E-07	0.18	4.71E-02	1.54E-09	1,000,000	1.54E-03
92	3.11492	4.8461E-05	0.00015095	6.05E-04	9.13E-08	0.18	4.71E-02	7.89E-10	1,000,000	7.89E-04
93	3.62995	4.8461E-05	0.00017591	6.05E-04	1.06E-07	0.18	4.71E-02	9.20E-10	1,000,000	9.20E-04
94	4.26626	4.8461E-05	0.00020675	6.05E-04	1.25E-07	0.18	4.71E-02	1.08E-09	1,000,000	1.08E-03
95	5.0388	4.8461E-05	0.00024418	6.05E-04	1.48E-07	0.18	4.71E-02	1.28E-09	1,000,000	1.28E-03
96	5.92432	4.8461E-05	0.0002871	6.05E-04	1.74E-07	0.18	4.71E-02	1.50E-09	1,000,000	1.50E-03
97	6.77971	4.8461E-05	0.00032855	6.05E-04	1.99E-07	0.18	4.71E-02	1.72E-09	1,000,000	1.72E-03
98	7.38058	4.8461E-05	0.00035767	6.05E-04	2.16E-07	0.18	4.71E-02	1.87E-09	1,000,000	1.87E-03
99	7.65742	4.8461E-05	0.00037108	6.05E-04	2.25E-07	0.18	4.71E-02	1.94E-09	1,000,000	1.94E-03
100	7.70194	4.8461E-05	0.00037324	6.05E-04	2.26E-07	0.18	4.71E-02	1.95E-09	1,000,000	1.95E-03
101	7.61233	4.8461E-05	0.0003689	6.05E-04	2.23E-07	0.18	4.71E-02	1.93E-09	1,000,000	1.93E-03
102	7.40346	4.8461E-05	0.00035878	6.05E-04	2.17E-07	0.18	4.71E-02	1.88E-09	1,000,000	1.88E-03
103	6.15641	4.8461E-05	0.00029834	6.05E-04	1.81E-07	0.18	4.71E-02	1.56E-09	1,000,000	1.56E-03
104	7.51841	4.8461E-05	0.00036435	6.05E-04	2.20E-07	0.18	4.71E-02	1.91E-09	1,000,000	1.91E-03
105	9.08519	4.8461E-05	0.00044027	6.05E-04	2.66E-07	0.18	4.71E-02	2.30E-09	1,000,000	2.30E-03
106	9.66369	4.8461E-05	0.00046831	6.05E-04	2.83E-07	0.18	4.71E-02	2.45E-09	1,000,000	2.45E-03
107	10.03691	4.8461E-05	0.0004864	6.05E-04	2.94E-07	0.18	4.71E-02	2.54E-09	1,000,000	2.54E-03
108	9.85412	4.8461E-05	0.00047754	6.05E-04	2.89E-07	0.18	4.71E-02	2.50E-09	1,000,000	2.50E-03
109	9.61543	4.8461E-05	0.00046597	6.05E-04	2.82E-07	0.18	4.71E-02	2.44E-09	1,000,000	2.44E-03
110	9.27367	4.8461E-05	0.00044941	6.05E-04	2.72E-07	0.18	4.71E-02	2.35E-09	1,000,000	2.35E-03
111	5.05951	4.8461E-05	0.00024519	6.05E-04	1.48E-07	0.18	4.71E-02	1.28E-09	1,000,000	1.28E-03
112	4.11109	4.8461E-05	0.00019923	6.05E-04	1.21E-07	0.18	4.71E-02	1.04E-09	1,000,000	1.04E-03

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

					Cancer Risk From BCAC - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School - Teacher					
26	1.50909	4.8461E-05	7.3132E-05	2.50E-04	1.83E-08	0.18	1.57E-02	5.27E-11	1,000,000	5.27E-05
27	1.62848	4.8461E-05	7.8917E-05	2.50E-04	1.98E-08	0.18	1.57E-02	5.69E-11	1,000,000	5.69E-05
28	1.75978	4.8461E-05	8.528E-05	2.50E-04	2.13E-08	0.18	1.57E-02	6.15E-11	1,000,000	6.15E-05
29	1.90268	4.8461E-05	9.2205E-05	2.50E-04	2.31E-08	0.18	1.57E-02	6.65E-11	1,000,000	6.65E-05
30	2.05458	4.8461E-05	9.9566E-05	2.50E-04	2.49E-08	0.18	1.57E-02	7.18E-11	1,000,000	7.18E-05
31	2.2101	4.8461E-05	0.0001071	2.50E-04	2.68E-08	0.18	1.57E-02	7.72E-11	1,000,000	7.72E-05
32	2.36199	4.8461E-05	0.00011446	2.50E-04	2.86E-08	0.18	1.57E-02	8.25E-11	1,000,000	8.25E-05
33	2.50246	4.8461E-05	0.00012127	2.50E-04	3.04E-08	0.18	1.57E-02	8.74E-11	1,000,000	8.74E-05
34	2.62425	4.8461E-05	0.00012717	2.50E-04	3.18E-08	0.18	1.57E-02	9.17E-11	1,000,000	9.17E-05
35	2.72111	4.8461E-05	0.00013187	2.50E-04	3.30E-08	0.18	1.57E-02	9.51E-11	1,000,000	9.51E-05
36	2.78315	4.8461E-05	0.00013487	2.50E-04	3.38E-08	0.18	1.57E-02	9.72E-11	1,000,000	9.72E-05
37	1.67221	4.8461E-05	8.1037E-05	2.50E-04	2.03E-08	0.18	1.57E-02	5.84E-11	1,000,000	5.84E-05
38	1.81718	4.8461E-05	8.8062E-05	2.50E-04	2.20E-08	0.18	1.57E-02	6.35E-11	1,000,000	6.35E-05
39	1.97771	4.8461E-05	9.5841E-05	2.50E-04	2.40E-08	0.18	1.57E-02	6.91E-11	1,000,000	6.91E-05
40	2.15363	4.8461E-05	0.00010437	2.50E-04	2.61E-08	0.18	1.57E-02	7.53E-11	1,000,000	7.53E-05
41	2.34152	4.8461E-05	0.00011347	2.50E-04	2.84E-08	0.18	1.57E-02	8.18E-11	1,000,000	8.18E-05
42	2.53371	4.8461E-05	0.00012279	2.50E-04	3.07E-08	0.18	1.57E-02	8.85E-11	1,000,000	8.85E-05
43	2.71939	4.8461E-05	0.00013178	2.50E-04	3.30E-08	0.18	1.57E-02	9.50E-11	1,000,000	9.50E-05
44	2.88711	4.8461E-05	0.00013991	2.50E-04	3.50E-08	0.18	1.57E-02	1.01E-10	1,000,000	1.01E-04
45	3.02676	4.8461E-05	0.00014668	2.50E-04	3.67E-08	0.18	1.57E-02	1.06E-10	1,000,000	1.06E-04
46	3.13079	4.8461E-05	0.00015172	2.50E-04	3.80E-08	0.18	1.57E-02	1.09E-10	1,000,000	1.09E-04
47	3.18832	4.8461E-05	0.00015451	2.50E-04	3.87E-08	0.18	1.57E-02	1.11E-10	1,000,000	1.11E-04
48	1.86478	4.8461E-05	9.0369E-05	2.50E-04	2.26E-08	0.18	1.57E-02	6.52E-11	1,000,000	6.52E-05
49	2.04366	4.8461E-05	9.9037E-05	2.50E-04	2.48E-08	0.18	1.57E-02	7.14E-11	1,000,000	7.14E-05
50	2.24354	4.8461E-05	0.00010872	2.50E-04	2.72E-08	0.18	1.57E-02	7.84E-11	1,000,000	7.84E-05
51	2.46445	4.8461E-05	0.00011943	2.50E-04	2.99E-08	0.18	1.57E-02	8.61E-11	1,000,000	8.61E-05
52	2.70186	4.8461E-05	0.00013093	2.50E-04	3.28E-08	0.18	1.57E-02	9.44E-11	1,000,000	9.44E-05
53	2.94431	4.8461E-05	0.00014268	2.50E-04	3.57E-08	0.18	1.57E-02	1.03E-10	1,000,000	1.03E-04
54	3.17493	4.8461E-05	0.00015386	2.50E-04	3.85E-08	0.18	1.57E-02	1.11E-10	1,000,000	1.11E-04
55	3.37618	4.8461E-05	0.00016361	2.50E-04	4.09E-08	0.18	1.57E-02	1.18E-10	1,000,000	1.18E-04
56	3.53414	4.8461E-05	0.00017127	2.50E-04	4.29E-08	0.18	1.57E-02	1.23E-10	1,000,000	1.23E-04
57	3.64076	4.8461E-05	0.00017643	2.50E-04	4.42E-08	0.18	1.57E-02	1.27E-10	1,000,000	1.27E-04
58	3.68566	4.8461E-05	0.00017861	2.50E-04	4.47E-08	0.18	1.57E-02	1.29E-10	1,000,000	1.29E-04
59	2.09419	4.8461E-05	0.00010149	2.50E-04	2.54E-08	0.18	1.57E-02	7.32E-11	1,000,000	7.32E-05
60	2.31909	4.8461E-05	0.00011238	2.50E-04	2.81E-08	0.18	1.57E-02	8.10E-11	1,000,000	8.10E-05
61	2.57349	4.8461E-05	0.00012471	2.50E-04	3.12E-08	0.18	1.57E-02	8.99E-11	1,000,000	8.99E-05
62	2.85785	4.8461E-05	0.00013849	2.50E-04	3.47E-08	0.18	1.57E-02	9.99E-11	1,000,000	9.99E-05
63	3.16591	4.8461E-05	0.00015342	2.50E-04	3.84E-08	0.18	1.57E-02	1.11E-10	1,000,000	1.11E-04
64	3.47952	4.8461E-05	0.00016862	2.50E-04	4.22E-08	0.18	1.57E-02	1.22E-10	1,000,000	1.22E-04
65	3.77076	4.8461E-05	0.00018273	2.50E-04	4.57E-08	0.18	1.57E-02	1.32E-10	1,000,000	1.32E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
66	4.01188	4.8461E-05	0.00019442	2.50E-04	4.87E-08	0.18	1.57E-02	1.40E-10	1,000,000	1.40E-04
67	4.18476	4.8461E-05	0.0002028	2.50E-04	5.08E-08	0.18	1.57E-02	1.46E-10	1,000,000	1.46E-04
68	4.28407	4.8461E-05	0.00020761	2.50E-04	5.20E-08	0.18	1.57E-02	1.50E-10	1,000,000	1.50E-04
69	4.30303	4.8461E-05	0.00020853	2.50E-04	5.22E-08	0.18	1.57E-02	1.50E-10	1,000,000	1.50E-04
70	2.37009	4.8461E-05	0.00011486	2.50E-04	2.87E-08	0.18	1.57E-02	8.28E-11	1,000,000	8.28E-05
71	2.65903	4.8461E-05	0.00012886	2.50E-04	3.22E-08	0.18	1.57E-02	9.29E-11	1,000,000	9.29E-05
72	2.99179	4.8461E-05	0.00014498	2.50E-04	3.63E-08	0.18	1.57E-02	1.05E-10	1,000,000	1.05E-04
73	3.36963	4.8461E-05	0.00016329	2.50E-04	4.09E-08	0.18	1.57E-02	1.18E-10	1,000,000	1.18E-04
74	3.78347	4.8461E-05	0.00018335	2.50E-04	4.59E-08	0.18	1.57E-02	1.32E-10	1,000,000	1.32E-04
75	4.20209	4.8461E-05	0.00020364	2.50E-04	5.10E-08	0.18	1.57E-02	1.47E-10	1,000,000	1.47E-04
76	4.57548	4.8461E-05	0.00022173	2.50E-04	5.55E-08	0.18	1.57E-02	1.60E-10	1,000,000	1.60E-04
77	4.85913	4.8461E-05	0.00023548	2.50E-04	5.89E-08	0.18	1.57E-02	1.70E-10	1,000,000	1.70E-04
78	5.03434	4.8461E-05	0.00024397	2.50E-04	6.11E-08	0.18	1.57E-02	1.76E-10	1,000,000	1.76E-04
79	5.10741	4.8461E-05	0.00024751	2.50E-04	6.19E-08	0.18	1.57E-02	1.78E-10	1,000,000	1.78E-04
80	5.08014	4.8461E-05	0.00024619	2.50E-04	6.16E-08	0.18	1.57E-02	1.78E-10	1,000,000	1.78E-04
81	2.70502	4.8461E-05	0.00013109	2.50E-04	3.28E-08	0.18	1.57E-02	9.45E-11	1,000,000	9.45E-05
82	3.0855	4.8461E-05	0.00014953	2.50E-04	3.74E-08	0.18	1.57E-02	1.08E-10	1,000,000	1.08E-04
83	3.53588	4.8461E-05	0.00017135	2.50E-04	4.29E-08	0.18	1.57E-02	1.24E-10	1,000,000	1.24E-04
84	4.05995	4.8461E-05	0.00019675	2.50E-04	4.92E-08	0.18	1.57E-02	1.42E-10	1,000,000	1.42E-04
85	4.64344	4.8461E-05	0.00022502	2.50E-04	5.63E-08	0.18	1.57E-02	1.62E-10	1,000,000	1.62E-04
86	5.22557	4.8461E-05	0.00025323	2.50E-04	6.34E-08	0.18	1.57E-02	1.83E-10	1,000,000	1.83E-04
87	5.70706	4.8461E-05	0.00027657	2.50E-04	6.92E-08	0.18	1.57E-02	1.99E-10	1,000,000	1.99E-04
88	6.02	4.8461E-05	0.00029173	2.50E-04	7.30E-08	0.18	1.57E-02	2.10E-10	1,000,000	2.10E-04
89	6.165	4.8461E-05	0.00029876	2.50E-04	7.48E-08	0.18	1.57E-02	2.15E-10	1,000,000	2.15E-04
90	6.17969	4.8461E-05	0.00029947	2.50E-04	7.50E-08	0.18	1.57E-02	2.16E-10	1,000,000	2.16E-04
91	6.07815	4.8461E-05	0.00029455	2.50E-04	7.37E-08	0.18	1.57E-02	2.12E-10	1,000,000	2.12E-04
92	3.11492	4.8461E-05	0.00015095	2.50E-04	3.78E-08	0.18	1.57E-02	1.09E-10	1,000,000	1.09E-04
93	3.62995	4.8461E-05	0.00017591	2.50E-04	4.40E-08	0.18	1.57E-02	1.27E-10	1,000,000	1.27E-04
94	4.26626	4.8461E-05	0.00020675	2.50E-04	5.17E-08	0.18	1.57E-02	1.49E-10	1,000,000	1.49E-04
95	5.0388	4.8461E-05	0.00024418	2.50E-04	6.11E-08	0.18	1.57E-02	1.76E-10	1,000,000	1.76E-04
96	5.92432	4.8461E-05	0.0002871	2.50E-04	7.19E-08	0.18	1.57E-02	2.07E-10	1,000,000	2.07E-04
97	6.77971	4.8461E-05	0.00032855	2.50E-04	8.22E-08	0.18	1.57E-02	2.37E-10	1,000,000	2.37E-04
98	7.38058	4.8461E-05	0.00035767	2.50E-04	8.95E-08	0.18	1.57E-02	2.58E-10	1,000,000	2.58E-04
99	7.65742	4.8461E-05	0.00037108	2.50E-04	9.29E-08	0.18	1.57E-02	2.68E-10	1,000,000	2.68E-04
100	7.70194	4.8461E-05	0.00037324	2.50E-04	9.34E-08	0.18	1.57E-02	2.69E-10	1,000,000	2.69E-04
101	7.61233	4.8461E-05	0.0003689	2.50E-04	9.23E-08	0.18	1.57E-02	2.66E-10	1,000,000	2.66E-04
102	7.40346	4.8461E-05	0.00035878	2.50E-04	8.98E-08	0.18	1.57E-02	2.59E-10	1,000,000	2.59E-04
103	6.15641	4.8461E-05	0.00029834	2.50E-04	7.47E-08	0.18	1.57E-02	2.15E-10	1,000,000	2.15E-04
104	7.51841	4.8461E-05	0.00036435	2.50E-04	9.12E-08	0.18	1.57E-02	2.63E-10	1,000,000	2.63E-04
105	9.08519	4.8461E-05	0.00044027	2.50E-04	1.10E-07	0.18	1.57E-02	3.17E-10	1,000,000	3.17E-04
106	9.66369	4.8461E-05	0.00046831	2.50E-04	1.17E-07	0.18	1.57E-02	3.38E-10	1,000,000	3.38E-04
107	10.03691	4.8461E-05	0.0004864	2.50E-04	1.22E-07	0.18	1.57E-02	3.51E-10	1,000,000	3.51E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Cancer Risk From BCAC - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
108	9.85412	4.8461E-05	0.00047754	2.50E-04	1.20E-07	0.18	1.57E-02	3.44E-10	1,000,000	3.44E-04
109	9.61543	4.8461E-05	0.00046597	2.50E-04	1.17E-07	0.18	1.57E-02	3.36E-10	1,000,000	3.36E-04
110	9.27367	4.8461E-05	0.00044941	2.50E-04	1.12E-07	0.18	1.57E-02	3.24E-10	1,000,000	3.24E-04
111	5.05951	4.8461E-05	0.00024519	2.50E-04	6.14E-08	0.18	1.57E-02	1.77E-10	1,000,000	1.77E-04
112	4.11109	4.8461E-05	0.00019923	2.50E-04	4.99E-08	0.18	1.57E-02	1.44E-10	1,000,000	1.44E-04

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

Receptor #	Total Risk	Max. Risk			*Chronic Non Cancer Risk*				
			Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	2.0E-04	School	0.003	107	5	1.33E-06	9.73E-05	107	School
2	2.1E-04	Res	0.001	204	5	1.40E-06	8.24E-06	204	Res
3	2.2E-04	Teacher	0.00	107	5	1.48E-06	9.7E-05	107	Teacher
4	2.4E-04				5	1.57E-06			
5	2.5E-04				5	1.67E-06			
6	2.0E-04				5	1.31E-06			
7	2.1E-04				5	1.38E-06			
8	2.2E-04				5	1.46E-06			
9	2.3E-04				5	1.54E-06			
10	2.5E-04				5	1.64E-06			
11	1.9E-04				5	1.29E-06			
12	2.0E-04				5	1.36E-06			
13	2.2E-04				5	1.43E-06			
14	2.3E-04				5	1.52E-06			
15	2.4E-04				5	1.61E-06			
16	1.9E-04				5	1.27E-06			
17	2.0E-04				5	1.33E-06			
18	2.1E-04				5	1.41E-06			
19	2.2E-04				5	1.49E-06			
20	2.4E-04				5	1.58E-06			
21	1.9E-04				5	1.25E-06			
22	2.0E-04				5	1.31E-06			
23	2.1E-04				5	1.38E-06			
24	2.2E-04				5	1.46E-06			
25	2.3E-04				5	1.55E-06			
113	1.1E-03				5	7.23E-06			
114	9.9E-04				5	6.58E-06			
115	9.0E-04				5	6.00E-06			
116	8.3E-04				5	5.49E-06			
117	1.1E-03				5	7.49E-06			
118	1.0E-03				5	6.77E-06			
119	9.2E-04				5	6.14E-06			

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
120	8.4E-04			5	5.58E-06		
121	1.2E-03			5	7.71E-06		
122	1.0E-03			5	6.92E-06		
123	9.4E-04			5	6.24E-06		
124	8.5E-04			5	5.65E-06		
125	1.2E-03			5	7.89E-06		
126	1.1E-03			5	7.04E-06		
127	9.5E-04			5	6.32E-06		
128	8.6E-04			5	5.70E-06		
129	1.2E-03			5	8.02E-06		
130	1.1E-03			5	7.12E-06		
131	9.6E-04			5	6.37E-06		
132	8.6E-04			5	5.73E-06		
133	1.2E-03			5	8.11E-06		
134	1.1E-03			5	7.18E-06		
135	9.6E-04			5	6.40E-06		
136	8.7E-04			5	5.75E-06		
137	1.2E-03			5	8.17E-06		
138	9.7E-04			5	6.43E-06		
139	8.7E-04			5	5.77E-06		
140	1.2E-03			5	8.21E-06		
141	1.1E-03			5	7.23E-06		
142	9.7E-04			5	6.43E-06		
143	8.7E-04			5	5.77E-06		
144	1.2E-03			5	8.17E-06		
145	1.1E-03			5	7.20E-06		
146	9.6E-04			5	6.40E-06		
147	8.6E-04			5	5.74E-06		
148	1.2E-03			5	8.10E-06		
149	1.1E-03			5	7.14E-06		
150	9.6E-04			5	6.35E-06		
151	8.6E-04			5	5.69E-06		
152	1.2E-03			5	7.98E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
153	1.1E-03			5	7.04E-06		
154	9.4E-04			5	6.27E-06		
155	8.5E-04			5	5.62E-06		
156	1.2E-03			5	7.81E-06		
157	1.0E-03			5	6.90E-06		
158	9.3E-04			5	6.16E-06		
159	8.3E-04			5	5.53E-06		
160	1.1E-03			5	7.58E-06		
161	1.0E-03			5	6.73E-06		
162	9.1E-04			5	6.02E-06		
163	8.2E-04			5	5.42E-06		
164	1.1E-03			5	7.28E-06		
165	9.8E-04			5	6.50E-06		
166	8.8E-04			5	5.83E-06		
167	7.9E-04			5	5.27E-06		
168	1.0E-03			5	6.93E-06		
169	9.4E-04			5	6.22E-06		
170	8.4E-04			5	5.61E-06		
171	7.7E-04			5	5.09E-06		
172	9.9E-04			5	6.55E-06		
173	8.9E-04			5	5.91E-06		
174	8.1E-04			5	5.36E-06		
175	7.4E-04			5	4.89E-06		
176	9.3E-04			5	6.14E-06		
177	8.4E-04			5	5.58E-06		
178	7.7E-04			5	5.09E-06		
179	7.0E-04			5	4.67E-06		
180	8.6E-04			5	5.74E-06		
181	7.9E-04			5	5.24E-06		
182	7.2E-04			5	4.80E-06		
183	6.7E-04			5	4.43E-06		
184	1.2E-03			5	7.70E-06		
185	1.0E-03			5	6.83E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
186	9.3E-04			5	6.17E-06		
187	8.4E-04			5	5.60E-06		
188	7.7E-04			5	5.12E-06		
189	1.1E-03			5	7.01E-06		
190	9.5E-04			5	6.31E-06		
191	8.6E-04			5	5.72E-06		
192	7.9E-04			5	5.22E-06		
193	7.2E-04			5	4.78E-06		
194	9.7E-04			5	6.44E-06		
195	8.8E-04			5	5.84E-06		
196	8.0E-04			5	5.31E-06		
197	7.3E-04			5	4.86E-06		
198	6.7E-04			5	4.48E-06		
199	9.0E-04			5	5.95E-06		
200	8.2E-04			5	5.41E-06		
201	7.4E-04			5	4.95E-06		
202	6.8E-04			5	4.54E-06		
203	6.3E-04			5	4.19E-06		
204	1.2E-03			5	8.24E-06		
205	8.3E-04			5	5.52E-06		
206	7.6E-04			5	5.04E-06		
207	7.0E-04			5	4.62E-06		
208	6.4E-04			5	4.25E-06		
209	1.1E-03			5	7.45E-06		
210	1.0E-03			5	6.76E-06		
211	9.3E-04			5	6.15E-06		
212	8.5E-04			5	5.61E-06		
213	7.7E-04			5	5.13E-06		
214	7.1E-04			5	4.71E-06		
215	6.5E-04			5	4.33E-06		
216	1.1E-03			5	7.23E-06		
217	1.0E-03			5	6.67E-06		
218	9.3E-04			5	6.15E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
219	8.5E-04			5	5.68E-06		
220	7.9E-04			5	5.24E-06		
221	7.3E-04			5	4.84E-06		
222	9.8E-04			5	6.52E-06		
223	9.1E-04			5	6.06E-06		
224	8.5E-04			5	5.62E-06		
225	7.9E-04			5	5.22E-06		
226	7.3E-04			5	4.85E-06		
227	8.9E-04			5	5.92E-06		
228	8.3E-04			5	5.53E-06		
229	7.8E-04			5	5.16E-06		
230	7.2E-04			5	4.81E-06		
231	8.1E-04			5	5.40E-06		
232	7.6E-04			5	5.07E-06		
233	7.2E-04			5	4.76E-06		
234	6.7E-04			5	4.46E-06		
235	7.5E-04			5	4.95E-06		
236	7.0E-04			5	4.67E-06		
237	6.6E-04			5	4.39E-06		
238	6.2E-04			5	4.14E-06		
239	6.9E-04			5	4.56E-06		
240	6.5E-04			5	4.31E-06		
241	6.1E-04			5	4.08E-06		
242	5.8E-04			5	3.85E-06		
243	8.2E-04			5	5.43E-06		
244	8.3E-04			5	5.48E-06		
245	8.2E-04			5	5.46E-06		
246	8.1E-04			5	5.36E-06		
247	7.8E-04			5	5.20E-06		
248	7.5E-04			5	5.00E-06		
249	7.2E-04			5	4.78E-06		
250	7.5E-04			5	4.99E-06		
251	7.6E-04			5	5.03E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
252	7.5E-04			5	5.00E-06		
253	7.4E-04			5	4.91E-06		
254	7.2E-04			5	4.77E-06		
255	6.9E-04			5	4.60E-06		
256	6.6E-04			5	4.40E-06		
257	6.9E-04			5	4.60E-06		
258	7.0E-04			5	4.63E-06		
259	6.9E-04			5	4.60E-06		
260	6.8E-04			5	4.52E-06		
261	6.6E-04			5	4.40E-06		
262	6.4E-04			5	4.24E-06		
263	6.1E-04			5	4.07E-06		
264	6.4E-04			5	4.26E-06		
265	6.4E-04			5	4.28E-06		
266	6.4E-04			5	4.25E-06		
267	6.3E-04			5	4.18E-06		
268	6.1E-04			5	4.07E-06		
269	5.9E-04			5	3.94E-06		
270	5.7E-04			5	3.79E-06		
271	6.0E-04			5	3.96E-06		
272	6.0E-04			5	3.97E-06		
273	5.9E-04			5	3.94E-06		
274	5.8E-04			5	3.88E-06		
275	5.7E-04			5	3.78E-06		
276	5.5E-04			5	3.66E-06		
277	5.3E-04			5	3.53E-06		
278	4.1E-04			5	2.73E-06		
279	4.2E-04			5	2.82E-06		
280	4.6E-04			5	3.06E-06		
281	4.5E-04			5	3.02E-06		
282	5.0E-04			5	3.29E-06		
283	4.2E-04			5	2.79E-06		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
				School - Student Receptors			
26	3.8E-04			5	1.46E-05		
27	4.1E-04			5	1.58E-05		
28	4.5E-04			5	1.71E-05		
29	4.8E-04			5	1.84E-05		
30	5.2E-04			5	1.99E-05		
31	5.6E-04			5	2.14E-05		
32	6.0E-04			5	2.29E-05		
33	6.3E-04			5	2.43E-05		
34	6.7E-04			5	2.54E-05		
35	6.9E-04			5	2.64E-05		
36	7.1E-04			5	2.70E-05		
37	4.2E-04			5	1.62E-05		
38	4.6E-04			5	1.76E-05		
39	5.0E-04			5	1.92E-05		
40	5.5E-04			5	2.09E-05		
41	5.9E-04			5	2.27E-05		
42	6.4E-04			5	2.46E-05		
43	6.9E-04			5	2.64E-05		
44	7.3E-04			5	2.80E-05		
45	7.7E-04			5	2.93E-05		
46	7.9E-04			5	3.03E-05		
47	8.1E-04			5	3.09E-05		
48	4.7E-04			5	1.81E-05		
49	5.2E-04			5	1.98E-05		
50	5.7E-04			5	2.17E-05		
51	6.2E-04			5	2.39E-05		
52	6.8E-04			5	2.62E-05		
53	7.5E-04			5	2.85E-05		
54	8.0E-04			5	3.08E-05		
55	8.6E-04			5	3.27E-05		
56	9.0E-04			5	3.43E-05		
57	9.2E-04			5	3.53E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
58	9.3E-04			5	3.57E-05		
59	5.3E-04			5	2.03E-05		
60	5.9E-04			5	2.25E-05		
61	6.5E-04			5	2.49E-05		
62	7.2E-04			5	2.77E-05		
63	8.0E-04			5	3.07E-05		
64	8.8E-04			5	3.37E-05		
65	9.6E-04			5	3.65E-05		
66	1.0E-03			5	3.89E-05		
67	1.1E-03			5	4.06E-05		
68	1.1E-03			5	4.15E-05		
69	1.1E-03			5	4.17E-05		
70	6.0E-04			5	2.30E-05		
71	6.7E-04			5	2.58E-05		
72	7.6E-04			5	2.90E-05		
73	8.5E-04			5	3.27E-05		
74	9.6E-04			5	3.67E-05		
75	1.1E-03			5	4.07E-05		
76	1.2E-03			5	4.43E-05		
77	1.2E-03			5	4.71E-05		
78	1.3E-03			5	4.88E-05		
79	1.3E-03			5	4.95E-05		
80	1.3E-03			5	4.92E-05		
81	6.9E-04			5	2.62E-05		
82	7.8E-04			5	2.99E-05		
83	9.0E-04			5	3.43E-05		
84	1.0E-03			5	3.93E-05		
85	1.2E-03			5	4.50E-05		
86	1.3E-03			5	5.06E-05		
87	1.4E-03			5	5.53E-05		
88	1.5E-03			5	5.83E-05		
89	1.6E-03			5	5.98E-05		
90	1.6E-03			5	5.99E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
91	1.5E-03			5	5.89E-05		
92	7.9E-04			5	3.02E-05		
93	9.2E-04			5	3.52E-05		
94	1.1E-03			5	4.13E-05		
95	1.3E-03			5	4.88E-05		
96	1.5E-03			5	5.74E-05		
97	1.7E-03			5	6.57E-05		
98	1.9E-03			5	7.15E-05		
99	1.9E-03			5	7.42E-05		
100	2.0E-03			5	7.46E-05		
101	1.9E-03			5	7.38E-05		
102	1.9E-03			5	7.18E-05		
103	1.6E-03			5	5.97E-05		
104	1.9E-03			5	7.29E-05		
105	2.3E-03			5	8.81E-05		
106	2.4E-03			5	9.37E-05		
107	2.5E-03			5	9.73E-05		
108	2.5E-03			5	9.55E-05		
109	2.4E-03			5	9.32E-05		
110	2.4E-03			5	8.99E-05		
111	1.3E-03			5	4.90E-05		
112	1.0E-03			5	3.98E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
			School - Teacher				
26	5.3E-05			5	1.46E-05		
27	5.7E-05			5	1.58E-05		
28	6.1E-05			5	1.71E-05		
29	6.6E-05			5	1.84E-05		
30	7.2E-05			5	1.99E-05		
31	7.7E-05			5	2.14E-05		
32	8.3E-05			5	2.29E-05		
33	8.7E-05			5	2.43E-05		
34	9.2E-05			5	2.54E-05		
35	9.5E-05			5	2.64E-05		
36	9.7E-05			5	2.70E-05		
37	5.8E-05			5	1.62E-05		
38	6.3E-05			5	1.76E-05		
39	6.9E-05			5	1.92E-05		
40	7.5E-05			5	2.09E-05		
41	8.2E-05			5	2.27E-05		
42	8.9E-05			5	2.46E-05		
43	9.5E-05			5	2.64E-05		
44	1.0E-04			5	2.80E-05		
45	1.1E-04			5	2.93E-05		
46	1.1E-04			5	3.03E-05		
47	1.1E-04			5	3.09E-05		
48	6.5E-05			5	1.81E-05		
49	7.1E-05			5	1.98E-05		
50	7.8E-05			5	2.17E-05		
51	8.6E-05			5	2.39E-05		
52	9.4E-05			5	2.62E-05		
53	1.0E-04			5	2.85E-05		
54	1.1E-04			5	3.08E-05		
55	1.2E-04			5	3.27E-05		
56	1.2E-04			5	3.43E-05		
57	1.3E-04			5	3.53E-05		
58	1.3E-04			5	3.57E-05		
59	7.3E-05			5	2.03E-05		
60	8.1E-05			5	2.25E-05		
61	9.0E-05			5	2.49E-05		
62	1.0E-04			5	2.77E-05		
63	1.1E-04			5	3.07E-05		
64	1.2E-04			5	3.37E-05		
65	1.3E-04			5	3.65E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
66	1.4E-04			5	3.89E-05		
67	1.5E-04			5	4.06E-05		
68	1.5E-04			5	4.15E-05		
69	1.5E-04			5	4.17E-05		
70	8.3E-05			5	2.30E-05		
71	9.3E-05			5	2.58E-05		
72	1.0E-04			5	2.90E-05		
73	1.2E-04			5	3.27E-05		
74	1.3E-04			5	3.67E-05		
75	1.5E-04			5	4.07E-05		
76	1.6E-04			5	4.43E-05		
77	1.7E-04			5	4.71E-05		
78	1.8E-04			5	4.88E-05		
79	1.8E-04			5	4.95E-05		
80	1.8E-04			5	4.92E-05		
81	9.5E-05			5	2.62E-05		
82	1.1E-04			5	2.99E-05		
83	1.2E-04			5	3.43E-05		
84	1.4E-04			5	3.93E-05		
85	1.6E-04			5	4.50E-05		
86	1.8E-04			5	5.06E-05		
87	2.0E-04			5	5.53E-05		
88	2.1E-04			5	5.83E-05		
89	2.2E-04			5	5.98E-05		
90	2.2E-04			5	5.99E-05		
91	2.1E-04			5	5.89E-05		
92	1.1E-04			5	3.02E-05		
93	1.3E-04			5	3.52E-05		
94	1.5E-04			5	4.13E-05		
95	1.8E-04			5	4.88E-05		
96	2.1E-04			5	5.74E-05		
97	2.4E-04			5	6.57E-05		
98	2.6E-04			5	7.15E-05		
99	2.7E-04			5	7.42E-05		
100	2.7E-04			5	7.46E-05		
101	2.7E-04			5	7.38E-05		
102	2.6E-04			5	7.18E-05		
103	2.2E-04			5	5.97E-05		
104	2.6E-04			5	7.29E-05		
105	3.2E-04			5	8.81E-05		
106	3.4E-04			5	9.37E-05		
107	3.5E-04			5	9.73E-05		

Shiolh Business Park

Unmitigated - Construction Risk - Arch. Coating

	Max. Risk			*Chronic Non Cancer Risk*			
Receptor #	Total Risk	Max	Receptor #	REL	HI	Max	Receptor #
108	3.4E-04			5	9.55E-05		
109	3.4E-04			5	9.32E-05		
110	3.2E-04			5	8.99E-05		
111	1.8E-04			5	4.90E-05		
112	1.4E-04			5	3.98E-05		

Attachment 4

29-year Operational Risk Calculations

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

				Cancer Risk									
Receptor #	Total Per/Million	Rec#		Haul1&3	Haul2&3	Idle		Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	
	1.438	278	<-Max	0.6335	1.1444	0.6360	Res						
	2.30	#N/A		1.144	1.003	1.216	Teacher	7.07	#N/A	0.000	3.524	3.085	Student
1	2.594E-01			5.53E-02	1.41E-01	1.18E-01							
2	2.837E-01			5.84E-02	1.58E-01	1.26E-01							
3	3.136E-01			6.20E-02	1.80E-01	1.34E-01							
4	3.503E-01			6.58E-02	2.07E-01	1.43E-01							
5	3.980E-01			7.01E-02	2.45E-01	1.53E-01							
6	2.574E-01			5.50E-02	1.40E-01	1.17E-01							
7	2.813E-01			5.81E-02	1.57E-01	1.25E-01							
8	3.105E-01			6.16E-02	1.78E-01	1.33E-01							
9	3.475E-01			6.55E-02	2.05E-01	1.42E-01							
10	3.946E-01			6.98E-02	2.42E-01	1.52E-01							
11	2.547E-01			5.46E-02	1.38E-01	1.16E-01							
12	2.783E-01			5.78E-02	1.55E-01	1.24E-01							
13	3.072E-01			6.13E-02	1.75E-01	1.32E-01							
14	3.440E-01			6.52E-02	2.03E-01	1.41E-01							
15	3.908E-01			6.95E-02	2.39E-01	1.52E-01							
16	2.519E-01			5.43E-02	1.36E-01	1.16E-01							
17	2.755E-01			5.75E-02	1.53E-01	1.23E-01							
18	3.041E-01			6.10E-02	1.73E-01	1.31E-01							
19	3.396E-01			6.48E-02	1.99E-01	1.40E-01							
20	3.867E-01			6.92E-02	2.36E-01	1.51E-01							
21	2.144E-01			5.41E-02	9.95E-02	1.15E-01							
22	2.330E-01			5.73E-02	1.11E-01	1.22E-01							
23	2.554E-01			6.08E-02	1.25E-01	1.30E-01							
24	2.828E-01			6.46E-02	1.43E-01	1.40E-01							
25	3.172E-01			6.89E-02	1.67E-01	1.50E-01							
113	1.186E+00			6.34E-01	2.49E-01	5.53E-01							
114	1.077E+00			5.75E-01	2.28E-01	5.03E-01							
115	9.812E-01			5.23E-01	2.09E-01	4.58E-01							
116	8.940E-01			4.74E-01	1.92E-01	4.20E-01							
117	1.150E+00			5.81E-01	2.56E-01	5.69E-01							

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
118	1.041E+00		5.26E-01	2.33E-01	5.15E-01					
119	9.455E-01		4.77E-01	2.13E-01	4.68E-01					
120	8.599E-01		4.33E-01	1.96E-01	4.27E-01					
121	1.123E+00		5.38E-01	2.63E-01	5.84E-01					
122	1.014E+00		4.87E-01	2.38E-01	5.27E-01					
123	9.184E-01		4.41E-01	2.17E-01	4.77E-01					
124	8.343E-01		4.00E-01	1.99E-01	4.34E-01					
125	1.102E+00		5.04E-01	2.68E-01	5.97E-01					
126	9.919E-01		4.55E-01	2.42E-01	5.37E-01					
127	8.971E-01		4.12E-01	2.33E-01	4.85E-01					
128	8.141E-01		3.74E-01	2.14E-01	4.40E-01					
129	1.084E+00		4.76E-01	2.88E-01	6.09E-01					
130	9.743E-01		4.29E-01	2.60E-01	5.45E-01					
131	8.798E-01		3.89E-01	2.36E-01	4.91E-01					
132	7.978E-01		3.53E-01	2.16E-01	4.45E-01					
133	1.070E+00		4.51E-01	2.92E-01	6.18E-01					
134	9.592E-01		4.07E-01	2.64E-01	5.52E-01					
135	8.651E-01		3.69E-01	2.39E-01	4.97E-01					
136	7.840E-01		3.35E-01	2.18E-01	4.49E-01					
137	1.056E+00		4.30E-01	2.96E-01	6.26E-01					
138	8.520E-01		3.51E-01	2.41E-01	5.01E-01					
139	7.718E-01		3.19E-01	2.20E-01	4.53E-01					
140	1.013E+00		3.77E-01	3.01E-01	6.36E-01					
141	9.052E-01		3.40E-01	2.70E-01	5.65E-01					
142	8.145E-01		3.09E-01	2.44E-01	5.06E-01					
143	7.374E-01		2.81E-01	2.22E-01	4.56E-01					
144	9.951E-01		3.61E-01	3.00E-01	6.34E-01					
145	8.892E-01		3.26E-01	2.70E-01	5.63E-01					
146	8.003E-01		2.96E-01	2.44E-01	5.04E-01					
147	7.248E-01		2.70E-01	2.22E-01	4.55E-01					
148	9.737E-01		3.45E-01	2.98E-01	6.29E-01					
149	8.708E-01		3.12E-01	2.68E-01	5.59E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
150	7.844E-01		2.84E-01	2.42E-01	5.01E-01					
151	7.110E-01		2.59E-01	2.21E-01	4.52E-01					
152	9.482E-01		3.29E-01	2.94E-01	6.20E-01					
153	8.495E-01		2.98E-01	2.65E-01	5.52E-01					
154	7.663E-01		2.72E-01	2.40E-01	4.95E-01					
155	6.955E-01		2.49E-01	2.19E-01	4.47E-01					
156	9.176E-01		3.12E-01	2.88E-01	6.06E-01					
157	8.246E-01		2.84E-01	2.60E-01	5.41E-01					
158	7.456E-01		2.59E-01	2.37E-01	4.86E-01					
159	6.780E-01		2.38E-01	2.16E-01	4.40E-01					
160	8.813E-01		2.94E-01	2.80E-01	5.87E-01					
161	7.953E-01		2.69E-01	2.54E-01	5.26E-01					
162	7.216E-01		2.47E-01	2.32E-01	4.75E-01					
163	6.579E-01		2.27E-01	2.13E-01	4.31E-01					
164	8.395E-01		2.77E-01	2.71E-01	5.63E-01					
165	7.615E-01		2.54E-01	2.47E-01	5.08E-01					
166	6.934E-01		2.34E-01	2.26E-01	4.60E-01					
167	6.346E-01		2.16E-01	2.08E-01	4.19E-01					
168	7.952E-01		2.59E-01	2.60E-01	5.35E-01					
169	7.239E-01		2.39E-01	2.38E-01	4.85E-01					
170	6.623E-01		2.21E-01	2.19E-01	4.42E-01					
171	6.089E-01		2.05E-01	2.02E-01	4.04E-01					
172	7.535E-01		2.42E-01	2.49E-01	5.04E-01					
173	6.892E-01		2.24E-01	2.29E-01	4.60E-01					
174	6.328E-01		2.08E-01	2.12E-01	4.21E-01					
175	5.833E-01		1.94E-01	1.96E-01	3.87E-01					
176	7.110E-01		2.25E-01	2.38E-01	4.73E-01					
177	6.533E-01		2.09E-01	2.20E-01	4.34E-01					
178	6.026E-01		1.95E-01	2.03E-01	3.99E-01					
179	5.578E-01		1.83E-01	1.89E-01	3.69E-01					
180	6.686E-01		2.10E-01	2.27E-01	4.42E-01					
181	6.171E-01		1.96E-01	2.10E-01	4.07E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
182	5.714E-01		1.83E-01	1.95E-01	3.76E-01					
183	5.311E-01		1.72E-01	1.82E-01	3.49E-01					
184	8.702E-01		2.79E-01	2.84E-01	5.87E-01					
185	7.739E-01		2.35E-01	2.64E-01	5.10E-01					
186	7.093E-01		2.18E-01	2.42E-01	4.67E-01					
187	6.530E-01		2.04E-01	2.23E-01	4.30E-01					
188	6.036E-01		1.90E-01	2.07E-01	3.97E-01					
189	7.826E-01		2.33E-01	2.73E-01	5.10E-01					
190	7.179E-01		2.17E-01	2.50E-01	4.68E-01					
191	6.613E-01		2.03E-01	2.30E-01	4.31E-01					
192	6.116E-01		1.90E-01	2.13E-01	3.99E-01					
193	5.676E-01		1.78E-01	1.98E-01	3.70E-01					
194	7.234E-01		2.15E-01	2.58E-01	4.66E-01					
195	6.663E-01		2.01E-01	2.37E-01	4.29E-01					
196	6.165E-01		1.88E-01	2.19E-01	3.98E-01					
197	5.721E-01		1.77E-01	2.03E-01	3.69E-01					
198	5.330E-01		1.66E-01	1.89E-01	3.44E-01					
199	6.717E-01		2.00E-01	2.44E-01	4.28E-01					
200	6.204E-01		1.87E-01	2.25E-01	3.96E-01					
201	5.755E-01		1.75E-01	2.08E-01	3.67E-01					
202	5.357E-01		1.65E-01	1.94E-01	3.42E-01					
203	5.006E-01		1.56E-01	1.80E-01	3.20E-01					
204	8.913E-01		2.45E-01	3.30E-01	5.61E-01					
205	6.268E-01		1.86E-01	2.31E-01	3.96E-01					
206	5.802E-01		1.74E-01	2.14E-01	3.66E-01					
207	5.390E-01		1.64E-01	1.98E-01	3.41E-01					
208	5.029E-01		1.55E-01	1.85E-01	3.18E-01					
209	8.209E-01		2.25E-01	3.08E-01	5.13E-01					
210	7.517E-01		2.10E-01	2.82E-01	4.70E-01					
211	6.901E-01		1.97E-01	2.58E-01	4.32E-01					
212	6.357E-01		1.85E-01	2.38E-01	3.98E-01					
213	5.875E-01		1.74E-01	2.20E-01	3.68E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
214	5.449E-01		1.63E-01	2.04E-01	3.41E-01					
215	5.071E-01		1.54E-01	1.89E-01	3.18E-01					
216	8.233E-01		2.16E-01	3.21E-01	5.02E-01					
217	7.593E-01		2.04E-01	2.94E-01	4.65E-01					
218	7.011E-01		1.92E-01	2.70E-01	4.31E-01					
219	6.491E-01		1.81E-01	2.49E-01	4.00E-01					
220	6.017E-01		1.71E-01	2.30E-01	3.72E-01					
221	5.588E-01		1.61E-01	2.13E-01	3.45E-01					
222	7.564E-01		1.99E-01	2.98E-01	4.58E-01					
223	7.008E-01		1.88E-01	2.74E-01	4.27E-01					
224	6.504E-01		1.78E-01	2.53E-01	3.97E-01					
225	6.048E-01		1.69E-01	2.34E-01	3.71E-01					
226	5.629E-01		1.60E-01	2.17E-01	3.46E-01					
227	6.971E-01		1.84E-01	2.77E-01	4.20E-01					
228	6.485E-01		1.75E-01	2.56E-01	3.93E-01					
229	6.043E-01		1.66E-01	2.37E-01	3.68E-01					
230	5.639E-01		1.58E-01	2.20E-01	3.44E-01					
231	6.439E-01		1.71E-01	2.58E-01	3.86E-01					
232	6.017E-01		1.63E-01	2.39E-01	3.63E-01					
233	5.627E-01		1.55E-01	2.22E-01	3.41E-01					
234	5.271E-01		1.48E-01	2.07E-01	3.20E-01					
235	5.963E-01		1.59E-01	2.40E-01	3.56E-01					
236	5.595E-01		1.52E-01	2.23E-01	3.36E-01					
237	5.248E-01		1.45E-01	2.08E-01	3.17E-01					
238	4.935E-01		1.39E-01	1.95E-01	2.99E-01					
239	5.534E-01		1.49E-01	2.23E-01	3.30E-01					
240	5.207E-01		1.42E-01	2.08E-01	3.12E-01					
241	4.905E-01		1.36E-01	1.95E-01	2.95E-01					
242	4.628E-01		1.30E-01	1.83E-01	2.80E-01					
243	8.241E-01		1.85E-01	3.71E-01	4.53E-01					
244	7.841E-01		1.82E-01	3.44E-01	4.40E-01					
245	7.436E-01		1.77E-01	3.19E-01	4.24E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
246	7.032E-01		1.72E-01	2.97E-01	4.06E-01					
247	6.633E-01		1.66E-01	2.76E-01	3.87E-01					
248	6.254E-01		1.60E-01	2.58E-01	3.68E-01					
249	5.893E-01		1.54E-01	2.40E-01	3.49E-01					
250	7.483E-01		1.72E-01	3.33E-01	4.15E-01					
251	7.143E-01		1.69E-01	3.11E-01	4.03E-01					
252	6.796E-01		1.65E-01	2.90E-01	3.89E-01					
253	6.448E-01		1.60E-01	2.71E-01	3.74E-01					
254	6.102E-01		1.55E-01	2.53E-01	3.57E-01					
255	5.772E-01		1.50E-01	2.37E-01	3.40E-01					
256	5.452E-01		1.44E-01	2.22E-01	3.23E-01					
257	6.833E-01		1.60E-01	3.02E-01	3.82E-01					
258	6.541E-01		1.57E-01	2.83E-01	3.71E-01					
259	6.241E-01		1.54E-01	2.65E-01	3.59E-01					
260	5.938E-01		1.49E-01	2.49E-01	3.45E-01					
261	5.635E-01		1.45E-01	2.33E-01	3.30E-01					
262	5.346E-01		1.40E-01	2.19E-01	3.15E-01					
263	5.063E-01		1.35E-01	2.06E-01	3.01E-01					
264	6.274E-01		1.49E-01	2.75E-01	3.53E-01					
265	6.019E-01		1.47E-01	2.59E-01	3.43E-01					
266	5.755E-01		1.44E-01	2.43E-01	3.32E-01					
267	5.490E-01		1.40E-01	2.29E-01	3.20E-01					
268	5.227E-01		1.36E-01	2.16E-01	3.07E-01					
269	4.970E-01		1.31E-01	2.03E-01	2.94E-01					
270	4.718E-01		1.27E-01	1.91E-01	2.80E-01					
271	5.785E-01		1.40E-01	2.52E-01	3.27E-01					
272	5.561E-01		1.37E-01	2.38E-01	3.18E-01					
273	5.329E-01		1.35E-01	2.25E-01	3.08E-01					
274	5.095E-01		1.31E-01	2.12E-01	2.97E-01					
275	4.862E-01		1.28E-01	2.00E-01	2.86E-01					
276	4.635E-01		1.24E-01	1.89E-01	2.74E-01					
277	4.407E-01		1.20E-01	1.78E-01	2.62E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
278	1.438E+00		1.24E-01	1.14E+00	2.94E-01					
279	1.374E+00		1.29E-01	1.07E+00	3.07E-01					
280	1.293E+00		1.40E-01	9.53E-01	3.41E-01					
281	1.205E+00		1.39E-01	8.69E-01	3.36E-01					
282	1.310E+00		1.50E-01	9.40E-01	3.69E-01					
283	1.129E+00		1.28E-01	8.22E-01	3.07E-01					

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
					School Receptors					
26	2.331E-01		8.22E-02	6.17E-02	1.51E-01	0.72		2.53E-01	2.09E-01	0.46
27	2.535E-01		9.14E-02	6.67E-02	1.62E-01	0.78		2.82E-01	2.22E-01	0.50
28	2.767E-01		1.03E-01	7.23E-02	1.74E-01	0.85		3.16E-01	2.36E-01	0.54
29	3.033E-01		1.16E-01	7.88E-02	1.87E-01	0.93		3.59E-01	2.51E-01	0.58
30	3.343E-01		1.34E-01	8.63E-02	2.00E-01	1.03		4.13E-01	2.67E-01	0.62
31	3.712E-01		1.57E-01	9.17E-02	2.14E-01	1.14		4.85E-01	2.84E-01	0.66
32	4.166E-01		1.89E-01	9.77E-02	2.28E-01	1.28		5.81E-01	3.02E-01	0.70
33	4.746E-01		2.32E-01	1.04E-01	2.42E-01	1.46		7.16E-01	3.21E-01	0.75
34	5.542E-01		2.98E-01	1.10E-01	2.56E-01	1.71		9.18E-01	3.41E-01	0.79
35	6.888E-01		4.20E-01	1.17E-01	2.68E-01	2.12		1.29E+00	3.60E-01	0.83
36	6.714E-01		3.93E-01	1.23E-01	2.78E-01	2.07		1.21E+00	3.77E-01	0.86
37	2.522E-01		8.70E-02	7.33E-02	1.65E-01	0.78		2.68E-01	2.26E-01	0.51
38	2.754E-01		9.70E-02	7.80E-02	1.78E-01	0.85		2.99E-01	2.41E-01	0.55
39	3.018E-01		1.09E-01	8.32E-02	1.93E-01	0.93		3.36E-01	2.58E-01	0.59
40	3.320E-01		1.24E-01	8.88E-02	2.08E-01	1.02		3.81E-01	2.76E-01	0.64
41	3.667E-01		1.42E-01	9.50E-02	2.24E-01	1.13		4.38E-01	2.96E-01	0.69
42	4.070E-01		1.66E-01	1.02E-01	2.41E-01	1.25		5.11E-01	3.17E-01	0.74
43	4.550E-01		1.96E-01	1.10E-01	2.59E-01	1.40		6.05E-01	3.40E-01	0.80
44	5.141E-01		2.38E-01	1.18E-01	2.76E-01	1.58		7.33E-01	3.64E-01	0.85
45	5.926E-01		2.99E-01	1.26E-01	2.94E-01	1.83		9.21E-01	3.89E-01	0.90
46	7.240E-01		4.15E-01	1.34E-01	3.09E-01	2.23		1.28E+00	4.14E-01	0.95
47	7.234E-01		4.04E-01	1.42E-01	3.20E-01	2.23		1.24E+00	4.36E-01	0.98
48	2.738E-01		9.23E-02	7.94E-02	1.82E-01	0.84		2.84E-01	2.45E-01	0.56
49	3.005E-01		1.03E-01	8.50E-02	1.97E-01	0.93		3.18E-01	2.63E-01	0.61
50	3.309E-01		1.16E-01	9.12E-02	2.15E-01	1.02		3.58E-01	2.83E-01	0.66
51	3.655E-01		1.32E-01	9.82E-02	2.33E-01	1.13		4.07E-01	3.05E-01	0.72
52	4.050E-01		1.51E-01	1.06E-01	2.54E-01	1.25		4.67E-01	3.29E-01	0.78
53	4.503E-01		1.76E-01	1.15E-01	2.75E-01	1.39		5.41E-01	3.56E-01	0.85
54	5.031E-01		2.07E-01	1.25E-01	2.96E-01	1.55		6.36E-01	3.86E-01	0.91
55	5.668E-01		2.48E-01	1.35E-01	3.19E-01	1.75		7.63E-01	4.17E-01	0.98
56	6.494E-01		3.08E-01	1.46E-01	3.41E-01	2.00		9.50E-01	4.50E-01	1.05

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
57	7.848E-01		4.25E-01	1.57E-01	3.60E-01	2.42		1.31E+00	4.84E-01	1.11
58	7.939E-01		4.21E-01	1.67E-01	3.73E-01	2.45		1.30E+00	5.14E-01	1.15
59	2.986E-01		9.81E-02	8.63E-02	2.00E-01	0.92		3.02E-01	2.67E-01	0.62
60	3.295E-01		1.10E-01	9.30E-02	2.19E-01	1.02		3.39E-01	2.88E-01	0.68
61	3.649E-01		1.24E-01	1.01E-01	2.41E-01	1.12		3.83E-01	3.12E-01	0.74
62	4.053E-01		1.41E-01	1.09E-01	2.64E-01	1.25		4.36E-01	3.39E-01	0.81
63	4.514E-01		1.62E-01	1.19E-01	2.89E-01	1.39		5.00E-01	3.70E-01	0.89
64	5.040E-01		1.88E-01	1.31E-01	3.16E-01	1.55		5.79E-01	4.05E-01	0.97
65	5.647E-01		2.20E-01	1.43E-01	3.44E-01	1.74		6.79E-01	4.43E-01	1.06
66	6.371E-01		2.63E-01	1.57E-01	3.74E-01	1.96		8.11E-01	4.86E-01	1.15
67	7.290E-01		3.26E-01	1.73E-01	4.03E-01	2.25		1.00E+00	5.32E-01	1.24
68	8.721E-01		4.44E-01	1.88E-01	4.28E-01	2.69		1.37E+00	5.80E-01	1.32
69	8.895E-01		4.47E-01	2.03E-01	4.43E-01	2.74		1.38E+00	6.23E-01	1.36
70	3.268E-01		1.05E-01	9.41E-02	2.22E-01	1.01		3.22E-01	2.91E-01	0.68
71	3.631E-01		1.18E-01	1.02E-01	2.45E-01	1.12		3.63E-01	3.17E-01	0.76
72	4.049E-01		1.33E-01	1.11E-01	2.71E-01	1.25		4.11E-01	3.46E-01	0.84
73	4.529E-01		1.52E-01	1.22E-01	3.01E-01	1.40		4.69E-01	3.80E-01	0.93
74	5.082E-01		1.75E-01	1.34E-01	3.33E-01	1.57		5.40E-01	4.19E-01	1.03
75	5.718E-01		2.03E-01	1.50E-01	3.68E-01	1.76		6.26E-01	4.64E-01	1.13
76	6.452E-01		2.39E-01	1.67E-01	4.06E-01	1.99		7.36E-01	5.16E-01	1.25
77	7.323E-01		2.86E-01	1.87E-01	4.47E-01	2.26		8.80E-01	5.76E-01	1.38
78	8.405E-01		3.53E-01	2.09E-01	4.87E-01	2.59		1.09E+00	6.44E-01	1.50
79	9.972E-01		4.77E-01	2.33E-01	5.20E-01	3.07		1.47E+00	7.17E-01	1.60
80	1.025E+00		4.88E-01	2.56E-01	5.37E-01	3.16		1.50E+00	7.85E-01	1.65
81	3.592E-01		1.12E-01	1.03E-01	2.47E-01	1.11		3.44E-01	3.18E-01	0.76
82	4.022E-01		1.26E-01	1.13E-01	2.76E-01	1.24		3.90E-01	3.49E-01	0.85
83	4.523E-01		1.44E-01	1.24E-01	3.08E-01	1.39		4.44E-01	3.85E-01	0.95
84	5.107E-01		1.65E-01	1.37E-01	3.46E-01	1.57		5.09E-01	4.28E-01	1.06
85	5.790E-01		1.91E-01	1.53E-01	3.88E-01	1.78		5.88E-01	4.78E-01	1.20
86	6.590E-01		2.23E-01	1.74E-01	4.36E-01	2.03		6.87E-01	5.38E-01	1.34
87	7.529E-01		2.64E-01	1.98E-01	4.89E-01	2.32		8.13E-01	6.11E-01	1.51
88	8.649E-01		3.18E-01	2.27E-01	5.47E-01	2.66		9.80E-01	6.99E-01	1.68

Shiolh Business Park
Unmitigated 29 year Operational - Risk Summary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
89	1.002E+00		3.96E-01	2.62E-01	6.06E-01	3.09		1.22E+00	8.05E-01	1.87
90	1.185E+00		5.32E-01	3.02E-01	6.54E-01	3.65		1.64E+00	9.30E-01	2.01
91	1.228E+00		5.59E-01	3.42E-01	6.69E-01	3.78		1.72E+00	1.05E+00	2.06
92	3.963E-01		1.20E-01	1.13E-01	2.76E-01	1.22		3.69E-01	3.49E-01	0.85
93	4.478E-01		1.36E-01	1.24E-01	3.11E-01	1.38		4.20E-01	3.86E-01	0.96
94	5.088E-01		1.56E-01	1.39E-01	3.53E-01	1.57		4.81E-01	4.31E-01	1.09
95	5.813E-01		1.81E-01	1.55E-01	4.01E-01	1.79		5.56E-01	4.84E-01	1.23
96	6.680E-01		2.11E-01	1.76E-01	4.58E-01	2.06		6.49E-01	5.50E-01	1.41
97	7.730E-01		2.48E-01	2.04E-01	5.25E-01	2.38		7.65E-01	6.31E-01	1.62
98	9.009E-01		2.98E-01	2.38E-01	6.03E-01	2.78		9.18E-01	7.35E-01	1.86
99	1.058E+00		3.65E-01	2.82E-01	6.92E-01	3.26		1.13E+00	8.71E-01	2.13
100	1.252E+00		4.64E-01	3.42E-01	7.88E-01	3.86		1.43E+00	1.05E+00	2.43
101	1.492E+00		6.32E-01	4.22E-01	8.60E-01	4.60		1.95E+00	1.30E+00	2.65
102	1.565E+00		7.03E-01	5.12E-01	8.62E-01	4.82		2.17E+00	1.57E+00	2.66
103	6.475E-01		1.94E-01	1.73E-01	4.53E-01	1.99		5.99E-01	5.36E-01	1.40
104	7.543E-01		2.29E-01	1.99E-01	5.26E-01	2.32		7.04E-01	6.17E-01	1.62
105	9.094E-01		2.78E-01	2.37E-01	6.31E-01	2.80		8.57E-01	7.37E-01	1.94
106	1.088E+00		3.40E-01	2.84E-01	7.48E-01	3.35		1.05E+00	8.82E-01	2.31
107	1.354E+00		4.34E-01	3.59E-01	9.20E-01	4.17		1.34E+00	1.11E+00	2.83
108	1.674E+00		5.76E-01	4.68E-01	1.10E+00	5.16		1.78E+00	1.44E+00	3.38
109	2.056E+00		8.40E-01	6.56E-01	1.22E+00	6.33		2.59E+00	2.02E+00	3.75
110	2.296E+00		1.14E+00	1.00E+00	1.15E+00	7.07		3.52E+00	3.08E+00	3.55
111	5.624E-01		1.68E-01	1.54E-01	3.95E-01	1.73		5.17E-01	4.73E-01	1.22
112	4.837E-01		1.43E-01	1.35E-01	3.40E-01	1.49		4.42E-01	4.15E-01	1.05

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk												
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Haul1&3**	**Haul2&3**	**Idle**				**Haul1&3**	**Haul2&3**	**Idle**	
		0.001	**278**	**<-Max**	**0.00057**	**0.00104**	**0.00058**	**Res**						
		0.016	**####**		**0.00814**	**0.00713**	**0.00866**	**Teacher**	**0.016**	**#N/A**	**0.016**	**0.000**	**0.008**	**Student**
1	**1**	2.354E-04			5.01E-05	1.28E-04	1.07E-04							
2	**2**	2.574E-04			5.30E-05	1.43E-04	1.14E-04							
3	**3**	2.845E-04			5.62E-05	1.63E-04	1.22E-04							
4	**4**	3.179E-04			5.97E-05	1.88E-04	1.30E-04							
5	**5**	3.611E-04			6.36E-05	2.22E-04	1.39E-04							
6	**6**	2.336E-04			4.99E-05	1.27E-04	1.07E-04							
7	**7**	2.553E-04			5.27E-05	1.42E-04	1.13E-04							
8	**8**	2.817E-04			5.59E-05	1.61E-04	1.20E-04							
9	**9**	3.153E-04			5.94E-05	1.86E-04	1.29E-04							
10	**10**	3.580E-04			6.33E-05	2.20E-04	1.38E-04							
11	**11**	2.311E-04			4.96E-05	1.25E-04	1.06E-04							
12	**12**	2.525E-04			5.24E-05	1.40E-04	1.12E-04							
13	**13**	2.787E-04			5.56E-05	1.59E-04	1.20E-04							
14	**14**	3.121E-04			5.92E-05	1.84E-04	1.28E-04							
15	**15**	3.545E-04			6.31E-05	2.17E-04	1.37E-04							
16	**16**	2.286E-04			4.93E-05	1.24E-04	1.05E-04							
17	**17**	2.500E-04			5.22E-05	1.38E-04	1.12E-04							
18	**18**	2.759E-04			5.53E-05	1.57E-04	1.19E-04							
19	**19**	3.082E-04			5.88E-05	1.81E-04	1.27E-04							
20	**20**	3.509E-04			6.28E-05	2.14E-04	1.37E-04							
21	**21**	2.264E-04			4.91E-05	1.22E-04	1.04E-04							
22	**22**	2.477E-04			5.20E-05	1.37E-04	1.11E-04							
23	**23**	2.736E-04			5.51E-05	1.55E-04	1.18E-04							
24	**24**	3.059E-04			5.86E-05	1.79E-04	1.27E-04							
25	**25**	3.471E-04			6.25E-05	2.11E-04	1.36E-04							
113	**113**	1.076E-03			5.75E-04	2.38E-04	5.02E-04							
114	**114**	9.773E-04			5.21E-04	2.18E-04	4.56E-04							
115	**115**	8.903E-04			4.74E-04	2.00E-04	4.16E-04							
116	**116**	8.112E-04			4.30E-04	1.85E-04	3.81E-04							
117	**117**	1.044E-03			5.27E-04	2.45E-04	5.17E-04							

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
118	**118**	9.446E-04	4.77E-04	2.23E-04	4.67E-04			
119	**119**	8.579E-04	4.33E-04	2.05E-04	4.25E-04			
120	**120**	7.802E-04	3.93E-04	1.88E-04	3.88E-04			
121	**121**	1.019E-03	4.89E-04	2.51E-04	5.30E-04			
122	**122**	9.196E-04	4.42E-04	2.28E-04	4.78E-04			
123	**123**	8.333E-04	4.01E-04	2.08E-04	4.33E-04			
124	**124**	7.570E-04	3.63E-04	1.91E-04	3.94E-04			
125	**125**	9.996E-04	4.57E-04	2.56E-04	5.42E-04			
126	**126**	9.000E-04	4.13E-04	2.32E-04	4.87E-04			
127	**127**	8.140E-04	3.74E-04	2.12E-04	4.40E-04			
128	**128**	7.387E-04	3.39E-04	1.94E-04	3.99E-04			
129	**129**	9.840E-04	4.32E-04	2.61E-04	5.52E-04			
130	**130**	8.840E-04	3.89E-04	2.36E-04	4.95E-04			
131	**131**	7.983E-04	3.53E-04	2.15E-04	4.46E-04			
132	**132**	7.239E-04	3.20E-04	1.96E-04	4.04E-04			
133	**133**	9.706E-04	4.10E-04	2.65E-04	5.61E-04			
134	**134**	8.703E-04	3.69E-04	2.39E-04	5.01E-04			
135	**135**	7.850E-04	3.34E-04	2.17E-04	4.51E-04			
136	**136**	7.114E-04	3.04E-04	1.98E-04	4.08E-04			
137	**137**	9.583E-04	3.90E-04	2.69E-04	5.68E-04			
138	**138**	7.731E-04	3.19E-04	2.19E-04	4.54E-04			
139	**139**	7.003E-04	2.90E-04	2.00E-04	4.11E-04			
140	**140**	9.193E-04	3.42E-04	2.73E-04	5.77E-04			
141	**141**	8.213E-04	3.09E-04	2.45E-04	5.13E-04			
142	**142**	7.390E-04	2.80E-04	2.22E-04	4.59E-04			
143	**143**	6.691E-04	2.55E-04	2.02E-04	4.14E-04			
144	**144**	9.029E-04	3.28E-04	2.73E-04	5.75E-04			
145	**145**	8.068E-04	2.96E-04	2.45E-04	5.11E-04			
146	**146**	7.262E-04	2.69E-04	2.21E-04	4.58E-04			
147	**147**	6.577E-04	2.45E-04	2.01E-04	4.13E-04			
148	**148**	8.835E-04	3.13E-04	2.71E-04	5.71E-04			
149	**149**	7.901E-04	2.83E-04	2.43E-04	5.07E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
150	**150**	7.117E-04	2.57E-04	2.20E-04	4.54E-04			
151	**151**	6.451E-04	2.35E-04	2.00E-04	4.10E-04			
152	**152**	8.603E-04	2.98E-04	2.67E-04	5.62E-04			
153	**153**	7.708E-04	2.70E-04	2.40E-04	5.01E-04			
154	**154**	6.953E-04	2.46E-04	2.18E-04	4.49E-04			
155	**155**	6.310E-04	2.26E-04	1.99E-04	4.05E-04			
156	**156**	8.326E-04	2.83E-04	2.62E-04	5.50E-04			
157	**157**	7.482E-04	2.57E-04	2.36E-04	4.91E-04			
158	**158**	6.765E-04	2.35E-04	2.15E-04	4.41E-04			
159	**159**	6.152E-04	2.16E-04	1.96E-04	3.99E-04			
160	**160**	7.997E-04	2.67E-04	2.54E-04	5.33E-04			
161	**161**	7.216E-04	2.44E-04	2.31E-04	4.78E-04			
162	**162**	6.548E-04	2.24E-04	2.10E-04	4.31E-04			
163	**163**	5.970E-04	2.06E-04	1.93E-04	3.91E-04			
164	**164**	7.617E-04	2.51E-04	2.46E-04	5.11E-04			
165	**165**	6.909E-04	2.30E-04	2.24E-04	4.61E-04			
166	**166**	6.292E-04	2.12E-04	2.05E-04	4.17E-04			
167	**167**	5.758E-04	1.96E-04	1.89E-04	3.80E-04			
168	**168**	7.215E-04	2.35E-04	2.36E-04	4.85E-04			
169	**169**	6.568E-04	2.17E-04	2.16E-04	4.40E-04			
170	**170**	6.010E-04	2.00E-04	1.99E-04	4.01E-04			
171	**171**	5.525E-04	1.86E-04	1.84E-04	3.67E-04			
172	**172**	6.837E-04	2.19E-04	2.26E-04	4.57E-04			
173	**173**	6.253E-04	2.03E-04	2.08E-04	4.17E-04			
174	**174**	5.742E-04	1.89E-04	1.92E-04	3.82E-04			
175	**175**	5.292E-04	1.76E-04	1.78E-04	3.51E-04			
176	**176**	6.451E-04	2.04E-04	2.16E-04	4.29E-04			
177	**177**	5.927E-04	1.90E-04	1.99E-04	3.94E-04			
178	**178**	5.467E-04	1.77E-04	1.85E-04	3.62E-04			
179	**179**	5.061E-04	1.66E-04	1.71E-04	3.35E-04			
180	**180**	6.066E-04	1.90E-04	2.06E-04	4.01E-04			
181	**181**	5.599E-04	1.78E-04	1.91E-04	3.69E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
182	**182**	5.185E-04	1.66E-04	1.77E-04	3.41E-04			
183	**183**	4.819E-04	1.56E-04	1.65E-04	3.17E-04			
184	**184**	7.896E-04	2.54E-04	2.57E-04	5.32E-04			
185	**185**	7.022E-04	2.13E-04	2.40E-04	4.63E-04			
186	**186**	6.436E-04	1.98E-04	2.20E-04	4.24E-04			
187	**187**	5.925E-04	1.85E-04	2.03E-04	3.90E-04			
188	**188**	5.477E-04	1.73E-04	1.88E-04	3.60E-04			
189	**189**	7.101E-04	2.12E-04	2.47E-04	4.63E-04			
190	**190**	6.513E-04	1.97E-04	2.27E-04	4.25E-04			
191	**191**	6.000E-04	1.84E-04	2.09E-04	3.91E-04			
192	**192**	5.549E-04	1.72E-04	1.93E-04	3.62E-04			
193	**193**	5.150E-04	1.61E-04	1.79E-04	3.36E-04			
194	**194**	6.564E-04	1.95E-04	2.34E-04	4.23E-04			
195	**195**	6.046E-04	1.82E-04	2.15E-04	3.90E-04			
196	**196**	5.594E-04	1.71E-04	1.99E-04	3.61E-04			
197	**197**	5.191E-04	1.60E-04	1.84E-04	3.35E-04			
198	**198**	4.836E-04	1.51E-04	1.71E-04	3.12E-04			
199	**199**	6.094E-04	1.81E-04	2.21E-04	3.88E-04			
200	**200**	5.629E-04	1.70E-04	2.04E-04	3.59E-04			
201	**201**	5.222E-04	1.59E-04	1.89E-04	3.33E-04			
202	**202**	4.861E-04	1.50E-04	1.76E-04	3.10E-04			
203	**203**	4.542E-04	1.41E-04	1.64E-04	2.90E-04			
204	**204**	8.087E-04	2.22E-04	2.99E-04	5.09E-04			
205	**205**	5.687E-04	1.69E-04	2.10E-04	3.59E-04			
206	**206**	5.264E-04	1.58E-04	1.94E-04	3.32E-04			
207	**207**	4.891E-04	1.49E-04	1.80E-04	3.09E-04			
208	**208**	4.563E-04	1.40E-04	1.68E-04	2.89E-04			
209	**209**	7.448E-04	2.04E-04	2.80E-04	4.65E-04			
210	**210**	6.820E-04	1.91E-04	2.56E-04	4.26E-04			
211	**211**	6.261E-04	1.79E-04	2.34E-04	3.92E-04			
212	**212**	5.768E-04	1.68E-04	2.16E-04	3.61E-04			
213	**213**	5.331E-04	1.57E-04	1.99E-04	3.34E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
214	**214**	4.944E-04	1.48E-04	1.85E-04	3.10E-04			
215	**215**	4.601E-04	1.40E-04	1.72E-04	2.88E-04			
216	**216**	7.470E-04	1.96E-04	2.91E-04	4.56E-04			
217	**217**	6.889E-04	1.85E-04	2.67E-04	4.22E-04			
218	**218**	6.362E-04	1.74E-04	2.45E-04	3.91E-04			
219	**219**	5.889E-04	1.64E-04	2.26E-04	3.63E-04			
220	**220**	5.459E-04	1.55E-04	2.09E-04	3.37E-04			
221	**221**	5.070E-04	1.46E-04	1.94E-04	3.13E-04			
222	**222**	6.863E-04	1.81E-04	2.71E-04	4.16E-04			
223	**223**	6.359E-04	1.71E-04	2.49E-04	3.87E-04			
224	**224**	5.901E-04	1.62E-04	2.29E-04	3.61E-04			
225	**225**	5.488E-04	1.53E-04	2.12E-04	3.36E-04			
226	**226**	5.108E-04	1.45E-04	1.97E-04	3.14E-04			
227	**227**	6.325E-04	1.67E-04	2.52E-04	3.81E-04			
228	**228**	5.884E-04	1.59E-04	2.32E-04	3.56E-04			
229	**229**	5.483E-04	1.51E-04	2.15E-04	3.33E-04			
230	**230**	5.116E-04	1.43E-04	1.99E-04	3.12E-04			
231	**231**	5.842E-04	1.55E-04	2.34E-04	3.50E-04			
232	**232**	5.460E-04	1.48E-04	2.17E-04	3.29E-04			
233	**233**	5.106E-04	1.41E-04	2.01E-04	3.09E-04			
234	**234**	4.782E-04	1.34E-04	1.88E-04	2.91E-04			
235	**235**	5.410E-04	1.44E-04	2.18E-04	3.23E-04			
236	**236**	5.077E-04	1.38E-04	2.03E-04	3.05E-04			
237	**237**	4.762E-04	1.32E-04	1.89E-04	2.87E-04			
238	**238**	4.478E-04	1.26E-04	1.77E-04	2.71E-04			
239	**239**	5.021E-04	1.35E-04	2.02E-04	3.00E-04			
240	**240**	4.725E-04	1.29E-04	1.89E-04	2.83E-04			
241	**241**	4.451E-04	1.24E-04	1.77E-04	2.68E-04			
242	**242**	4.200E-04	1.18E-04	1.66E-04	2.54E-04			
243	**243**	7.477E-04	1.68E-04	3.37E-04	4.11E-04			
244	**244**	7.115E-04	1.65E-04	3.12E-04	3.99E-04			
245	**245**	6.747E-04	1.61E-04	2.90E-04	3.85E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
246	**246**	6.380E-04	1.56E-04	2.69E-04	3.69E-04			
247	**247**	6.018E-04	1.51E-04	2.51E-04	3.51E-04			
248	**248**	5.674E-04	1.46E-04	2.34E-04	3.34E-04			
249	**249**	5.347E-04	1.40E-04	2.18E-04	3.16E-04			
250	**250**	6.789E-04	1.56E-04	3.02E-04	3.76E-04			
251	**251**	6.482E-04	1.53E-04	2.82E-04	3.66E-04			
252	**252**	6.166E-04	1.49E-04	2.63E-04	3.53E-04			
253	**253**	5.850E-04	1.45E-04	2.46E-04	3.39E-04			
254	**254**	5.536E-04	1.41E-04	2.30E-04	3.24E-04			
255	**255**	5.237E-04	1.36E-04	2.15E-04	3.08E-04			
256	**256**	4.946E-04	1.31E-04	2.01E-04	2.93E-04			
257	**257**	6.200E-04	1.45E-04	2.74E-04	3.46E-04			
258	**258**	5.935E-04	1.42E-04	2.57E-04	3.37E-04			
259	**259**	5.662E-04	1.39E-04	2.41E-04	3.26E-04			
260	**260**	5.387E-04	1.36E-04	2.26E-04	3.13E-04			
261	**261**	5.113E-04	1.31E-04	2.12E-04	3.00E-04			
262	**262**	4.850E-04	1.27E-04	1.99E-04	2.86E-04			
263	**263**	4.594E-04	1.23E-04	1.87E-04	2.73E-04			
264	**264**	5.693E-04	1.35E-04	2.49E-04	3.20E-04			
265	**265**	5.461E-04	1.33E-04	2.35E-04	3.11E-04			
266	**266**	5.222E-04	1.30E-04	2.21E-04	3.01E-04			
267	**267**	4.981E-04	1.27E-04	2.08E-04	2.90E-04			
268	**268**	4.743E-04	1.23E-04	1.96E-04	2.78E-04			
269	**269**	4.509E-04	1.19E-04	1.85E-04	2.66E-04			
270	**270**	4.281E-04	1.15E-04	1.74E-04	2.54E-04			
271	**271**	5.249E-04	1.27E-04	2.28E-04	2.97E-04			
272	**272**	5.046E-04	1.25E-04	2.16E-04	2.89E-04			
273	**273**	4.835E-04	1.22E-04	2.04E-04	2.80E-04			
274	**274**	4.623E-04	1.19E-04	1.92E-04	2.70E-04			
275	**275**	4.412E-04	1.16E-04	1.82E-04	2.59E-04			
276	**276**	4.206E-04	1.12E-04	1.72E-04	2.49E-04			
277	**277**	3.999E-04	1.09E-04	1.62E-04	2.38E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
278	**278**	1.305E-03	1.13E-04	1.04E-03	2.67E-04			
279	**279**	1.247E-03	1.17E-04	9.69E-04	2.78E-04			
280	**280**	1.173E-03	1.27E-04	8.64E-04	3.09E-04			
281	**281**	1.093E-03	1.26E-04	7.88E-04	3.05E-04			
282	**282**	1.188E-03	1.36E-04	8.53E-04	3.35E-04			
283	**283**	1.024E-03	1.17E-04	7.45E-04	2.79E-04			

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
				School Receptors					
26	**26**	1.660E-03	5.85E-04	4.84E-04	1.07E-03	1.6597E-03	5.8527E-04	4.8351E-04	0.0011
27	**27**	1.805E-03	6.51E-04	5.13E-04	1.15E-03	1.8050E-03	6.5082E-04	5.1316E-04	0.0012
28	**28**	1.970E-03	7.30E-04	5.45E-04	1.24E-03	1.9703E-03	7.3043E-04	5.4532E-04	0.0012
29	**29**	2.160E-03	8.29E-04	5.80E-04	1.33E-03	2.1599E-03	8.2931E-04	5.8005E-04	0.0013
30	**30**	2.381E-03	9.55E-04	6.17E-04	1.43E-03	2.3805E-03	9.5531E-04	6.1737E-04	0.0014
31	**31**	2.643E-03	1.12E-03	6.57E-04	1.52E-03	2.6433E-03	1.1204E-03	6.5715E-04	0.0015
32	**32**	2.966E-03	1.34E-03	6.99E-04	1.62E-03	2.9664E-03	1.3431E-03	6.9913E-04	0.0016
33	**33**	3.380E-03	1.65E-03	7.43E-04	1.73E-03	3.3797E-03	1.6547E-03	7.4283E-04	0.0017
34	**34**	3.946E-03	2.12E-03	7.87E-04	1.82E-03	3.9460E-03	2.1221E-03	7.8744E-04	0.0018
35	**35**	4.904E-03	2.99E-03	8.32E-04	1.91E-03	4.9044E-03	2.9926E-03	8.3176E-04	0.0019
36	**36**	4.780E-03	2.80E-03	8.71E-04	1.98E-03	4.7804E-03	2.8019E-03	8.7123E-04	0.0020
37	**37**	1.795E-03	6.19E-04	5.23E-04	1.18E-03	1.7955E-03	6.1930E-04	5.2271E-04	0.0012
38	**38**	1.961E-03	6.90E-04	5.58E-04	1.27E-03	1.9610E-03	6.9048E-04	5.5762E-04	0.0013
39	**39**	2.149E-03	7.76E-04	5.96E-04	1.37E-03	2.1492E-03	7.7638E-04	5.9589E-04	0.0014
40	**40**	2.364E-03	8.82E-04	6.38E-04	1.48E-03	2.3640E-03	8.8173E-04	6.3774E-04	0.0015
41	**41**	2.611E-03	1.01E-03	6.83E-04	1.60E-03	2.6108E-03	1.0133E-03	6.8331E-04	0.0016
42	**42**	2.898E-03	1.18E-03	7.33E-04	1.72E-03	2.8980E-03	1.1806E-03	7.3260E-04	0.0017
43	**43**	3.240E-03	1.40E-03	7.85E-04	1.84E-03	3.2397E-03	1.3985E-03	7.8538E-04	0.0018
44	**44**	3.661E-03	1.69E-03	8.41E-04	1.97E-03	3.6609E-03	1.6934E-03	8.4105E-04	0.0020
45	**45**	4.219E-03	2.13E-03	8.99E-04	2.09E-03	4.2194E-03	2.1288E-03	8.9851E-04	0.0021
46	**46**	5.155E-03	2.96E-03	9.56E-04	2.20E-03	5.1552E-03	2.9564E-03	9.5618E-04	0.0022
47	**47**	5.151E-03	2.87E-03	1.01E-03	2.28E-03	5.1511E-03	2.8745E-03	1.0075E-03	0.0023
48	**48**	1.950E-03	6.57E-04	5.67E-04	1.29E-03	1.9498E-03	6.5693E-04	5.6680E-04	0.0013
49	**49**	2.140E-03	7.34E-04	6.08E-04	1.41E-03	2.1399E-03	7.3448E-04	6.0819E-04	0.0014
50	**50**	2.356E-03	8.27E-04	6.54E-04	1.53E-03	2.3563E-03	8.2748E-04	6.5417E-04	0.0015
51	**51**	2.603E-03	9.40E-04	7.05E-04	1.66E-03	2.6028E-03	9.4027E-04	7.0517E-04	0.0017
52	**52**	2.884E-03	1.08E-03	7.62E-04	1.81E-03	2.8840E-03	1.0787E-03	7.6159E-04	0.0018
53	**53**	3.206E-03	1.25E-03	8.24E-04	1.96E-03	3.2065E-03	1.2513E-03	8.2371E-04	0.0020
54	**54**	3.582E-03	1.47E-03	8.92E-04	2.11E-03	3.5822E-03	1.4711E-03	8.9153E-04	0.0021
55	**55**	4.036E-03	1.76E-03	9.64E-04	2.27E-03	4.0356E-03	1.7640E-03	9.6444E-04	0.0023
56	**56**	4.624E-03	2.20E-03	1.04E-03	2.43E-03	4.6243E-03	2.1952E-03	1.0409E-03	0.0024

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
57	**57**	5.588E-03	3.02E-03	1.12E-03	2.57E-03	5.5881E-03	3.0230E-03	1.1189E-03	0.0026
58	**58**	5.653E-03	3.00E-03	1.19E-03	2.66E-03	5.6530E-03	2.9969E-03	1.1885E-03	0.0027
59	**59**	2.126E-03	6.99E-04	6.16E-04	1.43E-03	2.1259E-03	6.9858E-04	6.1642E-04	0.0014
60	**60**	2.346E-03	7.84E-04	6.66E-04	1.56E-03	2.3463E-03	7.8352E-04	6.6584E-04	0.0016
61	**61**	2.598E-03	8.85E-04	7.22E-04	1.71E-03	2.5982E-03	8.8495E-04	7.2156E-04	0.0017
62	**62**	2.886E-03	1.01E-03	7.84E-04	1.88E-03	2.8858E-03	1.0070E-03	7.8441E-04	0.0019
63	**63**	3.214E-03	1.16E-03	8.55E-04	2.06E-03	3.2139E-03	1.1554E-03	8.5528E-04	0.0021
64	**64**	3.589E-03	1.34E-03	9.35E-04	2.25E-03	3.5886E-03	1.3382E-03	9.3506E-04	0.0023
65	**65**	4.021E-03	1.57E-03	1.02E-03	2.45E-03	4.0210E-03	1.5687E-03	1.0244E-03	0.0025
66	**66**	4.536E-03	1.87E-03	1.12E-03	2.66E-03	4.5361E-03	1.8737E-03	1.1231E-03	0.0027
67	**67**	5.191E-03	2.32E-03	1.23E-03	2.87E-03	5.1907E-03	2.3201E-03	1.2293E-03	0.0029
68	**68**	6.210E-03	3.16E-03	1.34E-03	3.05E-03	6.2095E-03	3.1625E-03	1.3403E-03	0.0030
69	**69**	6.334E-03	3.18E-03	1.44E-03	3.15E-03	6.3339E-03	3.1818E-03	1.4403E-03	0.0032
70	**70**	2.327E-03	7.45E-04	6.72E-04	1.58E-03	2.3272E-03	7.4478E-04	6.7231E-04	0.0016
71	**71**	2.585E-03	8.39E-04	7.32E-04	1.75E-03	2.5855E-03	8.3850E-04	7.3163E-04	0.0017
72	**72**	2.883E-03	9.50E-04	8.00E-04	1.93E-03	2.8830E-03	9.5032E-04	7.9965E-04	0.0019
73	**73**	3.225E-03	1.08E-03	8.78E-04	2.14E-03	3.2252E-03	1.0847E-03	8.7791E-04	0.0021
74	**74**	3.619E-03	1.25E-03	9.68E-04	2.37E-03	3.6187E-03	1.2476E-03	9.6823E-04	0.0024
75	**75**	4.071E-03	1.45E-03	1.07E-03	2.62E-03	4.0713E-03	1.4480E-03	1.0727E-03	0.0026
76	**76**	4.594E-03	1.70E-03	1.19E-03	2.89E-03	4.5945E-03	1.7006E-03	1.1935E-03	0.0029
77	**77**	5.214E-03	2.03E-03	1.33E-03	3.18E-03	5.2141E-03	2.0341E-03	1.3324E-03	0.0032
78	**78**	5.985E-03	2.52E-03	1.49E-03	3.47E-03	5.9845E-03	2.5167E-03	1.4883E-03	0.0035
79	**79**	7.100E-03	3.39E-03	1.66E-03	3.71E-03	7.1004E-03	3.3948E-03	1.6580E-03	0.0037
80	**80**	7.296E-03	3.47E-03	1.81E-03	3.82E-03	7.2959E-03	3.4739E-03	1.8144E-03	0.0038
81	**81**	2.558E-03	7.96E-04	7.35E-04	1.76E-03	2.5578E-03	7.9622E-04	7.3527E-04	0.0018
82	**82**	2.864E-03	9.01E-04	8.07E-04	1.96E-03	2.8640E-03	9.0056E-04	8.0676E-04	0.0020
83	**83**	3.221E-03	1.03E-03	8.90E-04	2.20E-03	3.2209E-03	1.0255E-03	8.9028E-04	0.0022
84	**84**	3.637E-03	1.18E-03	9.89E-04	2.46E-03	3.6367E-03	1.1763E-03	9.8852E-04	0.0025
85	**85**	4.123E-03	1.36E-03	1.10E-03	2.76E-03	4.1226E-03	1.3603E-03	1.1050E-03	0.0028
86	**86**	4.692E-03	1.59E-03	1.24E-03	3.10E-03	4.6923E-03	1.5885E-03	1.2444E-03	0.0031
87	**87**	5.361E-03	1.88E-03	1.41E-03	3.48E-03	5.3613E-03	1.8791E-03	1.4125E-03	0.0035
88	**88**	6.159E-03	2.27E-03	1.62E-03	3.89E-03	6.1586E-03	2.2656E-03	1.6165E-03	0.0039

Shiolh Business Park

Unmitigated 29 year Operational - Risk Summary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
89	**89**	7.137E-03	2.82E-03	1.86E-03	4.32E-03	7.1370E-03	2.8205E-03	1.8616E-03	0.0043
90	**90**	8.440E-03	3.79E-03	2.15E-03	4.65E-03	8.4395E-03	3.7854E-03	2.1492E-03	0.0047
91	**91**	8.741E-03	3.98E-03	2.43E-03	4.76E-03	8.7405E-03	3.9783E-03	2.4294E-03	0.0048
92	**92**	2.822E-03	8.54E-04	8.06E-04	1.97E-03	2.8220E-03	8.5372E-04	8.0625E-04	0.0020
93	**93**	3.189E-03	9.71E-04	8.93E-04	2.22E-03	3.1886E-03	9.7108E-04	8.9264E-04	0.0022
94	**94**	3.623E-03	1.11E-03	9.96E-04	2.51E-03	3.6231E-03	1.1127E-03	9.9555E-04	0.0025
95	**95**	4.139E-03	1.29E-03	1.12E-03	2.85E-03	4.1392E-03	1.2854E-03	1.1195E-03	0.0029
96	**96**	4.757E-03	1.50E-03	1.27E-03	3.26E-03	4.7568E-03	1.4991E-03	1.2710E-03	0.0033
97	**97**	5.504E-03	1.77E-03	1.46E-03	3.74E-03	5.5045E-03	1.7690E-03	1.4594E-03	0.0037
98	**98**	6.415E-03	2.12E-03	1.70E-03	4.29E-03	6.4147E-03	2.1211E-03	1.6992E-03	0.0043
99	**99**	7.530E-03	2.60E-03	2.01E-03	4.93E-03	7.5304E-03	2.6018E-03	2.0122E-03	0.0049
100	**100**	8.916E-03	3.30E-03	2.43E-03	5.61E-03	8.9164E-03	3.3048E-03	2.4296E-03	0.0056
101	**101**	1.063E-02	4.50E-03	3.00E-03	6.12E-03	1.0625E-02	4.5004E-03	2.9960E-03	0.0061
102	**102**	1.115E-02	5.01E-03	3.63E-03	6.14E-03	1.1147E-02	5.0089E-03	3.6339E-03	0.0061
103	**103**	4.610E-03	1.38E-03	1.24E-03	3.23E-03	4.6104E-03	1.3842E-03	1.2390E-03	0.0032
104	**104**	5.371E-03	1.63E-03	1.43E-03	3.74E-03	5.3712E-03	1.6275E-03	1.4259E-03	0.0037
105	**105**	6.475E-03	1.98E-03	1.70E-03	4.50E-03	6.4753E-03	1.9801E-03	1.7034E-03	0.0045
106	**106**	7.749E-03	2.42E-03	2.04E-03	5.33E-03	7.7488E-03	2.4196E-03	2.0385E-03	0.0053
107	**107**	9.641E-03	3.09E-03	2.57E-03	6.55E-03	9.6414E-03	3.0923E-03	2.5705E-03	0.0065
108	**108**	1.192E-02	4.10E-03	3.33E-03	7.82E-03	1.1922E-02	4.1030E-03	3.3316E-03	0.0078
109	**109**	1.464E-02	5.98E-03	4.67E-03	8.66E-03	1.4643E-02	5.9820E-03	4.6681E-03	0.0087
110	**110**	1.635E-02	8.14E-03	7.13E-03	8.20E-03	1.6348E-02	8.1448E-03	7.1301E-03	0.0082
111	**111**	4.005E-03	1.19E-03	1.09E-03	2.81E-03	4.0047E-03	1.1943E-03	1.0932E-03	0.0028
112	**112**	3.444E-03	1.02E-03	9.60E-04	2.42E-03	3.4441E-03	1.0211E-03	9.6014E-04	0.0024

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.23903	**2.93E-05**	7.00E-06	1.05E-03	7.32E-09	1.35	1.57E-01	1.55E-09	1,000,000	1.55E-03
2	0.24866	2.9306E-05	7.2871E-06	1.05E-03	7.62E-09	1.35	1.57E-01	1.62E-09	1,000,000	1.62E-03
3	0.25923	2.9306E-05	7.5969E-06	1.05E-03	7.94E-09	1.35	1.57E-01	1.68E-09	1,000,000	1.68E-03
4	0.27028	2.9306E-05	7.9207E-06	1.05E-03	8.28E-09	1.35	1.57E-01	1.76E-09	1,000,000	1.76E-03
5	0.28231	2.9306E-05	8.2733E-06	1.05E-03	8.65E-09	1.35	1.57E-01	1.83E-09	1,000,000	1.83E-03
6	0.23863	2.9306E-05	6.9932E-06	1.05E-03	7.31E-09	1.35	1.57E-01	1.55E-09	1,000,000	1.55E-03
7	0.24823	2.9306E-05	7.2745E-06	1.05E-03	7.60E-09	1.35	1.57E-01	1.61E-09	1,000,000	1.61E-03
8	0.2586	2.9306E-05	7.5784E-06	1.05E-03	7.92E-09	1.35	1.57E-01	1.68E-09	1,000,000	1.68E-03
9	0.27005	2.9306E-05	7.914E-06	1.05E-03	8.27E-09	1.35	1.57E-01	1.75E-09	1,000,000	1.75E-03
10	0.28201	2.9306E-05	8.2645E-06	1.05E-03	8.64E-09	1.35	1.57E-01	1.83E-09	1,000,000	1.83E-03
11	0.23808	2.9306E-05	6.9771E-06	1.05E-03	7.29E-09	1.35	1.57E-01	1.55E-09	1,000,000	1.55E-03
12	0.24773	2.9306E-05	7.2599E-06	1.05E-03	7.59E-09	1.35	1.57E-01	1.61E-09	1,000,000	1.61E-03
13	0.25817	2.9306E-05	7.5658E-06	1.05E-03	7.91E-09	1.35	1.57E-01	1.68E-09	1,000,000	1.68E-03
14	0.2697	2.9306E-05	7.9037E-06	1.05E-03	8.26E-09	1.35	1.57E-01	1.75E-09	1,000,000	1.75E-03
15	0.2817	2.9306E-05	8.2554E-06	1.05E-03	8.63E-09	1.35	1.57E-01	1.83E-09	1,000,000	1.83E-03
16	0.23757	2.9306E-05	6.9621E-06	1.05E-03	7.28E-09	1.35	1.57E-01	1.54E-09	1,000,000	1.54E-03
17	0.24734	2.9306E-05	7.2484E-06	1.05E-03	7.58E-09	1.35	1.57E-01	1.61E-09	1,000,000	1.61E-03
18	0.25776	2.9306E-05	7.5538E-06	1.05E-03	7.90E-09	1.35	1.57E-01	1.67E-09	1,000,000	1.67E-03
19	0.2688	2.9306E-05	7.8773E-06	1.05E-03	8.23E-09	1.35	1.57E-01	1.75E-09	1,000,000	1.75E-03
20	0.28086	2.9306E-05	8.2308E-06	1.05E-03	8.60E-09	1.35	1.57E-01	1.83E-09	1,000,000	1.83E-03
21	0.23719	2.9306E-05	6.951E-06	1.05E-03	7.27E-09	1.35	1.57E-01	1.54E-09	1,000,000	1.54E-03
22	0.24694	2.9306E-05	7.2367E-06	1.05E-03	7.56E-09	1.35	1.57E-01	1.60E-09	1,000,000	1.60E-03
23	0.25738	2.9306E-05	7.5427E-06	1.05E-03	7.88E-09	1.35	1.57E-01	1.67E-09	1,000,000	1.67E-03
24	0.26848	2.9306E-05	7.868E-06	1.05E-03	8.22E-09	1.35	1.57E-01	1.74E-09	1,000,000	1.74E-03
25	0.28015	2.9306E-05	8.21E-06	1.05E-03	8.58E-09	1.35	1.57E-01	1.82E-09	1,000,000	1.82E-03
113	10.26883	2.9306E-05	0.00030093	1.05E-03	3.15E-07	1.35	1.57E-01	6.67E-08	1,000,000	6.67E-02
114	10.26908	2.9306E-05	0.00030094	1.05E-03	3.15E-07	1.35	1.57E-01	6.67E-08	1,000,000	6.67E-02
115	10.0116	2.9306E-05	0.0002934	1.05E-03	3.07E-07	1.35	1.57E-01	6.51E-08	1,000,000	6.51E-02
116	9.46476	2.9306E-05	0.00027737	1.05E-03	2.90E-07	1.35	1.57E-01	6.15E-08	1,000,000	6.15E-02
117	8.47048	2.9306E-05	0.00024823	1.05E-03	2.59E-07	1.35	1.57E-01	5.50E-08	1,000,000	5.50E-02
118	8.40203	2.9306E-05	0.00024623	1.05E-03	2.57E-07	1.35	1.57E-01	5.46E-08	1,000,000	5.46E-02
119	8.13133	2.9306E-05	0.00023829	1.05E-03	2.49E-07	1.35	1.57E-01	5.28E-08	1,000,000	5.28E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	0.00022436	1.05E-03	2.34E-07	1.35	1.57E-01	4.97E-08	1,000,000	4.97E-02
121	7.09845	2.9306E-05	0.00020802	1.05E-03	2.17E-07	1.35	1.57E-01	4.61E-08	1,000,000	4.61E-02
122	6.99295	2.9306E-05	0.00020493	1.05E-03	2.14E-07	1.35	1.57E-01	4.54E-08	1,000,000	4.54E-02
123	6.734	2.9306E-05	0.00019734	1.05E-03	2.06E-07	1.35	1.57E-01	4.38E-08	1,000,000	4.38E-02
124	6.3318	2.9306E-05	0.00018556	1.05E-03	1.94E-07	1.35	1.57E-01	4.11E-08	1,000,000	4.11E-02
125	6.02844	2.9306E-05	0.00017667	1.05E-03	1.85E-07	1.35	1.57E-01	3.92E-08	1,000,000	3.92E-02
126	5.90661	2.9306E-05	0.0001731	1.05E-03	1.81E-07	1.35	1.57E-01	3.84E-08	1,000,000	3.84E-02
127	5.67005	2.9306E-05	0.00016616	1.05E-03	1.74E-07	1.35	1.57E-01	3.68E-08	1,000,000	3.68E-02
128	5.33314	2.9306E-05	0.00015629	1.05E-03	1.63E-07	1.35	1.57E-01	3.47E-08	1,000,000	3.47E-02
129	5.17938	2.9306E-05	0.00015178	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
130	5.05384	2.9306E-05	0.00014811	1.05E-03	1.55E-07	1.35	1.57E-01	3.28E-08	1,000,000	3.28E-02
131	4.84284	2.9306E-05	0.00014192	1.05E-03	1.48E-07	1.35	1.57E-01	3.15E-08	1,000,000	3.15E-02
132	4.56081	2.9306E-05	0.00013366	1.05E-03	1.40E-07	1.35	1.57E-01	2.96E-08	1,000,000	2.96E-02
133	4.49582	2.9306E-05	0.00013175	1.05E-03	1.38E-07	1.35	1.57E-01	2.92E-08	1,000,000	2.92E-02
134	4.37376	2.9306E-05	0.00012818	1.05E-03	1.34E-07	1.35	1.57E-01	2.84E-08	1,000,000	2.84E-02
135	4.18782	2.9306E-05	0.00012273	1.05E-03	1.28E-07	1.35	1.57E-01	2.72E-08	1,000,000	2.72E-02
136	3.95087	2.9306E-05	0.00011578	1.05E-03	1.21E-07	1.35	1.57E-01	2.57E-08	1,000,000	2.57E-02
137	3.93847	2.9306E-05	0.00011542	1.05E-03	1.21E-07	1.35	1.57E-01	2.56E-08	1,000,000	2.56E-02
138	3.66063	2.9306E-05	0.00010728	1.05E-03	1.12E-07	1.35	1.57E-01	2.38E-08	1,000,000	2.38E-02
139	3.46046	2.9306E-05	0.00010141	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
140	2.7735	2.9306E-05	8.1279E-05	1.05E-03	8.50E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
141	2.68568	2.9306E-05	7.8705E-05	1.05E-03	8.23E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
142	2.57604	2.9306E-05	7.5492E-05	1.05E-03	7.89E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
143	2.45052	2.9306E-05	7.1814E-05	1.05E-03	7.51E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
144	2.50002	2.9306E-05	7.3265E-05	1.05E-03	7.66E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
145	2.42061	2.9306E-05	7.0937E-05	1.05E-03	7.41E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
146	2.32408	2.9306E-05	6.8109E-05	1.05E-03	7.12E-08	1.35	1.57E-01	1.51E-08	1,000,000	1.51E-02
147	2.21525	2.9306E-05	6.4919E-05	1.05E-03	6.79E-08	1.35	1.57E-01	1.44E-08	1,000,000	1.44E-02
148	2.26605	2.9306E-05	6.6408E-05	1.05E-03	6.94E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
149	2.19435	2.9306E-05	6.4307E-05	1.05E-03	6.72E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
150	2.10907	2.9306E-05	6.1808E-05	1.05E-03	6.46E-08	1.35	1.57E-01	1.37E-08	1,000,000	1.37E-02
151	2.01413	2.9306E-05	5.9025E-05	1.05E-03	6.17E-08	1.35	1.57E-01	1.31E-08	1,000,000	1.31E-02
152	2.0644	2.9306E-05	6.0498E-05	1.05E-03	6.32E-08	1.35	1.57E-01	1.34E-08	1,000,000	1.34E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.8601E-05	1.05E-03	6.13E-08	1.35	1.57E-01	1.30E-08	1,000,000	1.30E-02
154	1.92405	2.9306E-05	5.6385E-05	1.05E-03	5.89E-08	1.35	1.57E-01	1.25E-08	1,000,000	1.25E-02
155	1.84075	2.9306E-05	5.3944E-05	1.05E-03	5.64E-08	1.35	1.57E-01	1.20E-08	1,000,000	1.20E-02
156	1.88942	2.9306E-05	5.5371E-05	1.05E-03	5.79E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
157	1.83092	2.9306E-05	5.3656E-05	1.05E-03	5.61E-08	1.35	1.57E-01	1.19E-08	1,000,000	1.19E-02
158	1.76361	2.9306E-05	5.1684E-05	1.05E-03	5.40E-08	1.35	1.57E-01	1.15E-08	1,000,000	1.15E-02
159	1.69014	2.9306E-05	4.9531E-05	1.05E-03	5.18E-08	1.35	1.57E-01	1.10E-08	1,000,000	1.10E-02
160	1.7366	2.9306E-05	5.0892E-05	1.05E-03	5.32E-08	1.35	1.57E-01	1.13E-08	1,000,000	1.13E-02
161	1.68366	2.9306E-05	4.9341E-05	1.05E-03	5.16E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
162	1.62354	2.9306E-05	4.7579E-05	1.05E-03	4.97E-08	1.35	1.57E-01	1.05E-08	1,000,000	1.05E-02
163	1.55854	2.9306E-05	4.5674E-05	1.05E-03	4.77E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
164	1.60237	2.9306E-05	4.6958E-05	1.05E-03	4.91E-08	1.35	1.57E-01	1.04E-08	1,000,000	1.04E-02
165	1.55437	2.9306E-05	4.5552E-05	1.05E-03	4.76E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
166	1.50092	2.9306E-05	4.3985E-05	1.05E-03	4.60E-08	1.35	1.57E-01	9.75E-09	1,000,000	9.75E-03
167	1.44292	2.9306E-05	4.2286E-05	1.05E-03	4.42E-08	1.35	1.57E-01	9.38E-09	1,000,000	9.38E-03
168	1.48381	2.9306E-05	4.3484E-05	1.05E-03	4.54E-08	1.35	1.57E-01	9.64E-09	1,000,000	9.64E-03
169	1.44022	2.9306E-05	4.2206E-05	1.05E-03	4.41E-08	1.35	1.57E-01	9.36E-09	1,000,000	9.36E-03
170	1.39215	2.9306E-05	4.0798E-05	1.05E-03	4.26E-08	1.35	1.57E-01	9.05E-09	1,000,000	9.05E-03
171	1.34022	2.9306E-05	3.9276E-05	1.05E-03	4.11E-08	1.35	1.57E-01	8.71E-09	1,000,000	8.71E-03
172	1.37858	2.9306E-05	4.04E-05	1.05E-03	4.22E-08	1.35	1.57E-01	8.96E-09	1,000,000	8.96E-03
173	1.33889	2.9306E-05	3.9237E-05	1.05E-03	4.10E-08	1.35	1.57E-01	8.70E-09	1,000,000	8.70E-03
174	1.29546	2.9306E-05	3.7964E-05	1.05E-03	3.97E-08	1.35	1.57E-01	8.42E-09	1,000,000	8.42E-03
175	1.24883	2.9306E-05	3.6598E-05	1.05E-03	3.83E-08	1.35	1.57E-01	8.11E-09	1,000,000	8.11E-03
176	1.28473	2.9306E-05	3.765E-05	1.05E-03	3.94E-08	1.35	1.57E-01	8.35E-09	1,000,000	8.35E-03
177	1.24852	2.9306E-05	3.6589E-05	1.05E-03	3.82E-08	1.35	1.57E-01	8.11E-09	1,000,000	8.11E-03
178	1.20918	2.9306E-05	3.5436E-05	1.05E-03	3.70E-08	1.35	1.57E-01	7.86E-09	1,000,000	7.86E-03
179	1.16712	2.9306E-05	3.4203E-05	1.05E-03	3.57E-08	1.35	1.57E-01	7.58E-09	1,000,000	7.58E-03
180	1.20066	2.9306E-05	3.5186E-05	1.05E-03	3.68E-08	1.35	1.57E-01	7.80E-09	1,000,000	7.80E-03
181	1.1677	2.9306E-05	3.422E-05	1.05E-03	3.58E-08	1.35	1.57E-01	7.59E-09	1,000,000	7.59E-03
182	1.13182	2.9306E-05	3.3169E-05	1.05E-03	3.47E-08	1.35	1.57E-01	7.35E-09	1,000,000	7.35E-03
183	1.09374	2.9306E-05	3.2053E-05	1.05E-03	3.35E-08	1.35	1.57E-01	7.11E-09	1,000,000	7.11E-03
184	1.51451	2.9306E-05	4.4384E-05	1.05E-03	4.64E-08	1.35	1.57E-01	9.84E-09	1,000,000	9.84E-03
185	1.21641	2.9306E-05	3.5648E-05	1.05E-03	3.73E-08	1.35	1.57E-01	7.90E-09	1,000,000	7.90E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.4966E-05	1.05E-03	3.65E-08	1.35	1.57E-01	7.75E-09	1,000,000	7.75E-03
187	1.16538	2.9306E-05	3.4152E-05	1.05E-03	3.57E-08	1.35	1.57E-01	7.57E-09	1,000,000	7.57E-03
188	1.13417	2.9306E-05	3.3238E-05	1.05E-03	3.47E-08	1.35	1.57E-01	7.37E-09	1,000,000	7.37E-03
189	1.15812	2.9306E-05	3.3939E-05	1.05E-03	3.55E-08	1.35	1.57E-01	7.53E-09	1,000,000	7.53E-03
190	1.14085	2.9306E-05	3.3433E-05	1.05E-03	3.49E-08	1.35	1.57E-01	7.41E-09	1,000,000	7.41E-03
191	1.119	2.9306E-05	3.2793E-05	1.05E-03	3.43E-08	1.35	1.57E-01	7.27E-09	1,000,000	7.27E-03
192	1.09328	2.9306E-05	3.2039E-05	1.05E-03	3.35E-08	1.35	1.57E-01	7.10E-09	1,000,000	7.10E-03
193	1.06472	2.9306E-05	3.1202E-05	1.05E-03	3.26E-08	1.35	1.57E-01	6.92E-09	1,000,000	6.92E-03
194	1.08904	2.9306E-05	3.1915E-05	1.05E-03	3.34E-08	1.35	1.57E-01	7.08E-09	1,000,000	7.08E-03
195	1.07244	2.9306E-05	3.1428E-05	1.05E-03	3.28E-08	1.35	1.57E-01	6.97E-09	1,000,000	6.97E-03
196	1.05197	2.9306E-05	3.0829E-05	1.05E-03	3.22E-08	1.35	1.57E-01	6.84E-09	1,000,000	6.84E-03
197	1.02834	2.9306E-05	3.0136E-05	1.05E-03	3.15E-08	1.35	1.57E-01	6.68E-09	1,000,000	6.68E-03
198	1.00181	2.9306E-05	2.9359E-05	1.05E-03	3.07E-08	1.35	1.57E-01	6.51E-09	1,000,000	6.51E-03
199	1.02614	2.9306E-05	3.0072E-05	1.05E-03	3.14E-08	1.35	1.57E-01	6.67E-09	1,000,000	6.67E-03
200	1.01029	2.9306E-05	2.9607E-05	1.05E-03	3.09E-08	1.35	1.57E-01	6.56E-09	1,000,000	6.56E-03
201	0.99118	2.9306E-05	2.9047E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.44E-09	1,000,000	6.44E-03
202	0.96916	2.9306E-05	2.8402E-05	1.05E-03	2.97E-08	1.35	1.57E-01	6.30E-09	1,000,000	6.30E-03
203	0.94467	2.9306E-05	2.7684E-05	1.05E-03	2.89E-08	1.35	1.57E-01	6.14E-09	1,000,000	6.14E-03
204	0.99228	2.9306E-05	2.9079E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.45E-09	1,000,000	6.45E-03
205	0.96877	2.9306E-05	2.839E-05	1.05E-03	2.97E-08	1.35	1.57E-01	6.30E-09	1,000,000	6.30E-03
206	0.95366	2.9306E-05	2.7948E-05	1.05E-03	2.92E-08	1.35	1.57E-01	6.20E-09	1,000,000	6.20E-03
207	0.93583	2.9306E-05	2.7425E-05	1.05E-03	2.87E-08	1.35	1.57E-01	6.08E-09	1,000,000	6.08E-03
208	0.91526	2.9306E-05	2.6822E-05	1.05E-03	2.80E-08	1.35	1.57E-01	5.95E-09	1,000,000	5.95E-03
209	0.94133	2.9306E-05	2.7586E-05	1.05E-03	2.88E-08	1.35	1.57E-01	6.12E-09	1,000,000	6.12E-03
210	0.9405	2.9306E-05	2.7562E-05	1.05E-03	2.88E-08	1.35	1.57E-01	6.11E-09	1,000,000	6.11E-03
211	0.93594	2.9306E-05	2.7428E-05	1.05E-03	2.87E-08	1.35	1.57E-01	6.08E-09	1,000,000	6.08E-03
212	0.92773	2.9306E-05	2.7188E-05	1.05E-03	2.84E-08	1.35	1.57E-01	6.03E-09	1,000,000	6.03E-03
213	0.91629	2.9306E-05	2.6852E-05	1.05E-03	2.81E-08	1.35	1.57E-01	5.95E-09	1,000,000	5.95E-03
214	0.90207	2.9306E-05	2.6436E-05	1.05E-03	2.76E-08	1.35	1.57E-01	5.86E-09	1,000,000	5.86E-03
215	0.88519	2.9306E-05	2.5941E-05	1.05E-03	2.71E-08	1.35	1.57E-01	5.75E-09	1,000,000	5.75E-03
216	0.84666	2.9306E-05	2.4812E-05	1.05E-03	2.59E-08	1.35	1.57E-01	5.50E-09	1,000,000	5.50E-03
217	0.8501	2.9306E-05	2.4913E-05	1.05E-03	2.60E-08	1.35	1.57E-01	5.52E-09	1,000,000	5.52E-03
218	0.85085	2.9306E-05	2.4935E-05	1.05E-03	2.61E-08	1.35	1.57E-01	5.53E-09	1,000,000	5.53E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.4858E-05	1.05E-03	2.60E-08	1.35	1.57E-01	5.51E-09	1,000,000	5.51E-03
220	0.84291	2.9306E-05	2.4702E-05	1.05E-03	2.58E-08	1.35	1.57E-01	5.48E-09	1,000,000	5.48E-03
221	0.83481	2.9306E-05	2.4465E-05	1.05E-03	2.56E-08	1.35	1.57E-01	5.42E-09	1,000,000	5.42E-03
222	0.80807	2.9306E-05	2.3681E-05	1.05E-03	2.48E-08	1.35	1.57E-01	5.25E-09	1,000,000	5.25E-03
223	0.81056	2.9306E-05	2.3754E-05	1.05E-03	2.48E-08	1.35	1.57E-01	5.27E-09	1,000,000	5.27E-03
224	0.81026	2.9306E-05	2.3745E-05	1.05E-03	2.48E-08	1.35	1.57E-01	5.27E-09	1,000,000	5.27E-03
225	0.80716	2.9306E-05	2.3654E-05	1.05E-03	2.47E-08	1.35	1.57E-01	5.24E-09	1,000,000	5.24E-03
226	0.80167	2.9306E-05	2.3493E-05	1.05E-03	2.46E-08	1.35	1.57E-01	5.21E-09	1,000,000	5.21E-03
227	0.77207	2.9306E-05	2.2626E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.02E-09	1,000,000	5.02E-03
228	0.77365	2.9306E-05	2.2672E-05	1.05E-03	2.37E-08	1.35	1.57E-01	5.03E-09	1,000,000	5.03E-03
229	0.77256	2.9306E-05	2.264E-05	1.05E-03	2.37E-08	1.35	1.57E-01	5.02E-09	1,000,000	5.02E-03
230	0.76922	2.9306E-05	2.2542E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.00E-09	1,000,000	5.00E-03
231	0.73846	2.9306E-05	2.1641E-05	1.05E-03	2.26E-08	1.35	1.57E-01	4.80E-09	1,000,000	4.80E-03
232	0.73907	2.9306E-05	2.1659E-05	1.05E-03	2.26E-08	1.35	1.57E-01	4.80E-09	1,000,000	4.80E-03
233	0.73748	2.9306E-05	2.1612E-05	1.05E-03	2.26E-08	1.35	1.57E-01	4.79E-09	1,000,000	4.79E-03
234	0.73384	2.9306E-05	2.1506E-05	1.05E-03	2.25E-08	1.35	1.57E-01	4.77E-09	1,000,000	4.77E-03
235	0.70683	2.9306E-05	2.0714E-05	1.05E-03	2.17E-08	1.35	1.57E-01	4.59E-09	1,000,000	4.59E-03
236	0.70677	2.9306E-05	2.0712E-05	1.05E-03	2.16E-08	1.35	1.57E-01	4.59E-09	1,000,000	4.59E-03
237	0.70485	2.9306E-05	2.0656E-05	1.05E-03	2.16E-08	1.35	1.57E-01	4.58E-09	1,000,000	4.58E-03
238	0.70091	2.9306E-05	2.0541E-05	1.05E-03	2.15E-08	1.35	1.57E-01	4.55E-09	1,000,000	4.55E-03
239	0.67715	2.9306E-05	1.9844E-05	1.05E-03	2.07E-08	1.35	1.57E-01	4.40E-09	1,000,000	4.40E-03
240	0.6766	2.9306E-05	1.9828E-05	1.05E-03	2.07E-08	1.35	1.57E-01	4.40E-09	1,000,000	4.40E-03
241	0.67434	2.9306E-05	1.9762E-05	1.05E-03	2.07E-08	1.35	1.57E-01	4.38E-09	1,000,000	4.38E-03
242	0.67024	2.9306E-05	1.9642E-05	1.05E-03	2.05E-08	1.35	1.57E-01	4.36E-09	1,000,000	4.36E-03
243	0.61099	2.9306E-05	1.7905E-05	1.05E-03	1.87E-08	1.35	1.57E-01	3.97E-09	1,000,000	3.97E-03
244	0.62331	2.9306E-05	1.8266E-05	1.05E-03	1.91E-08	1.35	1.57E-01	4.05E-09	1,000,000	4.05E-03
245	0.6341	2.9306E-05	1.8583E-05	1.05E-03	1.94E-08	1.35	1.57E-01	4.12E-09	1,000,000	4.12E-03
246	0.6433	2.9306E-05	1.8852E-05	1.05E-03	1.97E-08	1.35	1.57E-01	4.18E-09	1,000,000	4.18E-03
247	0.65102	2.9306E-05	1.9079E-05	1.05E-03	1.99E-08	1.35	1.57E-01	4.23E-09	1,000,000	4.23E-03
248	0.65671	2.9306E-05	1.9245E-05	1.05E-03	2.01E-08	1.35	1.57E-01	4.27E-09	1,000,000	4.27E-03
249	0.66065	2.9306E-05	1.9361E-05	1.05E-03	2.02E-08	1.35	1.57E-01	4.29E-09	1,000,000	4.29E-03
250	0.59182	2.9306E-05	1.7344E-05	1.05E-03	1.81E-08	1.35	1.57E-01	3.85E-09	1,000,000	3.85E-03
251	0.60273	2.9306E-05	1.7663E-05	1.05E-03	1.85E-08	1.35	1.57E-01	3.92E-09	1,000,000	3.92E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.7941E-05	1.05E-03	1.88E-08	1.35	1.57E-01	3.98E-09	1,000,000	3.98E-03
253	0.62017	2.9306E-05	1.8174E-05	1.05E-03	1.90E-08	1.35	1.57E-01	4.03E-09	1,000,000	4.03E-03
254	0.62678	2.9306E-05	1.8368E-05	1.05E-03	1.92E-08	1.35	1.57E-01	4.07E-09	1,000,000	4.07E-03
255	0.63152	2.9306E-05	1.8507E-05	1.05E-03	1.93E-08	1.35	1.57E-01	4.10E-09	1,000,000	4.10E-03
256	0.63481	2.9306E-05	1.8603E-05	1.05E-03	1.94E-08	1.35	1.57E-01	4.13E-09	1,000,000	4.13E-03
257	0.57329	2.9306E-05	1.6801E-05	1.05E-03	1.76E-08	1.35	1.57E-01	3.73E-09	1,000,000	3.73E-03
258	0.58294	2.9306E-05	1.7083E-05	1.05E-03	1.79E-08	1.35	1.57E-01	3.79E-09	1,000,000	3.79E-03
259	0.59123	2.9306E-05	1.7326E-05	1.05E-03	1.81E-08	1.35	1.57E-01	3.84E-09	1,000,000	3.84E-03
260	0.59811	2.9306E-05	1.7528E-05	1.05E-03	1.83E-08	1.35	1.57E-01	3.89E-09	1,000,000	3.89E-03
261	0.60374	2.9306E-05	1.7693E-05	1.05E-03	1.85E-08	1.35	1.57E-01	3.92E-09	1,000,000	3.92E-03
262	0.60767	2.9306E-05	1.7808E-05	1.05E-03	1.86E-08	1.35	1.57E-01	3.95E-09	1,000,000	3.95E-03
263	0.61021	2.9306E-05	1.7883E-05	1.05E-03	1.87E-08	1.35	1.57E-01	3.97E-09	1,000,000	3.97E-03
264	0.55511	2.9306E-05	1.6268E-05	1.05E-03	1.70E-08	1.35	1.57E-01	3.61E-09	1,000,000	3.61E-03
265	0.56387	2.9306E-05	1.6525E-05	1.05E-03	1.73E-08	1.35	1.57E-01	3.66E-09	1,000,000	3.66E-03
266	0.57117	2.9306E-05	1.6738E-05	1.05E-03	1.75E-08	1.35	1.57E-01	3.71E-09	1,000,000	3.71E-03
267	0.57709	2.9306E-05	1.6912E-05	1.05E-03	1.77E-08	1.35	1.57E-01	3.75E-09	1,000,000	3.75E-03
268	0.58165	2.9306E-05	1.7046E-05	1.05E-03	1.78E-08	1.35	1.57E-01	3.78E-09	1,000,000	3.78E-03
269	0.58494	2.9306E-05	1.7142E-05	1.05E-03	1.79E-08	1.35	1.57E-01	3.80E-09	1,000,000	3.80E-03
270	0.58693	2.9306E-05	1.72E-05	1.05E-03	1.80E-08	1.35	1.57E-01	3.81E-09	1,000,000	3.81E-03
271	0.53786	2.9306E-05	1.5762E-05	1.05E-03	1.65E-08	1.35	1.57E-01	3.50E-09	1,000,000	3.50E-03
272	0.54561	2.9306E-05	1.5989E-05	1.05E-03	1.67E-08	1.35	1.57E-01	3.55E-09	1,000,000	3.55E-03
273	0.55199	2.9306E-05	1.6176E-05	1.05E-03	1.69E-08	1.35	1.57E-01	3.59E-09	1,000,000	3.59E-03
274	0.55708	2.9306E-05	1.6326E-05	1.05E-03	1.71E-08	1.35	1.57E-01	3.62E-09	1,000,000	3.62E-03
275	0.56091	2.9306E-05	1.6438E-05	1.05E-03	1.72E-08	1.35	1.57E-01	3.64E-09	1,000,000	3.64E-03
276	0.56347	2.9306E-05	1.6513E-05	1.05E-03	1.73E-08	1.35	1.57E-01	3.66E-09	1,000,000	3.66E-03
277	0.56502	2.9306E-05	1.6558E-05	1.05E-03	1.73E-08	1.35	1.57E-01	3.67E-09	1,000,000	3.67E-03
278	0.40049	2.9306E-05	1.1737E-05	1.05E-03	1.23E-08	1.35	1.57E-01	2.60E-09	1,000,000	2.60E-03
279	0.40854	2.9306E-05	1.1973E-05	1.05E-03	1.25E-08	1.35	1.57E-01	2.65E-09	1,000,000	2.65E-03
280	0.42913	2.9306E-05	1.2576E-05	1.05E-03	1.31E-08	1.35	1.57E-01	2.79E-09	1,000,000	2.79E-03
281	0.42673	2.9306E-05	1.2506E-05	1.05E-03	1.31E-08	1.35	1.57E-01	2.77E-09	1,000,000	2.77E-03
282	0.44615	2.9306E-05	1.3075E-05	1.05E-03	1.37E-08	1.35	1.57E-01	2.90E-09	1,000,000	2.90E-03
283	0.40868	2.9306E-05	1.1977E-05	1.05E-03	1.25E-08	1.35	1.57E-01	2.66E-09	1,000,000	2.66E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School Receptors										
26	1.16028	2.9306E-05	3.4003E-05	1.05E-03	3.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	1.22306	2.9306E-05	3.5842E-05	1.05E-03	3.75E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	1.29166	2.9306E-05	3.7853E-05	1.05E-03	3.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	1.36671	2.9306E-05	4.0052E-05	1.05E-03	4.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	1.44889	2.9306E-05	4.2461E-05	1.05E-03	4.44E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	1.53889	2.9306E-05	4.5098E-05	1.05E-03	4.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	1.63742	2.9306E-05	4.7986E-05	1.05E-03	5.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	1.74516	2.9306E-05	5.1143E-05	1.05E-03	5.35E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	1.86272	2.9306E-05	5.4588E-05	1.05E-03	5.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	1.99249	2.9306E-05	5.8391E-05	1.05E-03	6.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	2.13318	2.9306E-05	6.2514E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	1.15665	2.9306E-05	3.3896E-05	1.05E-03	3.54E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	1.21916	2.9306E-05	3.5728E-05	1.05E-03	3.73E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	1.28733	2.9306E-05	3.7726E-05	1.05E-03	3.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	1.36174	2.9306E-05	3.9907E-05	1.05E-03	4.17E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	1.44296	2.9306E-05	4.2287E-05	1.05E-03	4.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	1.53159	2.9306E-05	4.4884E-05	1.05E-03	4.69E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	1.62821	2.9306E-05	4.7716E-05	1.05E-03	4.99E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	1.73334	2.9306E-05	5.0797E-05	1.05E-03	5.31E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	1.84743	2.9306E-05	5.414E-05	1.05E-03	5.66E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	1.9726	2.9306E-05	5.7808E-05	1.05E-03	6.04E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	2.10743	2.9306E-05	6.1759E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	1.15313	2.9306E-05	3.3793E-05	1.05E-03	3.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	1.21529	2.9306E-05	3.5615E-05	1.05E-03	3.72E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	1.28292	2.9306E-05	3.7597E-05	1.05E-03	3.93E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	1.35652	2.9306E-05	3.9754E-05	1.05E-03	4.16E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	1.4366	2.9306E-05	4.21E-05	1.05E-03	4.40E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	1.52365	2.9306E-05	4.4651E-05	1.05E-03	4.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	1.61813	2.9306E-05	4.742E-05	1.05E-03	4.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	1.72041	2.9306E-05	5.0418E-05	1.05E-03	5.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	1.83079	2.9306E-05	5.3652E-05	1.05E-03	5.61E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	1.95117	2.9306E-05	5.718E-05	1.05E-03	5.98E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.0956E-05	1.05E-03	6.37E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	1.14965	2.9306E-05	3.3691E-05	1.05E-03	3.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	1.21135	2.9306E-05	3.5499E-05	1.05E-03	3.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	1.27831	2.9306E-05	3.7462E-05	1.05E-03	3.92E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	1.35096	2.9306E-05	3.9591E-05	1.05E-03	4.14E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	1.42972	2.9306E-05	4.1899E-05	1.05E-03	4.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	1.51499	2.9306E-05	4.4398E-05	1.05E-03	4.64E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	1.6071	2.9306E-05	4.7097E-05	1.05E-03	4.92E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	1.70632	2.9306E-05	5.0005E-05	1.05E-03	5.23E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	1.81281	2.9306E-05	5.3125E-05	1.05E-03	5.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	1.92827	2.9306E-05	5.6509E-05	1.05E-03	5.91E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	2.05106	2.9306E-05	6.0108E-05	1.05E-03	6.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	1.14613	2.9306E-05	3.3588E-05	1.05E-03	3.51E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	1.20726	2.9306E-05	3.5379E-05	1.05E-03	3.70E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	1.27341	2.9306E-05	3.7318E-05	1.05E-03	3.90E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	1.34495	2.9306E-05	3.9415E-05	1.05E-03	4.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	1.42222	2.9306E-05	4.1679E-05	1.05E-03	4.36E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	1.50552	2.9306E-05	4.412E-05	1.05E-03	4.61E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	1.59508	2.9306E-05	4.6745E-05	1.05E-03	4.89E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	1.69107	2.9306E-05	4.9558E-05	1.05E-03	5.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	1.79354	2.9306E-05	5.2561E-05	1.05E-03	5.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	1.90398	2.9306E-05	5.5797E-05	1.05E-03	5.83E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	2.02075	2.9306E-05	5.9219E-05	1.05E-03	6.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	1.14248	2.9306E-05	3.3481E-05	1.05E-03	3.50E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	1.20293	2.9306E-05	3.5253E-05	1.05E-03	3.68E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	1.26814	2.9306E-05	3.7164E-05	1.05E-03	3.88E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	1.33843	2.9306E-05	3.9223E-05	1.05E-03	4.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	1.41404	2.9306E-05	4.1439E-05	1.05E-03	4.33E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	1.49521	2.9306E-05	4.3818E-05	1.05E-03	4.58E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	1.58207	2.9306E-05	4.6363E-05	1.05E-03	4.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	1.67469	2.9306E-05	4.9078E-05	1.05E-03	5.13E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	1.77303	2.9306E-05	5.196E-05	1.05E-03	5.43E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	1.87844	2.9306E-05	5.5049E-05	1.05E-03	5.75E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.8296E-05	1.05E-03	6.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	1.13864	2.9306E-05	3.3369E-05	1.05E-03	3.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	1.19829	2.9306E-05	3.5117E-05	1.05E-03	3.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	1.26244	2.9306E-05	3.6997E-05	1.05E-03	3.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	1.33132	2.9306E-05	3.9015E-05	1.05E-03	4.08E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	1.40514	2.9306E-05	4.1178E-05	1.05E-03	4.30E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	1.48403	2.9306E-05	4.349E-05	1.05E-03	4.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	1.56805	2.9306E-05	4.5953E-05	1.05E-03	4.80E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	1.65721	2.9306E-05	4.8566E-05	1.05E-03	5.08E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	1.75137	2.9306E-05	5.1325E-05	1.05E-03	5.36E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	1.85176	2.9306E-05	5.4267E-05	1.05E-03	5.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	1.95668	2.9306E-05	5.7342E-05	1.05E-03	5.99E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	1.32363	2.9306E-05	3.879E-05	1.05E-03	4.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	1.39489	2.9306E-05	4.0878E-05	1.05E-03	4.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	1.47403	2.9306E-05	4.3197E-05	1.05E-03	4.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	1.55654	2.9306E-05	4.5615E-05	1.05E-03	4.77E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	1.63868	2.9306E-05	4.8022E-05	1.05E-03	5.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	1.72864	2.9306E-05	5.0659E-05	1.05E-03	5.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	1.82407	2.9306E-05	5.3455E-05	1.05E-03	5.59E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	1.92326	2.9306E-05	5.6362E-05	1.05E-03	5.89E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	1.25798	2.9306E-05	3.6866E-05	1.05E-03	3.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	1.188	2.9306E-05	3.4815E-05	1.05E-03	3.64E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						Residential Receptors				
1	0.23903	2.93E-05	7.00E-06	6.05E-04	4.24E-09	14	4.71E-02	2.80E-09	1,000,000	2.8E-03
2	0.24866	2.9306E-05	7.29E-06	6.05E-04	4.41E-09	14	4.71E-02	2.91E-09	1,000,000	2.91E-03
3	0.25923	2.9306E-05	7.60E-06	6.05E-04	4.60E-09	14	4.71E-02	3.03E-09	1,000,000	3.03E-03
4	0.27028	2.9306E-05	7.92E-06	6.05E-04	4.79E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
5	0.28231	2.9306E-05	8.27E-06	6.05E-04	5.01E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
6	0.23863	2.9306E-05	6.99E-06	6.05E-04	4.23E-09	14	4.71E-02	2.79E-09	1,000,000	2.79E-03
7	0.24823	2.9306E-05	7.27E-06	6.05E-04	4.40E-09	14	4.71E-02	2.91E-09	1,000,000	2.91E-03
8	0.2586	2.9306E-05	7.58E-06	6.05E-04	4.59E-09	14	4.71E-02	3.03E-09	1,000,000	3.03E-03
9	0.27005	2.9306E-05	7.91E-06	6.05E-04	4.79E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
10	0.28201	2.9306E-05	8.26E-06	6.05E-04	5.00E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
11	0.23808	2.9306E-05	6.98E-06	6.05E-04	4.22E-09	14	4.71E-02	2.79E-09	1,000,000	2.79E-03
12	0.24773	2.9306E-05	7.26E-06	6.05E-04	4.39E-09	14	4.71E-02	2.90E-09	1,000,000	2.90E-03
13	0.25817	2.9306E-05	7.57E-06	6.05E-04	4.58E-09	14	4.71E-02	3.02E-09	1,000,000	3.02E-03
14	0.2697	2.9306E-05	7.90E-06	6.05E-04	4.78E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
15	0.2817	2.9306E-05	8.26E-06	6.05E-04	5.00E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
16	0.23757	2.9306E-05	6.96E-06	6.05E-04	4.21E-09	14	4.71E-02	2.78E-09	1,000,000	2.78E-03
17	0.24734	2.9306E-05	7.25E-06	6.05E-04	4.39E-09	14	4.71E-02	2.89E-09	1,000,000	2.89E-03
18	0.25776	2.9306E-05	7.55E-06	6.05E-04	4.57E-09	14	4.71E-02	3.02E-09	1,000,000	3.02E-03
19	0.2688	2.9306E-05	7.88E-06	6.05E-04	4.77E-09	14	4.71E-02	3.15E-09	1,000,000	3.15E-03
20	0.28086	2.9306E-05	8.23E-06	6.05E-04	4.98E-09	14	4.71E-02	3.29E-09	1,000,000	3.29E-03
21	0.23719	2.9306E-05	6.95E-06	6.05E-04	4.21E-09	14	4.71E-02	2.78E-09	1,000,000	2.78E-03
22	0.24694	2.9306E-05	7.24E-06	6.05E-04	4.38E-09	14	4.71E-02	2.89E-09	1,000,000	2.89E-03
23	0.25738	2.9306E-05	7.54E-06	6.05E-04	4.56E-09	14	4.71E-02	3.01E-09	1,000,000	3.01E-03
24	0.26848	2.9306E-05	7.87E-06	6.05E-04	4.76E-09	14	4.71E-02	3.14E-09	1,000,000	3.14E-03
25	0.28015	2.9306E-05	8.21E-06	6.05E-04	4.97E-09	14	4.71E-02	3.28E-09	1,000,000	3.28E-03
113	10.26883	2.9306E-05	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
114	10.26908	2.9306E-05	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
115	10.0116	2.9306E-05	2.93E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
116	9.46476	2.9306E-05	2.77E-04	6.05E-04	1.68E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
117	8.47048	2.9306E-05	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.91E-08	1,000,000	9.91E-02
118	8.40203	2.9306E-05	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.83E-08	1,000,000	9.83E-02
119	8.13133	2.9306E-05	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	2.24E-04	6.05E-04	1.36E-07	14	4.71E-02	8.96E-08	1,000,000	8.96E-02
121	7.09845	2.9306E-05	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.31E-08	1,000,000	8.31E-02
122	6.99295	2.9306E-05	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.18E-08	1,000,000	8.18E-02
123	6.734	2.9306E-05	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.88E-08	1,000,000	7.88E-02
124	6.3318	2.9306E-05	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.41E-08	1,000,000	7.41E-02
125	6.02844	2.9306E-05	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.06E-08	1,000,000	7.06E-02
126	5.90661	2.9306E-05	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.91E-08	1,000,000	6.91E-02
127	5.67005	2.9306E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.64E-08	1,000,000	6.64E-02
128	5.33314	2.9306E-05	1.56E-04	6.05E-04	9.46E-08	14	4.71E-02	6.24E-08	1,000,000	6.24E-02
129	5.17938	2.9306E-05	1.52E-04	6.05E-04	9.18E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
130	5.05384	2.9306E-05	1.48E-04	6.05E-04	8.96E-08	14	4.71E-02	5.91E-08	1,000,000	5.91E-02
131	4.84284	2.9306E-05	1.42E-04	6.05E-04	8.59E-08	14	4.71E-02	5.67E-08	1,000,000	5.67E-02
132	4.56081	2.9306E-05	1.34E-04	6.05E-04	8.09E-08	14	4.71E-02	5.34E-08	1,000,000	5.34E-02
133	4.49582	2.9306E-05	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
134	4.37376	2.9306E-05	1.28E-04	6.05E-04	7.76E-08	14	4.71E-02	5.12E-08	1,000,000	5.12E-02
135	4.18782	2.9306E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.90E-08	1,000,000	4.90E-02
136	3.95087	2.9306E-05	1.16E-04	6.05E-04	7.01E-08	14	4.71E-02	4.62E-08	1,000,000	4.62E-02
137	3.93847	2.9306E-05	1.15E-04	6.05E-04	6.98E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
138	3.66063	2.9306E-05	1.07E-04	6.05E-04	6.49E-08	14	4.71E-02	4.28E-08	1,000,000	4.28E-02
139	3.46046	2.9306E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
140	2.7735	2.9306E-05	8.13E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
141	2.68568	2.9306E-05	7.87E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
142	2.57604	2.9306E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
143	2.45052	2.9306E-05	7.18E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
144	2.50002	2.9306E-05	7.33E-05	6.05E-04	4.43E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
145	2.42061	2.9306E-05	7.09E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
146	2.32408	2.9306E-05	6.81E-05	6.05E-04	4.12E-08	14	4.71E-02	2.72E-08	1,000,000	2.72E-02
147	2.21525	2.9306E-05	6.49E-05	6.05E-04	3.93E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
148	2.26605	2.9306E-05	6.64E-05	6.05E-04	4.02E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
149	2.19435	2.9306E-05	6.43E-05	6.05E-04	3.89E-08	14	4.71E-02	2.57E-08	1,000,000	2.57E-02
150	2.10907	2.9306E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
151	2.01413	2.9306E-05	5.90E-05	6.05E-04	3.57E-08	14	4.71E-02	2.36E-08	1,000,000	2.36E-02
152	2.0644	2.9306E-05	6.05E-05	6.05E-04	3.66E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.86E-05	6.05E-04	3.55E-08	14	4.71E-02	2.34E-08	1,000,000	2.34E-02
154	1.92405	2.9306E-05	5.64E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
155	1.84075	2.9306E-05	5.39E-05	6.05E-04	3.26E-08	14	4.71E-02	2.15E-08	1,000,000	2.15E-02
156	1.88942	2.9306E-05	5.54E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
157	1.83092	2.9306E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
158	1.76361	2.9306E-05	5.17E-05	6.05E-04	3.13E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02
159	1.69014	2.9306E-05	4.95E-05	6.05E-04	3.00E-08	14	4.71E-02	1.98E-08	1,000,000	1.98E-02
160	1.7366	2.9306E-05	5.09E-05	6.05E-04	3.08E-08	14	4.71E-02	2.03E-08	1,000,000	2.03E-02
161	1.68366	2.9306E-05	4.93E-05	6.05E-04	2.99E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
162	1.62354	2.9306E-05	4.76E-05	6.05E-04	2.88E-08	14	4.71E-02	1.90E-08	1,000,000	1.90E-02
163	1.55854	2.9306E-05	4.57E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
164	1.60237	2.9306E-05	4.70E-05	6.05E-04	2.84E-08	14	4.71E-02	1.88E-08	1,000,000	1.88E-02
165	1.55437	2.9306E-05	4.56E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
166	1.50092	2.9306E-05	4.40E-05	6.05E-04	2.66E-08	14	4.71E-02	1.76E-08	1,000,000	1.76E-02
167	1.44292	2.9306E-05	4.23E-05	6.05E-04	2.56E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
168	1.48381	2.9306E-05	4.35E-05	6.05E-04	2.63E-08	14	4.71E-02	1.74E-08	1,000,000	1.74E-02
169	1.44022	2.9306E-05	4.22E-05	6.05E-04	2.55E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
170	1.39215	2.9306E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
171	1.34022	2.9306E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
172	1.37858	2.9306E-05	4.04E-05	6.05E-04	2.44E-08	14	4.71E-02	1.61E-08	1,000,000	1.61E-02
173	1.33889	2.9306E-05	3.92E-05	6.05E-04	2.37E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
174	1.29546	2.9306E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
175	1.24883	2.9306E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
176	1.28473	2.9306E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
177	1.24852	2.9306E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
178	1.20918	2.9306E-05	3.54E-05	6.05E-04	2.14E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
179	1.16712	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
180	1.20066	2.9306E-05	3.52E-05	6.05E-04	2.13E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
181	1.1677	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
182	1.13182	2.9306E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
183	1.09374	2.9306E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
184	1.51451	2.9306E-05	4.44E-05	6.05E-04	2.69E-08	14	4.71E-02	1.77E-08	1,000,000	1.77E-02
185	1.21641	2.9306E-05	3.56E-05	6.05E-04	2.16E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.50E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
187	1.16538	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
188	1.13417	2.9306E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
189	1.15812	2.9306E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
190	1.14085	2.9306E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
191	1.119	2.9306E-05	3.28E-05	6.05E-04	1.98E-08	14	4.71E-02	1.31E-08	1,000,000	1.31E-02
192	1.09328	2.9306E-05	3.20E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
193	1.06472	2.9306E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
194	1.08904	2.9306E-05	3.19E-05	6.05E-04	1.93E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
195	1.07244	2.9306E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
196	1.05197	2.9306E-05	3.08E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
197	1.02834	2.9306E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
198	1.00181	2.9306E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
199	1.02614	2.9306E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
200	1.01029	2.9306E-05	2.96E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
201	0.99118	2.9306E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
202	0.96916	2.9306E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
203	0.94467	2.9306E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
204	0.99228	2.9306E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
205	0.96877	2.9306E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
206	0.95366	2.9306E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
207	0.93583	2.9306E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
208	0.91526	2.9306E-05	2.68E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
209	0.94133	2.9306E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
210	0.9405	2.9306E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
211	0.93594	2.9306E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
212	0.92773	2.9306E-05	2.72E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
213	0.91629	2.9306E-05	2.69E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
214	0.90207	2.9306E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
215	0.88519	2.9306E-05	2.59E-05	6.05E-04	1.57E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
216	0.84666	2.9306E-05	2.48E-05	6.05E-04	1.50E-08	14	4.71E-02	9.91E-09	1,000,000	9.91E-03
217	0.8501	2.9306E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.95E-09	1,000,000	9.95E-03
218	0.85085	2.9306E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.96E-09	1,000,000	9.96E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.49E-05	6.05E-04	1.50E-08	14	4.71E-02	9.93E-09	1,000,000	9.93E-03
220	0.84291	2.9306E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.86E-09	1,000,000	9.86E-03
221	0.83481	2.9306E-05	2.45E-05	6.05E-04	1.48E-08	14	4.71E-02	9.77E-09	1,000,000	9.77E-03
222	0.80807	2.9306E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.46E-09	1,000,000	9.46E-03
223	0.81056	2.9306E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.49E-09	1,000,000	9.49E-03
224	0.81026	2.9306E-05	2.37E-05	6.05E-04	1.44E-08	14	4.71E-02	9.48E-09	1,000,000	9.48E-03
225	0.80716	2.9306E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.45E-09	1,000,000	9.45E-03
226	0.80167	2.9306E-05	2.35E-05	6.05E-04	1.42E-08	14	4.71E-02	9.38E-09	1,000,000	9.38E-03
227	0.77207	2.9306E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.04E-09	1,000,000	9.04E-03
228	0.77365	2.9306E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.05E-09	1,000,000	9.05E-03
229	0.77256	2.9306E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.04E-09	1,000,000	9.04E-03
230	0.76922	2.9306E-05	2.25E-05	6.05E-04	1.36E-08	14	4.71E-02	9.00E-09	1,000,000	9.00E-03
231	0.73846	2.9306E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.64E-09	1,000,000	8.64E-03
232	0.73907	2.9306E-05	2.17E-05	6.05E-04	1.31E-08	14	4.71E-02	8.65E-09	1,000,000	8.65E-03
233	0.73748	2.9306E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.63E-09	1,000,000	8.63E-03
234	0.73384	2.9306E-05	2.15E-05	6.05E-04	1.30E-08	14	4.71E-02	8.59E-09	1,000,000	8.59E-03
235	0.70683	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.27E-09	1,000,000	8.27E-03
236	0.70677	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.27E-09	1,000,000	8.27E-03
237	0.70485	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.25E-09	1,000,000	8.25E-03
238	0.70091	2.9306E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
239	0.67715	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
240	0.6766	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
241	0.67434	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.89E-09	1,000,000	7.89E-03
242	0.67024	2.9306E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
243	0.61099	2.9306E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.15E-09	1,000,000	7.15E-03
244	0.62331	2.9306E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.29E-09	1,000,000	7.29E-03
245	0.6341	2.9306E-05	1.86E-05	6.05E-04	1.12E-08	14	4.71E-02	7.42E-09	1,000,000	7.42E-03
246	0.6433	2.9306E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.53E-09	1,000,000	7.53E-03
247	0.65102	2.9306E-05	1.91E-05	6.05E-04	1.15E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03
248	0.65671	2.9306E-05	1.92E-05	6.05E-04	1.16E-08	14	4.71E-02	7.69E-09	1,000,000	7.69E-03
249	0.66065	2.9306E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.73E-09	1,000,000	7.73E-03
250	0.59182	2.9306E-05	1.73E-05	6.05E-04	1.05E-08	14	4.71E-02	6.93E-09	1,000,000	6.93E-03
251	0.60273	2.9306E-05	1.77E-05	6.05E-04	1.07E-08	14	4.71E-02	7.05E-09	1,000,000	7.05E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.79E-05	6.05E-04	1.09E-08	14	4.71E-02	7.16E-09	1,000,000	7.16E-03
253	0.62017	2.9306E-05	1.82E-05	6.05E-04	1.10E-08	14	4.71E-02	7.26E-09	1,000,000	7.26E-03
254	0.62678	2.9306E-05	1.84E-05	6.05E-04	1.11E-08	14	4.71E-02	7.34E-09	1,000,000	7.34E-03
255	0.63152	2.9306E-05	1.85E-05	6.05E-04	1.12E-08	14	4.71E-02	7.39E-09	1,000,000	7.39E-03
256	0.63481	2.9306E-05	1.86E-05	6.05E-04	1.13E-08	14	4.71E-02	7.43E-09	1,000,000	7.43E-03
257	0.57329	2.9306E-05	1.68E-05	6.05E-04	1.02E-08	14	4.71E-02	6.71E-09	1,000,000	6.71E-03
258	0.58294	2.9306E-05	1.71E-05	6.05E-04	1.03E-08	14	4.71E-02	6.82E-09	1,000,000	6.82E-03
259	0.59123	2.9306E-05	1.73E-05	6.05E-04	1.05E-08	14	4.71E-02	6.92E-09	1,000,000	6.92E-03
260	0.59811	2.9306E-05	1.75E-05	6.05E-04	1.06E-08	14	4.71E-02	7.00E-09	1,000,000	7.00E-03
261	0.60374	2.9306E-05	1.77E-05	6.05E-04	1.07E-08	14	4.71E-02	7.07E-09	1,000,000	7.07E-03
262	0.60767	2.9306E-05	1.78E-05	6.05E-04	1.08E-08	14	4.71E-02	7.11E-09	1,000,000	7.11E-03
263	0.61021	2.9306E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.14E-09	1,000,000	7.14E-03
264	0.55511	2.9306E-05	1.63E-05	6.05E-04	9.84E-09	14	4.71E-02	6.50E-09	1,000,000	6.50E-03
265	0.56387	2.9306E-05	1.65E-05	6.05E-04	1.00E-08	14	4.71E-02	6.60E-09	1,000,000	6.60E-03
266	0.57117	2.9306E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.68E-09	1,000,000	6.68E-03
267	0.57709	2.9306E-05	1.69E-05	6.05E-04	1.02E-08	14	4.71E-02	6.75E-09	1,000,000	6.75E-03
268	0.58165	2.9306E-05	1.70E-05	6.05E-04	1.03E-08	14	4.71E-02	6.81E-09	1,000,000	6.81E-03
269	0.58494	2.9306E-05	1.71E-05	6.05E-04	1.04E-08	14	4.71E-02	6.85E-09	1,000,000	6.85E-03
270	0.58693	2.9306E-05	1.72E-05	6.05E-04	1.04E-08	14	4.71E-02	6.87E-09	1,000,000	6.87E-03
271	0.53786	2.9306E-05	1.58E-05	6.05E-04	9.54E-09	14	4.71E-02	6.29E-09	1,000,000	6.29E-03
272	0.54561	2.9306E-05	1.60E-05	6.05E-04	9.67E-09	14	4.71E-02	6.39E-09	1,000,000	6.39E-03
273	0.55199	2.9306E-05	1.62E-05	6.05E-04	9.79E-09	14	4.71E-02	6.46E-09	1,000,000	6.46E-03
274	0.55708	2.9306E-05	1.63E-05	6.05E-04	9.88E-09	14	4.71E-02	6.52E-09	1,000,000	6.52E-03
275	0.56091	2.9306E-05	1.64E-05	6.05E-04	9.95E-09	14	4.71E-02	6.56E-09	1,000,000	6.56E-03
276	0.56347	2.9306E-05	1.65E-05	6.05E-04	9.99E-09	14	4.71E-02	6.59E-09	1,000,000	6.59E-03
277	0.56502	2.9306E-05	1.66E-05	6.05E-04	1.00E-08	14	4.71E-02	6.61E-09	1,000,000	6.61E-03
278	0.40049	2.9306E-05	1.17E-05	6.05E-04	7.10E-09	14	4.71E-02	4.69E-09	1,000,000	4.69E-03
279	0.40854	2.9306E-05	1.20E-05	6.05E-04	7.24E-09	14	4.71E-02	4.78E-09	1,000,000	4.78E-03
280	0.42913	2.9306E-05	1.26E-05	6.05E-04	7.61E-09	14	4.71E-02	5.02E-09	1,000,000	5.02E-03
281	0.42673	2.9306E-05	1.25E-05	6.05E-04	7.57E-09	14	4.71E-02	4.99E-09	1,000,000	4.99E-03
282	0.44615	2.9306E-05	1.31E-05	6.05E-04	7.91E-09	14	4.71E-02	5.22E-09	1,000,000	5.22E-03
283	0.40868	2.9306E-05	1.20E-05	6.05E-04	7.25E-09	14	4.71E-02	4.78E-09	1,000,000	4.78E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	1.16028	2.9306E-05	3.40E-05	6.05E-04	2.06E-08	9	4.71E-02	8.83E-09	1,000,000	8.83E-03
27	1.22306	2.9306E-05	3.58E-05	6.05E-04	2.17E-08	9	4.71E-02	9.30E-09	1,000,000	9.30E-03
28	1.29166	2.9306E-05	3.79E-05	6.05E-04	2.29E-08	9	4.71E-02	9.83E-09	1,000,000	9.83E-03
29	1.36671	2.9306E-05	4.01E-05	6.05E-04	2.42E-08	9	4.71E-02	1.04E-08	1,000,000	1.04E-02
30	1.44889	2.9306E-05	4.25E-05	6.05E-04	2.57E-08	9	4.71E-02	1.10E-08	1,000,000	1.10E-02
31	1.53889	2.9306E-05	4.51E-05	6.05E-04	2.73E-08	9	4.71E-02	1.17E-08	1,000,000	1.17E-02
32	1.63742	2.9306E-05	4.80E-05	6.05E-04	2.90E-08	9	4.71E-02	1.25E-08	1,000,000	1.25E-02
33	1.74516	2.9306E-05	5.11E-05	6.05E-04	3.09E-08	9	4.71E-02	1.33E-08	1,000,000	1.33E-02
34	1.86272	2.9306E-05	5.46E-05	6.05E-04	3.30E-08	9	4.71E-02	1.42E-08	1,000,000	1.42E-02
35	1.99249	2.9306E-05	5.84E-05	6.05E-04	3.53E-08	9	4.71E-02	1.52E-08	1,000,000	1.52E-02
36	2.13318	2.9306E-05	6.25E-05	6.05E-04	3.78E-08	9	4.71E-02	1.62E-08	1,000,000	1.62E-02
37	1.15665	2.9306E-05	3.39E-05	6.05E-04	2.05E-08	9	4.71E-02	8.80E-09	1,000,000	8.80E-03
38	1.21916	2.9306E-05	3.57E-05	6.05E-04	2.16E-08	9	4.71E-02	9.27E-09	1,000,000	9.27E-03
39	1.28733	2.9306E-05	3.77E-05	6.05E-04	2.28E-08	9	4.71E-02	9.79E-09	1,000,000	9.79E-03
40	1.36174	2.9306E-05	3.99E-05	6.05E-04	2.41E-08	9	4.71E-02	1.04E-08	1,000,000	1.04E-02
41	1.44296	2.9306E-05	4.23E-05	6.05E-04	2.56E-08	9	4.71E-02	1.10E-08	1,000,000	1.10E-02
42	1.53159	2.9306E-05	4.49E-05	6.05E-04	2.72E-08	9	4.71E-02	1.17E-08	1,000,000	1.17E-02
43	1.62821	2.9306E-05	4.77E-05	6.05E-04	2.89E-08	9	4.71E-02	1.24E-08	1,000,000	1.24E-02
44	1.73334	2.9306E-05	5.08E-05	6.05E-04	3.07E-08	9	4.71E-02	1.32E-08	1,000,000	1.32E-02
45	1.84743	2.9306E-05	5.41E-05	6.05E-04	3.28E-08	9	4.71E-02	1.41E-08	1,000,000	1.41E-02
46	1.9726	2.9306E-05	5.78E-05	6.05E-04	3.50E-08	9	4.71E-02	1.50E-08	1,000,000	1.50E-02
47	2.10743	2.9306E-05	6.18E-05	6.05E-04	3.74E-08	9	4.71E-02	1.60E-08	1,000,000	1.60E-02
48	1.15313	2.9306E-05	3.38E-05	6.05E-04	2.04E-08	9	4.71E-02	8.77E-09	1,000,000	8.77E-03
49	1.21529	2.9306E-05	3.56E-05	6.05E-04	2.15E-08	9	4.71E-02	9.24E-09	1,000,000	9.24E-03
50	1.28292	2.9306E-05	3.76E-05	6.05E-04	2.27E-08	9	4.71E-02	9.76E-09	1,000,000	9.76E-03
51	1.35652	2.9306E-05	3.98E-05	6.05E-04	2.41E-08	9	4.71E-02	1.03E-08	1,000,000	1.03E-02
52	1.4366	2.9306E-05	4.21E-05	6.05E-04	2.55E-08	9	4.71E-02	1.09E-08	1,000,000	1.09E-02
53	1.52365	2.9306E-05	4.47E-05	6.05E-04	2.70E-08	9	4.71E-02	1.16E-08	1,000,000	1.16E-02
54	1.61813	2.9306E-05	4.74E-05	6.05E-04	2.87E-08	9	4.71E-02	1.23E-08	1,000,000	1.23E-02
55	1.72041	2.9306E-05	5.04E-05	6.05E-04	3.05E-08	9	4.71E-02	1.31E-08	1,000,000	1.31E-02
56	1.83079	2.9306E-05	5.37E-05	6.05E-04	3.25E-08	9	4.71E-02	1.39E-08	1,000,000	1.39E-02
57	1.95117	2.9306E-05	5.72E-05	6.05E-04	3.46E-08	9	4.71E-02	1.48E-08	1,000,000	1.48E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.10E-05	6.05E-04	3.69E-08	9	4.71E-02	1.58E-08	1,000,000	1.58E-02
59	1.14965	2.9306E-05	3.37E-05	6.05E-04	2.04E-08	9	4.71E-02	8.75E-09	1,000,000	8.75E-03
60	1.21135	2.9306E-05	3.55E-05	6.05E-04	2.15E-08	9	4.71E-02	9.21E-09	1,000,000	9.21E-03
61	1.27831	2.9306E-05	3.75E-05	6.05E-04	2.27E-08	9	4.71E-02	9.72E-09	1,000,000	9.72E-03
62	1.35096	2.9306E-05	3.96E-05	6.05E-04	2.40E-08	9	4.71E-02	1.03E-08	1,000,000	1.03E-02
63	1.42972	2.9306E-05	4.19E-05	6.05E-04	2.54E-08	9	4.71E-02	1.09E-08	1,000,000	1.09E-02
64	1.51499	2.9306E-05	4.44E-05	6.05E-04	2.69E-08	9	4.71E-02	1.15E-08	1,000,000	1.15E-02
65	1.6071	2.9306E-05	4.71E-05	6.05E-04	2.85E-08	9	4.71E-02	1.22E-08	1,000,000	1.22E-02
66	1.70632	2.9306E-05	5.00E-05	6.05E-04	3.03E-08	9	4.71E-02	1.30E-08	1,000,000	1.30E-02
67	1.81281	2.9306E-05	5.31E-05	6.05E-04	3.21E-08	9	4.71E-02	1.38E-08	1,000,000	1.38E-02
68	1.92827	2.9306E-05	5.65E-05	6.05E-04	3.42E-08	9	4.71E-02	1.47E-08	1,000,000	1.47E-02
69	2.05106	2.9306E-05	6.01E-05	6.05E-04	3.64E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
70	1.14613	2.9306E-05	3.36E-05	6.05E-04	2.03E-08	9	4.71E-02	8.72E-09	1,000,000	8.72E-03
71	1.20726	2.9306E-05	3.54E-05	6.05E-04	2.14E-08	9	4.71E-02	9.18E-09	1,000,000	9.18E-03
72	1.27341	2.9306E-05	3.73E-05	6.05E-04	2.26E-08	9	4.71E-02	9.69E-09	1,000,000	9.69E-03
73	1.34495	2.9306E-05	3.94E-05	6.05E-04	2.38E-08	9	4.71E-02	1.02E-08	1,000,000	1.02E-02
74	1.42222	2.9306E-05	4.17E-05	6.05E-04	2.52E-08	9	4.71E-02	1.08E-08	1,000,000	1.08E-02
75	1.50552	2.9306E-05	4.41E-05	6.05E-04	2.67E-08	9	4.71E-02	1.15E-08	1,000,000	1.15E-02
76	1.59508	2.9306E-05	4.67E-05	6.05E-04	2.83E-08	9	4.71E-02	1.21E-08	1,000,000	1.21E-02
77	1.69107	2.9306E-05	4.96E-05	6.05E-04	3.00E-08	9	4.71E-02	1.29E-08	1,000,000	1.29E-02
78	1.79354	2.9306E-05	5.26E-05	6.05E-04	3.18E-08	9	4.71E-02	1.36E-08	1,000,000	1.36E-02
79	1.90398	2.9306E-05	5.58E-05	6.05E-04	3.38E-08	9	4.71E-02	1.45E-08	1,000,000	1.45E-02
80	2.02075	2.9306E-05	5.92E-05	6.05E-04	3.58E-08	9	4.71E-02	1.54E-08	1,000,000	1.54E-02
81	1.14248	2.9306E-05	3.35E-05	6.05E-04	2.03E-08	9	4.71E-02	8.69E-09	1,000,000	8.69E-03
82	1.20293	2.9306E-05	3.53E-05	6.05E-04	2.13E-08	9	4.71E-02	9.15E-09	1,000,000	9.15E-03
83	1.26814	2.9306E-05	3.72E-05	6.05E-04	2.25E-08	9	4.71E-02	9.65E-09	1,000,000	9.65E-03
84	1.33843	2.9306E-05	3.92E-05	6.05E-04	2.37E-08	9	4.71E-02	1.02E-08	1,000,000	1.02E-02
85	1.41404	2.9306E-05	4.14E-05	6.05E-04	2.51E-08	9	4.71E-02	1.08E-08	1,000,000	1.08E-02
86	1.49521	2.9306E-05	4.38E-05	6.05E-04	2.65E-08	9	4.71E-02	1.14E-08	1,000,000	1.14E-02
87	1.58207	2.9306E-05	4.64E-05	6.05E-04	2.81E-08	9	4.71E-02	1.20E-08	1,000,000	1.20E-02
88	1.67469	2.9306E-05	4.91E-05	6.05E-04	2.97E-08	9	4.71E-02	1.27E-08	1,000,000	1.27E-02
89	1.77303	2.9306E-05	5.20E-05	6.05E-04	3.14E-08	9	4.71E-02	1.35E-08	1,000,000	1.35E-02
90	1.87844	2.9306E-05	5.50E-05	6.05E-04	3.33E-08	9	4.71E-02	1.43E-08	1,000,000	1.43E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.83E-05	6.05E-04	3.53E-08	9	4.71E-02	1.51E-08	1,000,000	1.51E-02
92	1.13864	2.9306E-05	3.34E-05	6.05E-04	2.02E-08	9	4.71E-02	8.66E-09	1,000,000	8.66E-03
93	1.19829	2.9306E-05	3.51E-05	6.05E-04	2.12E-08	9	4.71E-02	9.12E-09	1,000,000	9.12E-03
94	1.26244	2.9306E-05	3.70E-05	6.05E-04	2.24E-08	9	4.71E-02	9.60E-09	1,000,000	9.60E-03
95	1.33132	2.9306E-05	3.90E-05	6.05E-04	2.36E-08	9	4.71E-02	1.01E-08	1,000,000	1.01E-02
96	1.40514	2.9306E-05	4.12E-05	6.05E-04	2.49E-08	9	4.71E-02	1.07E-08	1,000,000	1.07E-02
97	1.48403	2.9306E-05	4.35E-05	6.05E-04	2.63E-08	9	4.71E-02	1.13E-08	1,000,000	1.13E-02
98	1.56805	2.9306E-05	4.60E-05	6.05E-04	2.78E-08	9	4.71E-02	1.19E-08	1,000,000	1.19E-02
99	1.65721	2.9306E-05	4.86E-05	6.05E-04	2.94E-08	9	4.71E-02	1.26E-08	1,000,000	1.26E-02
100	1.75137	2.9306E-05	5.13E-05	6.05E-04	3.11E-08	9	4.71E-02	1.33E-08	1,000,000	1.33E-02
101	1.85176	2.9306E-05	5.43E-05	6.05E-04	3.28E-08	9	4.71E-02	1.41E-08	1,000,000	1.41E-02
102	1.95668	2.9306E-05	5.73E-05	6.05E-04	3.47E-08	9	4.71E-02	1.49E-08	1,000,000	1.49E-02
103	1.32363	2.9306E-05	3.88E-05	6.05E-04	2.35E-08	9	4.71E-02	1.01E-08	1,000,000	1.01E-02
104	1.39489	2.9306E-05	4.09E-05	6.05E-04	2.47E-08	9	4.71E-02	1.06E-08	1,000,000	1.06E-02
105	1.47403	2.9306E-05	4.32E-05	6.05E-04	2.61E-08	9	4.71E-02	1.12E-08	1,000,000	1.12E-02
106	1.55654	2.9306E-05	4.56E-05	6.05E-04	2.76E-08	9	4.71E-02	1.18E-08	1,000,000	1.18E-02
107	1.63868	2.9306E-05	4.80E-05	6.05E-04	2.91E-08	9	4.71E-02	1.25E-08	1,000,000	1.25E-02
108	1.72864	2.9306E-05	5.07E-05	6.05E-04	3.07E-08	9	4.71E-02	1.31E-08	1,000,000	1.31E-02
109	1.82407	2.9306E-05	5.35E-05	6.05E-04	3.23E-08	9	4.71E-02	1.39E-08	1,000,000	1.39E-02
110	1.92326	2.9306E-05	5.64E-05	6.05E-04	3.41E-08	9	4.71E-02	1.46E-08	1,000,000	1.46E-02
111	1.25798	2.9306E-05	3.69E-05	6.05E-04	2.23E-08	9	4.71E-02	9.57E-09	1,000,000	9.57E-03
112	1.188	2.9306E-05	3.48E-05	6.05E-04	2.11E-08	9	4.71E-02	9.04E-09	1,000,000	9.04E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.23903	2.93E-05	7.00E-06	2.50E-04	1.75E-09	14	1.15E-02	2.82E-10	1000000.0	2.8E-04
2	0.24866	2.9306E-05	7.29E-06	2.50E-04	1.82E-09	14	1.15E-02	2.93E-10	1,000,000	2.93E-04
3	0.25923	2.9306E-05	7.60E-06	2.50E-04	1.90E-09	14	1.15E-02	3.05E-10	1,000,000	3.05E-04
4	0.27028	2.9306E-05	7.92E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
5	0.28231	2.9306E-05	8.27E-06	2.50E-04	2.07E-09	14	1.15E-02	3.33E-10	1,000,000	3.33E-04
6	0.23863	2.9306E-05	6.99E-06	2.50E-04	1.75E-09	14	1.15E-02	2.81E-10	1,000,000	2.81E-04
7	0.24823	2.9306E-05	7.27E-06	2.50E-04	1.82E-09	14	1.15E-02	2.92E-10	1,000,000	2.92E-04
8	0.2586	2.9306E-05	7.58E-06	2.50E-04	1.90E-09	14	1.15E-02	3.05E-10	1,000,000	3.05E-04
9	0.27005	2.9306E-05	7.91E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
10	0.28201	2.9306E-05	8.26E-06	2.50E-04	2.07E-09	14	1.15E-02	3.32E-10	1,000,000	3.32E-04
11	0.23808	2.9306E-05	6.98E-06	2.50E-04	1.75E-09	14	1.15E-02	2.80E-10	1,000,000	2.80E-04
12	0.24773	2.9306E-05	7.26E-06	2.50E-04	1.82E-09	14	1.15E-02	2.92E-10	1,000,000	2.92E-04
13	0.25817	2.9306E-05	7.57E-06	2.50E-04	1.89E-09	14	1.15E-02	3.04E-10	1,000,000	3.04E-04
14	0.2697	2.9306E-05	7.90E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
15	0.2817	2.9306E-05	8.26E-06	2.50E-04	2.07E-09	14	1.15E-02	3.32E-10	1,000,000	3.32E-04
16	0.23757	2.9306E-05	6.96E-06	2.50E-04	1.74E-09	14	1.15E-02	2.80E-10	1,000,000	2.80E-04
17	0.24734	2.9306E-05	7.25E-06	2.50E-04	1.81E-09	14	1.15E-02	2.91E-10	1,000,000	2.91E-04
18	0.25776	2.9306E-05	7.55E-06	2.50E-04	1.89E-09	14	1.15E-02	3.04E-10	1,000,000	3.04E-04
19	0.2688	2.9306E-05	7.88E-06	2.50E-04	1.97E-09	14	1.15E-02	3.17E-10	1,000,000	3.17E-04
20	0.28086	2.9306E-05	8.23E-06	2.50E-04	2.06E-09	14	1.15E-02	3.31E-10	1,000,000	3.31E-04
21	0.23719	2.9306E-05	6.95E-06	2.50E-04	1.74E-09	14	1.15E-02	2.79E-10	1,000,000	2.79E-04
22	0.24694	2.9306E-05	7.24E-06	2.50E-04	1.81E-09	14	1.15E-02	2.91E-10	1,000,000	2.91E-04
23	0.25738	2.9306E-05	7.54E-06	2.50E-04	1.89E-09	14	1.15E-02	3.03E-10	1,000,000	3.03E-04
24	0.26848	2.9306E-05	7.87E-06	2.50E-04	1.97E-09	14	1.15E-02	3.16E-10	1,000,000	3.16E-04
25	0.28015	2.9306E-05	8.21E-06	2.50E-04	2.05E-09	14	1.15E-02	3.30E-10	1,000,000	3.30E-04
113	10.26883	2.9306E-05	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
114	10.26908	2.9306E-05	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
115	10.0116	2.9306E-05	2.93E-04	2.50E-04	7.34E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
116	9.46476	2.9306E-05	2.77E-04	2.50E-04	6.94E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
117	8.47048	2.9306E-05	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.98E-09	1,000,000	9.98E-03
118	8.40203	2.9306E-05	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
119	8.13133	2.9306E-05	2.38E-04	2.50E-04	5.96E-08	14	1.15E-02	9.58E-09	1,000,000	9.58E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	2.24E-04	2.50E-04	5.62E-08	14	1.15E-02	9.02E-09	1,000,000	9.02E-03
121	7.09845	2.9306E-05	2.08E-04	2.50E-04	5.21E-08	14	1.15E-02	8.36E-09	1,000,000	8.36E-03
122	6.99295	2.9306E-05	2.05E-04	2.50E-04	5.13E-08	14	1.15E-02	8.24E-09	1,000,000	8.24E-03
123	6.734	2.9306E-05	1.97E-04	2.50E-04	4.94E-08	14	1.15E-02	7.93E-09	1,000,000	7.93E-03
124	6.3318	2.9306E-05	1.86E-04	2.50E-04	4.64E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
125	6.02844	2.9306E-05	1.77E-04	2.50E-04	4.42E-08	14	1.15E-02	7.10E-09	1,000,000	7.10E-03
126	5.90661	2.9306E-05	1.73E-04	2.50E-04	4.33E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
127	5.67005	2.9306E-05	1.66E-04	2.50E-04	4.16E-08	14	1.15E-02	6.68E-09	1,000,000	6.68E-03
128	5.33314	2.9306E-05	1.56E-04	2.50E-04	3.91E-08	14	1.15E-02	6.28E-09	1,000,000	6.28E-03
129	5.17938	2.9306E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
130	5.05384	2.9306E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
131	4.84284	2.9306E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
132	4.56081	2.9306E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
133	4.49582	2.9306E-05	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
134	4.37376	2.9306E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
135	4.18782	2.9306E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.93E-09	1,000,000	4.93E-03
136	3.95087	2.9306E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.65E-09	1,000,000	4.65E-03
137	3.93847	2.9306E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
138	3.66063	2.9306E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.31E-09	1,000,000	4.31E-03
139	3.46046	2.9306E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
140	2.7735	2.9306E-05	8.13E-05	2.50E-04	2.03E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
141	2.68568	2.9306E-05	7.87E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
142	2.57604	2.9306E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
143	2.45052	2.9306E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
144	2.50002	2.9306E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
145	2.42061	2.9306E-05	7.09E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
146	2.32408	2.9306E-05	6.81E-05	2.50E-04	1.70E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
147	2.21525	2.9306E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
148	2.26605	2.9306E-05	6.64E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1,000,000	2.67E-03
149	2.19435	2.9306E-05	6.43E-05	2.50E-04	1.61E-08	14	1.15E-02	2.58E-09	1,000,000	2.58E-03
150	2.10907	2.9306E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
151	2.01413	2.9306E-05	5.90E-05	2.50E-04	1.48E-08	14	1.15E-02	2.37E-09	1,000,000	2.37E-03
152	2.0644	2.9306E-05	6.05E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.86E-05	2.50E-04	1.47E-08	14	1.15E-02	2.36E-09	1,000,000	2.36E-03
154	1.92405	2.9306E-05	5.64E-05	2.50E-04	1.41E-08	14	1.15E-02	2.27E-09	1,000,000	2.27E-03
155	1.84075	2.9306E-05	5.39E-05	2.50E-04	1.35E-08	14	1.15E-02	2.17E-09	1,000,000	2.17E-03
156	1.88942	2.9306E-05	5.54E-05	2.50E-04	1.39E-08	14	1.15E-02	2.23E-09	1,000,000	2.23E-03
157	1.83092	2.9306E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
158	1.76361	2.9306E-05	5.17E-05	2.50E-04	1.29E-08	14	1.15E-02	2.08E-09	1,000,000	2.08E-03
159	1.69014	2.9306E-05	4.95E-05	2.50E-04	1.24E-08	14	1.15E-02	1.99E-09	1,000,000	1.99E-03
160	1.7366	2.9306E-05	5.09E-05	2.50E-04	1.27E-08	14	1.15E-02	2.05E-09	1,000,000	2.05E-03
161	1.68366	2.9306E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
162	1.62354	2.9306E-05	4.76E-05	2.50E-04	1.19E-08	14	1.15E-02	1.91E-09	1,000,000	1.91E-03
163	1.55854	2.9306E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
164	1.60237	2.9306E-05	4.70E-05	2.50E-04	1.18E-08	14	1.15E-02	1.89E-09	1,000,000	1.89E-03
165	1.55437	2.9306E-05	4.56E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
166	1.50092	2.9306E-05	4.40E-05	2.50E-04	1.10E-08	14	1.15E-02	1.77E-09	1,000,000	1.77E-03
167	1.44292	2.9306E-05	4.23E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
168	1.48381	2.9306E-05	4.35E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
169	1.44022	2.9306E-05	4.22E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
170	1.39215	2.9306E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
171	1.34022	2.9306E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
172	1.37858	2.9306E-05	4.04E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
173	1.33889	2.9306E-05	3.92E-05	2.50E-04	9.82E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
174	1.29546	2.9306E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
175	1.24883	2.9306E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
176	1.28473	2.9306E-05	3.76E-05	2.50E-04	9.42E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
177	1.24852	2.9306E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
178	1.20918	2.9306E-05	3.54E-05	2.50E-04	8.87E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
179	1.16712	2.9306E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
180	1.20066	2.9306E-05	3.52E-05	2.50E-04	8.81E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
181	1.1677	2.9306E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
182	1.13182	2.9306E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
183	1.09374	2.9306E-05	3.21E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
184	1.51451	2.9306E-05	4.44E-05	2.50E-04	1.11E-08	14	1.15E-02	1.78E-09	1,000,000	1.78E-03
185	1.21641	2.9306E-05	3.56E-05	2.50E-04	8.92E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.50E-05	2.50E-04	8.75E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
187	1.16538	2.9306E-05	3.42E-05	2.50E-04	8.55E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
188	1.13417	2.9306E-05	3.32E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
189	1.15812	2.9306E-05	3.39E-05	2.50E-04	8.49E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
190	1.14085	2.9306E-05	3.34E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
191	1.119	2.9306E-05	3.28E-05	2.50E-04	8.21E-09	14	1.15E-02	1.32E-09	1,000,000	1.32E-03
192	1.09328	2.9306E-05	3.20E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
193	1.06472	2.9306E-05	3.12E-05	2.50E-04	7.81E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
194	1.08904	2.9306E-05	3.19E-05	2.50E-04	7.99E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
195	1.07244	2.9306E-05	3.14E-05	2.50E-04	7.87E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
196	1.05197	2.9306E-05	3.08E-05	2.50E-04	7.72E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
197	1.02834	2.9306E-05	3.01E-05	2.50E-04	7.54E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
198	1.00181	2.9306E-05	2.94E-05	2.50E-04	7.35E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
199	1.02614	2.9306E-05	3.01E-05	2.50E-04	7.53E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
200	1.01029	2.9306E-05	2.96E-05	2.50E-04	7.41E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
201	0.99118	2.9306E-05	2.90E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
202	0.96916	2.9306E-05	2.84E-05	2.50E-04	7.11E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
203	0.94467	2.9306E-05	2.77E-05	2.50E-04	6.93E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
204	0.99228	2.9306E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
205	0.96877	2.9306E-05	2.84E-05	2.50E-04	7.11E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
206	0.95366	2.9306E-05	2.79E-05	2.50E-04	6.99E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
207	0.93583	2.9306E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
208	0.91526	2.9306E-05	2.68E-05	2.50E-04	6.71E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
209	0.94133	2.9306E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
210	0.9405	2.9306E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
211	0.93594	2.9306E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
212	0.92773	2.9306E-05	2.72E-05	2.50E-04	6.80E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
213	0.91629	2.9306E-05	2.69E-05	2.50E-04	6.72E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
214	0.90207	2.9306E-05	2.64E-05	2.50E-04	6.62E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
215	0.88519	2.9306E-05	2.59E-05	2.50E-04	6.49E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
216	0.84666	2.9306E-05	2.48E-05	2.50E-04	6.21E-09	14	1.15E-02	9.97E-10	1,000,000	9.97E-04
217	0.8501	2.9306E-05	2.49E-05	2.50E-04	6.23E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
218	0.85085	2.9306E-05	2.49E-05	2.50E-04	6.24E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.49E-05	2.50E-04	6.22E-09	14	1.15E-02	9.99E-10	1,000,000	9.99E-04
220	0.84291	2.9306E-05	2.47E-05	2.50E-04	6.18E-09	14	1.15E-02	9.93E-10	1,000,000	9.93E-04
221	0.83481	2.9306E-05	2.45E-05	2.50E-04	6.12E-09	14	1.15E-02	9.83E-10	1,000,000	9.83E-04
222	0.80807	2.9306E-05	2.37E-05	2.50E-04	5.93E-09	14	1.15E-02	9.52E-10	1,000,000	9.52E-04
223	0.81056	2.9306E-05	2.38E-05	2.50E-04	5.94E-09	14	1.15E-02	9.55E-10	1,000,000	9.55E-04
224	0.81026	2.9306E-05	2.37E-05	2.50E-04	5.94E-09	14	1.15E-02	9.54E-10	1,000,000	9.54E-04
225	0.80716	2.9306E-05	2.37E-05	2.50E-04	5.92E-09	14	1.15E-02	9.51E-10	1,000,000	9.51E-04
226	0.80167	2.9306E-05	2.35E-05	2.50E-04	5.88E-09	14	1.15E-02	9.44E-10	1,000,000	9.44E-04
227	0.77207	2.9306E-05	2.26E-05	2.50E-04	5.66E-09	14	1.15E-02	9.09E-10	1,000,000	9.09E-04
228	0.77365	2.9306E-05	2.27E-05	2.50E-04	5.67E-09	14	1.15E-02	9.11E-10	1,000,000	9.11E-04
229	0.77256	2.9306E-05	2.26E-05	2.50E-04	5.67E-09	14	1.15E-02	9.10E-10	1,000,000	9.10E-04
230	0.76922	2.9306E-05	2.25E-05	2.50E-04	5.64E-09	14	1.15E-02	9.06E-10	1,000,000	9.06E-04
231	0.73846	2.9306E-05	2.16E-05	2.50E-04	5.42E-09	14	1.15E-02	8.70E-10	1,000,000	8.70E-04
232	0.73907	2.9306E-05	2.17E-05	2.50E-04	5.42E-09	14	1.15E-02	8.71E-10	1,000,000	8.71E-04
233	0.73748	2.9306E-05	2.16E-05	2.50E-04	5.41E-09	14	1.15E-02	8.69E-10	1,000,000	8.69E-04
234	0.73384	2.9306E-05	2.15E-05	2.50E-04	5.38E-09	14	1.15E-02	8.64E-10	1,000,000	8.64E-04
235	0.70683	2.9306E-05	2.07E-05	2.50E-04	5.18E-09	14	1.15E-02	8.33E-10	1,000,000	8.33E-04
236	0.70677	2.9306E-05	2.07E-05	2.50E-04	5.18E-09	14	1.15E-02	8.33E-10	1,000,000	8.33E-04
237	0.70485	2.9306E-05	2.07E-05	2.50E-04	5.17E-09	14	1.15E-02	8.30E-10	1,000,000	8.30E-04
238	0.70091	2.9306E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.26E-10	1,000,000	8.26E-04
239	0.67715	2.9306E-05	1.98E-05	2.50E-04	4.97E-09	14	1.15E-02	7.98E-10	1,000,000	7.98E-04
240	0.6766	2.9306E-05	1.98E-05	2.50E-04	4.96E-09	14	1.15E-02	7.97E-10	1,000,000	7.97E-04
241	0.67434	2.9306E-05	1.98E-05	2.50E-04	4.95E-09	14	1.15E-02	7.94E-10	1,000,000	7.94E-04
242	0.67024	2.9306E-05	1.96E-05	2.50E-04	4.92E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
243	0.61099	2.9306E-05	1.79E-05	2.50E-04	4.48E-09	14	1.15E-02	7.20E-10	1,000,000	7.20E-04
244	0.62331	2.9306E-05	1.83E-05	2.50E-04	4.57E-09	14	1.15E-02	7.34E-10	1,000,000	7.34E-04
245	0.6341	2.9306E-05	1.86E-05	2.50E-04	4.65E-09	14	1.15E-02	7.47E-10	1,000,000	7.47E-04
246	0.6433	2.9306E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.58E-10	1,000,000	7.58E-04
247	0.65102	2.9306E-05	1.91E-05	2.50E-04	4.77E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04
248	0.65671	2.9306E-05	1.92E-05	2.50E-04	4.82E-09	14	1.15E-02	7.74E-10	1,000,000	7.74E-04
249	0.66065	2.9306E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.78E-10	1,000,000	7.78E-04
250	0.59182	2.9306E-05	1.73E-05	2.50E-04	4.34E-09	14	1.15E-02	6.97E-10	1,000,000	6.97E-04
251	0.60273	2.9306E-05	1.77E-05	2.50E-04	4.42E-09	14	1.15E-02	7.10E-10	1,000,000	7.10E-04

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.79E-05	2.50E-04	4.49E-09	14	1.15E-02	7.21E-10	1,000,000	7.21E-04
253	0.62017	2.9306E-05	1.82E-05	2.50E-04	4.55E-09	14	1.15E-02	7.31E-10	1,000,000	7.31E-04
254	0.62678	2.9306E-05	1.84E-05	2.50E-04	4.60E-09	14	1.15E-02	7.38E-10	1,000,000	7.38E-04
255	0.63152	2.9306E-05	1.85E-05	2.50E-04	4.63E-09	14	1.15E-02	7.44E-10	1,000,000	7.44E-04
256	0.63481	2.9306E-05	1.86E-05	2.50E-04	4.66E-09	14	1.15E-02	7.48E-10	1,000,000	7.48E-04
257	0.57329	2.9306E-05	1.68E-05	2.50E-04	4.20E-09	14	1.15E-02	6.75E-10	1,000,000	6.75E-04
258	0.58294	2.9306E-05	1.71E-05	2.50E-04	4.28E-09	14	1.15E-02	6.87E-10	1,000,000	6.87E-04
259	0.59123	2.9306E-05	1.73E-05	2.50E-04	4.34E-09	14	1.15E-02	6.96E-10	1,000,000	6.96E-04
260	0.59811	2.9306E-05	1.75E-05	2.50E-04	4.39E-09	14	1.15E-02	7.05E-10	1,000,000	7.05E-04
261	0.60374	2.9306E-05	1.77E-05	2.50E-04	4.43E-09	14	1.15E-02	7.11E-10	1,000,000	7.11E-04
262	0.60767	2.9306E-05	1.78E-05	2.50E-04	4.46E-09	14	1.15E-02	7.16E-10	1,000,000	7.16E-04
263	0.61021	2.9306E-05	1.79E-05	2.50E-04	4.48E-09	14	1.15E-02	7.19E-10	1,000,000	7.19E-04
264	0.55511	2.9306E-05	1.63E-05	2.50E-04	4.07E-09	14	1.15E-02	6.54E-10	1,000,000	6.54E-04
265	0.56387	2.9306E-05	1.65E-05	2.50E-04	4.14E-09	14	1.15E-02	6.64E-10	1,000,000	6.64E-04
266	0.57117	2.9306E-05	1.67E-05	2.50E-04	4.19E-09	14	1.15E-02	6.73E-10	1,000,000	6.73E-04
267	0.57709	2.9306E-05	1.69E-05	2.50E-04	4.23E-09	14	1.15E-02	6.80E-10	1,000,000	6.80E-04
268	0.58165	2.9306E-05	1.70E-05	2.50E-04	4.27E-09	14	1.15E-02	6.85E-10	1,000,000	6.85E-04
269	0.58494	2.9306E-05	1.71E-05	2.50E-04	4.29E-09	14	1.15E-02	6.89E-10	1,000,000	6.89E-04
270	0.58693	2.9306E-05	1.72E-05	2.50E-04	4.30E-09	14	1.15E-02	6.91E-10	1,000,000	6.91E-04
271	0.53786	2.9306E-05	1.58E-05	2.50E-04	3.94E-09	14	1.15E-02	6.34E-10	1,000,000	6.34E-04
272	0.54561	2.9306E-05	1.60E-05	2.50E-04	4.00E-09	14	1.15E-02	6.43E-10	1,000,000	6.43E-04
273	0.55199	2.9306E-05	1.62E-05	2.50E-04	4.05E-09	14	1.15E-02	6.50E-10	1,000,000	6.50E-04
274	0.55708	2.9306E-05	1.63E-05	2.50E-04	4.09E-09	14	1.15E-02	6.56E-10	1,000,000	6.56E-04
275	0.56091	2.9306E-05	1.64E-05	2.50E-04	4.11E-09	14	1.15E-02	6.61E-10	1,000,000	6.61E-04
276	0.56347	2.9306E-05	1.65E-05	2.50E-04	4.13E-09	14	1.15E-02	6.64E-10	1,000,000	6.64E-04
277	0.56502	2.9306E-05	1.66E-05	2.50E-04	4.14E-09	14	1.15E-02	6.66E-10	1,000,000	6.66E-04
278	0.40049	2.9306E-05	1.17E-05	2.50E-04	2.94E-09	14	1.15E-02	4.72E-10	1,000,000	4.72E-04
279	0.40854	2.9306E-05	1.20E-05	2.50E-04	3.00E-09	14	1.15E-02	4.81E-10	1,000,000	4.81E-04
280	0.42913	2.9306E-05	1.26E-05	2.50E-04	3.15E-09	14	1.15E-02	5.05E-10	1,000,000	5.05E-04
281	0.42673	2.9306E-05	1.25E-05	2.50E-04	3.13E-09	14	1.15E-02	5.03E-10	1,000,000	5.03E-04
282	0.44615	2.9306E-05	1.31E-05	2.50E-04	3.27E-09	14	1.15E-02	5.26E-10	1,000,000	5.26E-04
283	0.40868	2.9306E-05	1.20E-05	2.50E-04	3.00E-09	14	1.15E-02	4.81E-10	1,000,000	4.81E-04

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Receptors				
26	1.16028	2.9306E-05	3.40E-05	2.50E-04	8.51E-09	29	1.15E-02	2.87E-09	1,000,000	2.87E-03
27	1.22306	2.9306E-05	3.58E-05	2.50E-04	8.97E-09	29	1.15E-02	3.02E-09	1,000,000	3.02E-03
28	1.29166	2.9306E-05	3.79E-05	2.50E-04	9.47E-09	29	1.15E-02	3.19E-09	1,000,000	3.19E-03
29	1.36671	2.9306E-05	4.01E-05	2.50E-04	1.00E-08	29	1.15E-02	3.37E-09	1,000,000	3.37E-03
30	1.44889	2.9306E-05	4.25E-05	2.50E-04	1.06E-08	29	1.15E-02	3.58E-09	1,000,000	3.58E-03
31	1.53889	2.9306E-05	4.51E-05	2.50E-04	1.13E-08	29	1.15E-02	3.80E-09	1,000,000	3.80E-03
32	1.63742	2.9306E-05	4.80E-05	2.50E-04	1.20E-08	29	1.15E-02	4.04E-09	1,000,000	4.04E-03
33	1.74516	2.9306E-05	5.11E-05	2.50E-04	1.28E-08	29	1.15E-02	4.31E-09	1,000,000	4.31E-03
34	1.86272	2.9306E-05	5.46E-05	2.50E-04	1.37E-08	29	1.15E-02	4.60E-09	1,000,000	4.60E-03
35	1.99249	2.9306E-05	5.84E-05	2.50E-04	1.46E-08	29	1.15E-02	4.92E-09	1,000,000	4.92E-03
36	2.13318	2.9306E-05	6.25E-05	2.50E-04	1.56E-08	29	1.15E-02	5.27E-09	1,000,000	5.27E-03
37	1.15665	2.9306E-05	3.39E-05	2.50E-04	8.48E-09	29	1.15E-02	2.86E-09	1,000,000	2.86E-03
38	1.21916	2.9306E-05	3.57E-05	2.50E-04	8.94E-09	29	1.15E-02	3.01E-09	1,000,000	3.01E-03
39	1.28733	2.9306E-05	3.77E-05	2.50E-04	9.44E-09	29	1.15E-02	3.18E-09	1,000,000	3.18E-03
40	1.36174	2.9306E-05	3.99E-05	2.50E-04	9.99E-09	29	1.15E-02	3.36E-09	1,000,000	3.36E-03
41	1.44296	2.9306E-05	4.23E-05	2.50E-04	1.06E-08	29	1.15E-02	3.56E-09	1,000,000	3.56E-03
42	1.53159	2.9306E-05	4.49E-05	2.50E-04	1.12E-08	29	1.15E-02	3.78E-09	1,000,000	3.78E-03
43	1.62821	2.9306E-05	4.77E-05	2.50E-04	1.19E-08	29	1.15E-02	4.02E-09	1,000,000	4.02E-03
44	1.73334	2.9306E-05	5.08E-05	2.50E-04	1.27E-08	29	1.15E-02	4.28E-09	1,000,000	4.28E-03
45	1.84743	2.9306E-05	5.41E-05	2.50E-04	1.35E-08	29	1.15E-02	4.56E-09	1,000,000	4.56E-03
46	1.9726	2.9306E-05	5.78E-05	2.50E-04	1.45E-08	29	1.15E-02	4.87E-09	1,000,000	4.87E-03
47	2.10743	2.9306E-05	6.18E-05	2.50E-04	1.55E-08	29	1.15E-02	5.20E-09	1,000,000	5.20E-03
48	1.15313	2.9306E-05	3.38E-05	2.50E-04	8.46E-09	29	1.15E-02	2.85E-09	1,000,000	2.85E-03
49	1.21529	2.9306E-05	3.56E-05	2.50E-04	8.91E-09	29	1.15E-02	3.00E-09	1,000,000	3.00E-03
50	1.28292	2.9306E-05	3.76E-05	2.50E-04	9.41E-09	29	1.15E-02	3.17E-09	1,000,000	3.17E-03
51	1.35652	2.9306E-05	3.98E-05	2.50E-04	9.95E-09	29	1.15E-02	3.35E-09	1,000,000	3.35E-03
52	1.4366	2.9306E-05	4.21E-05	2.50E-04	1.05E-08	29	1.15E-02	3.55E-09	1,000,000	3.55E-03
53	1.52365	2.9306E-05	4.47E-05	2.50E-04	1.12E-08	29	1.15E-02	3.76E-09	1,000,000	3.76E-03
54	1.61813	2.9306E-05	4.74E-05	2.50E-04	1.19E-08	29	1.15E-02	4.00E-09	1,000,000	4.00E-03
55	1.72041	2.9306E-05	5.04E-05	2.50E-04	1.26E-08	29	1.15E-02	4.25E-09	1,000,000	4.25E-03
56	1.83079	2.9306E-05	5.37E-05	2.50E-04	1.34E-08	29	1.15E-02	4.52E-09	1,000,000	4.52E-03
57	1.95117	2.9306E-05	5.72E-05	2.50E-04	1.43E-08	29	1.15E-02	4.82E-09	1,000,000	4.82E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.10E-05	2.50E-04	1.53E-08	29	1.15E-02	5.14E-09	1,000,000	5.14E-03
59	1.14965	2.9306E-05	3.37E-05	2.50E-04	8.43E-09	29	1.15E-02	2.84E-09	1,000,000	2.84E-03
60	1.21135	2.9306E-05	3.55E-05	2.50E-04	8.88E-09	29	1.15E-02	2.99E-09	1,000,000	2.99E-03
61	1.27831	2.9306E-05	3.75E-05	2.50E-04	9.38E-09	29	1.15E-02	3.16E-09	1,000,000	3.16E-03
62	1.35096	2.9306E-05	3.96E-05	2.50E-04	9.91E-09	29	1.15E-02	3.34E-09	1,000,000	3.34E-03
63	1.42972	2.9306E-05	4.19E-05	2.50E-04	1.05E-08	29	1.15E-02	3.53E-09	1,000,000	3.53E-03
64	1.51499	2.9306E-05	4.44E-05	2.50E-04	1.11E-08	29	1.15E-02	3.74E-09	1,000,000	3.74E-03
65	1.6071	2.9306E-05	4.71E-05	2.50E-04	1.18E-08	29	1.15E-02	3.97E-09	1,000,000	3.97E-03
66	1.70632	2.9306E-05	5.00E-05	2.50E-04	1.25E-08	29	1.15E-02	4.21E-09	1,000,000	4.21E-03
67	1.81281	2.9306E-05	5.31E-05	2.50E-04	1.33E-08	29	1.15E-02	4.48E-09	1,000,000	4.48E-03
68	1.92827	2.9306E-05	5.65E-05	2.50E-04	1.41E-08	29	1.15E-02	4.76E-09	1,000,000	4.76E-03
69	2.05106	2.9306E-05	6.01E-05	2.50E-04	1.50E-08	29	1.15E-02	5.06E-09	1,000,000	5.06E-03
70	1.14613	2.9306E-05	3.36E-05	2.50E-04	8.41E-09	29	1.15E-02	2.83E-09	1,000,000	2.83E-03
71	1.20726	2.9306E-05	3.54E-05	2.50E-04	8.85E-09	29	1.15E-02	2.98E-09	1,000,000	2.98E-03
72	1.27341	2.9306E-05	3.73E-05	2.50E-04	9.34E-09	29	1.15E-02	3.14E-09	1,000,000	3.14E-03
73	1.34495	2.9306E-05	3.94E-05	2.50E-04	9.86E-09	29	1.15E-02	3.32E-09	1,000,000	3.32E-03
74	1.42222	2.9306E-05	4.17E-05	2.50E-04	1.04E-08	29	1.15E-02	3.51E-09	1,000,000	3.51E-03
75	1.50552	2.9306E-05	4.41E-05	2.50E-04	1.10E-08	29	1.15E-02	3.72E-09	1,000,000	3.72E-03
76	1.59508	2.9306E-05	4.67E-05	2.50E-04	1.17E-08	29	1.15E-02	3.94E-09	1,000,000	3.94E-03
77	1.69107	2.9306E-05	4.96E-05	2.50E-04	1.24E-08	29	1.15E-02	4.18E-09	1,000,000	4.18E-03
78	1.79354	2.9306E-05	5.26E-05	2.50E-04	1.32E-08	29	1.15E-02	4.43E-09	1,000,000	4.43E-03
79	1.90398	2.9306E-05	5.58E-05	2.50E-04	1.40E-08	29	1.15E-02	4.70E-09	1,000,000	4.70E-03
80	2.02075	2.9306E-05	5.92E-05	2.50E-04	1.48E-08	29	1.15E-02	4.99E-09	1,000,000	4.99E-03
81	1.14248	2.9306E-05	3.35E-05	2.50E-04	8.38E-09	29	1.15E-02	2.82E-09	1,000,000	2.82E-03
82	1.20293	2.9306E-05	3.53E-05	2.50E-04	8.82E-09	29	1.15E-02	2.97E-09	1,000,000	2.97E-03
83	1.26814	2.9306E-05	3.72E-05	2.50E-04	9.30E-09	29	1.15E-02	3.13E-09	1,000,000	3.13E-03
84	1.33843	2.9306E-05	3.92E-05	2.50E-04	9.82E-09	29	1.15E-02	3.31E-09	1,000,000	3.31E-03
85	1.41404	2.9306E-05	4.14E-05	2.50E-04	1.04E-08	29	1.15E-02	3.49E-09	1,000,000	3.49E-03
86	1.49521	2.9306E-05	4.38E-05	2.50E-04	1.10E-08	29	1.15E-02	3.69E-09	1,000,000	3.69E-03
87	1.58207	2.9306E-05	4.64E-05	2.50E-04	1.16E-08	29	1.15E-02	3.91E-09	1,000,000	3.91E-03
88	1.67469	2.9306E-05	4.91E-05	2.50E-04	1.23E-08	29	1.15E-02	4.14E-09	1,000,000	4.14E-03
89	1.77303	2.9306E-05	5.20E-05	2.50E-04	1.30E-08	29	1.15E-02	4.38E-09	1,000,000	4.38E-03
90	1.87844	2.9306E-05	5.50E-05	2.50E-04	1.38E-08	29	1.15E-02	4.64E-09	1,000,000	4.64E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.83E-05	2.50E-04	1.46E-08	29	1.15E-02	4.91E-09	1,000,000	4.91E-03
92	1.13864	2.9306E-05	3.34E-05	2.50E-04	8.35E-09	29	1.15E-02	2.81E-09	1,000,000	2.81E-03
93	1.19829	2.9306E-05	3.51E-05	2.50E-04	8.79E-09	29	1.15E-02	2.96E-09	1,000,000	2.96E-03
94	1.26244	2.9306E-05	3.70E-05	2.50E-04	9.26E-09	29	1.15E-02	3.12E-09	1,000,000	3.12E-03
95	1.33132	2.9306E-05	3.90E-05	2.50E-04	9.76E-09	29	1.15E-02	3.29E-09	1,000,000	3.29E-03
96	1.40514	2.9306E-05	4.12E-05	2.50E-04	1.03E-08	29	1.15E-02	3.47E-09	1,000,000	3.47E-03
97	1.48403	2.9306E-05	4.35E-05	2.50E-04	1.09E-08	29	1.15E-02	3.66E-09	1,000,000	3.66E-03
98	1.56805	2.9306E-05	4.60E-05	2.50E-04	1.15E-08	29	1.15E-02	3.87E-09	1,000,000	3.87E-03
99	1.65721	2.9306E-05	4.86E-05	2.50E-04	1.22E-08	29	1.15E-02	4.09E-09	1,000,000	4.09E-03
100	1.75137	2.9306E-05	5.13E-05	2.50E-04	1.28E-08	29	1.15E-02	4.32E-09	1,000,000	4.32E-03
101	1.85176	2.9306E-05	5.43E-05	2.50E-04	1.36E-08	29	1.15E-02	4.57E-09	1,000,000	4.57E-03
102	1.95668	2.9306E-05	5.73E-05	2.50E-04	1.44E-08	29	1.15E-02	4.83E-09	1,000,000	4.83E-03
103	1.32363	2.9306E-05	3.88E-05	2.50E-04	9.71E-09	29	1.15E-02	3.27E-09	1,000,000	3.27E-03
104	1.39489	2.9306E-05	4.09E-05	2.50E-04	1.02E-08	29	1.15E-02	3.44E-09	1,000,000	3.44E-03
105	1.47403	2.9306E-05	4.32E-05	2.50E-04	1.08E-08	29	1.15E-02	3.64E-09	1,000,000	3.64E-03
106	1.55654	2.9306E-05	4.56E-05	2.50E-04	1.14E-08	29	1.15E-02	3.84E-09	1,000,000	3.84E-03
107	1.63868	2.9306E-05	4.80E-05	2.50E-04	1.20E-08	29	1.15E-02	4.05E-09	1,000,000	4.05E-03
108	1.72864	2.9306E-05	5.07E-05	2.50E-04	1.27E-08	29	1.15E-02	4.27E-09	1,000,000	4.27E-03
109	1.82407	2.9306E-05	5.35E-05	2.50E-04	1.34E-08	29	1.15E-02	4.50E-09	1,000,000	4.50E-03
110	1.92326	2.9306E-05	5.64E-05	2.50E-04	1.41E-08	29	1.15E-02	4.75E-09	1,000,000	4.75E-03
111	1.25798	2.9306E-05	3.69E-05	2.50E-04	9.23E-09	29	1.15E-02	3.11E-09	1,000,000	3.11E-03
112	1.188	2.9306E-05	3.48E-05	2.50E-04	8.71E-09	29	1.15E-02	2.93E-09	1,000,000	2.93E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	4.6E-03	School	0.0162	36	5	4.20E-06	0.00004	36	School
2	4.8E-03	Res	0.1990	114	5	4.37E-06	0.0002	114	Res
3	5.0E-03	Teachers	0.005	36	5	4.56E-06	0.00004	36	Teachers
4	5.2E-03				5	4.75E-06			
5	5.5E-03				5	4.96E-06			
6	4.6E-03				5	4.20E-06			
7	4.8E-03				5	4.36E-06			
8	5.0E-03				5	4.55E-06			
9	5.2E-03				5	4.75E-06			
10	5.5E-03				5	4.96E-06			
11	4.6E-03				5	4.19E-06			
12	4.8E-03				5	4.36E-06			
13	5.0E-03				5	4.54E-06			
14	5.2E-03				5	4.74E-06			
15	5.5E-03				5	4.95E-06			
16	4.6E-03				5	4.18E-06			
17	4.8E-03				5	4.35E-06			
18	5.0E-03				5	4.53E-06			
19	5.2E-03				5	4.73E-06			
20	5.4E-03				5	4.94E-06			
21	4.6E-03				5	4.17E-06			
22	4.8E-03				5	4.34E-06			
23	5.0E-03				5	4.53E-06			
24	5.2E-03				5	4.72E-06			
25	5.4E-03				5	4.93E-06			
113	2.0E-01				5	1.81E-04			
114	2.0E-01				5	1.81E-04			
115	1.9E-01				5	1.76E-04			
116	1.8E-01				5	1.66E-04			
117	1.6E-01				5	1.49E-04			
118	1.6E-01				5	1.48E-04			
119	1.6E-01				5	1.43E-04			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-01				5	1.35E-04		
121	1.4E-01				5	1.25E-04		
122	1.4E-01				5	1.23E-04		
123	1.3E-01				5	1.18E-04		
124	1.2E-01				5	1.11E-04		
125	1.2E-01				5	1.06E-04		
126	1.1E-01				5	1.04E-04		
127	1.1E-01				5	9.97E-05		
128	1.0E-01				5	9.38E-05		
129	1.0E-01				5	9.11E-05		
130	9.8E-02				5	8.89E-05		
131	9.4E-02				5	8.52E-05		
132	8.8E-02				5	8.02E-05		
133	8.7E-02				5	7.91E-05		
134	8.5E-02				5	7.69E-05		
135	8.1E-02				5	7.36E-05		
136	7.7E-02				5	6.95E-05		
137	7.6E-02				5	6.93E-05		
138	7.1E-02				5	6.44E-05		
139	6.7E-02				5	6.08E-05		
140	5.4E-02				5	4.88E-05		
141	5.2E-02				5	4.72E-05		
142	5.0E-02				5	4.53E-05		
143	4.7E-02				5	4.31E-05		
144	4.8E-02				5	4.40E-05		
145	4.7E-02				5	4.26E-05		
146	4.5E-02				5	4.09E-05		
147	4.3E-02				5	3.90E-05		
148	4.4E-02				5	3.98E-05		
149	4.3E-02				5	3.86E-05		
150	4.1E-02				5	3.71E-05		
151	3.9E-02				5	3.54E-05		
152	4.0E-02				5	3.63E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	3.9E-02				5	3.52E-05		
154	3.7E-02				5	3.38E-05		
155	3.6E-02				5	3.24E-05		
156	3.7E-02				5	3.32E-05		
157	3.5E-02				5	3.22E-05		
158	3.4E-02				5	3.10E-05		
159	3.3E-02				5	2.97E-05		
160	3.4E-02				5	3.05E-05		
161	3.3E-02				5	2.96E-05		
162	3.1E-02				5	2.85E-05		
163	3.0E-02				5	2.74E-05		
164	3.1E-02				5	2.82E-05		
165	3.0E-02				5	2.73E-05		
166	2.9E-02				5	2.64E-05		
167	2.8E-02				5	2.54E-05		
168	2.9E-02				5	2.61E-05		
169	2.8E-02				5	2.53E-05		
170	2.7E-02				5	2.45E-05		
171	2.6E-02				5	2.36E-05		
172	2.7E-02				5	2.42E-05		
173	2.6E-02				5	2.35E-05		
174	2.5E-02				5	2.28E-05		
175	2.4E-02				5	2.20E-05		
176	2.5E-02				5	2.26E-05		
177	2.4E-02				5	2.20E-05		
178	2.3E-02				5	2.13E-05		
179	2.3E-02				5	2.05E-05		
180	2.3E-02				5	2.11E-05		
181	2.3E-02				5	2.05E-05		
182	2.2E-02				5	1.99E-05		
183	2.1E-02				5	1.92E-05		
184	2.9E-02				5	2.66E-05		
185	2.4E-02				5	2.14E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	2.3E-02				5	2.10E-05		
187	2.3E-02				5	2.05E-05		
188	2.2E-02				5	1.99E-05		
189	2.2E-02				5	2.04E-05		
190	2.2E-02				5	2.01E-05		
191	2.2E-02				5	1.97E-05		
192	2.1E-02				5	1.92E-05		
193	2.1E-02				5	1.87E-05		
194	2.1E-02				5	1.91E-05		
195	2.1E-02				5	1.89E-05		
196	2.0E-02				5	1.85E-05		
197	2.0E-02				5	1.81E-05		
198	1.9E-02				5	1.76E-05		
199	2.0E-02				5	1.80E-05		
200	2.0E-02				5	1.78E-05		
201	1.9E-02				5	1.74E-05		
202	1.9E-02				5	1.70E-05		
203	1.8E-02				5	1.66E-05		
204	1.9E-02				5	1.74E-05		
205	1.9E-02				5	1.70E-05		
206	1.8E-02				5	1.68E-05		
207	1.8E-02				5	1.65E-05		
208	1.8E-02				5	1.61E-05		
209	1.8E-02				5	1.66E-05		
210	1.8E-02				5	1.65E-05		
211	1.8E-02				5	1.65E-05		
212	1.8E-02				5	1.63E-05		
213	1.8E-02				5	1.61E-05		
214	1.7E-02				5	1.59E-05		
215	1.7E-02				5	1.56E-05		
216	1.6E-02				5	1.49E-05		
217	1.6E-02				5	1.49E-05		
218	1.6E-02				5	1.50E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.6E-02				5	1.49E-05		
220	1.6E-02				5	1.48E-05		
221	1.6E-02				5	1.47E-05		
222	1.6E-02				5	1.42E-05		
223	1.6E-02				5	1.43E-05		
224	1.6E-02				5	1.42E-05		
225	1.6E-02				5	1.42E-05		
226	1.6E-02				5	1.41E-05		
227	1.5E-02				5	1.36E-05		
228	1.5E-02				5	1.36E-05		
229	1.5E-02				5	1.36E-05		
230	1.5E-02				5	1.35E-05		
231	1.4E-02				5	1.30E-05		
232	1.4E-02				5	1.30E-05		
233	1.4E-02				5	1.30E-05		
234	1.4E-02				5	1.29E-05		
235	1.4E-02				5	1.24E-05		
236	1.4E-02				5	1.24E-05		
237	1.4E-02				5	1.24E-05		
238	1.4E-02				5	1.23E-05		
239	1.3E-02				5	1.19E-05		
240	1.3E-02				5	1.19E-05		
241	1.3E-02				5	1.19E-05		
242	1.3E-02				5	1.18E-05		
243	1.2E-02				5	1.07E-05		
244	1.2E-02				5	1.10E-05		
245	1.2E-02				5	1.11E-05		
246	1.2E-02				5	1.13E-05		
247	1.3E-02				5	1.14E-05		
248	1.3E-02				5	1.15E-05		
249	1.3E-02				5	1.16E-05		
250	1.1E-02				5	1.04E-05		
251	1.2E-02				5	1.06E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.2E-02				5	1.08E-05		
253	1.2E-02				5	1.09E-05		
254	1.2E-02				5	1.10E-05		
255	1.2E-02				5	1.11E-05		
256	1.2E-02				5	1.12E-05		
257	1.1E-02				5	1.01E-05		
258	1.1E-02				5	1.03E-05		
259	1.1E-02				5	1.04E-05		
260	1.2E-02				5	1.05E-05		
261	1.2E-02				5	1.06E-05		
262	1.2E-02				5	1.07E-05		
263	1.2E-02				5	1.07E-05		
264	1.1E-02				5	9.76E-06		
265	1.1E-02				5	9.91E-06		
266	1.1E-02				5	1.00E-05		
267	1.1E-02				5	1.01E-05		
268	1.1E-02				5	1.02E-05		
269	1.1E-02				5	1.03E-05		
270	1.1E-02				5	1.03E-05		
271	1.0E-02				5	9.46E-06		
272	1.1E-02				5	9.59E-06		
273	1.1E-02				5	9.71E-06		
274	1.1E-02				5	9.80E-06		
275	1.1E-02				5	9.86E-06		
276	1.1E-02				5	9.91E-06		
277	1.1E-02				5	9.93E-06		
278	7.8E-03				5	7.04E-06		
279	7.9E-03				5	7.18E-06		
280	8.3E-03				5	7.55E-06		
281	8.3E-03				5	7.50E-06		
282	8.6E-03				5	7.84E-06		
283	7.9E-03				5	7.19E-06		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	8.8E-03	2.9E-03			5	2.04E-05		
27	9.3E-03	3.0E-03			5	2.15E-05		
28	9.8E-03	3.2E-03			5	2.27E-05		
29	1.0E-02	3.4E-03			5	2.40E-05		
30	1.1E-02	3.6E-03			5	2.55E-05		
31	1.2E-02	3.8E-03			5	2.71E-05		
32	1.2E-02	4.0E-03			5	2.88E-05		
33	1.3E-02	4.3E-03			5	3.07E-05		
34	1.4E-02	4.6E-03			5	3.28E-05		
35	1.5E-02	4.9E-03			5	3.50E-05		
36	1.6E-02	5.3E-03			5	3.75E-05		
37	8.8E-03	2.9E-03			5	2.03E-05		
38	9.3E-03	3.0E-03			5	2.14E-05		
39	9.8E-03	3.2E-03			5	2.26E-05		
40	1.0E-02	3.4E-03			5	2.39E-05		
41	1.1E-02	3.6E-03			5	2.54E-05		
42	1.2E-02	3.8E-03			5	2.69E-05		
43	1.2E-02	4.0E-03			5	2.86E-05		
44	1.3E-02	4.3E-03			5	3.05E-05		
45	1.4E-02	4.6E-03			5	3.25E-05		
46	1.5E-02	4.9E-03			5	3.47E-05		
47	1.6E-02	5.2E-03			5	3.71E-05		
48	8.8E-03	2.8E-03			5	2.03E-05		
49	9.2E-03	3.0E-03			5	2.14E-05		
50	9.8E-03	3.2E-03			5	2.26E-05		
51	1.0E-02	3.3E-03			5	2.39E-05		
52	1.1E-02	3.5E-03			5	2.53E-05		
53	1.2E-02	3.8E-03			5	2.68E-05		
54	1.2E-02	4.0E-03			5	2.85E-05		
55	1.3E-02	4.2E-03			5	3.03E-05		
56	1.4E-02	4.5E-03			5	3.22E-05		
57	1.5E-02	4.8E-03			5	3.43E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.6E-02	5.1E-03			5	3.66E-05		
59	8.7E-03	2.8E-03			5	2.02E-05		
60	9.2E-03	3.0E-03			5	2.13E-05		
61	9.7E-03	3.2E-03			5	2.25E-05		
62	1.0E-02	3.3E-03			5	2.38E-05		
63	1.1E-02	3.5E-03			5	2.51E-05		
64	1.2E-02	3.7E-03			5	2.66E-05		
65	1.2E-02	4.0E-03			5	2.83E-05		
66	1.3E-02	4.2E-03			5	3.00E-05		
67	1.4E-02	4.5E-03			5	3.19E-05		
68	1.5E-02	4.8E-03			5	3.39E-05		
69	1.6E-02	5.1E-03			5	3.61E-05		
70	8.7E-03	2.8E-03			5	2.02E-05		
71	9.2E-03	3.0E-03			5	2.12E-05		
72	9.7E-03	3.1E-03			5	2.24E-05		
73	1.0E-02	3.3E-03			5	2.36E-05		
74	1.1E-02	3.5E-03			5	2.50E-05		
75	1.1E-02	3.7E-03			5	2.65E-05		
76	1.2E-02	3.9E-03			5	2.80E-05		
77	1.3E-02	4.2E-03			5	2.97E-05		
78	1.4E-02	4.4E-03			5	3.15E-05		
79	1.4E-02	4.7E-03			5	3.35E-05		
80	1.5E-02	5.0E-03			5	3.55E-05		
81	8.7E-03	2.8E-03			5	2.01E-05		
82	9.2E-03	3.0E-03			5	2.12E-05		
83	9.6E-03	3.1E-03			5	2.23E-05		
84	1.0E-02	3.3E-03			5	2.35E-05		
85	1.1E-02	3.5E-03			5	2.49E-05		
86	1.1E-02	3.7E-03			5	2.63E-05		
87	1.2E-02	3.9E-03			5	2.78E-05		
88	1.3E-02	4.1E-03			5	2.94E-05		
89	1.3E-02	4.4E-03			5	3.12E-05		
90	1.4E-02	4.6E-03			5	3.30E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	1.5E-02	4.9E-03			5	3.50E-05		
92	8.7E-03	2.8E-03			5	2.00E-05		
93	9.1E-03	3.0E-03			5	2.11E-05		
94	9.6E-03	3.1E-03			5	2.22E-05		
95	1.0E-02	3.3E-03			5	2.34E-05		
96	1.1E-02	3.5E-03			5	2.47E-05		
97	1.1E-02	3.7E-03			5	2.61E-05		
98	1.2E-02	3.9E-03			5	2.76E-05		
99	1.3E-02	4.1E-03			5	2.91E-05		
100	1.3E-02	4.3E-03			5	3.08E-05		
101	1.4E-02	4.6E-03			5	3.26E-05		
102	1.5E-02	4.8E-03			5	3.44E-05		
103	1.0E-02	3.3E-03			5	2.33E-05		
104	1.1E-02	3.4E-03			5	2.45E-05		
105	1.1E-02	3.6E-03			5	2.59E-05		
106	1.2E-02	3.8E-03			5	2.74E-05		
107	1.2E-02	4.0E-03			5	2.88E-05		
108	1.3E-02	4.3E-03			5	3.04E-05		
109	1.4E-02	4.5E-03			5	3.21E-05		
110	1.5E-02	4.7E-03			5	3.38E-05		
111	9.6E-03	3.1E-03			5	2.21E-05		
112	9.0E-03	2.9E-03			5	2.09E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	**3.96E-05**	1.35E-05	1.05E-03	1.42E-08	1.35	1.57E-01	3.00E-09	1,000,000	3.00E-03
2	0.35954	3.96E-05	1.4238E-05	1.05E-03	1.49E-08	1.35	1.57E-01	3.16E-09	1,000,000	3.16E-03
3	0.37904	3.96E-05	1.501E-05	1.05E-03	1.57E-08	1.35	1.57E-01	3.33E-09	1,000,000	3.33E-03
4	0.39988	3.96E-05	1.5835E-05	1.05E-03	1.66E-08	1.35	1.57E-01	3.51E-09	1,000,000	3.51E-03
5	0.4228	3.96E-05	1.6743E-05	1.05E-03	1.75E-08	1.35	1.57E-01	3.71E-09	1,000,000	3.71E-03
6	0.34148	3.96E-05	1.3523E-05	1.05E-03	1.41E-08	1.35	1.57E-01	3.00E-09	1,000,000	3.00E-03
7	0.35901	3.96E-05	1.4217E-05	1.05E-03	1.49E-08	1.35	1.57E-01	3.15E-09	1,000,000	3.15E-03
8	0.37818	3.96E-05	1.4976E-05	1.05E-03	1.57E-08	1.35	1.57E-01	3.32E-09	1,000,000	3.32E-03
9	0.39947	3.96E-05	1.5819E-05	1.05E-03	1.65E-08	1.35	1.57E-01	3.51E-09	1,000,000	3.51E-03
10	0.42213	3.96E-05	1.6716E-05	1.05E-03	1.75E-08	1.35	1.57E-01	3.71E-09	1,000,000	3.71E-03
11	0.34078	3.96E-05	1.3495E-05	1.05E-03	1.41E-08	1.35	1.57E-01	2.99E-09	1,000,000	2.99E-03
12	0.35833	3.96E-05	1.419E-05	1.05E-03	1.48E-08	1.35	1.57E-01	3.15E-09	1,000,000	3.15E-03
13	0.37751	3.96E-05	1.4949E-05	1.05E-03	1.56E-08	1.35	1.57E-01	3.31E-09	1,000,000	3.31E-03
14	0.39878	3.96E-05	1.5792E-05	1.05E-03	1.65E-08	1.35	1.57E-01	3.50E-09	1,000,000	3.50E-03
15	0.42126	3.96E-05	1.6682E-05	1.05E-03	1.74E-08	1.35	1.57E-01	3.70E-09	1,000,000	3.70E-03
16	0.34009	3.96E-05	1.3468E-05	1.05E-03	1.41E-08	1.35	1.57E-01	2.99E-09	1,000,000	2.99E-03
17	0.35773	3.96E-05	1.4166E-05	1.05E-03	1.48E-08	1.35	1.57E-01	3.14E-09	1,000,000	3.14E-03
18	0.37675	3.96E-05	1.4919E-05	1.05E-03	1.56E-08	1.35	1.57E-01	3.31E-09	1,000,000	3.31E-03
19	0.39712	3.96E-05	1.5726E-05	1.05E-03	1.64E-08	1.35	1.57E-01	3.49E-09	1,000,000	3.49E-03
20	0.41946	3.96E-05	1.6611E-05	1.05E-03	1.74E-08	1.35	1.57E-01	3.68E-09	1,000,000	3.68E-03
21	0.33951	3.96E-05	1.3445E-05	1.05E-03	1.41E-08	1.35	1.57E-01	2.98E-09	1,000,000	2.98E-03
22	0.357	3.96E-05	1.4137E-05	1.05E-03	1.48E-08	1.35	1.57E-01	3.13E-09	1,000,000	3.13E-03
23	0.3759	3.96E-05	1.4886E-05	1.05E-03	1.56E-08	1.35	1.57E-01	3.30E-09	1,000,000	3.30E-03
24	0.39613	3.96E-05	1.5687E-05	1.05E-03	1.64E-08	1.35	1.57E-01	3.48E-09	1,000,000	3.48E-03
25	0.4176	3.96E-05	1.6537E-05	1.05E-03	1.73E-08	1.35	1.57E-01	3.67E-09	1,000,000	3.67E-03
113	7.34627	3.96E-05	0.00029091	1.05E-03	3.04E-07	1.35	1.57E-01	6.45E-08	1,000,000	6.45E-02
114	6.05276	3.96E-05	0.00023969	1.05E-03	2.51E-07	1.35	1.57E-01	5.31E-08	1,000,000	5.31E-02
115	5.08606	3.96E-05	0.00020141	1.05E-03	2.11E-07	1.35	1.57E-01	4.47E-08	1,000,000	4.47E-02
116	4.34509	3.96E-05	0.00017207	1.05E-03	1.80E-07	1.35	1.57E-01	3.82E-08	1,000,000	3.82E-02
117	6.41729	3.96E-05	0.00025413	1.05E-03	2.66E-07	1.35	1.57E-01	5.63E-08	1,000,000	5.63E-02
118	5.39267	3.96E-05	0.00021355	1.05E-03	2.23E-07	1.35	1.57E-01	4.74E-08	1,000,000	4.74E-02
119	4.60188	3.96E-05	0.00018224	1.05E-03	1.90E-07	1.35	1.57E-01	4.04E-08	1,000,000	4.04E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	0.00015762	1.05E-03	1.65E-07	1.35	1.57E-01	3.49E-08	1,000,000	3.49E-02
121	5.61509	3.96E-05	0.00022236	1.05E-03	2.32E-07	1.35	1.57E-01	4.93E-08	1,000,000	4.93E-02
122	4.79823	3.96E-05	0.00019001	1.05E-03	1.99E-07	1.35	1.57E-01	4.21E-08	1,000,000	4.21E-02
123	4.1508	3.96E-05	0.00016437	1.05E-03	1.72E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
124	3.6305	3.96E-05	0.00014377	1.05E-03	1.50E-07	1.35	1.57E-01	3.19E-08	1,000,000	3.19E-02
125	4.92861	3.96E-05	0.00019517	1.05E-03	2.04E-07	1.35	1.57E-01	4.33E-08	1,000,000	4.33E-02
126	4.27282	3.96E-05	0.0001692	1.05E-03	1.77E-07	1.35	1.57E-01	3.75E-08	1,000,000	3.75E-02
127	3.74081	3.96E-05	0.00014814	1.05E-03	1.55E-07	1.35	1.57E-01	3.28E-08	1,000,000	3.28E-02
128	3.3049	3.96E-05	0.00013087	1.05E-03	1.37E-07	1.35	1.57E-01	2.90E-08	1,000,000	2.90E-02
129	4.34137	3.96E-05	0.00017192	1.05E-03	1.80E-07	1.35	1.57E-01	3.81E-08	1,000,000	3.81E-02
130	3.81188	3.96E-05	0.00015095	1.05E-03	1.58E-07	1.35	1.57E-01	3.35E-08	1,000,000	3.35E-02
131	3.37316	3.96E-05	0.00013358	1.05E-03	1.40E-07	1.35	1.57E-01	2.96E-08	1,000,000	2.96E-02
132	3.00718	3.96E-05	0.00011908	1.05E-03	1.24E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
133	3.83865	3.96E-05	0.00015201	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
134	3.4086	3.96E-05	0.00013498	1.05E-03	1.41E-07	1.35	1.57E-01	2.99E-08	1,000,000	2.99E-02
135	3.04557	3.96E-05	0.00012061	1.05E-03	1.26E-07	1.35	1.57E-01	2.67E-08	1,000,000	2.67E-02
136	2.73767	3.96E-05	0.00010841	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
137	3.40915	3.96E-05	0.000135	1.05E-03	1.41E-07	1.35	1.57E-01	2.99E-08	1,000,000	2.99E-02
138	2.75499	3.96E-05	0.0001091	1.05E-03	1.14E-07	1.35	1.57E-01	2.42E-08	1,000,000	2.42E-02
139	2.49517	3.96E-05	9.8809E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.19E-08	1,000,000	2.19E-02
140	2.47409	3.96E-05	9.7974E-05	1.05E-03	1.02E-07	1.35	1.57E-01	2.17E-08	1,000,000	2.17E-02
141	2.2648	3.96E-05	8.9687E-05	1.05E-03	9.37E-08	1.35	1.57E-01	1.99E-08	1,000,000	1.99E-02
142	2.07997	3.96E-05	8.2367E-05	1.05E-03	8.61E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
143	1.91645	3.96E-05	7.5892E-05	1.05E-03	7.93E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
144	2.25171	3.96E-05	8.9168E-05	1.05E-03	9.32E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
145	2.07161	3.96E-05	8.2036E-05	1.05E-03	8.57E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
146	1.91112	3.96E-05	7.5681E-05	1.05E-03	7.91E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
147	1.76808	3.96E-05	7.0016E-05	1.05E-03	7.32E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
148	2.06023	3.96E-05	8.1586E-05	1.05E-03	8.53E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
149	1.9044	3.96E-05	7.5415E-05	1.05E-03	7.88E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
150	1.76416	3.96E-05	6.9861E-05	1.05E-03	7.30E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
151	1.63811	3.96E-05	6.4869E-05	1.05E-03	6.78E-08	1.35	1.57E-01	1.44E-08	1,000,000	1.44E-02
152	1.89337	3.96E-05	7.4978E-05	1.05E-03	7.84E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.9622E-05	1.05E-03	7.28E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
154	1.63517	3.96E-05	6.4753E-05	1.05E-03	6.77E-08	1.35	1.57E-01	1.44E-08	1,000,000	1.44E-02
155	1.52365	3.96E-05	6.0337E-05	1.05E-03	6.31E-08	1.35	1.57E-01	1.34E-08	1,000,000	1.34E-02
156	1.74647	3.96E-05	6.9161E-05	1.05E-03	7.23E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
157	1.62879	3.96E-05	6.45E-05	1.05E-03	6.74E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
158	1.5208	3.96E-05	6.0224E-05	1.05E-03	6.29E-08	1.35	1.57E-01	1.34E-08	1,000,000	1.34E-02
159	1.42197	3.96E-05	5.631E-05	1.05E-03	5.89E-08	1.35	1.57E-01	1.25E-08	1,000,000	1.25E-02
160	1.61617	3.96E-05	6.4001E-05	1.05E-03	6.69E-08	1.35	1.57E-01	1.42E-08	1,000,000	1.42E-02
161	1.51345	3.96E-05	5.9933E-05	1.05E-03	6.26E-08	1.35	1.57E-01	1.33E-08	1,000,000	1.33E-02
162	1.41845	3.96E-05	5.6171E-05	1.05E-03	5.87E-08	1.35	1.57E-01	1.25E-08	1,000,000	1.25E-02
163	1.33062	3.96E-05	5.2693E-05	1.05E-03	5.51E-08	1.35	1.57E-01	1.17E-08	1,000,000	1.17E-02
164	1.49999	3.96E-05	5.94E-05	1.05E-03	6.21E-08	1.35	1.57E-01	1.32E-08	1,000,000	1.32E-02
165	1.40998	3.96E-05	5.5835E-05	1.05E-03	5.84E-08	1.35	1.57E-01	1.24E-08	1,000,000	1.24E-02
166	1.32537	3.96E-05	5.2485E-05	1.05E-03	5.49E-08	1.35	1.57E-01	1.16E-08	1,000,000	1.16E-02
167	1.24744	3.96E-05	4.9399E-05	1.05E-03	5.16E-08	1.35	1.57E-01	1.10E-08	1,000,000	1.10E-02
168	1.39597	3.96E-05	5.5281E-05	1.05E-03	5.78E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
169	1.31673	3.96E-05	5.2143E-05	1.05E-03	5.45E-08	1.35	1.57E-01	1.16E-08	1,000,000	1.16E-02
170	1.2417	3.96E-05	4.9172E-05	1.05E-03	5.14E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
171	1.1725	3.96E-05	4.6431E-05	1.05E-03	4.85E-08	1.35	1.57E-01	1.03E-08	1,000,000	1.03E-02
172	1.30254	3.96E-05	5.1581E-05	1.05E-03	5.39E-08	1.35	1.57E-01	1.14E-08	1,000,000	1.14E-02
173	1.23245	3.96E-05	4.8805E-05	1.05E-03	5.10E-08	1.35	1.57E-01	1.08E-08	1,000,000	1.08E-02
174	1.16588	3.96E-05	4.6169E-05	1.05E-03	4.83E-08	1.35	1.57E-01	1.02E-08	1,000,000	1.02E-02
175	1.10404	3.96E-05	4.372E-05	1.05E-03	4.57E-08	1.35	1.57E-01	9.69E-09	1,000,000	9.69E-03
176	1.21837	3.96E-05	4.8248E-05	1.05E-03	5.04E-08	1.35	1.57E-01	1.07E-08	1,000,000	1.07E-02
177	1.15607	3.96E-05	4.5781E-05	1.05E-03	4.79E-08	1.35	1.57E-01	1.02E-08	1,000,000	1.02E-02
178	1.09669	3.96E-05	4.3429E-05	1.05E-03	4.54E-08	1.35	1.57E-01	9.63E-09	1,000,000	9.63E-03
179	1.04132	3.96E-05	4.1236E-05	1.05E-03	4.31E-08	1.35	1.57E-01	9.14E-09	1,000,000	9.14E-03
180	1.14231	3.96E-05	4.5236E-05	1.05E-03	4.73E-08	1.35	1.57E-01	1.00E-08	1,000,000	1.00E-02
181	1.08646	3.96E-05	4.3024E-05	1.05E-03	4.50E-08	1.35	1.57E-01	9.54E-09	1,000,000	9.54E-03
182	1.03341	3.96E-05	4.0923E-05	1.05E-03	4.28E-08	1.35	1.57E-01	9.07E-09	1,000,000	9.07E-03
183	0.98373	3.96E-05	3.8956E-05	1.05E-03	4.07E-08	1.35	1.57E-01	8.64E-09	1,000,000	8.64E-03
184	1.47032	3.96E-05	5.8225E-05	1.05E-03	6.09E-08	1.35	1.57E-01	1.29E-08	1,000,000	1.29E-02
185	1.22693	3.96E-05	4.8587E-05	1.05E-03	5.08E-08	1.35	1.57E-01	1.08E-08	1,000,000	1.08E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.6273E-05	1.05E-03	4.84E-08	1.35	1.57E-01	1.03E-08	1,000,000	1.03E-02
187	1.11272	3.96E-05	4.4064E-05	1.05E-03	4.61E-08	1.35	1.57E-01	9.77E-09	1,000,000	9.77E-03
188	1.05939	3.96E-05	4.1952E-05	1.05E-03	4.38E-08	1.35	1.57E-01	9.30E-09	1,000,000	9.30E-03
189	1.20295	3.96E-05	4.7637E-05	1.05E-03	4.98E-08	1.35	1.57E-01	1.06E-08	1,000,000	1.06E-02
190	1.14871	3.96E-05	4.5489E-05	1.05E-03	4.75E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
191	1.09647	3.96E-05	4.342E-05	1.05E-03	4.54E-08	1.35	1.57E-01	9.63E-09	1,000,000	9.63E-03
192	1.04648	3.96E-05	4.1441E-05	1.05E-03	4.33E-08	1.35	1.57E-01	9.19E-09	1,000,000	9.19E-03
193	0.99827	3.96E-05	3.9532E-05	1.05E-03	4.13E-08	1.35	1.57E-01	8.77E-09	1,000,000	8.77E-03
194	1.12668	3.96E-05	4.4617E-05	1.05E-03	4.66E-08	1.35	1.57E-01	9.89E-09	1,000,000	9.89E-03
195	1.07816	3.96E-05	4.2695E-05	1.05E-03	4.46E-08	1.35	1.57E-01	9.47E-09	1,000,000	9.47E-03
196	1.03116	3.96E-05	4.0834E-05	1.05E-03	4.27E-08	1.35	1.57E-01	9.05E-09	1,000,000	9.05E-03
197	0.98567	3.96E-05	3.9033E-05	1.05E-03	4.08E-08	1.35	1.57E-01	8.65E-09	1,000,000	8.65E-03
198	0.94272	3.96E-05	3.7332E-05	1.05E-03	3.90E-08	1.35	1.57E-01	8.28E-09	1,000,000	8.28E-03
199	1.05795	3.96E-05	4.1895E-05	1.05E-03	4.38E-08	1.35	1.57E-01	9.29E-09	1,000,000	9.29E-03
200	1.01429	3.96E-05	4.0166E-05	1.05E-03	4.20E-08	1.35	1.57E-01	8.91E-09	1,000,000	8.91E-03
201	0.97173	3.96E-05	3.8481E-05	1.05E-03	4.02E-08	1.35	1.57E-01	8.53E-09	1,000,000	8.53E-03
202	0.93076	3.96E-05	3.6858E-05	1.05E-03	3.85E-08	1.35	1.57E-01	8.17E-09	1,000,000	8.17E-03
203	0.89179	3.96E-05	3.5315E-05	1.05E-03	3.69E-08	1.35	1.57E-01	7.83E-09	1,000,000	7.83E-03
204	1.15602	3.96E-05	4.5779E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.02E-08	1,000,000	1.02E-02
205	0.99573	3.96E-05	3.9431E-05	1.05E-03	4.12E-08	1.35	1.57E-01	8.74E-09	1,000,000	8.74E-03
206	0.95628	3.96E-05	3.7869E-05	1.05E-03	3.96E-08	1.35	1.57E-01	8.40E-09	1,000,000	8.40E-03
207	0.91746	3.96E-05	3.6332E-05	1.05E-03	3.80E-08	1.35	1.57E-01	8.06E-09	1,000,000	8.06E-03
208	0.88058	3.96E-05	3.4871E-05	1.05E-03	3.64E-08	1.35	1.57E-01	7.73E-09	1,000,000	7.73E-03
209	1.08425	3.96E-05	4.2937E-05	1.05E-03	4.49E-08	1.35	1.57E-01	9.52E-09	1,000,000	9.52E-03
210	1.04875	3.96E-05	4.1531E-05	1.05E-03	4.34E-08	1.35	1.57E-01	9.21E-09	1,000,000	9.21E-03
211	1.01225	3.96E-05	4.0085E-05	1.05E-03	4.19E-08	1.35	1.57E-01	8.89E-09	1,000,000	8.89E-03
212	0.97562	3.96E-05	3.8635E-05	1.05E-03	4.04E-08	1.35	1.57E-01	8.57E-09	1,000,000	8.57E-03
213	0.9392	3.96E-05	3.7193E-05	1.05E-03	3.89E-08	1.35	1.57E-01	8.25E-09	1,000,000	8.25E-03
214	0.90317	3.96E-05	3.5766E-05	1.05E-03	3.74E-08	1.35	1.57E-01	7.93E-09	1,000,000	7.93E-03
215	0.86816	3.96E-05	3.4379E-05	1.05E-03	3.59E-08	1.35	1.57E-01	7.62E-09	1,000,000	7.62E-03
216	1.01456	3.96E-05	4.0177E-05	1.05E-03	4.20E-08	1.35	1.57E-01	8.91E-09	1,000,000	8.91E-03
217	0.98857	3.96E-05	3.9148E-05	1.05E-03	4.09E-08	1.35	1.57E-01	8.68E-09	1,000,000	8.68E-03
218	0.96033	3.96E-05	3.8029E-05	1.05E-03	3.97E-08	1.35	1.57E-01	8.43E-09	1,000,000	8.43E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.6871E-05	1.05E-03	3.85E-08	1.35	1.57E-01	8.18E-09	1,000,000	8.18E-03
220	0.90085	3.96E-05	3.5674E-05	1.05E-03	3.73E-08	1.35	1.57E-01	7.91E-09	1,000,000	7.91E-03
221	0.87036	3.96E-05	3.4466E-05	1.05E-03	3.60E-08	1.35	1.57E-01	7.64E-09	1,000,000	7.64E-03
222	0.95663	3.96E-05	3.7883E-05	1.05E-03	3.96E-08	1.35	1.57E-01	8.40E-09	1,000,000	8.40E-03
223	0.93262	3.96E-05	3.6932E-05	1.05E-03	3.86E-08	1.35	1.57E-01	8.19E-09	1,000,000	8.19E-03
224	0.90688	3.96E-05	3.5913E-05	1.05E-03	3.75E-08	1.35	1.57E-01	7.96E-09	1,000,000	7.96E-03
225	0.88014	3.96E-05	3.4854E-05	1.05E-03	3.64E-08	1.35	1.57E-01	7.73E-09	1,000,000	7.73E-03
226	0.85239	3.96E-05	3.3755E-05	1.05E-03	3.53E-08	1.35	1.57E-01	7.48E-09	1,000,000	7.48E-03
227	0.90381	3.96E-05	3.5791E-05	1.05E-03	3.74E-08	1.35	1.57E-01	7.94E-09	1,000,000	7.94E-03
228	0.8816	3.96E-05	3.4912E-05	1.05E-03	3.65E-08	1.35	1.57E-01	7.74E-09	1,000,000	7.74E-03
229	0.85808	3.96E-05	3.398E-05	1.05E-03	3.55E-08	1.35	1.57E-01	7.53E-09	1,000,000	7.53E-03
230	0.83325	3.96E-05	3.2997E-05	1.05E-03	3.45E-08	1.35	1.57E-01	7.32E-09	1,000,000	7.32E-03
231	0.85545	3.96E-05	3.3876E-05	1.05E-03	3.54E-08	1.35	1.57E-01	7.51E-09	1,000,000	7.51E-03
232	0.83509	3.96E-05	3.307E-05	1.05E-03	3.46E-08	1.35	1.57E-01	7.33E-09	1,000,000	7.33E-03
233	0.81339	3.96E-05	3.221E-05	1.05E-03	3.37E-08	1.35	1.57E-01	7.14E-09	1,000,000	7.14E-03
234	0.79057	3.96E-05	3.1307E-05	1.05E-03	3.27E-08	1.35	1.57E-01	6.94E-09	1,000,000	6.94E-03
235	0.81125	3.96E-05	3.2126E-05	1.05E-03	3.36E-08	1.35	1.57E-01	7.12E-09	1,000,000	7.12E-03
236	0.79245	3.96E-05	3.1381E-05	1.05E-03	3.28E-08	1.35	1.57E-01	6.96E-09	1,000,000	6.96E-03
237	0.77225	3.96E-05	3.0581E-05	1.05E-03	3.20E-08	1.35	1.57E-01	6.78E-09	1,000,000	6.78E-03
238	0.75137	3.96E-05	2.9754E-05	1.05E-03	3.11E-08	1.35	1.57E-01	6.60E-09	1,000,000	6.60E-03
239	0.77067	3.96E-05	3.0519E-05	1.05E-03	3.19E-08	1.35	1.57E-01	6.77E-09	1,000,000	6.77E-03
240	0.75319	3.96E-05	2.9826E-05	1.05E-03	3.12E-08	1.35	1.57E-01	6.61E-09	1,000,000	6.61E-03
241	0.73446	3.96E-05	2.9085E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.45E-09	1,000,000	6.45E-03
242	0.71525	3.96E-05	2.8324E-05	1.05E-03	2.96E-08	1.35	1.57E-01	6.28E-09	1,000,000	6.28E-03
243	0.8189	3.96E-05	3.2429E-05	1.05E-03	3.39E-08	1.35	1.57E-01	7.19E-09	1,000,000	7.19E-03
244	0.81837	3.96E-05	3.2408E-05	1.05E-03	3.39E-08	1.35	1.57E-01	7.19E-09	1,000,000	7.19E-03
245	0.81504	3.96E-05	3.2276E-05	1.05E-03	3.37E-08	1.35	1.57E-01	7.16E-09	1,000,000	7.16E-03
246	0.80908	3.96E-05	3.204E-05	1.05E-03	3.35E-08	1.35	1.57E-01	7.10E-09	1,000,000	7.10E-03
247	0.80063	3.96E-05	3.1705E-05	1.05E-03	3.31E-08	1.35	1.57E-01	7.03E-09	1,000,000	7.03E-03
248	0.7899	3.96E-05	3.128E-05	1.05E-03	3.27E-08	1.35	1.57E-01	6.94E-09	1,000,000	6.94E-03
249	0.77712	3.96E-05	3.0774E-05	1.05E-03	3.22E-08	1.35	1.57E-01	6.82E-09	1,000,000	6.82E-03
250	0.7809	3.96E-05	3.0924E-05	1.05E-03	3.23E-08	1.35	1.57E-01	6.86E-09	1,000,000	6.86E-03
251	0.77971	3.96E-05	3.0877E-05	1.05E-03	3.23E-08	1.35	1.57E-01	6.85E-09	1,000,000	6.85E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.0732E-05	1.05E-03	3.21E-08	1.35	1.57E-01	6.81E-09	1,000,000	6.81E-03
253	0.77005	3.96E-05	3.0494E-05	1.05E-03	3.19E-08	1.35	1.57E-01	6.76E-09	1,000,000	6.76E-03
254	0.76183	3.96E-05	3.0169E-05	1.05E-03	3.15E-08	1.35	1.57E-01	6.69E-09	1,000,000	6.69E-03
255	0.7516	3.96E-05	2.9764E-05	1.05E-03	3.11E-08	1.35	1.57E-01	6.60E-09	1,000,000	6.60E-03
256	0.73943	3.96E-05	2.9282E-05	1.05E-03	3.06E-08	1.35	1.57E-01	6.49E-09	1,000,000	6.49E-03
257	0.74551	3.96E-05	2.9522E-05	1.05E-03	3.09E-08	1.35	1.57E-01	6.55E-09	1,000,000	6.55E-03
258	0.74381	3.96E-05	2.9455E-05	1.05E-03	3.08E-08	1.35	1.57E-01	6.53E-09	1,000,000	6.53E-03
259	0.73991	3.96E-05	2.9301E-05	1.05E-03	3.06E-08	1.35	1.57E-01	6.50E-09	1,000,000	6.50E-03
260	0.73391	3.96E-05	2.9063E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.44E-09	1,000,000	6.44E-03
261	0.72596	3.96E-05	2.8748E-05	1.05E-03	3.00E-08	1.35	1.57E-01	6.37E-09	1,000,000	6.37E-03
262	0.7162	3.96E-05	2.8362E-05	1.05E-03	2.96E-08	1.35	1.57E-01	6.29E-09	1,000,000	6.29E-03
263	0.70476	3.96E-05	2.7909E-05	1.05E-03	2.92E-08	1.35	1.57E-01	6.19E-09	1,000,000	6.19E-03
264	0.71229	3.96E-05	2.8207E-05	1.05E-03	2.95E-08	1.35	1.57E-01	6.25E-09	1,000,000	6.25E-03
265	0.71038	3.96E-05	2.8131E-05	1.05E-03	2.94E-08	1.35	1.57E-01	6.24E-09	1,000,000	6.24E-03
266	0.70634	3.96E-05	2.7971E-05	1.05E-03	2.92E-08	1.35	1.57E-01	6.20E-09	1,000,000	6.20E-03
267	0.70039	3.96E-05	2.7736E-05	1.05E-03	2.90E-08	1.35	1.57E-01	6.15E-09	1,000,000	6.15E-03
268	0.6927	3.96E-05	2.7431E-05	1.05E-03	2.87E-08	1.35	1.57E-01	6.08E-09	1,000,000	6.08E-03
269	0.68343	3.96E-05	2.7064E-05	1.05E-03	2.83E-08	1.35	1.57E-01	6.00E-09	1,000,000	6.00E-03
270	0.67267	3.96E-05	2.6638E-05	1.05E-03	2.78E-08	1.35	1.57E-01	5.91E-09	1,000,000	5.91E-03
271	0.6815	3.96E-05	2.6988E-05	1.05E-03	2.82E-08	1.35	1.57E-01	5.98E-09	1,000,000	5.98E-03
272	0.67926	3.96E-05	2.6899E-05	1.05E-03	2.81E-08	1.35	1.57E-01	5.96E-09	1,000,000	5.96E-03
273	0.67511	3.96E-05	2.6734E-05	1.05E-03	2.79E-08	1.35	1.57E-01	5.93E-09	1,000,000	5.93E-03
274	0.66925	3.96E-05	2.6502E-05	1.05E-03	2.77E-08	1.35	1.57E-01	5.88E-09	1,000,000	5.88E-03
275	0.66183	3.96E-05	2.6209E-05	1.05E-03	2.74E-08	1.35	1.57E-01	5.81E-09	1,000,000	5.81E-03
276	0.65298	3.96E-05	2.5858E-05	1.05E-03	2.70E-08	1.35	1.57E-01	5.73E-09	1,000,000	5.73E-03
277	0.64285	3.96E-05	2.5457E-05	1.05E-03	2.66E-08	1.35	1.57E-01	5.64E-09	1,000,000	5.64E-03
278	0.6449	3.96E-05	2.5538E-05	1.05E-03	2.67E-08	1.35	1.57E-01	5.66E-09	1,000,000	5.66E-03
279	0.65769	3.96E-05	2.6045E-05	1.05E-03	2.72E-08	1.35	1.57E-01	5.77E-09	1,000,000	5.77E-03
280	0.68919	3.96E-05	2.7292E-05	1.05E-03	2.85E-08	1.35	1.57E-01	6.05E-09	1,000,000	6.05E-03
281	0.68179	3.96E-05	2.6999E-05	1.05E-03	2.82E-08	1.35	1.57E-01	5.99E-09	1,000,000	5.99E-03
282	0.71591	3.96E-05	2.835E-05	1.05E-03	2.96E-08	1.35	1.57E-01	6.29E-09	1,000,000	6.29E-03
283	0.65043	3.96E-05	2.5757E-05	1.05E-03	2.69E-08	1.35	1.57E-01	5.71E-09	1,000,000	5.71E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	4.23249	3.96E-05	0.00016761	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	4.84465	3.96E-05	0.00019185	1.05E-03	2.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	5.62171	3.96E-05	0.00022262	1.05E-03	2.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.61654	3.96E-05	0.00026202	1.05E-03	2.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.88532	3.96E-05	0.00031226	1.05E-03	3.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	9.46169	3.96E-05	0.00037468	1.05E-03	3.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	11.30189	3.96E-05	0.00044756	1.05E-03	4.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	13.21552	3.96E-05	0.00052334	1.05E-03	5.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	14.86375	3.96E-05	0.00058861	1.05E-03	6.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	15.94494	3.96E-05	0.00063142	1.05E-03	6.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	16.3478	3.96E-05	0.00064738	1.05E-03	6.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	4.21083	3.96E-05	0.00016675	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	4.80821	3.96E-05	0.00019041	1.05E-03	1.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	5.54926	3.96E-05	0.00021975	1.05E-03	2.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	6.46493	3.96E-05	0.00025601	1.05E-03	2.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	7.57568	3.96E-05	0.0003	1.05E-03	3.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	8.86996	3.96E-05	0.00035125	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	10.27521	3.96E-05	0.0004069	1.05E-03	4.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	11.64133	3.96E-05	0.000461	1.05E-03	4.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	12.7714	3.96E-05	0.00050575	1.05E-03	5.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	13.52652	3.96E-05	0.00053565	1.05E-03	5.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.8546	3.96E-05	0.00054864	1.05E-03	5.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	4.18155	3.96E-05	0.00016559	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	4.75442	3.96E-05	0.00018828	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	5.44582	3.96E-05	0.00021566	1.05E-03	2.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	6.26883	3.96E-05	0.00024825	1.05E-03	2.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	7.22134	3.96E-05	0.00028597	1.05E-03	2.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	8.27281	3.96E-05	0.0003276	1.05E-03	3.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	9.35344	3.96E-05	0.0003704	1.05E-03	3.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	10.35712	3.96E-05	0.00041014	1.05E-03	4.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	11.16855	3.96E-05	0.00044228	1.05E-03	4.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	11.72067	3.96E-05	0.00046414	1.05E-03	4.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	0.00047461	1.05E-03	4.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	4.14049	3.96E-05	0.00016396	1.05E-03	1.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	4.68044	3.96E-05	0.00018535	1.05E-03	1.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	5.31348	3.96E-05	0.00021041	1.05E-03	2.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	6.04037	3.96E-05	0.0002392	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	6.84733	3.96E-05	0.00027116	1.05E-03	2.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	7.69973	3.96E-05	0.00030491	1.05E-03	3.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	8.54033	3.96E-05	0.0003382	1.05E-03	3.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	9.29682	3.96E-05	0.00036816	1.05E-03	3.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	9.90008	3.96E-05	0.00039205	1.05E-03	4.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	10.31671	3.96E-05	0.00040854	1.05E-03	4.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	10.52893	3.96E-05	0.00041695	1.05E-03	4.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	4.08561	3.96E-05	0.00016179	1.05E-03	1.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	4.58676	3.96E-05	0.00018164	1.05E-03	1.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	5.15779	3.96E-05	0.00020425	1.05E-03	2.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	5.79219	3.96E-05	0.00022937	1.05E-03	2.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	6.47177	3.96E-05	0.00025628	1.05E-03	2.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	7.1646	3.96E-05	0.00028372	1.05E-03	2.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	7.82678	3.96E-05	0.00030994	1.05E-03	3.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	8.40942	3.96E-05	0.00033301	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	8.86983	3.96E-05	0.00035125	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	9.19127	3.96E-05	0.00036398	1.05E-03	3.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	9.36139	3.96E-05	0.00037071	1.05E-03	3.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	4.01682	3.96E-05	0.00015907	1.05E-03	1.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	4.47603	3.96E-05	0.00017725	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	4.98543	3.96E-05	0.00019742	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	5.53499	3.96E-05	0.00021919	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	6.1062	3.96E-05	0.00024181	1.05E-03	2.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	6.67215	3.96E-05	0.00026422	1.05E-03	2.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	7.20017	3.96E-05	0.00028513	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	7.65696	3.96E-05	0.00030322	1.05E-03	3.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	8.01539	3.96E-05	0.00031741	1.05E-03	3.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	8.26727	3.96E-05	0.00032739	1.05E-03	3.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	0.00033278	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	3.93535	3.96E-05	0.00015584	1.05E-03	1.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	4.35187	3.96E-05	0.00017233	1.05E-03	1.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	4.80273	3.96E-05	0.00019019	1.05E-03	1.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	5.27679	3.96E-05	0.00020896	1.05E-03	2.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	5.7572	3.96E-05	0.00022799	1.05E-03	2.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	6.2223	3.96E-05	0.0002464	1.05E-03	2.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	6.64799	3.96E-05	0.00026326	1.05E-03	2.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	7.01133	3.96E-05	0.00027765	1.05E-03	2.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	7.29457	3.96E-05	0.00028887	1.05E-03	3.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	7.4941	3.96E-05	0.00029677	1.05E-03	3.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	7.60268	3.96E-05	0.00030107	1.05E-03	3.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	5.0627	3.96E-05	0.00020048	1.05E-03	2.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	5.47348	3.96E-05	0.00021675	1.05E-03	2.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	5.85483	3.96E-05	0.00023185	1.05E-03	2.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	6.21627	3.96E-05	0.00024617	1.05E-03	2.57E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	6.45152	3.96E-05	0.00025548	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	6.67788	3.96E-05	0.00026445	1.05E-03	2.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	6.83709	3.96E-05	0.00027075	1.05E-03	2.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	6.92328	3.96E-05	0.00027416	1.05E-03	2.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	4.65543	3.96E-05	0.00018436	1.05E-03	1.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	4.20321	3.96E-05	0.00016645	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	3.96E-05	1.35E-05	6.05E-04	8.19E-09	14	4.71E-02	5.41E-09	1,000,000	5.4E-03
2	0.35954	3.96E-05	1.42E-05	6.05E-04	8.61E-09	14	4.71E-02	5.69E-09	1,000,000	5.69E-03
3	0.37904	3.96E-05	1.50E-05	6.05E-04	9.08E-09	14	4.71E-02	5.99E-09	1,000,000	5.99E-03
4	0.39988	3.96E-05	1.58E-05	6.05E-04	9.58E-09	14	4.71E-02	6.32E-09	1,000,000	6.32E-03
5	0.4228	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.69E-09	1,000,000	6.69E-03
6	0.34148	3.96E-05	1.35E-05	6.05E-04	8.18E-09	14	4.71E-02	5.40E-09	1,000,000	5.40E-03
7	0.35901	3.96E-05	1.42E-05	6.05E-04	8.60E-09	14	4.71E-02	5.68E-09	1,000,000	5.68E-03
8	0.37818	3.96E-05	1.50E-05	6.05E-04	9.06E-09	14	4.71E-02	5.98E-09	1,000,000	5.98E-03
9	0.39947	3.96E-05	1.58E-05	6.05E-04	9.57E-09	14	4.71E-02	6.32E-09	1,000,000	6.32E-03
10	0.42213	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.68E-09	1,000,000	6.68E-03
11	0.34078	3.96E-05	1.35E-05	6.05E-04	8.17E-09	14	4.71E-02	5.39E-09	1,000,000	5.39E-03
12	0.35833	3.96E-05	1.42E-05	6.05E-04	8.59E-09	14	4.71E-02	5.67E-09	1,000,000	5.67E-03
13	0.37751	3.96E-05	1.49E-05	6.05E-04	9.05E-09	14	4.71E-02	5.97E-09	1,000,000	5.97E-03
14	0.39878	3.96E-05	1.58E-05	6.05E-04	9.56E-09	14	4.71E-02	6.31E-09	1,000,000	6.31E-03
15	0.42126	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.66E-09	1,000,000	6.66E-03
16	0.34009	3.96E-05	1.35E-05	6.05E-04	8.15E-09	14	4.71E-02	5.38E-09	1,000,000	5.38E-03
17	0.35773	3.96E-05	1.42E-05	6.05E-04	8.57E-09	14	4.71E-02	5.66E-09	1,000,000	5.66E-03
18	0.37675	3.96E-05	1.49E-05	6.05E-04	9.03E-09	14	4.71E-02	5.96E-09	1,000,000	5.96E-03
19	0.39712	3.96E-05	1.57E-05	6.05E-04	9.52E-09	14	4.71E-02	6.28E-09	1,000,000	6.28E-03
20	0.41946	3.96E-05	1.66E-05	6.05E-04	1.01E-08	14	4.71E-02	6.63E-09	1,000,000	6.63E-03
21	0.33951	3.96E-05	1.34E-05	6.05E-04	8.13E-09	14	4.71E-02	5.37E-09	1,000,000	5.37E-03
22	0.357	3.96E-05	1.41E-05	6.05E-04	8.55E-09	14	4.71E-02	5.65E-09	1,000,000	5.65E-03
23	0.3759	3.96E-05	1.49E-05	6.05E-04	9.01E-09	14	4.71E-02	5.94E-09	1,000,000	5.94E-03
24	0.39613	3.96E-05	1.57E-05	6.05E-04	9.49E-09	14	4.71E-02	6.26E-09	1,000,000	6.26E-03
25	0.4176	3.96E-05	1.65E-05	6.05E-04	1.00E-08	14	4.71E-02	6.60E-09	1,000,000	6.60E-03
113	7.34627	3.96E-05	2.91E-04	6.05E-04	1.76E-07	14	4.71E-02	1.16E-07	1,000,000	1.16E-01
114	6.05276	3.96E-05	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.57E-08	1,000,000	9.57E-02
115	5.08606	3.96E-05	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.04E-08	1,000,000	8.04E-02
116	4.34509	3.96E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
117	6.41729	3.96E-05	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
118	5.39267	3.96E-05	2.14E-04	6.05E-04	1.29E-07	14	4.71E-02	8.53E-08	1,000,000	8.53E-02
119	4.60188	3.96E-05	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.28E-08	1,000,000	7.28E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	1.58E-04	6.05E-04	9.54E-08	14	4.71E-02	6.29E-08	1,000,000	6.29E-02
121	5.61509	3.96E-05	2.22E-04	6.05E-04	1.35E-07	14	4.71E-02	8.88E-08	1,000,000	8.88E-02
122	4.79823	3.96E-05	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.59E-08	1,000,000	7.59E-02
123	4.1508	3.96E-05	1.64E-04	6.05E-04	9.95E-08	14	4.71E-02	6.56E-08	1,000,000	6.56E-02
124	3.6305	3.96E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
125	4.92861	3.96E-05	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.79E-08	1,000,000	7.79E-02
126	4.27282	3.96E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.76E-08	1,000,000	6.76E-02
127	3.74081	3.96E-05	1.48E-04	6.05E-04	8.96E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
128	3.3049	3.96E-05	1.31E-04	6.05E-04	7.92E-08	14	4.71E-02	5.23E-08	1,000,000	5.23E-02
129	4.34137	3.96E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
130	3.81188	3.96E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
131	3.37316	3.96E-05	1.34E-04	6.05E-04	8.08E-08	14	4.71E-02	5.33E-08	1,000,000	5.33E-02
132	3.00718	3.96E-05	1.19E-04	6.05E-04	7.21E-08	14	4.71E-02	4.76E-08	1,000,000	4.76E-02
133	3.83865	3.96E-05	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
134	3.4086	3.96E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
135	3.04557	3.96E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.82E-08	1,000,000	4.82E-02
136	2.73767	3.96E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
137	3.40915	3.96E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
138	2.75499	3.96E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
139	2.49517	3.96E-05	9.88E-05	6.05E-04	5.98E-08	14	4.71E-02	3.95E-08	1,000,000	3.95E-02
140	2.47409	3.96E-05	9.80E-05	6.05E-04	5.93E-08	14	4.71E-02	3.91E-08	1,000,000	3.91E-02
141	2.2648	3.96E-05	8.97E-05	6.05E-04	5.43E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
142	2.07997	3.96E-05	8.24E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
143	1.91645	3.96E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
144	2.25171	3.96E-05	8.92E-05	6.05E-04	5.40E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
145	2.07161	3.96E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
146	1.91112	3.96E-05	7.57E-05	6.05E-04	4.58E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
147	1.76808	3.96E-05	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
148	2.06023	3.96E-05	8.16E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
149	1.9044	3.96E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
150	1.76416	3.96E-05	6.99E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
151	1.63811	3.96E-05	6.49E-05	6.05E-04	3.93E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
152	1.89337	3.96E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
154	1.63517	3.96E-05	6.48E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
155	1.52365	3.96E-05	6.03E-05	6.05E-04	3.65E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
156	1.74647	3.96E-05	6.92E-05	6.05E-04	4.18E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
157	1.62879	3.96E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
158	1.5208	3.96E-05	6.02E-05	6.05E-04	3.64E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
159	1.42197	3.96E-05	5.63E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
160	1.61617	3.96E-05	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
161	1.51345	3.96E-05	5.99E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
162	1.41845	3.96E-05	5.62E-05	6.05E-04	3.40E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
163	1.33062	3.96E-05	5.27E-05	6.05E-04	3.19E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
164	1.49999	3.96E-05	5.94E-05	6.05E-04	3.59E-08	14	4.71E-02	2.37E-08	1,000,000	2.37E-02
165	1.40998	3.96E-05	5.58E-05	6.05E-04	3.38E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
166	1.32537	3.96E-05	5.25E-05	6.05E-04	3.18E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
167	1.24744	3.96E-05	4.94E-05	6.05E-04	2.99E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
168	1.39597	3.96E-05	5.53E-05	6.05E-04	3.34E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
169	1.31673	3.96E-05	5.21E-05	6.05E-04	3.15E-08	14	4.71E-02	2.08E-08	1,000,000	2.08E-02
170	1.2417	3.96E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
171	1.1725	3.96E-05	4.64E-05	6.05E-04	2.81E-08	14	4.71E-02	1.85E-08	1,000,000	1.85E-02
172	1.30254	3.96E-05	5.16E-05	6.05E-04	3.12E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02
173	1.23245	3.96E-05	4.88E-05	6.05E-04	2.95E-08	14	4.71E-02	1.95E-08	1,000,000	1.95E-02
174	1.16588	3.96E-05	4.62E-05	6.05E-04	2.79E-08	14	4.71E-02	1.84E-08	1,000,000	1.84E-02
175	1.10404	3.96E-05	4.37E-05	6.05E-04	2.65E-08	14	4.71E-02	1.75E-08	1,000,000	1.75E-02
176	1.21837	3.96E-05	4.82E-05	6.05E-04	2.92E-08	14	4.71E-02	1.93E-08	1,000,000	1.93E-02
177	1.15607	3.96E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
178	1.09669	3.96E-05	4.34E-05	6.05E-04	2.63E-08	14	4.71E-02	1.73E-08	1,000,000	1.73E-02
179	1.04132	3.96E-05	4.12E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
180	1.14231	3.96E-05	4.52E-05	6.05E-04	2.74E-08	14	4.71E-02	1.81E-08	1,000,000	1.81E-02
181	1.08646	3.96E-05	4.30E-05	6.05E-04	2.60E-08	14	4.71E-02	1.72E-08	1,000,000	1.72E-02
182	1.03341	3.96E-05	4.09E-05	6.05E-04	2.48E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
183	0.98373	3.96E-05	3.90E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
184	1.47032	3.96E-05	5.82E-05	6.05E-04	3.52E-08	14	4.71E-02	2.33E-08	1,000,000	2.33E-02
185	1.22693	3.96E-05	4.86E-05	6.05E-04	2.94E-08	14	4.71E-02	1.94E-08	1,000,000	1.94E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.63E-05	6.05E-04	2.80E-08	14	4.71E-02	1.85E-08	1,000,000	1.85E-02
187	1.11272	3.96E-05	4.41E-05	6.05E-04	2.67E-08	14	4.71E-02	1.76E-08	1,000,000	1.76E-02
188	1.05939	3.96E-05	4.20E-05	6.05E-04	2.54E-08	14	4.71E-02	1.68E-08	1,000,000	1.68E-02
189	1.20295	3.96E-05	4.76E-05	6.05E-04	2.88E-08	14	4.71E-02	1.90E-08	1,000,000	1.90E-02
190	1.14871	3.96E-05	4.55E-05	6.05E-04	2.75E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
191	1.09647	3.96E-05	4.34E-05	6.05E-04	2.63E-08	14	4.71E-02	1.73E-08	1,000,000	1.73E-02
192	1.04648	3.96E-05	4.14E-05	6.05E-04	2.51E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
193	0.99827	3.96E-05	3.95E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
194	1.12668	3.96E-05	4.46E-05	6.05E-04	2.70E-08	14	4.71E-02	1.78E-08	1,000,000	1.78E-02
195	1.07816	3.96E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
196	1.03116	3.96E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
197	0.98567	3.96E-05	3.90E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
198	0.94272	3.96E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
199	1.05795	3.96E-05	4.19E-05	6.05E-04	2.53E-08	14	4.71E-02	1.67E-08	1,000,000	1.67E-02
200	1.01429	3.96E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
201	0.97173	3.96E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
202	0.93076	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
203	0.89179	3.96E-05	3.53E-05	6.05E-04	2.14E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
204	1.15602	3.96E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
205	0.99573	3.96E-05	3.94E-05	6.05E-04	2.39E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
206	0.95628	3.96E-05	3.79E-05	6.05E-04	2.29E-08	14	4.71E-02	1.51E-08	1,000,000	1.51E-02
207	0.91746	3.96E-05	3.63E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
208	0.88058	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
209	1.08425	3.96E-05	4.29E-05	6.05E-04	2.60E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
210	1.04875	3.96E-05	4.15E-05	6.05E-04	2.51E-08	14	4.71E-02	1.66E-08	1,000,000	1.66E-02
211	1.01225	3.96E-05	4.01E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
212	0.97562	3.96E-05	3.86E-05	6.05E-04	2.34E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
213	0.9392	3.96E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
214	0.90317	3.96E-05	3.58E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
215	0.86816	3.96E-05	3.44E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
216	1.01456	3.96E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
217	0.98857	3.96E-05	3.91E-05	6.05E-04	2.37E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
218	0.96033	3.96E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
220	0.90085	3.96E-05	3.57E-05	6.05E-04	2.16E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
221	0.87036	3.96E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
222	0.95663	3.96E-05	3.79E-05	6.05E-04	2.29E-08	14	4.71E-02	1.51E-08	1,000,000	1.51E-02
223	0.93262	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
224	0.90688	3.96E-05	3.59E-05	6.05E-04	2.17E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
225	0.88014	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
226	0.85239	3.96E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
227	0.90381	3.96E-05	3.58E-05	6.05E-04	2.17E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
228	0.8816	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
229	0.85808	3.96E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
230	0.83325	3.96E-05	3.30E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
231	0.85545	3.96E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
232	0.83509	3.96E-05	3.31E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
233	0.81339	3.96E-05	3.22E-05	6.05E-04	1.95E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
234	0.79057	3.96E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
235	0.81125	3.96E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
236	0.79245	3.96E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
237	0.77225	3.96E-05	3.06E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
238	0.75137	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
239	0.77067	3.96E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
240	0.75319	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
241	0.73446	3.96E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
242	0.71525	3.96E-05	2.83E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
243	0.8189	3.96E-05	3.24E-05	6.05E-04	1.96E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
244	0.81837	3.96E-05	3.24E-05	6.05E-04	1.96E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
245	0.81504	3.96E-05	3.23E-05	6.05E-04	1.95E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
246	0.80908	3.96E-05	3.20E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
247	0.80063	3.96E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
248	0.7899	3.96E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
249	0.77712	3.96E-05	3.08E-05	6.05E-04	1.86E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
250	0.7809	3.96E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
251	0.77971	3.96E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.07E-05	6.05E-04	1.86E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
253	0.77005	3.96E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
254	0.76183	3.96E-05	3.02E-05	6.05E-04	1.83E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
255	0.7516	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
256	0.73943	3.96E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
257	0.74551	3.96E-05	2.95E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
258	0.74381	3.96E-05	2.95E-05	6.05E-04	1.78E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
259	0.73991	3.96E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
260	0.73391	3.96E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
261	0.72596	3.96E-05	2.87E-05	6.05E-04	1.74E-08	14	4.71E-02	1.15E-08	1,000,000	1.15E-02
262	0.7162	3.96E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
263	0.70476	3.96E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
264	0.71229	3.96E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
265	0.71038	3.96E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
266	0.70634	3.96E-05	2.80E-05	6.05E-04	1.69E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
267	0.70039	3.96E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
268	0.6927	3.96E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
269	0.68343	3.96E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
270	0.67267	3.96E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
271	0.6815	3.96E-05	2.70E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
272	0.67926	3.96E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
273	0.67511	3.96E-05	2.67E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
274	0.66925	3.96E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
275	0.66183	3.96E-05	2.62E-05	6.05E-04	1.59E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
276	0.65298	3.96E-05	2.59E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
277	0.64285	3.96E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
278	0.6449	3.96E-05	2.55E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
279	0.65769	3.96E-05	2.60E-05	6.05E-04	1.58E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
280	0.68919	3.96E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
281	0.68179	3.96E-05	2.70E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
282	0.71591	3.96E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
283	0.65043	3.96E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	4.23249	3.96E-05	1.68E-04	6.05E-04	1.01E-07	9	4.71E-02	4.35E-08	1,000,000	4.35E-02
27	4.84465	3.96E-05	1.92E-04	6.05E-04	1.16E-07	9	4.71E-02	4.98E-08	1,000,000	4.98E-02
28	5.62171	3.96E-05	2.23E-04	6.05E-04	1.35E-07	9	4.71E-02	5.78E-08	1,000,000	5.78E-02
29	6.61654	3.96E-05	2.62E-04	6.05E-04	1.59E-07	9	4.71E-02	6.80E-08	1,000,000	6.80E-02
30	7.88532	3.96E-05	3.12E-04	6.05E-04	1.89E-07	9	4.71E-02	8.11E-08	1,000,000	8.11E-02
31	9.46169	3.96E-05	3.75E-04	6.05E-04	2.27E-07	9	4.71E-02	9.73E-08	1,000,000	9.73E-02
32	11.30189	3.96E-05	4.48E-04	6.05E-04	2.71E-07	9	4.71E-02	1.16E-07	1,000,000	1.16E-01
33	13.21552	3.96E-05	5.23E-04	6.05E-04	3.17E-07	9	4.71E-02	1.36E-07	1,000,000	1.36E-01
34	14.86375	3.96E-05	5.89E-04	6.05E-04	3.56E-07	9	4.71E-02	1.53E-07	1,000,000	1.53E-01
35	15.94494	3.96E-05	6.31E-04	6.05E-04	3.82E-07	9	4.71E-02	1.64E-07	1,000,000	1.64E-01
36	16.3478	3.96E-05	6.47E-04	6.05E-04	3.92E-07	9	4.71E-02	1.68E-07	1,000,000	1.68E-01
37	4.21083	3.96E-05	1.67E-04	6.05E-04	1.01E-07	9	4.71E-02	4.33E-08	1,000,000	4.33E-02
38	4.80821	3.96E-05	1.90E-04	6.05E-04	1.15E-07	9	4.71E-02	4.94E-08	1,000,000	4.94E-02
39	5.54926	3.96E-05	2.20E-04	6.05E-04	1.33E-07	9	4.71E-02	5.70E-08	1,000,000	5.70E-02
40	6.46493	3.96E-05	2.56E-04	6.05E-04	1.55E-07	9	4.71E-02	6.65E-08	1,000,000	6.65E-02
41	7.57568	3.96E-05	3.00E-04	6.05E-04	1.82E-07	9	4.71E-02	7.79E-08	1,000,000	7.79E-02
42	8.86996	3.96E-05	3.51E-04	6.05E-04	2.13E-07	9	4.71E-02	9.12E-08	1,000,000	9.12E-02
43	10.27521	3.96E-05	4.07E-04	6.05E-04	2.46E-07	9	4.71E-02	1.06E-07	1,000,000	1.06E-01
44	11.64133	3.96E-05	4.61E-04	6.05E-04	2.79E-07	9	4.71E-02	1.20E-07	1,000,000	1.20E-01
45	12.7714	3.96E-05	5.06E-04	6.05E-04	3.06E-07	9	4.71E-02	1.31E-07	1,000,000	1.31E-01
46	13.52652	3.96E-05	5.36E-04	6.05E-04	3.24E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01
47	13.8546	3.96E-05	5.49E-04	6.05E-04	3.32E-07	9	4.71E-02	1.42E-07	1,000,000	1.42E-01
48	4.18155	3.96E-05	1.66E-04	6.05E-04	1.00E-07	9	4.71E-02	4.30E-08	1,000,000	4.30E-02
49	4.75442	3.96E-05	1.88E-04	6.05E-04	1.14E-07	9	4.71E-02	4.89E-08	1,000,000	4.89E-02
50	5.44582	3.96E-05	2.16E-04	6.05E-04	1.30E-07	9	4.71E-02	5.60E-08	1,000,000	5.60E-02
51	6.26883	3.96E-05	2.48E-04	6.05E-04	1.50E-07	9	4.71E-02	6.44E-08	1,000,000	6.44E-02
52	7.22134	3.96E-05	2.86E-04	6.05E-04	1.73E-07	9	4.71E-02	7.42E-08	1,000,000	7.42E-02
53	8.27281	3.96E-05	3.28E-04	6.05E-04	1.98E-07	9	4.71E-02	8.50E-08	1,000,000	8.50E-02
54	9.35344	3.96E-05	3.70E-04	6.05E-04	2.24E-07	9	4.71E-02	9.61E-08	1,000,000	9.61E-02
55	10.35712	3.96E-05	4.10E-04	6.05E-04	2.48E-07	9	4.71E-02	1.06E-07	1,000,000	1.06E-01
56	11.16855	3.96E-05	4.42E-04	6.05E-04	2.68E-07	9	4.71E-02	1.15E-07	1,000,000	1.15E-01
57	11.72067	3.96E-05	4.64E-04	6.05E-04	2.81E-07	9	4.71E-02	1.20E-07	1,000,000	1.20E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	4.75E-04	6.05E-04	2.87E-07	9	4.71E-02	1.23E-07	1,000,000	1.23E-01
59	4.14049	3.96E-05	1.64E-04	6.05E-04	9.92E-08	9	4.71E-02	4.26E-08	1,000,000	4.26E-02
60	4.68044	3.96E-05	1.85E-04	6.05E-04	1.12E-07	9	4.71E-02	4.81E-08	1,000,000	4.81E-02
61	5.31348	3.96E-05	2.10E-04	6.05E-04	1.27E-07	9	4.71E-02	5.46E-08	1,000,000	5.46E-02
62	6.04037	3.96E-05	2.39E-04	6.05E-04	1.45E-07	9	4.71E-02	6.21E-08	1,000,000	6.21E-02
63	6.84733	3.96E-05	2.71E-04	6.05E-04	1.64E-07	9	4.71E-02	7.04E-08	1,000,000	7.04E-02
64	7.69973	3.96E-05	3.05E-04	6.05E-04	1.84E-07	9	4.71E-02	7.91E-08	1,000,000	7.91E-02
65	8.54033	3.96E-05	3.38E-04	6.05E-04	2.05E-07	9	4.71E-02	8.78E-08	1,000,000	8.78E-02
66	9.29682	3.96E-05	3.68E-04	6.05E-04	2.23E-07	9	4.71E-02	9.56E-08	1,000,000	9.56E-02
67	9.90008	3.96E-05	3.92E-04	6.05E-04	2.37E-07	9	4.71E-02	1.02E-07	1,000,000	1.02E-01
68	10.31671	3.96E-05	4.09E-04	6.05E-04	2.47E-07	9	4.71E-02	1.06E-07	1,000,000	1.06E-01
69	10.52893	3.96E-05	4.17E-04	6.05E-04	2.52E-07	9	4.71E-02	1.08E-07	1,000,000	1.08E-01
70	4.08561	3.96E-05	1.62E-04	6.05E-04	9.79E-08	9	4.71E-02	4.20E-08	1,000,000	4.20E-02
71	4.58676	3.96E-05	1.82E-04	6.05E-04	1.10E-07	9	4.71E-02	4.71E-08	1,000,000	4.71E-02
72	5.15779	3.96E-05	2.04E-04	6.05E-04	1.24E-07	9	4.71E-02	5.30E-08	1,000,000	5.30E-02
73	5.79219	3.96E-05	2.29E-04	6.05E-04	1.39E-07	9	4.71E-02	5.95E-08	1,000,000	5.95E-02
74	6.47177	3.96E-05	2.56E-04	6.05E-04	1.55E-07	9	4.71E-02	6.65E-08	1,000,000	6.65E-02
75	7.1646	3.96E-05	2.84E-04	6.05E-04	1.72E-07	9	4.71E-02	7.36E-08	1,000,000	7.36E-02
76	7.82678	3.96E-05	3.10E-04	6.05E-04	1.88E-07	9	4.71E-02	8.05E-08	1,000,000	8.05E-02
77	8.40942	3.96E-05	3.33E-04	6.05E-04	2.01E-07	9	4.71E-02	8.64E-08	1,000,000	8.64E-02
78	8.86983	3.96E-05	3.51E-04	6.05E-04	2.13E-07	9	4.71E-02	9.12E-08	1,000,000	9.12E-02
79	9.19127	3.96E-05	3.64E-04	6.05E-04	2.20E-07	9	4.71E-02	9.45E-08	1,000,000	9.45E-02
80	9.36139	3.96E-05	3.71E-04	6.05E-04	2.24E-07	9	4.71E-02	9.62E-08	1,000,000	9.62E-02
81	4.01682	3.96E-05	1.59E-04	6.05E-04	9.62E-08	9	4.71E-02	4.13E-08	1,000,000	4.13E-02
82	4.47603	3.96E-05	1.77E-04	6.05E-04	1.07E-07	9	4.71E-02	4.60E-08	1,000,000	4.60E-02
83	4.98543	3.96E-05	1.97E-04	6.05E-04	1.19E-07	9	4.71E-02	5.12E-08	1,000,000	5.12E-02
84	5.53499	3.96E-05	2.19E-04	6.05E-04	1.33E-07	9	4.71E-02	5.69E-08	1,000,000	5.69E-02
85	6.1062	3.96E-05	2.42E-04	6.05E-04	1.46E-07	9	4.71E-02	6.28E-08	1,000,000	6.28E-02
86	6.67215	3.96E-05	2.64E-04	6.05E-04	1.60E-07	9	4.71E-02	6.86E-08	1,000,000	6.86E-02
87	7.20017	3.96E-05	2.85E-04	6.05E-04	1.73E-07	9	4.71E-02	7.40E-08	1,000,000	7.40E-02
88	7.65696	3.96E-05	3.03E-04	6.05E-04	1.83E-07	9	4.71E-02	7.87E-08	1,000,000	7.87E-02
89	8.01539	3.96E-05	3.17E-04	6.05E-04	1.92E-07	9	4.71E-02	8.24E-08	1,000,000	8.24E-02
90	8.26727	3.96E-05	3.27E-04	6.05E-04	1.98E-07	9	4.71E-02	8.50E-08	1,000,000	8.50E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	3.33E-04	6.05E-04	2.01E-07	9	4.71E-02	8.64E-08	1,000,000	8.64E-02
92	3.93535	3.96E-05	1.56E-04	6.05E-04	9.43E-08	9	4.71E-02	4.05E-08	1,000,000	4.05E-02
93	4.35187	3.96E-05	1.72E-04	6.05E-04	1.04E-07	9	4.71E-02	4.47E-08	1,000,000	4.47E-02
94	4.80273	3.96E-05	1.90E-04	6.05E-04	1.15E-07	9	4.71E-02	4.94E-08	1,000,000	4.94E-02
95	5.27679	3.96E-05	2.09E-04	6.05E-04	1.26E-07	9	4.71E-02	5.42E-08	1,000,000	5.42E-02
96	5.7572	3.96E-05	2.28E-04	6.05E-04	1.38E-07	9	4.71E-02	5.92E-08	1,000,000	5.92E-02
97	6.2223	3.96E-05	2.46E-04	6.05E-04	1.49E-07	9	4.71E-02	6.40E-08	1,000,000	6.40E-02
98	6.64799	3.96E-05	2.63E-04	6.05E-04	1.59E-07	9	4.71E-02	6.83E-08	1,000,000	6.83E-02
99	7.01133	3.96E-05	2.78E-04	6.05E-04	1.68E-07	9	4.71E-02	7.21E-08	1,000,000	7.21E-02
100	7.29457	3.96E-05	2.89E-04	6.05E-04	1.75E-07	9	4.71E-02	7.50E-08	1,000,000	7.50E-02
101	7.4941	3.96E-05	2.97E-04	6.05E-04	1.80E-07	9	4.71E-02	7.70E-08	1,000,000	7.70E-02
102	7.60268	3.96E-05	3.01E-04	6.05E-04	1.82E-07	9	4.71E-02	7.81E-08	1,000,000	7.81E-02
103	5.0627	3.96E-05	2.00E-04	6.05E-04	1.21E-07	9	4.71E-02	5.20E-08	1,000,000	5.20E-02
104	5.47348	3.96E-05	2.17E-04	6.05E-04	1.31E-07	9	4.71E-02	5.63E-08	1,000,000	5.63E-02
105	5.85483	3.96E-05	2.32E-04	6.05E-04	1.40E-07	9	4.71E-02	6.02E-08	1,000,000	6.02E-02
106	6.21627	3.96E-05	2.46E-04	6.05E-04	1.49E-07	9	4.71E-02	6.39E-08	1,000,000	6.39E-02
107	6.45152	3.96E-05	2.55E-04	6.05E-04	1.55E-07	9	4.71E-02	6.63E-08	1,000,000	6.63E-02
108	6.67788	3.96E-05	2.64E-04	6.05E-04	1.60E-07	9	4.71E-02	6.86E-08	1,000,000	6.86E-02
109	6.83709	3.96E-05	2.71E-04	6.05E-04	1.64E-07	9	4.71E-02	7.03E-08	1,000,000	7.03E-02
110	6.92328	3.96E-05	2.74E-04	6.05E-04	1.66E-07	9	4.71E-02	7.12E-08	1,000,000	7.12E-02
111	4.65543	3.96E-05	1.84E-04	6.05E-04	1.12E-07	9	4.71E-02	4.79E-08	1,000,000	4.79E-02
112	4.20321	3.96E-05	1.66E-04	6.05E-04	1.01E-07	9	4.71E-02	4.32E-08	1,000,000	4.32E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	3.96E-05	1.35E-05	2.50E-04	3.39E-09	14	1.15E-02	5.44E-10	1000000.0	5.4E-04
2	0.35954	3.96E-05	1.42E-05	2.50E-04	3.56E-09	14	1.15E-02	5.72E-10	1,000,000	5.72E-04
3	0.37904	3.96E-05	1.50E-05	2.50E-04	3.76E-09	14	1.15E-02	6.03E-10	1,000,000	6.03E-04
4	0.39988	3.96E-05	1.58E-05	2.50E-04	3.96E-09	14	1.15E-02	6.36E-10	1,000,000	6.36E-04
5	0.4228	3.96E-05	1.67E-05	2.50E-04	4.19E-09	14	1.15E-02	6.73E-10	1,000,000	6.73E-04
6	0.34148	3.96E-05	1.35E-05	2.50E-04	3.38E-09	14	1.15E-02	5.44E-10	1,000,000	5.44E-04
7	0.35901	3.96E-05	1.42E-05	2.50E-04	3.56E-09	14	1.15E-02	5.71E-10	1,000,000	5.71E-04
8	0.37818	3.96E-05	1.50E-05	2.50E-04	3.75E-09	14	1.15E-02	6.02E-10	1,000,000	6.02E-04
9	0.39947	3.96E-05	1.58E-05	2.50E-04	3.96E-09	14	1.15E-02	6.36E-10	1,000,000	6.36E-04
10	0.42213	3.96E-05	1.67E-05	2.50E-04	4.18E-09	14	1.15E-02	6.72E-10	1,000,000	6.72E-04
11	0.34078	3.96E-05	1.35E-05	2.50E-04	3.38E-09	14	1.15E-02	5.42E-10	1,000,000	5.42E-04
12	0.35833	3.96E-05	1.42E-05	2.50E-04	3.55E-09	14	1.15E-02	5.70E-10	1,000,000	5.70E-04
13	0.37751	3.96E-05	1.49E-05	2.50E-04	3.74E-09	14	1.15E-02	6.01E-10	1,000,000	6.01E-04
14	0.39878	3.96E-05	1.58E-05	2.50E-04	3.95E-09	14	1.15E-02	6.35E-10	1,000,000	6.35E-04
15	0.42126	3.96E-05	1.67E-05	2.50E-04	4.18E-09	14	1.15E-02	6.71E-10	1,000,000	6.71E-04
16	0.34009	3.96E-05	1.35E-05	2.50E-04	3.37E-09	14	1.15E-02	5.41E-10	1,000,000	5.41E-04
17	0.35773	3.96E-05	1.42E-05	2.50E-04	3.55E-09	14	1.15E-02	5.69E-10	1,000,000	5.69E-04
18	0.37675	3.96E-05	1.49E-05	2.50E-04	3.73E-09	14	1.15E-02	6.00E-10	1,000,000	6.00E-04
19	0.39712	3.96E-05	1.57E-05	2.50E-04	3.94E-09	14	1.15E-02	6.32E-10	1,000,000	6.32E-04
20	0.41946	3.96E-05	1.66E-05	2.50E-04	4.16E-09	14	1.15E-02	6.68E-10	1,000,000	6.68E-04
21	0.33951	3.96E-05	1.34E-05	2.50E-04	3.36E-09	14	1.15E-02	5.40E-10	1,000,000	5.40E-04
22	0.357	3.96E-05	1.41E-05	2.50E-04	3.54E-09	14	1.15E-02	5.68E-10	1,000,000	5.68E-04
23	0.3759	3.96E-05	1.49E-05	2.50E-04	3.73E-09	14	1.15E-02	5.98E-10	1,000,000	5.98E-04
24	0.39613	3.96E-05	1.57E-05	2.50E-04	3.93E-09	14	1.15E-02	6.31E-10	1,000,000	6.31E-04
25	0.4176	3.96E-05	1.65E-05	2.50E-04	4.14E-09	14	1.15E-02	6.65E-10	1,000,000	6.65E-04
113	7.34627	3.96E-05	2.91E-04	2.50E-04	7.28E-08	14	1.15E-02	1.17E-08	1,000,000	1.17E-02
114	6.05276	3.96E-05	2.40E-04	2.50E-04	6.00E-08	14	1.15E-02	9.63E-09	1,000,000	9.63E-03
115	5.08606	3.96E-05	2.01E-04	2.50E-04	5.04E-08	14	1.15E-02	8.10E-09	1,000,000	8.10E-03
116	4.34509	3.96E-05	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
117	6.41729	3.96E-05	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
118	5.39267	3.96E-05	2.14E-04	2.50E-04	5.34E-08	14	1.15E-02	8.58E-09	1,000,000	8.58E-03
119	4.60188	3.96E-05	1.82E-04	2.50E-04	4.56E-08	14	1.15E-02	7.32E-09	1,000,000	7.32E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	1.58E-04	2.50E-04	3.94E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
121	5.61509	3.96E-05	2.22E-04	2.50E-04	5.57E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
122	4.79823	3.96E-05	1.90E-04	2.50E-04	4.76E-08	14	1.15E-02	7.64E-09	1,000,000	7.64E-03
123	4.1508	3.96E-05	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.61E-09	1,000,000	6.61E-03
124	3.6305	3.96E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
125	4.92861	3.96E-05	1.95E-04	2.50E-04	4.88E-08	14	1.15E-02	7.84E-09	1,000,000	7.84E-03
126	4.27282	3.96E-05	1.69E-04	2.50E-04	4.23E-08	14	1.15E-02	6.80E-09	1,000,000	6.80E-03
127	3.74081	3.96E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
128	3.3049	3.96E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.26E-09	1,000,000	5.26E-03
129	4.34137	3.96E-05	1.72E-04	2.50E-04	4.30E-08	14	1.15E-02	6.91E-09	1,000,000	6.91E-03
130	3.81188	3.96E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
131	3.37316	3.96E-05	1.34E-04	2.50E-04	3.34E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
132	3.00718	3.96E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.79E-09	1,000,000	4.79E-03
133	3.83865	3.96E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
134	3.4086	3.96E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
135	3.04557	3.96E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
136	2.73767	3.96E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
137	3.40915	3.96E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
138	2.75499	3.96E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
139	2.49517	3.96E-05	9.88E-05	2.50E-04	2.47E-08	14	1.15E-02	3.97E-09	1,000,000	3.97E-03
140	2.47409	3.96E-05	9.80E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
141	2.2648	3.96E-05	8.97E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
142	2.07997	3.96E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
143	1.91645	3.96E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
144	2.25171	3.96E-05	8.92E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
145	2.07161	3.96E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
146	1.91112	3.96E-05	7.57E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
147	1.76808	3.96E-05	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
148	2.06023	3.96E-05	8.16E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
149	1.9044	3.96E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
150	1.76416	3.96E-05	6.99E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
151	1.63811	3.96E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
152	1.89337	3.96E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
154	1.63517	3.96E-05	6.48E-05	2.50E-04	1.62E-08	14	1.15E-02	2.60E-09	1,000,000	2.60E-03
155	1.52365	3.96E-05	6.03E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03
156	1.74647	3.96E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
157	1.62879	3.96E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
158	1.5208	3.96E-05	6.02E-05	2.50E-04	1.51E-08	14	1.15E-02	2.42E-09	1,000,000	2.42E-03
159	1.42197	3.96E-05	5.63E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
160	1.61617	3.96E-05	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
161	1.51345	3.96E-05	5.99E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
162	1.41845	3.96E-05	5.62E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
163	1.33062	3.96E-05	5.27E-05	2.50E-04	1.32E-08	14	1.15E-02	2.12E-09	1,000,000	2.12E-03
164	1.49999	3.96E-05	5.94E-05	2.50E-04	1.49E-08	14	1.15E-02	2.39E-09	1,000,000	2.39E-03
165	1.40998	3.96E-05	5.58E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
166	1.32537	3.96E-05	5.25E-05	2.50E-04	1.31E-08	14	1.15E-02	2.11E-09	1,000,000	2.11E-03
167	1.24744	3.96E-05	4.94E-05	2.50E-04	1.24E-08	14	1.15E-02	1.99E-09	1,000,000	1.99E-03
168	1.39597	3.96E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
169	1.31673	3.96E-05	5.21E-05	2.50E-04	1.30E-08	14	1.15E-02	2.10E-09	1,000,000	2.10E-03
170	1.2417	3.96E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
171	1.1725	3.96E-05	4.64E-05	2.50E-04	1.16E-08	14	1.15E-02	1.87E-09	1,000,000	1.87E-03
172	1.30254	3.96E-05	5.16E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03
173	1.23245	3.96E-05	4.88E-05	2.50E-04	1.22E-08	14	1.15E-02	1.96E-09	1,000,000	1.96E-03
174	1.16588	3.96E-05	4.62E-05	2.50E-04	1.16E-08	14	1.15E-02	1.86E-09	1,000,000	1.86E-03
175	1.10404	3.96E-05	4.37E-05	2.50E-04	1.09E-08	14	1.15E-02	1.76E-09	1,000,000	1.76E-03
176	1.21837	3.96E-05	4.82E-05	2.50E-04	1.21E-08	14	1.15E-02	1.94E-09	1,000,000	1.94E-03
177	1.15607	3.96E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
178	1.09669	3.96E-05	4.34E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
179	1.04132	3.96E-05	4.12E-05	2.50E-04	1.03E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
180	1.14231	3.96E-05	4.52E-05	2.50E-04	1.13E-08	14	1.15E-02	1.82E-09	1,000,000	1.82E-03
181	1.08646	3.96E-05	4.30E-05	2.50E-04	1.08E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
182	1.03341	3.96E-05	4.09E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
183	0.98373	3.96E-05	3.90E-05	2.50E-04	9.75E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
184	1.47032	3.96E-05	5.82E-05	2.50E-04	1.46E-08	14	1.15E-02	2.34E-09	1,000,000	2.34E-03
185	1.22693	3.96E-05	4.86E-05	2.50E-04	1.22E-08	14	1.15E-02	1.95E-09	1,000,000	1.95E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.63E-05	2.50E-04	1.16E-08	14	1.15E-02	1.86E-09	1,000,000	1.86E-03
187	1.11272	3.96E-05	4.41E-05	2.50E-04	1.10E-08	14	1.15E-02	1.77E-09	1,000,000	1.77E-03
188	1.05939	3.96E-05	4.20E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
189	1.20295	3.96E-05	4.76E-05	2.50E-04	1.19E-08	14	1.15E-02	1.91E-09	1,000,000	1.91E-03
190	1.14871	3.96E-05	4.55E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
191	1.09647	3.96E-05	4.34E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
192	1.04648	3.96E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
193	0.99827	3.96E-05	3.95E-05	2.50E-04	9.89E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
194	1.12668	3.96E-05	4.46E-05	2.50E-04	1.12E-08	14	1.15E-02	1.79E-09	1,000,000	1.79E-03
195	1.07816	3.96E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
196	1.03116	3.96E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
197	0.98567	3.96E-05	3.90E-05	2.50E-04	9.77E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
198	0.94272	3.96E-05	3.73E-05	2.50E-04	9.34E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
199	1.05795	3.96E-05	4.19E-05	2.50E-04	1.05E-08	14	1.15E-02	1.68E-09	1,000,000	1.68E-03
200	1.01429	3.96E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
201	0.97173	3.96E-05	3.85E-05	2.50E-04	9.63E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
202	0.93076	3.96E-05	3.69E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
203	0.89179	3.96E-05	3.53E-05	2.50E-04	8.84E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
204	1.15602	3.96E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
205	0.99573	3.96E-05	3.94E-05	2.50E-04	9.87E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
206	0.95628	3.96E-05	3.79E-05	2.50E-04	9.48E-09	14	1.15E-02	1.52E-09	1,000,000	1.52E-03
207	0.91746	3.96E-05	3.63E-05	2.50E-04	9.09E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
208	0.88058	3.96E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
209	1.08425	3.96E-05	4.29E-05	2.50E-04	1.07E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
210	1.04875	3.96E-05	4.15E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
211	1.01225	3.96E-05	4.01E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
212	0.97562	3.96E-05	3.86E-05	2.50E-04	9.67E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
213	0.9392	3.96E-05	3.72E-05	2.50E-04	9.31E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
214	0.90317	3.96E-05	3.58E-05	2.50E-04	8.95E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
215	0.86816	3.96E-05	3.44E-05	2.50E-04	8.60E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
216	1.01456	3.96E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
217	0.98857	3.96E-05	3.91E-05	2.50E-04	9.80E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
218	0.96033	3.96E-05	3.80E-05	2.50E-04	9.52E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.69E-05	2.50E-04	9.23E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
220	0.90085	3.96E-05	3.57E-05	2.50E-04	8.93E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
221	0.87036	3.96E-05	3.45E-05	2.50E-04	8.63E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
222	0.95663	3.96E-05	3.79E-05	2.50E-04	9.48E-09	14	1.15E-02	1.52E-09	1,000,000	1.52E-03
223	0.93262	3.96E-05	3.69E-05	2.50E-04	9.24E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
224	0.90688	3.96E-05	3.59E-05	2.50E-04	8.99E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
225	0.88014	3.96E-05	3.49E-05	2.50E-04	8.72E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
226	0.85239	3.96E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
227	0.90381	3.96E-05	3.58E-05	2.50E-04	8.96E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
228	0.8816	3.96E-05	3.49E-05	2.50E-04	8.74E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
229	0.85808	3.96E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
230	0.83325	3.96E-05	3.30E-05	2.50E-04	8.26E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
231	0.85545	3.96E-05	3.39E-05	2.50E-04	8.48E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
232	0.83509	3.96E-05	3.31E-05	2.50E-04	8.28E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
233	0.81339	3.96E-05	3.22E-05	2.50E-04	8.06E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
234	0.79057	3.96E-05	3.13E-05	2.50E-04	7.84E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
235	0.81125	3.96E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
236	0.79245	3.96E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
237	0.77225	3.96E-05	3.06E-05	2.50E-04	7.65E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
238	0.75137	3.96E-05	2.98E-05	2.50E-04	7.45E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
239	0.77067	3.96E-05	3.05E-05	2.50E-04	7.64E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
240	0.75319	3.96E-05	2.98E-05	2.50E-04	7.46E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
241	0.73446	3.96E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
242	0.71525	3.96E-05	2.83E-05	2.50E-04	7.09E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
243	0.8189	3.96E-05	3.24E-05	2.50E-04	8.12E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
244	0.81837	3.96E-05	3.24E-05	2.50E-04	8.11E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
245	0.81504	3.96E-05	3.23E-05	2.50E-04	8.08E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
246	0.80908	3.96E-05	3.20E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
247	0.80063	3.96E-05	3.17E-05	2.50E-04	7.93E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
248	0.7899	3.96E-05	3.13E-05	2.50E-04	7.83E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
249	0.77712	3.96E-05	3.08E-05	2.50E-04	7.70E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
250	0.7809	3.96E-05	3.09E-05	2.50E-04	7.74E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
251	0.77971	3.96E-05	3.09E-05	2.50E-04	7.73E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.07E-05	2.50E-04	7.69E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
253	0.77005	3.96E-05	3.05E-05	2.50E-04	7.63E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
254	0.76183	3.96E-05	3.02E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
255	0.7516	3.96E-05	2.98E-05	2.50E-04	7.45E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
256	0.73943	3.96E-05	2.93E-05	2.50E-04	7.33E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
257	0.74551	3.96E-05	2.95E-05	2.50E-04	7.39E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
258	0.74381	3.96E-05	2.95E-05	2.50E-04	7.37E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
259	0.73991	3.96E-05	2.93E-05	2.50E-04	7.33E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
260	0.73391	3.96E-05	2.91E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
261	0.72596	3.96E-05	2.87E-05	2.50E-04	7.19E-09	14	1.15E-02	1.16E-09	1,000,000	1.16E-03
262	0.7162	3.96E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
263	0.70476	3.96E-05	2.79E-05	2.50E-04	6.98E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
264	0.71229	3.96E-05	2.82E-05	2.50E-04	7.06E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
265	0.71038	3.96E-05	2.81E-05	2.50E-04	7.04E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
266	0.70634	3.96E-05	2.80E-05	2.50E-04	7.00E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
267	0.70039	3.96E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
268	0.6927	3.96E-05	2.74E-05	2.50E-04	6.87E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
269	0.68343	3.96E-05	2.71E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
270	0.67267	3.96E-05	2.66E-05	2.50E-04	6.67E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
271	0.6815	3.96E-05	2.70E-05	2.50E-04	6.75E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
272	0.67926	3.96E-05	2.69E-05	2.50E-04	6.73E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
273	0.67511	3.96E-05	2.67E-05	2.50E-04	6.69E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
274	0.66925	3.96E-05	2.65E-05	2.50E-04	6.63E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
275	0.66183	3.96E-05	2.62E-05	2.50E-04	6.56E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
276	0.65298	3.96E-05	2.59E-05	2.50E-04	6.47E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
277	0.64285	3.96E-05	2.55E-05	2.50E-04	6.37E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
278	0.6449	3.96E-05	2.55E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
279	0.65769	3.96E-05	2.60E-05	2.50E-04	6.52E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
280	0.68919	3.96E-05	2.73E-05	2.50E-04	6.83E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
281	0.68179	3.96E-05	2.70E-05	2.50E-04	6.76E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
282	0.71591	3.96E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
283	0.65043	3.96E-05	2.58E-05	2.50E-04	6.45E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	4.23249	3.96E-05	1.68E-04	2.50E-04	4.19E-08	29	1.15E-02	1.41E-08	1,000,000	1.41E-02
27	4.84465	3.96E-05	1.92E-04	2.50E-04	4.80E-08	29	1.15E-02	1.62E-08	1,000,000	1.62E-02
28	5.62171	3.96E-05	2.23E-04	2.50E-04	5.57E-08	29	1.15E-02	1.88E-08	1,000,000	1.88E-02
29	6.61654	3.96E-05	2.62E-04	2.50E-04	6.56E-08	29	1.15E-02	2.21E-08	1,000,000	2.21E-02
30	7.88532	3.96E-05	3.12E-04	2.50E-04	7.82E-08	29	1.15E-02	2.63E-08	1,000,000	2.63E-02
31	9.46169	3.96E-05	3.75E-04	2.50E-04	9.38E-08	29	1.15E-02	3.16E-08	1,000,000	3.16E-02
32	11.30189	3.96E-05	4.48E-04	2.50E-04	1.12E-07	29	1.15E-02	3.77E-08	1,000,000	3.77E-02
33	13.21552	3.96E-05	5.23E-04	2.50E-04	1.31E-07	29	1.15E-02	4.41E-08	1,000,000	4.41E-02
34	14.86375	3.96E-05	5.89E-04	2.50E-04	1.47E-07	29	1.15E-02	4.96E-08	1,000,000	4.96E-02
35	15.94494	3.96E-05	6.31E-04	2.50E-04	1.58E-07	29	1.15E-02	5.32E-08	1,000,000	5.32E-02
36	16.3478	3.96E-05	6.47E-04	2.50E-04	1.62E-07	29	1.15E-02	5.46E-08	1,000,000	5.46E-02
37	4.21083	3.96E-05	1.67E-04	2.50E-04	4.17E-08	29	1.15E-02	1.41E-08	1,000,000	1.41E-02
38	4.80821	3.96E-05	1.90E-04	2.50E-04	4.77E-08	29	1.15E-02	1.60E-08	1,000,000	1.60E-02
39	5.54926	3.96E-05	2.20E-04	2.50E-04	5.50E-08	29	1.15E-02	1.85E-08	1,000,000	1.85E-02
40	6.46493	3.96E-05	2.56E-04	2.50E-04	6.41E-08	29	1.15E-02	2.16E-08	1,000,000	2.16E-02
41	7.57568	3.96E-05	3.00E-04	2.50E-04	7.51E-08	29	1.15E-02	2.53E-08	1,000,000	2.53E-02
42	8.86996	3.96E-05	3.51E-04	2.50E-04	8.79E-08	29	1.15E-02	2.96E-08	1,000,000	2.96E-02
43	10.27521	3.96E-05	4.07E-04	2.50E-04	1.02E-07	29	1.15E-02	3.43E-08	1,000,000	3.43E-02
44	11.64133	3.96E-05	4.61E-04	2.50E-04	1.15E-07	29	1.15E-02	3.88E-08	1,000,000	3.88E-02
45	12.7714	3.96E-05	5.06E-04	2.50E-04	1.27E-07	29	1.15E-02	4.26E-08	1,000,000	4.26E-02
46	13.52652	3.96E-05	5.36E-04	2.50E-04	1.34E-07	29	1.15E-02	4.51E-08	1,000,000	4.51E-02
47	13.8546	3.96E-05	5.49E-04	2.50E-04	1.37E-07	29	1.15E-02	4.62E-08	1,000,000	4.62E-02
48	4.18155	3.96E-05	1.66E-04	2.50E-04	4.14E-08	29	1.15E-02	1.40E-08	1,000,000	1.40E-02
49	4.75442	3.96E-05	1.88E-04	2.50E-04	4.71E-08	29	1.15E-02	1.59E-08	1,000,000	1.59E-02
50	5.44582	3.96E-05	2.16E-04	2.50E-04	5.40E-08	29	1.15E-02	1.82E-08	1,000,000	1.82E-02
51	6.26883	3.96E-05	2.48E-04	2.50E-04	6.21E-08	29	1.15E-02	2.09E-08	1,000,000	2.09E-02
52	7.22134	3.96E-05	2.86E-04	2.50E-04	7.16E-08	29	1.15E-02	2.41E-08	1,000,000	2.41E-02
53	8.27281	3.96E-05	3.28E-04	2.50E-04	8.20E-08	29	1.15E-02	2.76E-08	1,000,000	2.76E-02
54	9.35344	3.96E-05	3.70E-04	2.50E-04	9.27E-08	29	1.15E-02	3.12E-08	1,000,000	3.12E-02
55	10.35712	3.96E-05	4.10E-04	2.50E-04	1.03E-07	29	1.15E-02	3.46E-08	1,000,000	3.46E-02
56	11.16855	3.96E-05	4.42E-04	2.50E-04	1.11E-07	29	1.15E-02	3.73E-08	1,000,000	3.73E-02
57	11.72067	3.96E-05	4.64E-04	2.50E-04	1.16E-07	29	1.15E-02	3.91E-08	1,000,000	3.91E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	4.75E-04	2.50E-04	1.19E-07	29	1.15E-02	4.00E-08	1,000,000	4.00E-02
59	4.14049	3.96E-05	1.64E-04	2.50E-04	4.10E-08	29	1.15E-02	1.38E-08	1,000,000	1.38E-02
60	4.68044	3.96E-05	1.85E-04	2.50E-04	4.64E-08	29	1.15E-02	1.56E-08	1,000,000	1.56E-02
61	5.31348	3.96E-05	2.10E-04	2.50E-04	5.27E-08	29	1.15E-02	1.77E-08	1,000,000	1.77E-02
62	6.04037	3.96E-05	2.39E-04	2.50E-04	5.99E-08	29	1.15E-02	2.02E-08	1,000,000	2.02E-02
63	6.84733	3.96E-05	2.71E-04	2.50E-04	6.79E-08	29	1.15E-02	2.28E-08	1,000,000	2.28E-02
64	7.69973	3.96E-05	3.05E-04	2.50E-04	7.63E-08	29	1.15E-02	2.57E-08	1,000,000	2.57E-02
65	8.54033	3.96E-05	3.38E-04	2.50E-04	8.46E-08	29	1.15E-02	2.85E-08	1,000,000	2.85E-02
66	9.29682	3.96E-05	3.68E-04	2.50E-04	9.21E-08	29	1.15E-02	3.10E-08	1,000,000	3.10E-02
67	9.90008	3.96E-05	3.92E-04	2.50E-04	9.81E-08	29	1.15E-02	3.30E-08	1,000,000	3.30E-02
68	10.31671	3.96E-05	4.09E-04	2.50E-04	1.02E-07	29	1.15E-02	3.44E-08	1,000,000	3.44E-02
69	10.52893	3.96E-05	4.17E-04	2.50E-04	1.04E-07	29	1.15E-02	3.51E-08	1,000,000	3.51E-02
70	4.08561	3.96E-05	1.62E-04	2.50E-04	4.05E-08	29	1.15E-02	1.36E-08	1,000,000	1.36E-02
71	4.58676	3.96E-05	1.82E-04	2.50E-04	4.55E-08	29	1.15E-02	1.53E-08	1,000,000	1.53E-02
72	5.15779	3.96E-05	2.04E-04	2.50E-04	5.11E-08	29	1.15E-02	1.72E-08	1,000,000	1.72E-02
73	5.79219	3.96E-05	2.29E-04	2.50E-04	5.74E-08	29	1.15E-02	1.93E-08	1,000,000	1.93E-02
74	6.47177	3.96E-05	2.56E-04	2.50E-04	6.41E-08	29	1.15E-02	2.16E-08	1,000,000	2.16E-02
75	7.1646	3.96E-05	2.84E-04	2.50E-04	7.10E-08	29	1.15E-02	2.39E-08	1,000,000	2.39E-02
76	7.82678	3.96E-05	3.10E-04	2.50E-04	7.76E-08	29	1.15E-02	2.61E-08	1,000,000	2.61E-02
77	8.40942	3.96E-05	3.33E-04	2.50E-04	8.33E-08	29	1.15E-02	2.81E-08	1,000,000	2.81E-02
78	8.86983	3.96E-05	3.51E-04	2.50E-04	8.79E-08	29	1.15E-02	2.96E-08	1,000,000	2.96E-02
79	9.19127	3.96E-05	3.64E-04	2.50E-04	9.11E-08	29	1.15E-02	3.07E-08	1,000,000	3.07E-02
80	9.36139	3.96E-05	3.71E-04	2.50E-04	9.28E-08	29	1.15E-02	3.12E-08	1,000,000	3.12E-02
81	4.01682	3.96E-05	1.59E-04	2.50E-04	3.98E-08	29	1.15E-02	1.34E-08	1,000,000	1.34E-02
82	4.47603	3.96E-05	1.77E-04	2.50E-04	4.44E-08	29	1.15E-02	1.49E-08	1,000,000	1.49E-02
83	4.98543	3.96E-05	1.97E-04	2.50E-04	4.94E-08	29	1.15E-02	1.66E-08	1,000,000	1.66E-02
84	5.53499	3.96E-05	2.19E-04	2.50E-04	5.49E-08	29	1.15E-02	1.85E-08	1,000,000	1.85E-02
85	6.1062	3.96E-05	2.42E-04	2.50E-04	6.05E-08	29	1.15E-02	2.04E-08	1,000,000	2.04E-02
86	6.67215	3.96E-05	2.64E-04	2.50E-04	6.61E-08	29	1.15E-02	2.23E-08	1,000,000	2.23E-02
87	7.20017	3.96E-05	2.85E-04	2.50E-04	7.14E-08	29	1.15E-02	2.40E-08	1,000,000	2.40E-02
88	7.65696	3.96E-05	3.03E-04	2.50E-04	7.59E-08	29	1.15E-02	2.56E-08	1,000,000	2.56E-02
89	8.01539	3.96E-05	3.17E-04	2.50E-04	7.94E-08	29	1.15E-02	2.67E-08	1,000,000	2.67E-02
90	8.26727	3.96E-05	3.27E-04	2.50E-04	8.19E-08	29	1.15E-02	2.76E-08	1,000,000	2.76E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	3.33E-04	2.50E-04	8.33E-08	29	1.15E-02	2.80E-08	1,000,000	2.80E-02
92	3.93535	3.96E-05	1.56E-04	2.50E-04	3.90E-08	29	1.15E-02	1.31E-08	1,000,000	1.31E-02
93	4.35187	3.96E-05	1.72E-04	2.50E-04	4.31E-08	29	1.15E-02	1.45E-08	1,000,000	1.45E-02
94	4.80273	3.96E-05	1.90E-04	2.50E-04	4.76E-08	29	1.15E-02	1.60E-08	1,000,000	1.60E-02
95	5.27679	3.96E-05	2.09E-04	2.50E-04	5.23E-08	29	1.15E-02	1.76E-08	1,000,000	1.76E-02
96	5.7572	3.96E-05	2.28E-04	2.50E-04	5.71E-08	29	1.15E-02	1.92E-08	1,000,000	1.92E-02
97	6.2223	3.96E-05	2.46E-04	2.50E-04	6.17E-08	29	1.15E-02	2.08E-08	1,000,000	2.08E-02
98	6.64799	3.96E-05	2.63E-04	2.50E-04	6.59E-08	29	1.15E-02	2.22E-08	1,000,000	2.22E-02
99	7.01133	3.96E-05	2.78E-04	2.50E-04	6.95E-08	29	1.15E-02	2.34E-08	1,000,000	2.34E-02
100	7.29457	3.96E-05	2.89E-04	2.50E-04	7.23E-08	29	1.15E-02	2.43E-08	1,000,000	2.43E-02
101	7.4941	3.96E-05	2.97E-04	2.50E-04	7.43E-08	29	1.15E-02	2.50E-08	1,000,000	2.50E-02
102	7.60268	3.96E-05	3.01E-04	2.50E-04	7.53E-08	29	1.15E-02	2.54E-08	1,000,000	2.54E-02
103	5.0627	3.96E-05	2.00E-04	2.50E-04	5.02E-08	29	1.15E-02	1.69E-08	1,000,000	1.69E-02
104	5.47348	3.96E-05	2.17E-04	2.50E-04	5.42E-08	29	1.15E-02	1.83E-08	1,000,000	1.83E-02
105	5.85483	3.96E-05	2.32E-04	2.50E-04	5.80E-08	29	1.15E-02	1.95E-08	1,000,000	1.95E-02
106	6.21627	3.96E-05	2.46E-04	2.50E-04	6.16E-08	29	1.15E-02	2.07E-08	1,000,000	2.07E-02
107	6.45152	3.96E-05	2.55E-04	2.50E-04	6.39E-08	29	1.15E-02	2.15E-08	1,000,000	2.15E-02
108	6.67788	3.96E-05	2.64E-04	2.50E-04	6.62E-08	29	1.15E-02	2.23E-08	1,000,000	2.23E-02
109	6.83709	3.96E-05	2.71E-04	2.50E-04	6.78E-08	29	1.15E-02	2.28E-08	1,000,000	2.28E-02
110	6.92328	3.96E-05	2.74E-04	2.50E-04	6.86E-08	29	1.15E-02	2.31E-08	1,000,000	2.31E-02
111	4.65543	3.96E-05	1.84E-04	2.50E-04	4.61E-08	29	1.15E-02	1.55E-08	1,000,000	1.55E-02
112	4.20321	3.96E-05	1.66E-04	2.50E-04	4.17E-08	29	1.15E-02	1.40E-08	1,000,000	1.40E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	9.0E-03	School	0.1680	36	5	8.12E-06	0.00039	36	School
2	9.4E-03	Res	0.1924	113	5	8.54E-06	0.0002	113	Res
3	9.9E-03	Teachers	0.055	36	5	9.01E-06	0.00039	36	Teachers
4	1.0E-02				5	9.50E-06			
5	1.1E-02				5	1.00E-05			
6	8.9E-03				5	8.11E-06			
7	9.4E-03				5	8.53E-06			
8	9.9E-03				5	8.99E-06			
9	1.0E-02				5	9.49E-06			
10	1.1E-02				5	1.00E-05			
11	8.9E-03				5	8.10E-06			
12	9.4E-03				5	8.51E-06			
13	9.9E-03				5	8.97E-06			
14	1.0E-02				5	9.48E-06			
15	1.1E-02				5	1.00E-05			
16	8.9E-03				5	8.08E-06			
17	9.4E-03				5	8.50E-06			
18	9.9E-03				5	8.95E-06			
19	1.0E-02				5	9.44E-06			
20	1.1E-02				5	9.97E-06			
21	8.9E-03				5	8.07E-06			
22	9.3E-03				5	8.48E-06			
23	9.8E-03				5	8.93E-06			
24	1.0E-02				5	9.41E-06			
25	1.1E-02				5	9.92E-06			
113	1.9E-01				5	1.75E-04			
114	1.6E-01				5	1.44E-04			
115	1.3E-01				5	1.21E-04			
116	1.1E-01				5	1.03E-04			
117	1.7E-01				5	1.52E-04			
118	1.4E-01				5	1.28E-04			
119	1.2E-01				5	1.09E-04			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.0E-01				5	9.46E-05		
121	1.5E-01				5	1.33E-04		
122	1.3E-01				5	1.14E-04		
123	1.1E-01				5	9.86E-05		
124	9.5E-02				5	8.63E-05		
125	1.3E-01				5	1.17E-04		
126	1.1E-01				5	1.02E-04		
127	9.8E-02				5	8.89E-05		
128	8.7E-02				5	7.85E-05		
129	1.1E-01				5	1.03E-04		
130	1.0E-01				5	9.06E-05		
131	8.8E-02				5	8.01E-05		
132	7.9E-02				5	7.15E-05		
133	1.0E-01				5	9.12E-05		
134	8.9E-02				5	8.10E-05		
135	8.0E-02				5	7.24E-05		
136	7.2E-02				5	6.50E-05		
137	8.9E-02				5	8.10E-05		
138	7.2E-02				5	6.55E-05		
139	6.5E-02				5	5.93E-05		
140	6.5E-02				5	5.88E-05		
141	5.9E-02				5	5.38E-05		
142	5.4E-02				5	4.94E-05		
143	5.0E-02				5	4.55E-05		
144	5.9E-02				5	5.35E-05		
145	5.4E-02				5	4.92E-05		
146	5.0E-02				5	4.54E-05		
147	4.6E-02				5	4.20E-05		
148	5.4E-02				5	4.90E-05		
149	5.0E-02				5	4.52E-05		
150	4.6E-02				5	4.19E-05		
151	4.3E-02				5	3.89E-05		
152	5.0E-02				5	4.50E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	4.6E-02				5	4.18E-05		
154	4.3E-02				5	3.89E-05		
155	4.0E-02				5	3.62E-05		
156	4.6E-02				5	4.15E-05		
157	4.3E-02				5	3.87E-05		
158	4.0E-02				5	3.61E-05		
159	3.7E-02				5	3.38E-05		
160	4.2E-02				5	3.84E-05		
161	4.0E-02				5	3.60E-05		
162	3.7E-02				5	3.37E-05		
163	3.5E-02				5	3.16E-05		
164	3.9E-02				5	3.56E-05		
165	3.7E-02				5	3.35E-05		
166	3.5E-02				5	3.15E-05		
167	3.3E-02				5	2.96E-05		
168	3.7E-02				5	3.32E-05		
169	3.4E-02				5	3.13E-05		
170	3.3E-02				5	2.95E-05		
171	3.1E-02				5	2.79E-05		
172	3.4E-02				5	3.09E-05		
173	3.2E-02				5	2.93E-05		
174	3.1E-02				5	2.77E-05		
175	2.9E-02				5	2.62E-05		
176	3.2E-02				5	2.89E-05		
177	3.0E-02				5	2.75E-05		
178	2.9E-02				5	2.61E-05		
179	2.7E-02				5	2.47E-05		
180	3.0E-02				5	2.71E-05		
181	2.8E-02				5	2.58E-05		
182	2.7E-02				5	2.46E-05		
183	2.6E-02				5	2.34E-05		
184	3.9E-02				5	3.49E-05		
185	3.2E-02				5	2.92E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	3.1E-02				5	2.78E-05		
187	2.9E-02				5	2.64E-05		
188	2.8E-02				5	2.52E-05		
189	3.2E-02				5	2.86E-05		
190	3.0E-02				5	2.73E-05		
191	2.9E-02				5	2.61E-05		
192	2.7E-02				5	2.49E-05		
193	2.6E-02				5	2.37E-05		
194	3.0E-02				5	2.68E-05		
195	2.8E-02				5	2.56E-05		
196	2.7E-02				5	2.45E-05		
197	2.6E-02				5	2.34E-05		
198	2.5E-02				5	2.24E-05		
199	2.8E-02				5	2.51E-05		
200	2.7E-02				5	2.41E-05		
201	2.5E-02				5	2.31E-05		
202	2.4E-02				5	2.21E-05		
203	2.3E-02				5	2.12E-05		
204	3.0E-02				5	2.75E-05		
205	2.6E-02				5	2.37E-05		
206	2.5E-02				5	2.27E-05		
207	2.4E-02				5	2.18E-05		
208	2.3E-02				5	2.09E-05		
209	2.8E-02				5	2.58E-05		
210	2.7E-02				5	2.49E-05		
211	2.7E-02				5	2.41E-05		
212	2.6E-02				5	2.32E-05		
213	2.5E-02				5	2.23E-05		
214	2.4E-02				5	2.15E-05		
215	2.3E-02				5	2.06E-05		
216	2.7E-02				5	2.41E-05		
217	2.6E-02				5	2.35E-05		
218	2.5E-02				5	2.28E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	2.4E-02				5	2.21E-05		
220	2.4E-02				5	2.14E-05		
221	2.3E-02				5	2.07E-05		
222	2.5E-02				5	2.27E-05		
223	2.4E-02				5	2.22E-05		
224	2.4E-02				5	2.15E-05		
225	2.3E-02				5	2.09E-05		
226	2.2E-02				5	2.03E-05		
227	2.4E-02				5	2.15E-05		
228	2.3E-02				5	2.09E-05		
229	2.2E-02				5	2.04E-05		
230	2.2E-02				5	1.98E-05		
231	2.2E-02				5	2.03E-05		
232	2.2E-02				5	1.98E-05		
233	2.1E-02				5	1.93E-05		
234	2.1E-02				5	1.88E-05		
235	2.1E-02				5	1.93E-05		
236	2.1E-02				5	1.88E-05		
237	2.0E-02				5	1.83E-05		
238	2.0E-02				5	1.79E-05		
239	2.0E-02				5	1.83E-05		
240	2.0E-02				5	1.79E-05		
241	1.9E-02				5	1.75E-05		
242	1.9E-02				5	1.70E-05		
243	2.1E-02				5	1.95E-05		
244	2.1E-02				5	1.94E-05		
245	2.1E-02				5	1.94E-05		
246	2.1E-02				5	1.92E-05		
247	2.1E-02				5	1.90E-05		
248	2.1E-02				5	1.88E-05		
249	2.0E-02				5	1.85E-05		
250	2.0E-02				5	1.86E-05		
251	2.0E-02				5	1.85E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	2.0E-02				5	1.84E-05		
253	2.0E-02				5	1.83E-05		
254	2.0E-02				5	1.81E-05		
255	2.0E-02				5	1.79E-05		
256	1.9E-02				5	1.76E-05		
257	2.0E-02				5	1.77E-05		
258	1.9E-02				5	1.77E-05		
259	1.9E-02				5	1.76E-05		
260	1.9E-02				5	1.74E-05		
261	1.9E-02				5	1.72E-05		
262	1.9E-02				5	1.70E-05		
263	1.8E-02				5	1.67E-05		
264	1.9E-02				5	1.69E-05		
265	1.9E-02				5	1.69E-05		
266	1.8E-02				5	1.68E-05		
267	1.8E-02				5	1.66E-05		
268	1.8E-02				5	1.65E-05		
269	1.8E-02				5	1.62E-05		
270	1.8E-02				5	1.60E-05		
271	1.8E-02				5	1.62E-05		
272	1.8E-02				5	1.61E-05		
273	1.8E-02				5	1.60E-05		
274	1.8E-02				5	1.59E-05		
275	1.7E-02				5	1.57E-05		
276	1.7E-02				5	1.55E-05		
277	1.7E-02				5	1.53E-05		
278	1.7E-02				5	1.53E-05		
279	1.7E-02				5	1.56E-05		
280	1.8E-02				5	1.64E-05		
281	1.8E-02				5	1.62E-05		
282	1.9E-02				5	1.70E-05		
283	1.7E-02				5	1.55E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	4.4E-02	1.4E-02			5	1.01E-04		
27	5.0E-02	1.6E-02			5	1.15E-04		
28	5.8E-02	1.9E-02			5	1.34E-04		
29	6.8E-02	2.2E-02			5	1.57E-04		
30	8.1E-02	2.6E-02			5	1.87E-04		
31	9.7E-02	3.2E-02			5	2.25E-04		
32	1.2E-01	3.8E-02			5	2.69E-04		
33	1.4E-01	4.4E-02			5	3.14E-04		
34	1.5E-01	5.0E-02			5	3.53E-04		
35	1.6E-01	5.3E-02			5	3.79E-04		
36	1.7E-01	5.5E-02			5	3.88E-04		
37	4.3E-02	1.4E-02			5	1.00E-04		
38	4.9E-02	1.6E-02			5	1.14E-04		
39	5.7E-02	1.9E-02			5	1.32E-04		
40	6.6E-02	2.2E-02			5	1.54E-04		
41	7.8E-02	2.5E-02			5	1.80E-04		
42	9.1E-02	3.0E-02			5	2.11E-04		
43	1.1E-01	3.4E-02			5	2.44E-04		
44	1.2E-01	3.9E-02			5	2.77E-04		
45	1.3E-01	4.3E-02			5	3.03E-04		
46	1.4E-01	4.5E-02			5	3.21E-04		
47	1.4E-01	4.6E-02			5	3.29E-04		
48	4.3E-02	1.4E-02			5	9.94E-05		
49	4.9E-02	1.6E-02			5	1.13E-04		
50	5.6E-02	1.8E-02			5	1.29E-04		
51	6.4E-02	2.1E-02			5	1.49E-04		
52	7.4E-02	2.4E-02			5	1.72E-04		
53	8.5E-02	2.8E-02			5	1.97E-04		
54	9.6E-02	3.1E-02			5	2.22E-04		
55	1.1E-01	3.5E-02			5	2.46E-04		
56	1.1E-01	3.7E-02			5	2.65E-04		
57	1.2E-01	3.9E-02			5	2.78E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.2E-01	4.0E-02			5	2.85E-04		
59	4.3E-02	1.4E-02			5	9.84E-05		
60	4.8E-02	1.6E-02			5	1.11E-04		
61	5.5E-02	1.8E-02			5	1.26E-04		
62	6.2E-02	2.0E-02			5	1.44E-04		
63	7.0E-02	2.3E-02			5	1.63E-04		
64	7.9E-02	2.6E-02			5	1.83E-04		
65	8.8E-02	2.8E-02			5	2.03E-04		
66	9.6E-02	3.1E-02			5	2.21E-04		
67	1.0E-01	3.3E-02			5	2.35E-04		
68	1.1E-01	3.4E-02			5	2.45E-04		
69	1.1E-01	3.5E-02			5	2.50E-04		
70	4.2E-02	1.4E-02			5	9.71E-05		
71	4.7E-02	1.5E-02			5	1.09E-04		
72	5.3E-02	1.7E-02			5	1.23E-04		
73	6.0E-02	1.9E-02			5	1.38E-04		
74	6.7E-02	2.2E-02			5	1.54E-04		
75	7.4E-02	2.4E-02			5	1.70E-04		
76	8.0E-02	2.6E-02			5	1.86E-04		
77	8.6E-02	2.8E-02			5	2.00E-04		
78	9.1E-02	3.0E-02			5	2.11E-04		
79	9.4E-02	3.1E-02			5	2.18E-04		
80	9.6E-02	3.1E-02			5	2.22E-04		
81	4.1E-02	1.3E-02			5	9.54E-05		
82	4.6E-02	1.5E-02			5	1.06E-04		
83	5.1E-02	1.7E-02			5	1.18E-04		
84	5.7E-02	1.8E-02			5	1.32E-04		
85	6.3E-02	2.0E-02			5	1.45E-04		
86	6.9E-02	2.2E-02			5	1.59E-04		
87	7.4E-02	2.4E-02			5	1.71E-04		
88	7.9E-02	2.6E-02			5	1.82E-04		
89	8.2E-02	2.7E-02			5	1.90E-04		
90	8.5E-02	2.8E-02			5	1.96E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	8.6E-02	2.8E-02			5	2.00E-04		
92	4.0E-02	1.3E-02			5	9.35E-05		
93	4.5E-02	1.5E-02			5	1.03E-04		
94	4.9E-02	1.6E-02			5	1.14E-04		
95	5.4E-02	1.8E-02			5	1.25E-04		
96	5.9E-02	1.9E-02			5	1.37E-04		
97	6.4E-02	2.1E-02			5	1.48E-04		
98	6.8E-02	2.2E-02			5	1.58E-04		
99	7.2E-02	2.3E-02			5	1.67E-04		
100	7.5E-02	2.4E-02			5	1.73E-04		
101	7.7E-02	2.5E-02			5	1.78E-04		
102	7.8E-02	2.5E-02			5	1.81E-04		
103	5.2E-02	1.7E-02			5	1.20E-04		
104	5.6E-02	1.8E-02			5	1.30E-04		
105	6.0E-02	2.0E-02			5	1.39E-04		
106	6.4E-02	2.1E-02			5	1.48E-04		
107	6.6E-02	2.2E-02			5	1.53E-04		
108	6.9E-02	2.2E-02			5	1.59E-04		
109	7.0E-02	2.3E-02			5	1.62E-04		
110	7.1E-02	2.3E-02			5	1.64E-04		
111	4.8E-02	1.6E-02			5	1.11E-04		
112	4.3E-02	1.4E-02			5	9.99E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	**2.09E-05**	8.82E-06	1.05E-03	9.22E-09	1.35	1.57E-01	1.96E-09	1,000,000	1.96E-03
2	0.44702	2.0854E-05	9.3223E-06	1.05E-03	9.74E-09	1.35	1.57E-01	2.07E-09	1,000,000	2.07E-03
3	0.474	2.0854E-05	9.8849E-06	1.05E-03	1.03E-08	1.35	1.57E-01	2.19E-09	1,000,000	2.19E-03
4	0.50323	2.0854E-05	1.0495E-05	1.05E-03	1.10E-08	1.35	1.57E-01	2.33E-09	1,000,000	2.33E-03
5	0.53592	2.0854E-05	1.1176E-05	1.05E-03	1.17E-08	1.35	1.57E-01	2.48E-09	1,000,000	2.48E-03
6	0.42159	2.0854E-05	8.792E-06	1.05E-03	9.19E-09	1.35	1.57E-01	1.95E-09	1,000,000	1.95E-03
7	0.44558	2.0854E-05	9.2923E-06	1.05E-03	9.71E-09	1.35	1.57E-01	2.06E-09	1,000,000	2.06E-03
8	0.47218	2.0854E-05	9.847E-06	1.05E-03	1.03E-08	1.35	1.57E-01	2.18E-09	1,000,000	2.18E-03
9	0.5022	2.0854E-05	1.0473E-05	1.05E-03	1.09E-08	1.35	1.57E-01	2.32E-09	1,000,000	2.32E-03
10	0.53475	2.0854E-05	1.1152E-05	1.05E-03	1.17E-08	1.35	1.57E-01	2.47E-09	1,000,000	2.47E-03
11	0.41999	2.0854E-05	8.7586E-06	1.05E-03	9.15E-09	1.35	1.57E-01	1.94E-09	1,000,000	1.94E-03
12	0.44409	2.0854E-05	9.2612E-06	1.05E-03	9.68E-09	1.35	1.57E-01	2.05E-09	1,000,000	2.05E-03
13	0.47085	2.0854E-05	9.8193E-06	1.05E-03	1.03E-08	1.35	1.57E-01	2.18E-09	1,000,000	2.18E-03
14	0.50104	2.0854E-05	1.0449E-05	1.05E-03	1.09E-08	1.35	1.57E-01	2.32E-09	1,000,000	2.32E-03
15	0.53359	2.0854E-05	1.1128E-05	1.05E-03	1.16E-08	1.35	1.57E-01	2.47E-09	1,000,000	2.47E-03
16	0.41858	2.0854E-05	8.7292E-06	1.05E-03	9.12E-09	1.35	1.57E-01	1.94E-09	1,000,000	1.94E-03
17	0.44293	2.0854E-05	9.237E-06	1.05E-03	9.65E-09	1.35	1.57E-01	2.05E-09	1,000,000	2.05E-03
18	0.46962	2.0854E-05	9.7936E-06	1.05E-03	1.02E-08	1.35	1.57E-01	2.17E-09	1,000,000	2.17E-03
19	0.49874	2.0854E-05	1.0401E-05	1.05E-03	1.09E-08	1.35	1.57E-01	2.31E-09	1,000,000	2.31E-03
20	0.53133	2.0854E-05	1.1081E-05	1.05E-03	1.16E-08	1.35	1.57E-01	2.46E-09	1,000,000	2.46E-03
21	0.41749	2.0854E-05	8.7065E-06	1.05E-03	9.10E-09	1.35	1.57E-01	1.93E-09	1,000,000	1.93E-03
22	0.44177	2.0854E-05	9.2128E-06	1.05E-03	9.63E-09	1.35	1.57E-01	2.04E-09	1,000,000	2.04E-03
23	0.46848	2.0854E-05	9.7698E-06	1.05E-03	1.02E-08	1.35	1.57E-01	2.17E-09	1,000,000	2.17E-03
24	0.49763	2.0854E-05	1.0378E-05	1.05E-03	1.08E-08	1.35	1.57E-01	2.30E-09	1,000,000	2.30E-03
25	0.52919	2.0854E-05	1.1036E-05	1.05E-03	1.15E-08	1.35	1.57E-01	2.45E-09	1,000,000	2.45E-03
113	3.90167	2.0854E-05	8.1367E-05	1.05E-03	8.50E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
114	3.39794	2.0854E-05	7.0862E-05	1.05E-03	7.41E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
115	2.98873	2.0854E-05	6.2328E-05	1.05E-03	6.51E-08	1.35	1.57E-01	1.38E-08	1,000,000	1.38E-02
116	2.65183	2.0854E-05	5.5302E-05	1.05E-03	5.78E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
117	3.94839	2.0854E-05	8.2341E-05	1.05E-03	8.61E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
118	3.42956	2.0854E-05	7.1521E-05	1.05E-03	7.48E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
119	3.01054	2.0854E-05	6.2783E-05	1.05E-03	6.56E-08	1.35	1.57E-01	1.39E-08	1,000,000	1.39E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.5621E-05	1.05E-03	5.81E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
121	3.97407	2.0854E-05	8.2877E-05	1.05E-03	8.66E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
122	3.44562	2.0854E-05	7.1856E-05	1.05E-03	7.51E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
123	3.02055	2.0854E-05	6.2991E-05	1.05E-03	6.58E-08	1.35	1.57E-01	1.40E-08	1,000,000	1.40E-02
124	2.67321	2.0854E-05	5.5748E-05	1.05E-03	5.83E-08	1.35	1.57E-01	1.24E-08	1,000,000	1.24E-02
125	3.97582	2.0854E-05	8.2913E-05	1.05E-03	8.67E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
126	3.44389	2.0854E-05	7.182E-05	1.05E-03	7.51E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
127	3.01697	2.0854E-05	6.2917E-05	1.05E-03	6.58E-08	1.35	1.57E-01	1.40E-08	1,000,000	1.40E-02
128	2.66869	2.0854E-05	5.5654E-05	1.05E-03	5.82E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
129	3.94968	2.0854E-05	8.2368E-05	1.05E-03	8.61E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
130	3.42149	2.0854E-05	7.1353E-05	1.05E-03	7.46E-08	1.35	1.57E-01	1.58E-08	1,000,000	1.58E-02
131	2.99766	2.0854E-05	6.2514E-05	1.05E-03	6.53E-08	1.35	1.57E-01	1.39E-08	1,000,000	1.39E-02
132	2.65193	2.0854E-05	5.5304E-05	1.05E-03	5.78E-08	1.35	1.57E-01	1.23E-08	1,000,000	1.23E-02
133	3.89044	2.0854E-05	8.1132E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
134	3.37504	2.0854E-05	7.0384E-05	1.05E-03	7.36E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
135	2.96037	2.0854E-05	6.1736E-05	1.05E-03	6.45E-08	1.35	1.57E-01	1.37E-08	1,000,000	1.37E-02
136	2.62142	2.0854E-05	5.4668E-05	1.05E-03	5.71E-08	1.35	1.57E-01	1.21E-08	1,000,000	1.21E-02
137	3.79171	2.0854E-05	7.9074E-05	1.05E-03	8.26E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
138	2.90229	2.0854E-05	6.0525E-05	1.05E-03	6.33E-08	1.35	1.57E-01	1.34E-08	1,000,000	1.34E-02
139	2.5753	2.0854E-05	5.3706E-05	1.05E-03	5.61E-08	1.35	1.57E-01	1.19E-08	1,000,000	1.19E-02
140	3.23131	2.0854E-05	6.7387E-05	1.05E-03	7.04E-08	1.35	1.57E-01	1.49E-08	1,000,000	1.49E-02
141	2.87436	2.0854E-05	5.9943E-05	1.05E-03	6.27E-08	1.35	1.57E-01	1.33E-08	1,000,000	1.33E-02
142	2.57435	2.0854E-05	5.3686E-05	1.05E-03	5.61E-08	1.35	1.57E-01	1.19E-08	1,000,000	1.19E-02
143	2.31933	2.0854E-05	4.8368E-05	1.05E-03	5.06E-08	1.35	1.57E-01	1.07E-08	1,000,000	1.07E-02
144	2.98003	2.0854E-05	6.2146E-05	1.05E-03	6.50E-08	1.35	1.57E-01	1.38E-08	1,000,000	1.38E-02
145	2.6756	2.0854E-05	5.5798E-05	1.05E-03	5.83E-08	1.35	1.57E-01	1.24E-08	1,000,000	1.24E-02
146	2.41656	2.0854E-05	5.0396E-05	1.05E-03	5.27E-08	1.35	1.57E-01	1.12E-08	1,000,000	1.12E-02
147	2.19358	2.0854E-05	4.5746E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
148	2.72128	2.0854E-05	5.675E-05	1.05E-03	5.93E-08	1.35	1.57E-01	1.26E-08	1,000,000	1.26E-02
149	2.4651	2.0854E-05	5.1408E-05	1.05E-03	5.37E-08	1.35	1.57E-01	1.14E-08	1,000,000	1.14E-02
150	2.24504	2.0854E-05	4.6819E-05	1.05E-03	4.89E-08	1.35	1.57E-01	1.04E-08	1,000,000	1.04E-02
151	2.05371	2.0854E-05	4.2829E-05	1.05E-03	4.48E-08	1.35	1.57E-01	9.50E-09	1,000,000	9.50E-03
152	2.47133	2.0854E-05	5.1538E-05	1.05E-03	5.39E-08	1.35	1.57E-01	1.14E-08	1,000,000	1.14E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.704E-05	1.05E-03	4.92E-08	1.35	1.57E-01	1.04E-08	1,000,000	1.04E-02
154	2.0695	2.0854E-05	4.3158E-05	1.05E-03	4.51E-08	1.35	1.57E-01	9.57E-09	1,000,000	9.57E-03
155	1.90676	2.0854E-05	3.9764E-05	1.05E-03	4.16E-08	1.35	1.57E-01	8.82E-09	1,000,000	8.82E-03
156	2.24407	2.0854E-05	4.6799E-05	1.05E-03	4.89E-08	1.35	1.57E-01	1.04E-08	1,000,000	1.04E-02
157	2.05922	2.0854E-05	4.2944E-05	1.05E-03	4.49E-08	1.35	1.57E-01	9.52E-09	1,000,000	9.52E-03
158	1.89991	2.0854E-05	3.9621E-05	1.05E-03	4.14E-08	1.35	1.57E-01	8.79E-09	1,000,000	8.79E-03
159	1.76073	2.0854E-05	3.6719E-05	1.05E-03	3.84E-08	1.35	1.57E-01	8.14E-09	1,000,000	8.14E-03
160	2.04776	2.0854E-05	4.2705E-05	1.05E-03	4.46E-08	1.35	1.57E-01	9.47E-09	1,000,000	9.47E-03
161	1.88464	2.0854E-05	3.9303E-05	1.05E-03	4.11E-08	1.35	1.57E-01	8.71E-09	1,000,000	8.71E-03
162	1.74473	2.0854E-05	3.6385E-05	1.05E-03	3.80E-08	1.35	1.57E-01	8.07E-09	1,000,000	8.07E-03
163	1.62295	2.0854E-05	3.3846E-05	1.05E-03	3.54E-08	1.35	1.57E-01	7.50E-09	1,000,000	7.50E-03
164	1.88309	2.0854E-05	3.9271E-05	1.05E-03	4.10E-08	1.35	1.57E-01	8.71E-09	1,000,000	8.71E-03
165	1.73548	2.0854E-05	3.6192E-05	1.05E-03	3.78E-08	1.35	1.57E-01	8.03E-09	1,000,000	8.03E-03
166	1.60783	2.0854E-05	3.353E-05	1.05E-03	3.50E-08	1.35	1.57E-01	7.43E-09	1,000,000	7.43E-03
167	1.4985	2.0854E-05	3.125E-05	1.05E-03	3.27E-08	1.35	1.57E-01	6.93E-09	1,000,000	6.93E-03
168	1.74492	2.0854E-05	3.6389E-05	1.05E-03	3.80E-08	1.35	1.57E-01	8.07E-09	1,000,000	8.07E-03
169	1.61002	2.0854E-05	3.3576E-05	1.05E-03	3.51E-08	1.35	1.57E-01	7.44E-09	1,000,000	7.44E-03
170	1.49235	2.0854E-05	3.1122E-05	1.05E-03	3.25E-08	1.35	1.57E-01	6.90E-09	1,000,000	6.90E-03
171	1.39186	2.0854E-05	2.9026E-05	1.05E-03	3.03E-08	1.35	1.57E-01	6.44E-09	1,000,000	6.44E-03
172	1.62624	2.0854E-05	3.3914E-05	1.05E-03	3.54E-08	1.35	1.57E-01	7.52E-09	1,000,000	7.52E-03
173	1.50344	2.0854E-05	3.1353E-05	1.05E-03	3.28E-08	1.35	1.57E-01	6.95E-09	1,000,000	6.95E-03
174	1.39493	2.0854E-05	2.909E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.45E-09	1,000,000	6.45E-03
175	1.30116	2.0854E-05	2.7135E-05	1.05E-03	2.84E-08	1.35	1.57E-01	6.02E-09	1,000,000	6.02E-03
176	1.52117	2.0854E-05	3.1723E-05	1.05E-03	3.32E-08	1.35	1.57E-01	7.03E-09	1,000,000	7.03E-03
177	1.41048	2.0854E-05	2.9415E-05	1.05E-03	3.07E-08	1.35	1.57E-01	6.52E-09	1,000,000	6.52E-03
178	1.31099	2.0854E-05	2.734E-05	1.05E-03	2.86E-08	1.35	1.57E-01	6.06E-09	1,000,000	6.06E-03
179	1.22373	2.0854E-05	2.552E-05	1.05E-03	2.67E-08	1.35	1.57E-01	5.66E-09	1,000,000	5.66E-03
180	1.42594	2.0854E-05	2.9737E-05	1.05E-03	3.11E-08	1.35	1.57E-01	6.59E-09	1,000,000	6.59E-03
181	1.32674	2.0854E-05	2.7668E-05	1.05E-03	2.89E-08	1.35	1.57E-01	6.13E-09	1,000,000	6.13E-03
182	1.23665	2.0854E-05	2.5789E-05	1.05E-03	2.70E-08	1.35	1.57E-01	5.72E-09	1,000,000	5.72E-03
183	1.15625	2.0854E-05	2.4113E-05	1.05E-03	2.52E-08	1.35	1.57E-01	5.35E-09	1,000,000	5.35E-03
184	1.884	2.0854E-05	3.929E-05	1.05E-03	4.11E-08	1.35	1.57E-01	8.71E-09	1,000,000	8.71E-03
185	1.60578	2.0854E-05	3.3487E-05	1.05E-03	3.50E-08	1.35	1.57E-01	7.43E-09	1,000,000	7.43E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.1156E-05	1.05E-03	3.26E-08	1.35	1.57E-01	6.91E-09	1,000,000	6.91E-03
187	1.39129	2.0854E-05	2.9014E-05	1.05E-03	3.03E-08	1.35	1.57E-01	6.43E-09	1,000,000	6.43E-03
188	1.29666	2.0854E-05	2.7041E-05	1.05E-03	2.83E-08	1.35	1.57E-01	6.00E-09	1,000,000	6.00E-03
189	1.59927	2.0854E-05	3.3352E-05	1.05E-03	3.49E-08	1.35	1.57E-01	7.40E-09	1,000,000	7.40E-03
190	1.49375	2.0854E-05	3.1151E-05	1.05E-03	3.26E-08	1.35	1.57E-01	6.91E-09	1,000,000	6.91E-03
191	1.39636	2.0854E-05	2.912E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.46E-09	1,000,000	6.46E-03
192	1.30623	2.0854E-05	2.7241E-05	1.05E-03	2.85E-08	1.35	1.57E-01	6.04E-09	1,000,000	6.04E-03
193	1.22194	2.0854E-05	2.5483E-05	1.05E-03	2.66E-08	1.35	1.57E-01	5.65E-09	1,000,000	5.65E-03
194	1.48423	2.0854E-05	3.0953E-05	1.05E-03	3.24E-08	1.35	1.57E-01	6.86E-09	1,000,000	6.86E-03
195	1.3924	2.0854E-05	2.9038E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.44E-09	1,000,000	6.44E-03
196	1.307	2.0854E-05	2.7257E-05	1.05E-03	2.85E-08	1.35	1.57E-01	6.04E-09	1,000,000	6.04E-03
197	1.2269	2.0854E-05	2.5586E-05	1.05E-03	2.67E-08	1.35	1.57E-01	5.67E-09	1,000,000	5.67E-03
198	1.15305	2.0854E-05	2.4046E-05	1.05E-03	2.51E-08	1.35	1.57E-01	5.33E-09	1,000,000	5.33E-03
199	1.38128	2.0854E-05	2.8806E-05	1.05E-03	3.01E-08	1.35	1.57E-01	6.39E-09	1,000,000	6.39E-03
200	1.3007	2.0854E-05	2.7125E-05	1.05E-03	2.84E-08	1.35	1.57E-01	6.01E-09	1,000,000	6.01E-03
201	1.22519	2.0854E-05	2.555E-05	1.05E-03	2.67E-08	1.35	1.57E-01	5.67E-09	1,000,000	5.67E-03
202	1.15461	2.0854E-05	2.4079E-05	1.05E-03	2.52E-08	1.35	1.57E-01	5.34E-09	1,000,000	5.34E-03
203	1.08892	2.0854E-05	2.2709E-05	1.05E-03	2.37E-08	1.35	1.57E-01	5.04E-09	1,000,000	5.04E-03
204	1.62889	2.0854E-05	3.3969E-05	1.05E-03	3.55E-08	1.35	1.57E-01	7.53E-09	1,000,000	7.53E-03
205	1.2888	2.0854E-05	2.6877E-05	1.05E-03	2.81E-08	1.35	1.57E-01	5.96E-09	1,000,000	5.96E-03
206	1.21764	2.0854E-05	2.5393E-05	1.05E-03	2.65E-08	1.35	1.57E-01	5.63E-09	1,000,000	5.63E-03
207	1.15028	2.0854E-05	2.3988E-05	1.05E-03	2.51E-08	1.35	1.57E-01	5.32E-09	1,000,000	5.32E-03
208	1.08805	2.0854E-05	2.2691E-05	1.05E-03	2.37E-08	1.35	1.57E-01	5.03E-09	1,000,000	5.03E-03
209	1.50457	2.0854E-05	3.1377E-05	1.05E-03	3.28E-08	1.35	1.57E-01	6.96E-09	1,000,000	6.96E-03
210	1.42234	2.0854E-05	2.9662E-05	1.05E-03	3.10E-08	1.35	1.57E-01	6.58E-09	1,000,000	6.58E-03
211	1.34505	2.0854E-05	2.805E-05	1.05E-03	2.93E-08	1.35	1.57E-01	6.22E-09	1,000,000	6.22E-03
212	1.273	2.0854E-05	2.6548E-05	1.05E-03	2.77E-08	1.35	1.57E-01	5.89E-09	1,000,000	5.89E-03
213	1.20552	2.0854E-05	2.514E-05	1.05E-03	2.63E-08	1.35	1.57E-01	5.57E-09	1,000,000	5.57E-03
214	1.14188	2.0854E-05	2.3813E-05	1.05E-03	2.49E-08	1.35	1.57E-01	5.28E-09	1,000,000	5.28E-03
215	1.08232	2.0854E-05	2.2571E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.00E-09	1,000,000	5.00E-03
216	1.4319	2.0854E-05	2.9861E-05	1.05E-03	3.12E-08	1.35	1.57E-01	6.62E-09	1,000,000	6.62E-03
217	1.36378	2.0854E-05	2.8441E-05	1.05E-03	2.97E-08	1.35	1.57E-01	6.31E-09	1,000,000	6.31E-03
218	1.29655	2.0854E-05	2.7039E-05	1.05E-03	2.83E-08	1.35	1.57E-01	6.00E-09	1,000,000	6.00E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.5715E-05	1.05E-03	2.69E-08	1.35	1.57E-01	5.70E-09	1,000,000	5.70E-03
220	1.1724	2.0854E-05	2.445E-05	1.05E-03	2.56E-08	1.35	1.57E-01	5.42E-09	1,000,000	5.42E-03
221	1.11513	2.0854E-05	2.3255E-05	1.05E-03	2.43E-08	1.35	1.57E-01	5.16E-09	1,000,000	5.16E-03
222	1.32959	2.0854E-05	2.7728E-05	1.05E-03	2.90E-08	1.35	1.57E-01	6.15E-09	1,000,000	6.15E-03
223	1.26895	2.0854E-05	2.6463E-05	1.05E-03	2.77E-08	1.35	1.57E-01	5.87E-09	1,000,000	5.87E-03
224	1.20977	2.0854E-05	2.5229E-05	1.05E-03	2.64E-08	1.35	1.57E-01	5.59E-09	1,000,000	5.59E-03
225	1.15331	2.0854E-05	2.4051E-05	1.05E-03	2.51E-08	1.35	1.57E-01	5.33E-09	1,000,000	5.33E-03
226	1.09893	2.0854E-05	2.2917E-05	1.05E-03	2.40E-08	1.35	1.57E-01	5.08E-09	1,000,000	5.08E-03
227	1.23848	2.0854E-05	2.5828E-05	1.05E-03	2.70E-08	1.35	1.57E-01	5.73E-09	1,000,000	5.73E-03
228	1.18441	2.0854E-05	2.47E-05	1.05E-03	2.58E-08	1.35	1.57E-01	5.48E-09	1,000,000	5.48E-03
229	1.13197	2.0854E-05	2.3606E-05	1.05E-03	2.47E-08	1.35	1.57E-01	5.23E-09	1,000,000	5.23E-03
230	1.08088	2.0854E-05	2.2541E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.00E-09	1,000,000	5.00E-03
231	1.15689	2.0854E-05	2.4126E-05	1.05E-03	2.52E-08	1.35	1.57E-01	5.35E-09	1,000,000	5.35E-03
232	1.10896	2.0854E-05	2.3127E-05	1.05E-03	2.42E-08	1.35	1.57E-01	5.13E-09	1,000,000	5.13E-03
233	1.06191	2.0854E-05	2.2145E-05	1.05E-03	2.31E-08	1.35	1.57E-01	4.91E-09	1,000,000	4.91E-03
234	1.01607	2.0854E-05	2.1189E-05	1.05E-03	2.21E-08	1.35	1.57E-01	4.70E-09	1,000,000	4.70E-03
235	1.08397	2.0854E-05	2.2605E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.01E-09	1,000,000	5.01E-03
236	1.04103	2.0854E-05	2.171E-05	1.05E-03	2.27E-08	1.35	1.57E-01	4.81E-09	1,000,000	4.81E-03
237	0.99838	2.0854E-05	2.0821E-05	1.05E-03	2.18E-08	1.35	1.57E-01	4.62E-09	1,000,000	4.62E-03
238	0.95737	2.0854E-05	1.9965E-05	1.05E-03	2.09E-08	1.35	1.57E-01	4.43E-09	1,000,000	4.43E-03
239	1.01834	2.0854E-05	2.1237E-05	1.05E-03	2.22E-08	1.35	1.57E-01	4.71E-09	1,000,000	4.71E-03
240	0.97953	2.0854E-05	2.0427E-05	1.05E-03	2.14E-08	1.35	1.57E-01	4.53E-09	1,000,000	4.53E-03
241	0.94094	2.0854E-05	1.9623E-05	1.05E-03	2.05E-08	1.35	1.57E-01	4.35E-09	1,000,000	4.35E-03
242	0.90398	2.0854E-05	1.8852E-05	1.05E-03	1.97E-08	1.35	1.57E-01	4.18E-09	1,000,000	4.18E-03
243	1.19383	2.0854E-05	2.4897E-05	1.05E-03	2.60E-08	1.35	1.57E-01	5.52E-09	1,000,000	5.52E-03
244	1.18237	2.0854E-05	2.4658E-05	1.05E-03	2.58E-08	1.35	1.57E-01	5.47E-09	1,000,000	5.47E-03
245	1.16496	2.0854E-05	2.4294E-05	1.05E-03	2.54E-08	1.35	1.57E-01	5.39E-09	1,000,000	5.39E-03
246	1.14218	2.0854E-05	2.3819E-05	1.05E-03	2.49E-08	1.35	1.57E-01	5.28E-09	1,000,000	5.28E-03
247	1.11451	2.0854E-05	2.3242E-05	1.05E-03	2.43E-08	1.35	1.57E-01	5.15E-09	1,000,000	5.15E-03
248	1.08326	2.0854E-05	2.2591E-05	1.05E-03	2.36E-08	1.35	1.57E-01	5.01E-09	1,000,000	5.01E-03
249	1.04909	2.0854E-05	2.1878E-05	1.05E-03	2.29E-08	1.35	1.57E-01	4.85E-09	1,000,000	4.85E-03
250	1.12151	2.0854E-05	2.3388E-05	1.05E-03	2.44E-08	1.35	1.57E-01	5.19E-09	1,000,000	5.19E-03
251	1.1099	2.0854E-05	2.3146E-05	1.05E-03	2.42E-08	1.35	1.57E-01	5.13E-09	1,000,000	5.13E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.2798E-05	1.05E-03	2.38E-08	1.35	1.57E-01	5.06E-09	1,000,000	5.06E-03
253	1.07189	2.0854E-05	2.2354E-05	1.05E-03	2.34E-08	1.35	1.57E-01	4.96E-09	1,000,000	4.96E-03
254	1.0464	2.0854E-05	2.1822E-05	1.05E-03	2.28E-08	1.35	1.57E-01	4.84E-09	1,000,000	4.84E-03
255	1.01786	2.0854E-05	2.1227E-05	1.05E-03	2.22E-08	1.35	1.57E-01	4.71E-09	1,000,000	4.71E-03
256	0.98651	2.0854E-05	2.0573E-05	1.05E-03	2.15E-08	1.35	1.57E-01	4.56E-09	1,000,000	4.56E-03
257	1.05579	2.0854E-05	2.2018E-05	1.05E-03	2.30E-08	1.35	1.57E-01	4.88E-09	1,000,000	4.88E-03
258	1.04422	2.0854E-05	2.1776E-05	1.05E-03	2.28E-08	1.35	1.57E-01	4.83E-09	1,000,000	4.83E-03
259	1.02825	2.0854E-05	2.1443E-05	1.05E-03	2.24E-08	1.35	1.57E-01	4.75E-09	1,000,000	4.75E-03
260	1.00834	2.0854E-05	2.1028E-05	1.05E-03	2.20E-08	1.35	1.57E-01	4.66E-09	1,000,000	4.66E-03
261	0.98484	2.0854E-05	2.0538E-05	1.05E-03	2.15E-08	1.35	1.57E-01	4.55E-09	1,000,000	4.55E-03
262	0.95866	2.0854E-05	1.9992E-05	1.05E-03	2.09E-08	1.35	1.57E-01	4.43E-09	1,000,000	4.43E-03
263	0.93016	2.0854E-05	1.9398E-05	1.05E-03	2.03E-08	1.35	1.57E-01	4.30E-09	1,000,000	4.30E-03
264	0.99564	2.0854E-05	2.0763E-05	1.05E-03	2.17E-08	1.35	1.57E-01	4.60E-09	1,000,000	4.60E-03
265	0.98446	2.0854E-05	2.053E-05	1.05E-03	2.15E-08	1.35	1.57E-01	4.55E-09	1,000,000	4.55E-03
266	0.96929	2.0854E-05	2.0214E-05	1.05E-03	2.11E-08	1.35	1.57E-01	4.48E-09	1,000,000	4.48E-03
267	0.95067	2.0854E-05	1.9826E-05	1.05E-03	2.07E-08	1.35	1.57E-01	4.40E-09	1,000,000	4.40E-03
268	0.9291	2.0854E-05	1.9376E-05	1.05E-03	2.03E-08	1.35	1.57E-01	4.30E-09	1,000,000	4.30E-03
269	0.90506	2.0854E-05	1.8874E-05	1.05E-03	1.97E-08	1.35	1.57E-01	4.19E-09	1,000,000	4.19E-03
270	0.87899	2.0854E-05	1.8331E-05	1.05E-03	1.92E-08	1.35	1.57E-01	4.06E-09	1,000,000	4.06E-03
271	0.94094	2.0854E-05	1.9623E-05	1.05E-03	2.05E-08	1.35	1.57E-01	4.35E-09	1,000,000	4.35E-03
272	0.93	2.0854E-05	1.9395E-05	1.05E-03	2.03E-08	1.35	1.57E-01	4.30E-09	1,000,000	4.30E-03
273	0.91557	2.0854E-05	1.9094E-05	1.05E-03	2.00E-08	1.35	1.57E-01	4.23E-09	1,000,000	4.23E-03
274	0.89815	2.0854E-05	1.873E-05	1.05E-03	1.96E-08	1.35	1.57E-01	4.15E-09	1,000,000	4.15E-03
275	0.87817	2.0854E-05	1.8314E-05	1.05E-03	1.91E-08	1.35	1.57E-01	4.06E-09	1,000,000	4.06E-03
276	0.85607	2.0854E-05	1.7853E-05	1.05E-03	1.87E-08	1.35	1.57E-01	3.96E-09	1,000,000	3.96E-03
277	0.83215	2.0854E-05	1.7354E-05	1.05E-03	1.81E-08	1.35	1.57E-01	3.85E-09	1,000,000	3.85E-03
278	0.89908	2.0854E-05	1.875E-05	1.05E-03	1.96E-08	1.35	1.57E-01	4.16E-09	1,000,000	4.16E-03
279	0.92338	2.0854E-05	1.9256E-05	1.05E-03	2.01E-08	1.35	1.57E-01	4.27E-09	1,000,000	4.27E-03
280	0.98391	2.0854E-05	2.0519E-05	1.05E-03	2.14E-08	1.35	1.57E-01	4.55E-09	1,000,000	4.55E-03
281	0.97176	2.0854E-05	2.0265E-05	1.05E-03	2.12E-08	1.35	1.57E-01	4.49E-09	1,000,000	4.49E-03
282	1.03494	2.0854E-05	2.1583E-05	1.05E-03	2.26E-08	1.35	1.57E-01	4.79E-09	1,000,000	4.79E-03
283	0.91452	2.0854E-05	1.9072E-05	1.05E-03	1.99E-08	1.35	1.57E-01	4.23E-09	1,000,000	4.23E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	9.09766	2.0854E-05	0.00018973	1.05E-03	1.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	10.81295	2.0854E-05	0.0002255	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	13.11291	2.0854E-05	0.00027346	1.05E-03	2.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	16.30429	2.0854E-05	0.00034001	1.05E-03	3.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	20.90723	2.0854E-05	0.00043601	1.05E-03	4.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	27.82208	2.0854E-05	0.00058021	1.05E-03	6.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	38.63195	2.0854E-05	0.00080564	1.05E-03	8.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	56.22568	2.0854E-05	0.00117255	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	86.67441	2.0854E-05	0.00180754	1.05E-03	1.89E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	150.3963	2.0854E-05	0.00313641	1.05E-03	3.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	130.9415	2.0854E-05	0.0027307	1.05E-03	2.85E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	9.26964	2.0854E-05	0.00019331	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	11.04927	2.0854E-05	0.00023042	1.05E-03	2.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	13.4354	2.0854E-05	0.00028019	1.05E-03	2.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	16.72858	2.0854E-05	0.00034886	1.05E-03	3.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	21.41301	2.0854E-05	0.00044655	1.05E-03	4.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	28.27979	2.0854E-05	0.00058976	1.05E-03	6.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	38.66245	2.0854E-05	0.00080628	1.05E-03	8.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	55.00978	2.0854E-05	0.00114719	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	82.84434	2.0854E-05	0.00172766	1.05E-03	1.81E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	142.6802	2.0854E-05	0.0029755	1.05E-03	3.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	131.1023	2.0854E-05	0.00273405	1.05E-03	2.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	9.39917	2.0854E-05	0.00019601	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	11.22382	2.0854E-05	0.00023407	1.05E-03	2.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	13.66146	2.0854E-05	0.0002849	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	16.99628	2.0854E-05	0.00035445	1.05E-03	3.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	21.66951	2.0854E-05	0.0004519	1.05E-03	4.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	28.38378	2.0854E-05	0.00059192	1.05E-03	6.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	38.33109	2.0854E-05	0.00079937	1.05E-03	8.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	53.8137	2.0854E-05	0.00112225	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	80.3929	2.0854E-05	0.00167654	1.05E-03	1.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	138.9896	2.0854E-05	0.00289853	1.05E-03	3.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	0.00272202	1.05E-03	2.85E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	9.482	2.0854E-05	0.00019774	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	11.3276	2.0854E-05	0.00023623	1.05E-03	2.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	13.77736	2.0854E-05	0.00028732	1.05E-03	3.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	17.09451	2.0854E-05	0.00035649	1.05E-03	3.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	21.68084	2.0854E-05	0.00045214	1.05E-03	4.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	28.17851	2.0854E-05	0.00058764	1.05E-03	6.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	37.71212	2.0854E-05	0.00078646	1.05E-03	8.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	52.55968	2.0854E-05	0.0010961	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	78.3585	2.0854E-05	0.00163411	1.05E-03	1.71E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	135.725	2.0854E-05	0.00283045	1.05E-03	2.96E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	128.5347	2.0854E-05	0.0026805	1.05E-03	2.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.51461	2.0854E-05	0.00019842	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	11.35515	2.0854E-05	0.0002368	1.05E-03	2.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	13.77786	2.0854E-05	0.00028733	1.05E-03	3.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	17.02378	2.0854E-05	0.00035502	1.05E-03	3.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	21.4613	2.0854E-05	0.00044756	1.05E-03	4.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	27.69085	2.0854E-05	0.00057747	1.05E-03	6.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	36.79858	2.0854E-05	0.00076741	1.05E-03	8.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	51.04144	2.0854E-05	0.00106443	1.05E-03	1.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	76.00873	2.0854E-05	0.00158511	1.05E-03	1.66E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	131.6977	2.0854E-05	0.00274646	1.05E-03	2.87E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	124.8277	2.0854E-05	0.0026032	1.05E-03	2.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	9.49569	2.0854E-05	0.00019803	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	11.30613	2.0854E-05	0.00023578	1.05E-03	2.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	13.66645	2.0854E-05	0.000285	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	16.79518	2.0854E-05	0.00035025	1.05E-03	3.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	21.02957	2.0854E-05	0.00043856	1.05E-03	4.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	26.93106	2.0854E-05	0.00056163	1.05E-03	5.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	35.53801	2.0854E-05	0.00074112	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	49.03253	2.0854E-05	0.00102254	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	72.81989	2.0854E-05	0.00151861	1.05E-03	1.59E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	126.1204	2.0854E-05	0.00263015	1.05E-03	2.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	0.00247087	1.05E-03	2.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.42677	2.0854E-05	0.00019659	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	11.18503	2.0854E-05	0.00023326	1.05E-03	2.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	13.45341	2.0854E-05	0.00028056	1.05E-03	2.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	16.42703	2.0854E-05	0.00034257	1.05E-03	3.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	20.40931	2.0854E-05	0.00042562	1.05E-03	4.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	25.91118	2.0854E-05	0.00054036	1.05E-03	5.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	33.88582	2.0854E-05	0.00070667	1.05E-03	7.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	46.34544	2.0854E-05	0.0009665	1.05E-03	1.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	68.30693	2.0854E-05	0.00142449	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	117.8256	2.0854E-05	0.00245717	1.05E-03	2.57E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	106.8157	2.0854E-05	0.00222757	1.05E-03	2.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	15.97528	2.0854E-05	0.00033315	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	19.6451	2.0854E-05	0.00040969	1.05E-03	4.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	24.85975	2.0854E-05	0.00051843	1.05E-03	5.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	32.28592	2.0854E-05	0.0006733	1.05E-03	7.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	42.91974	2.0854E-05	0.00089506	1.05E-03	9.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	62.06138	2.0854E-05	0.00129425	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	104.667	2.0854E-05	0.00218276	1.05E-03	2.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	80.07713	2.0854E-05	0.00166995	1.05E-03	1.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.2372	2.0854E-05	0.00027605	1.05E-03	2.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	10.84503	2.0854E-05	0.00022617	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	2.09E-05	8.82E-06	6.05E-04	5.34E-09	14	4.71E-02	3.52E-09	1,000,000	3.5E-03
2	0.44702	2.0854E-05	9.32E-06	6.05E-04	5.64E-09	14	4.71E-02	3.72E-09	1,000,000	3.72E-03
3	0.474	2.0854E-05	9.88E-06	6.05E-04	5.98E-09	14	4.71E-02	3.95E-09	1,000,000	3.95E-03
4	0.50323	2.0854E-05	1.05E-05	6.05E-04	6.35E-09	14	4.71E-02	4.19E-09	1,000,000	4.19E-03
5	0.53592	2.0854E-05	1.12E-05	6.05E-04	6.76E-09	14	4.71E-02	4.46E-09	1,000,000	4.46E-03
6	0.42159	2.0854E-05	8.79E-06	6.05E-04	5.32E-09	14	4.71E-02	3.51E-09	1,000,000	3.51E-03
7	0.44558	2.0854E-05	9.29E-06	6.05E-04	5.62E-09	14	4.71E-02	3.71E-09	1,000,000	3.71E-03
8	0.47218	2.0854E-05	9.85E-06	6.05E-04	5.96E-09	14	4.71E-02	3.93E-09	1,000,000	3.93E-03
9	0.5022	2.0854E-05	1.05E-05	6.05E-04	6.34E-09	14	4.71E-02	4.18E-09	1,000,000	4.18E-03
10	0.53475	2.0854E-05	1.12E-05	6.05E-04	6.75E-09	14	4.71E-02	4.45E-09	1,000,000	4.45E-03
11	0.41999	2.0854E-05	8.76E-06	6.05E-04	5.30E-09	14	4.71E-02	3.50E-09	1,000,000	3.50E-03
12	0.44409	2.0854E-05	9.26E-06	6.05E-04	5.60E-09	14	4.71E-02	3.70E-09	1,000,000	3.70E-03
13	0.47085	2.0854E-05	9.82E-06	6.05E-04	5.94E-09	14	4.71E-02	3.92E-09	1,000,000	3.92E-03
14	0.50104	2.0854E-05	1.04E-05	6.05E-04	6.32E-09	14	4.71E-02	4.17E-09	1,000,000	4.17E-03
15	0.53359	2.0854E-05	1.11E-05	6.05E-04	6.73E-09	14	4.71E-02	4.44E-09	1,000,000	4.44E-03
16	0.41858	2.0854E-05	8.73E-06	6.05E-04	5.28E-09	14	4.71E-02	3.49E-09	1,000,000	3.49E-03
17	0.44293	2.0854E-05	9.24E-06	6.05E-04	5.59E-09	14	4.71E-02	3.69E-09	1,000,000	3.69E-03
18	0.46962	2.0854E-05	9.79E-06	6.05E-04	5.93E-09	14	4.71E-02	3.91E-09	1,000,000	3.91E-03
19	0.49874	2.0854E-05	1.04E-05	6.05E-04	6.29E-09	14	4.71E-02	4.15E-09	1,000,000	4.15E-03
20	0.53133	2.0854E-05	1.11E-05	6.05E-04	6.70E-09	14	4.71E-02	4.42E-09	1,000,000	4.42E-03
21	0.41749	2.0854E-05	8.71E-06	6.05E-04	5.27E-09	14	4.71E-02	3.48E-09	1,000,000	3.48E-03
22	0.44177	2.0854E-05	9.21E-06	6.05E-04	5.57E-09	14	4.71E-02	3.68E-09	1,000,000	3.68E-03
23	0.46848	2.0854E-05	9.77E-06	6.05E-04	5.91E-09	14	4.71E-02	3.90E-09	1,000,000	3.90E-03
24	0.49763	2.0854E-05	1.04E-05	6.05E-04	6.28E-09	14	4.71E-02	4.14E-09	1,000,000	4.14E-03
25	0.52919	2.0854E-05	1.10E-05	6.05E-04	6.68E-09	14	4.71E-02	4.41E-09	1,000,000	4.41E-03
113	3.90167	2.0854E-05	8.14E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
114	3.39794	2.0854E-05	7.09E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
115	2.98873	2.0854E-05	6.23E-05	6.05E-04	3.77E-08	14	4.71E-02	2.49E-08	1,000,000	2.49E-02
116	2.65183	2.0854E-05	5.53E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
117	3.94839	2.0854E-05	8.23E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
118	3.42956	2.0854E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
119	3.01054	2.0854E-05	6.28E-05	6.05E-04	3.80E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.56E-05	6.05E-04	3.37E-08	14	4.71E-02	2.22E-08	1,000,000	2.22E-02
121	3.97407	2.0854E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
122	3.44562	2.0854E-05	7.19E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
123	3.02055	2.0854E-05	6.30E-05	6.05E-04	3.81E-08	14	4.71E-02	2.52E-08	1,000,000	2.52E-02
124	2.67321	2.0854E-05	5.57E-05	6.05E-04	3.37E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
125	3.97582	2.0854E-05	8.29E-05	6.05E-04	5.02E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
126	3.44389	2.0854E-05	7.18E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
127	3.01697	2.0854E-05	6.29E-05	6.05E-04	3.81E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02
128	2.66869	2.0854E-05	5.57E-05	6.05E-04	3.37E-08	14	4.71E-02	2.22E-08	1,000,000	2.22E-02
129	3.94968	2.0854E-05	8.24E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
130	3.42149	2.0854E-05	7.14E-05	6.05E-04	4.32E-08	14	4.71E-02	2.85E-08	1,000,000	2.85E-02
131	2.99766	2.0854E-05	6.25E-05	6.05E-04	3.78E-08	14	4.71E-02	2.50E-08	1,000,000	2.50E-02
132	2.65193	2.0854E-05	5.53E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
133	3.89044	2.0854E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
134	3.37504	2.0854E-05	7.04E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
135	2.96037	2.0854E-05	6.17E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
136	2.62142	2.0854E-05	5.47E-05	6.05E-04	3.31E-08	14	4.71E-02	2.18E-08	1,000,000	2.18E-02
137	3.79171	2.0854E-05	7.91E-05	6.05E-04	4.78E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
138	2.90229	2.0854E-05	6.05E-05	6.05E-04	3.66E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02
139	2.5753	2.0854E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
140	3.23131	2.0854E-05	6.74E-05	6.05E-04	4.08E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
141	2.87436	2.0854E-05	5.99E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
142	2.57435	2.0854E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
143	2.31933	2.0854E-05	4.84E-05	6.05E-04	2.93E-08	14	4.71E-02	1.93E-08	1,000,000	1.93E-02
144	2.98003	2.0854E-05	6.21E-05	6.05E-04	3.76E-08	14	4.71E-02	2.48E-08	1,000,000	2.48E-02
145	2.6756	2.0854E-05	5.58E-05	6.05E-04	3.38E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
146	2.41656	2.0854E-05	5.04E-05	6.05E-04	3.05E-08	14	4.71E-02	2.01E-08	1,000,000	2.01E-02
147	2.19358	2.0854E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
148	2.72128	2.0854E-05	5.68E-05	6.05E-04	3.43E-08	14	4.71E-02	2.27E-08	1,000,000	2.27E-02
149	2.4651	2.0854E-05	5.14E-05	6.05E-04	3.11E-08	14	4.71E-02	2.05E-08	1,000,000	2.05E-02
150	2.24504	2.0854E-05	4.68E-05	6.05E-04	2.83E-08	14	4.71E-02	1.87E-08	1,000,000	1.87E-02
151	2.05371	2.0854E-05	4.28E-05	6.05E-04	2.59E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
152	2.47133	2.0854E-05	5.15E-05	6.05E-04	3.12E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.70E-05	6.05E-04	2.85E-08	14	4.71E-02	1.88E-08	1,000,000	1.88E-02
154	2.0695	2.0854E-05	4.32E-05	6.05E-04	2.61E-08	14	4.71E-02	1.72E-08	1,000,000	1.72E-02
155	1.90676	2.0854E-05	3.98E-05	6.05E-04	2.41E-08	14	4.71E-02	1.59E-08	1,000,000	1.59E-02
156	2.24407	2.0854E-05	4.68E-05	6.05E-04	2.83E-08	14	4.71E-02	1.87E-08	1,000,000	1.87E-02
157	2.05922	2.0854E-05	4.29E-05	6.05E-04	2.60E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
158	1.89991	2.0854E-05	3.96E-05	6.05E-04	2.40E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
159	1.76073	2.0854E-05	3.67E-05	6.05E-04	2.22E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
160	2.04776	2.0854E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
161	1.88464	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
162	1.74473	2.0854E-05	3.64E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
163	1.62295	2.0854E-05	3.38E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
164	1.88309	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
165	1.73548	2.0854E-05	3.62E-05	6.05E-04	2.19E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
166	1.60783	2.0854E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
167	1.4985	2.0854E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
168	1.74492	2.0854E-05	3.64E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
169	1.61002	2.0854E-05	3.36E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
170	1.49235	2.0854E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
171	1.39186	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
172	1.62624	2.0854E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
173	1.50344	2.0854E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
174	1.39493	2.0854E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
175	1.30116	2.0854E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
176	1.52117	2.0854E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
177	1.41048	2.0854E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
178	1.31099	2.0854E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
179	1.22373	2.0854E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
180	1.42594	2.0854E-05	2.97E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
181	1.32674	2.0854E-05	2.77E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
182	1.23665	2.0854E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
183	1.15625	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.63E-09	1,000,000	9.63E-03
184	1.884	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
185	1.60578	2.0854E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
187	1.39129	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
188	1.29666	2.0854E-05	2.70E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
189	1.59927	2.0854E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
190	1.49375	2.0854E-05	3.12E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
191	1.39636	2.0854E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
192	1.30623	2.0854E-05	2.72E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
193	1.22194	2.0854E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
194	1.48423	2.0854E-05	3.10E-05	6.05E-04	1.87E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
195	1.3924	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
196	1.307	2.0854E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
197	1.2269	2.0854E-05	2.56E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
198	1.15305	2.0854E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.60E-09	1,000,000	9.60E-03
199	1.38128	2.0854E-05	2.88E-05	6.05E-04	1.74E-08	14	4.71E-02	1.15E-08	1,000,000	1.15E-02
200	1.3007	2.0854E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
201	1.22519	2.0854E-05	2.56E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
202	1.15461	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.62E-09	1,000,000	9.62E-03
203	1.08892	2.0854E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.07E-09	1,000,000	9.07E-03
204	1.62889	2.0854E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
205	1.2888	2.0854E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
206	1.21764	2.0854E-05	2.54E-05	6.05E-04	1.54E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
207	1.15028	2.0854E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.58E-09	1,000,000	9.58E-03
208	1.08805	2.0854E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.06E-09	1,000,000	9.06E-03
209	1.50457	2.0854E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
210	1.42234	2.0854E-05	2.97E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
211	1.34505	2.0854E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
212	1.273	2.0854E-05	2.65E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
213	1.20552	2.0854E-05	2.51E-05	6.05E-04	1.52E-08	14	4.71E-02	1.00E-08	1,000,000	1.00E-02
214	1.14188	2.0854E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.51E-09	1,000,000	9.51E-03
215	1.08232	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.01E-09	1,000,000	9.01E-03
216	1.4319	2.0854E-05	2.99E-05	6.05E-04	1.81E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
217	1.36378	2.0854E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
218	1.29655	2.0854E-05	2.70E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.57E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
220	1.1724	2.0854E-05	2.44E-05	6.05E-04	1.48E-08	14	4.71E-02	9.76E-09	1,000,000	9.76E-03
221	1.11513	2.0854E-05	2.33E-05	6.05E-04	1.41E-08	14	4.71E-02	9.29E-09	1,000,000	9.29E-03
222	1.32959	2.0854E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
223	1.26895	2.0854E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
224	1.20977	2.0854E-05	2.52E-05	6.05E-04	1.53E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
225	1.15331	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.60E-09	1,000,000	9.60E-03
226	1.09893	2.0854E-05	2.29E-05	6.05E-04	1.39E-08	14	4.71E-02	9.15E-09	1,000,000	9.15E-03
227	1.23848	2.0854E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
228	1.18441	2.0854E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.86E-09	1,000,000	9.86E-03
229	1.13197	2.0854E-05	2.36E-05	6.05E-04	1.43E-08	14	4.71E-02	9.43E-09	1,000,000	9.43E-03
230	1.08088	2.0854E-05	2.25E-05	6.05E-04	1.36E-08	14	4.71E-02	9.00E-09	1,000,000	9.00E-03
231	1.15689	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.63E-09	1,000,000	9.63E-03
232	1.10896	2.0854E-05	2.31E-05	6.05E-04	1.40E-08	14	4.71E-02	9.24E-09	1,000,000	9.24E-03
233	1.06191	2.0854E-05	2.21E-05	6.05E-04	1.34E-08	14	4.71E-02	8.84E-09	1,000,000	8.84E-03
234	1.01607	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.46E-09	1,000,000	8.46E-03
235	1.08397	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.03E-09	1,000,000	9.03E-03
236	1.04103	2.0854E-05	2.17E-05	6.05E-04	1.31E-08	14	4.71E-02	8.67E-09	1,000,000	8.67E-03
237	0.99838	2.0854E-05	2.08E-05	6.05E-04	1.26E-08	14	4.71E-02	8.31E-09	1,000,000	8.31E-03
238	0.95737	2.0854E-05	2.00E-05	6.05E-04	1.21E-08	14	4.71E-02	7.97E-09	1,000,000	7.97E-03
239	1.01834	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.48E-09	1,000,000	8.48E-03
240	0.97953	2.0854E-05	2.04E-05	6.05E-04	1.24E-08	14	4.71E-02	8.16E-09	1,000,000	8.16E-03
241	0.94094	2.0854E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
242	0.90398	2.0854E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.53E-09	1,000,000	7.53E-03
243	1.19383	2.0854E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.94E-09	1,000,000	9.94E-03
244	1.18237	2.0854E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.85E-09	1,000,000	9.85E-03
245	1.16496	2.0854E-05	2.43E-05	6.05E-04	1.47E-08	14	4.71E-02	9.70E-09	1,000,000	9.70E-03
246	1.14218	2.0854E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.51E-09	1,000,000	9.51E-03
247	1.11451	2.0854E-05	2.32E-05	6.05E-04	1.41E-08	14	4.71E-02	9.28E-09	1,000,000	9.28E-03
248	1.08326	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.02E-09	1,000,000	9.02E-03
249	1.04909	2.0854E-05	2.19E-05	6.05E-04	1.32E-08	14	4.71E-02	8.74E-09	1,000,000	8.74E-03
250	1.12151	2.0854E-05	2.34E-05	6.05E-04	1.42E-08	14	4.71E-02	9.34E-09	1,000,000	9.34E-03
251	1.1099	2.0854E-05	2.31E-05	6.05E-04	1.40E-08	14	4.71E-02	9.24E-09	1,000,000	9.24E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.28E-05	6.05E-04	1.38E-08	14	4.71E-02	9.10E-09	1,000,000	9.10E-03
253	1.07189	2.0854E-05	2.24E-05	6.05E-04	1.35E-08	14	4.71E-02	8.93E-09	1,000,000	8.93E-03
254	1.0464	2.0854E-05	2.18E-05	6.05E-04	1.32E-08	14	4.71E-02	8.71E-09	1,000,000	8.71E-03
255	1.01786	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.48E-09	1,000,000	8.48E-03
256	0.98651	2.0854E-05	2.06E-05	6.05E-04	1.24E-08	14	4.71E-02	8.22E-09	1,000,000	8.22E-03
257	1.05579	2.0854E-05	2.20E-05	6.05E-04	1.33E-08	14	4.71E-02	8.79E-09	1,000,000	8.79E-03
258	1.04422	2.0854E-05	2.18E-05	6.05E-04	1.32E-08	14	4.71E-02	8.70E-09	1,000,000	8.70E-03
259	1.02825	2.0854E-05	2.14E-05	6.05E-04	1.30E-08	14	4.71E-02	8.56E-09	1,000,000	8.56E-03
260	1.00834	2.0854E-05	2.10E-05	6.05E-04	1.27E-08	14	4.71E-02	8.40E-09	1,000,000	8.40E-03
261	0.98484	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
262	0.95866	2.0854E-05	2.00E-05	6.05E-04	1.21E-08	14	4.71E-02	7.98E-09	1,000,000	7.98E-03
263	0.93016	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.75E-09	1,000,000	7.75E-03
264	0.99564	2.0854E-05	2.08E-05	6.05E-04	1.26E-08	14	4.71E-02	8.29E-09	1,000,000	8.29E-03
265	0.98446	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
266	0.96929	2.0854E-05	2.02E-05	6.05E-04	1.22E-08	14	4.71E-02	8.07E-09	1,000,000	8.07E-03
267	0.95067	2.0854E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
268	0.9291	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.74E-09	1,000,000	7.74E-03
269	0.90506	2.0854E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.54E-09	1,000,000	7.54E-03
270	0.87899	2.0854E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.32E-09	1,000,000	7.32E-03
271	0.94094	2.0854E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
272	0.93	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.75E-09	1,000,000	7.75E-03
273	0.91557	2.0854E-05	1.91E-05	6.05E-04	1.16E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03
274	0.89815	2.0854E-05	1.87E-05	6.05E-04	1.13E-08	14	4.71E-02	7.48E-09	1,000,000	7.48E-03
275	0.87817	2.0854E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.31E-09	1,000,000	7.31E-03
276	0.85607	2.0854E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.13E-09	1,000,000	7.13E-03
277	0.83215	2.0854E-05	1.74E-05	6.05E-04	1.05E-08	14	4.71E-02	6.93E-09	1,000,000	6.93E-03
278	0.89908	2.0854E-05	1.87E-05	6.05E-04	1.13E-08	14	4.71E-02	7.49E-09	1,000,000	7.49E-03
279	0.92338	2.0854E-05	1.93E-05	6.05E-04	1.17E-08	14	4.71E-02	7.69E-09	1,000,000	7.69E-03
280	0.98391	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.19E-09	1,000,000	8.19E-03
281	0.97176	2.0854E-05	2.03E-05	6.05E-04	1.23E-08	14	4.71E-02	8.09E-09	1,000,000	8.09E-03
282	1.03494	2.0854E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.62E-09	1,000,000	8.62E-03
283	0.91452	2.0854E-05	1.91E-05	6.05E-04	1.15E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	9.09766	2.0854E-05	1.90E-04	6.05E-04	1.15E-07	9	4.71E-02	4.92E-08	1,000,000	4.92E-02
27	10.81295	2.0854E-05	2.25E-04	6.05E-04	1.36E-07	9	4.71E-02	5.85E-08	1,000,000	5.85E-02
28	13.11291	2.0854E-05	2.73E-04	6.05E-04	1.65E-07	9	4.71E-02	7.10E-08	1,000,000	7.10E-02
29	16.30429	2.0854E-05	3.40E-04	6.05E-04	2.06E-07	9	4.71E-02	8.83E-08	1,000,000	8.83E-02
30	20.90723	2.0854E-05	4.36E-04	6.05E-04	2.64E-07	9	4.71E-02	1.13E-07	1,000,000	1.13E-01
31	27.82208	2.0854E-05	5.80E-04	6.05E-04	3.51E-07	9	4.71E-02	1.51E-07	1,000,000	1.51E-01
32	38.63195	2.0854E-05	8.06E-04	6.05E-04	4.87E-07	9	4.71E-02	2.09E-07	1,000,000	2.09E-01
33	56.22568	2.0854E-05	1.17E-03	6.05E-04	7.09E-07	9	4.71E-02	3.04E-07	1,000,000	3.04E-01
34	86.67441	2.0854E-05	1.81E-03	6.05E-04	1.09E-06	9	4.71E-02	4.69E-07	1,000,000	4.69E-01
35	150.3963	2.0854E-05	3.14E-03	6.05E-04	1.90E-06	9	4.71E-02	8.14E-07	1,000,000	8.14E-01
36	130.9415	2.0854E-05	2.73E-03	6.05E-04	1.65E-06	9	4.71E-02	7.09E-07	1,000,000	7.09E-01
37	9.26964	2.0854E-05	1.93E-04	6.05E-04	1.17E-07	9	4.71E-02	5.02E-08	1,000,000	5.02E-02
38	11.04927	2.0854E-05	2.30E-04	6.05E-04	1.39E-07	9	4.71E-02	5.98E-08	1,000,000	5.98E-02
39	13.4354	2.0854E-05	2.80E-04	6.05E-04	1.70E-07	9	4.71E-02	7.27E-08	1,000,000	7.27E-02
40	16.72858	2.0854E-05	3.49E-04	6.05E-04	2.11E-07	9	4.71E-02	9.06E-08	1,000,000	9.06E-02
41	21.41301	2.0854E-05	4.47E-04	6.05E-04	2.70E-07	9	4.71E-02	1.16E-07	1,000,000	1.16E-01
42	28.27979	2.0854E-05	5.90E-04	6.05E-04	3.57E-07	9	4.71E-02	1.53E-07	1,000,000	1.53E-01
43	38.66245	2.0854E-05	8.06E-04	6.05E-04	4.88E-07	9	4.71E-02	2.09E-07	1,000,000	2.09E-01
44	55.00978	2.0854E-05	1.15E-03	6.05E-04	6.94E-07	9	4.71E-02	2.98E-07	1,000,000	2.98E-01
45	82.84434	2.0854E-05	1.73E-03	6.05E-04	1.05E-06	9	4.71E-02	4.48E-07	1,000,000	4.48E-01
46	142.6802	2.0854E-05	2.98E-03	6.05E-04	1.80E-06	9	4.71E-02	7.72E-07	1,000,000	7.72E-01
47	131.1023	2.0854E-05	2.73E-03	6.05E-04	1.65E-06	9	4.71E-02	7.10E-07	1,000,000	7.10E-01
48	9.39917	2.0854E-05	1.96E-04	6.05E-04	1.19E-07	9	4.71E-02	5.09E-08	1,000,000	5.09E-02
49	11.22382	2.0854E-05	2.34E-04	6.05E-04	1.42E-07	9	4.71E-02	6.08E-08	1,000,000	6.08E-02
50	13.66146	2.0854E-05	2.85E-04	6.05E-04	1.72E-07	9	4.71E-02	7.40E-08	1,000,000	7.40E-02
51	16.99628	2.0854E-05	3.54E-04	6.05E-04	2.14E-07	9	4.71E-02	9.20E-08	1,000,000	9.20E-02
52	21.66951	2.0854E-05	4.52E-04	6.05E-04	2.73E-07	9	4.71E-02	1.17E-07	1,000,000	1.17E-01
53	28.38378	2.0854E-05	5.92E-04	6.05E-04	3.58E-07	9	4.71E-02	1.54E-07	1,000,000	1.54E-01
54	38.33109	2.0854E-05	7.99E-04	6.05E-04	4.84E-07	9	4.71E-02	2.07E-07	1,000,000	2.07E-01
55	53.8137	2.0854E-05	1.12E-03	6.05E-04	6.79E-07	9	4.71E-02	2.91E-07	1,000,000	2.91E-01
56	80.3929	2.0854E-05	1.68E-03	6.05E-04	1.01E-06	9	4.71E-02	4.35E-07	1,000,000	4.35E-01
57	138.9896	2.0854E-05	2.90E-03	6.05E-04	1.75E-06	9	4.71E-02	7.52E-07	1,000,000	7.52E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	2.72E-03	6.05E-04	1.65E-06	9	4.71E-02	7.07E-07	1,000,000	7.07E-01
59	9.482	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	9	4.71E-02	5.13E-08	1,000,000	5.13E-02
60	11.3276	2.0854E-05	2.36E-04	6.05E-04	1.43E-07	9	4.71E-02	6.13E-08	1,000,000	6.13E-02
61	13.77736	2.0854E-05	2.87E-04	6.05E-04	1.74E-07	9	4.71E-02	7.46E-08	1,000,000	7.46E-02
62	17.09451	2.0854E-05	3.56E-04	6.05E-04	2.16E-07	9	4.71E-02	9.25E-08	1,000,000	9.25E-02
63	21.68084	2.0854E-05	4.52E-04	6.05E-04	2.74E-07	9	4.71E-02	1.17E-07	1,000,000	1.17E-01
64	28.17851	2.0854E-05	5.88E-04	6.05E-04	3.56E-07	9	4.71E-02	1.53E-07	1,000,000	1.53E-01
65	37.71212	2.0854E-05	7.86E-04	6.05E-04	4.76E-07	9	4.71E-02	2.04E-07	1,000,000	2.04E-01
66	52.55968	2.0854E-05	1.10E-03	6.05E-04	6.63E-07	9	4.71E-02	2.85E-07	1,000,000	2.85E-01
67	78.3585	2.0854E-05	1.63E-03	6.05E-04	9.89E-07	9	4.71E-02	4.24E-07	1,000,000	4.24E-01
68	135.725	2.0854E-05	2.83E-03	6.05E-04	1.71E-06	9	4.71E-02	7.35E-07	1,000,000	7.35E-01
69	128.5347	2.0854E-05	2.68E-03	6.05E-04	1.62E-06	9	4.71E-02	6.96E-07	1,000,000	6.96E-01
70	9.51461	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	9	4.71E-02	5.15E-08	1,000,000	5.15E-02
71	11.35515	2.0854E-05	2.37E-04	6.05E-04	1.43E-07	9	4.71E-02	6.15E-08	1,000,000	6.15E-02
72	13.77786	2.0854E-05	2.87E-04	6.05E-04	1.74E-07	9	4.71E-02	7.46E-08	1,000,000	7.46E-02
73	17.02378	2.0854E-05	3.55E-04	6.05E-04	2.15E-07	9	4.71E-02	9.22E-08	1,000,000	9.22E-02
74	21.4613	2.0854E-05	4.48E-04	6.05E-04	2.71E-07	9	4.71E-02	1.16E-07	1,000,000	1.16E-01
75	27.69085	2.0854E-05	5.77E-04	6.05E-04	3.49E-07	9	4.71E-02	1.50E-07	1,000,000	1.50E-01
76	36.79858	2.0854E-05	7.67E-04	6.05E-04	4.64E-07	9	4.71E-02	1.99E-07	1,000,000	1.99E-01
77	51.04144	2.0854E-05	1.06E-03	6.05E-04	6.44E-07	9	4.71E-02	2.76E-07	1,000,000	2.76E-01
78	76.00873	2.0854E-05	1.59E-03	6.05E-04	9.59E-07	9	4.71E-02	4.11E-07	1,000,000	4.11E-01
79	131.6977	2.0854E-05	2.75E-03	6.05E-04	1.66E-06	9	4.71E-02	7.13E-07	1,000,000	7.13E-01
80	124.8277	2.0854E-05	2.60E-03	6.05E-04	1.58E-06	9	4.71E-02	6.76E-07	1,000,000	6.76E-01
81	9.49569	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	9	4.71E-02	5.14E-08	1,000,000	5.14E-02
82	11.30613	2.0854E-05	2.36E-04	6.05E-04	1.43E-07	9	4.71E-02	6.12E-08	1,000,000	6.12E-02
83	13.66645	2.0854E-05	2.85E-04	6.05E-04	1.72E-07	9	4.71E-02	7.40E-08	1,000,000	7.40E-02
84	16.79518	2.0854E-05	3.50E-04	6.05E-04	2.12E-07	9	4.71E-02	9.09E-08	1,000,000	9.09E-02
85	21.02957	2.0854E-05	4.39E-04	6.05E-04	2.65E-07	9	4.71E-02	1.14E-07	1,000,000	1.14E-01
86	26.93106	2.0854E-05	5.62E-04	6.05E-04	3.40E-07	9	4.71E-02	1.46E-07	1,000,000	1.46E-01
87	35.53801	2.0854E-05	7.41E-04	6.05E-04	4.48E-07	9	4.71E-02	1.92E-07	1,000,000	1.92E-01
88	49.03253	2.0854E-05	1.02E-03	6.05E-04	6.19E-07	9	4.71E-02	2.65E-07	1,000,000	2.65E-01
89	72.81989	2.0854E-05	1.52E-03	6.05E-04	9.19E-07	9	4.71E-02	3.94E-07	1,000,000	3.94E-01
90	126.1204	2.0854E-05	2.63E-03	6.05E-04	1.59E-06	9	4.71E-02	6.83E-07	1,000,000	6.83E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	2.47E-03	6.05E-04	1.50E-06	9	4.71E-02	6.41E-07	1,000,000	6.41E-01
92	9.42677	2.0854E-05	1.97E-04	6.05E-04	1.19E-07	9	4.71E-02	5.10E-08	1,000,000	5.10E-02
93	11.18503	2.0854E-05	2.33E-04	6.05E-04	1.41E-07	9	4.71E-02	6.05E-08	1,000,000	6.05E-02
94	13.45341	2.0854E-05	2.81E-04	6.05E-04	1.70E-07	9	4.71E-02	7.28E-08	1,000,000	7.28E-02
95	16.42703	2.0854E-05	3.43E-04	6.05E-04	2.07E-07	9	4.71E-02	8.89E-08	1,000,000	8.89E-02
96	20.40931	2.0854E-05	4.26E-04	6.05E-04	2.58E-07	9	4.71E-02	1.10E-07	1,000,000	1.10E-01
97	25.91118	2.0854E-05	5.40E-04	6.05E-04	3.27E-07	9	4.71E-02	1.40E-07	1,000,000	1.40E-01
98	33.88582	2.0854E-05	7.07E-04	6.05E-04	4.28E-07	9	4.71E-02	1.83E-07	1,000,000	1.83E-01
99	46.34544	2.0854E-05	9.67E-04	6.05E-04	5.85E-07	9	4.71E-02	2.51E-07	1,000,000	2.51E-01
100	68.30693	2.0854E-05	1.42E-03	6.05E-04	8.62E-07	9	4.71E-02	3.70E-07	1,000,000	3.70E-01
101	117.8256	2.0854E-05	2.46E-03	6.05E-04	1.49E-06	9	4.71E-02	6.38E-07	1,000,000	6.38E-01
102	106.8157	2.0854E-05	2.23E-03	6.05E-04	1.35E-06	9	4.71E-02	5.78E-07	1,000,000	5.78E-01
103	15.97528	2.0854E-05	3.33E-04	6.05E-04	2.02E-07	9	4.71E-02	8.65E-08	1,000,000	8.65E-02
104	19.6451	2.0854E-05	4.10E-04	6.05E-04	2.48E-07	9	4.71E-02	1.06E-07	1,000,000	1.06E-01
105	24.85975	2.0854E-05	5.18E-04	6.05E-04	3.14E-07	9	4.71E-02	1.35E-07	1,000,000	1.35E-01
106	32.28592	2.0854E-05	6.73E-04	6.05E-04	4.07E-07	9	4.71E-02	1.75E-07	1,000,000	1.75E-01
107	42.91974	2.0854E-05	8.95E-04	6.05E-04	5.42E-07	9	4.71E-02	2.32E-07	1,000,000	2.32E-01
108	62.06138	2.0854E-05	1.29E-03	6.05E-04	7.83E-07	9	4.71E-02	3.36E-07	1,000,000	3.36E-01
109	104.667	2.0854E-05	2.18E-03	6.05E-04	1.32E-06	9	4.71E-02	5.67E-07	1,000,000	5.67E-01
110	80.07713	2.0854E-05	1.67E-03	6.05E-04	1.01E-06	9	4.71E-02	4.33E-07	1,000,000	4.33E-01
111	13.2372	2.0854E-05	2.76E-04	6.05E-04	1.67E-07	9	4.71E-02	7.17E-08	1,000,000	7.17E-02
112	10.84503	2.0854E-05	2.26E-04	6.05E-04	1.37E-07	9	4.71E-02	5.87E-08	1,000,000	5.87E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	2.09E-05	8.82E-06	2.50E-04	2.21E-09	14	1.15E-02	3.55E-10	1000000.0	3.5E-04
2	0.44702	2.0854E-05	9.32E-06	2.50E-04	2.33E-09	14	1.15E-02	3.75E-10	1,000,000	3.75E-04
3	0.474	2.0854E-05	9.88E-06	2.50E-04	2.47E-09	14	1.15E-02	3.97E-10	1,000,000	3.97E-04
4	0.50323	2.0854E-05	1.05E-05	2.50E-04	2.63E-09	14	1.15E-02	4.22E-10	1,000,000	4.22E-04
5	0.53592	2.0854E-05	1.12E-05	2.50E-04	2.80E-09	14	1.15E-02	4.49E-10	1,000,000	4.49E-04
6	0.42159	2.0854E-05	8.79E-06	2.50E-04	2.20E-09	14	1.15E-02	3.53E-10	1,000,000	3.53E-04
7	0.44558	2.0854E-05	9.29E-06	2.50E-04	2.33E-09	14	1.15E-02	3.73E-10	1,000,000	3.73E-04
8	0.47218	2.0854E-05	9.85E-06	2.50E-04	2.46E-09	14	1.15E-02	3.96E-10	1,000,000	3.96E-04
9	0.5022	2.0854E-05	1.05E-05	2.50E-04	2.62E-09	14	1.15E-02	4.21E-10	1,000,000	4.21E-04
10	0.53475	2.0854E-05	1.12E-05	2.50E-04	2.79E-09	14	1.15E-02	4.48E-10	1,000,000	4.48E-04
11	0.41999	2.0854E-05	8.76E-06	2.50E-04	2.19E-09	14	1.15E-02	3.52E-10	1,000,000	3.52E-04
12	0.44409	2.0854E-05	9.26E-06	2.50E-04	2.32E-09	14	1.15E-02	3.72E-10	1,000,000	3.72E-04
13	0.47085	2.0854E-05	9.82E-06	2.50E-04	2.46E-09	14	1.15E-02	3.95E-10	1,000,000	3.95E-04
14	0.50104	2.0854E-05	1.04E-05	2.50E-04	2.62E-09	14	1.15E-02	4.20E-10	1,000,000	4.20E-04
15	0.53359	2.0854E-05	1.11E-05	2.50E-04	2.78E-09	14	1.15E-02	4.47E-10	1,000,000	4.47E-04
16	0.41858	2.0854E-05	8.73E-06	2.50E-04	2.18E-09	14	1.15E-02	3.51E-10	1,000,000	3.51E-04
17	0.44293	2.0854E-05	9.24E-06	2.50E-04	2.31E-09	14	1.15E-02	3.71E-10	1,000,000	3.71E-04
18	0.46962	2.0854E-05	9.79E-06	2.50E-04	2.45E-09	14	1.15E-02	3.94E-10	1,000,000	3.94E-04
19	0.49874	2.0854E-05	1.04E-05	2.50E-04	2.60E-09	14	1.15E-02	4.18E-10	1,000,000	4.18E-04
20	0.53133	2.0854E-05	1.11E-05	2.50E-04	2.77E-09	14	1.15E-02	4.45E-10	1,000,000	4.45E-04
21	0.41749	2.0854E-05	8.71E-06	2.50E-04	2.18E-09	14	1.15E-02	3.50E-10	1,000,000	3.50E-04
22	0.44177	2.0854E-05	9.21E-06	2.50E-04	2.31E-09	14	1.15E-02	3.70E-10	1,000,000	3.70E-04
23	0.46848	2.0854E-05	9.77E-06	2.50E-04	2.45E-09	14	1.15E-02	3.93E-10	1,000,000	3.93E-04
24	0.49763	2.0854E-05	1.04E-05	2.50E-04	2.60E-09	14	1.15E-02	4.17E-10	1,000,000	4.17E-04
25	0.52919	2.0854E-05	1.10E-05	2.50E-04	2.76E-09	14	1.15E-02	4.44E-10	1,000,000	4.44E-04
113	3.90167	2.0854E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
114	3.39794	2.0854E-05	7.09E-05	2.50E-04	1.77E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
115	2.98873	2.0854E-05	6.23E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
116	2.65183	2.0854E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
117	3.94839	2.0854E-05	8.23E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
118	3.42956	2.0854E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
119	3.01054	2.0854E-05	6.28E-05	2.50E-04	1.57E-08	14	1.15E-02	2.52E-09	1,000,000	2.52E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.56E-05	2.50E-04	1.39E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
121	3.97407	2.0854E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
122	3.44562	2.0854E-05	7.19E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
123	3.02055	2.0854E-05	6.30E-05	2.50E-04	1.58E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
124	2.67321	2.0854E-05	5.57E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
125	3.97582	2.0854E-05	8.29E-05	2.50E-04	2.08E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
126	3.44389	2.0854E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
127	3.01697	2.0854E-05	6.29E-05	2.50E-04	1.57E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
128	2.66869	2.0854E-05	5.57E-05	2.50E-04	1.39E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
129	3.94968	2.0854E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
130	3.42149	2.0854E-05	7.14E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
131	2.99766	2.0854E-05	6.25E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
132	2.65193	2.0854E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
133	3.89044	2.0854E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
134	3.37504	2.0854E-05	7.04E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
135	2.96037	2.0854E-05	6.17E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
136	2.62142	2.0854E-05	5.47E-05	2.50E-04	1.37E-08	14	1.15E-02	2.20E-09	1,000,000	2.20E-03
137	3.79171	2.0854E-05	7.91E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
138	2.90229	2.0854E-05	6.05E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03
139	2.5753	2.0854E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
140	3.23131	2.0854E-05	6.74E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
141	2.87436	2.0854E-05	5.99E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
142	2.57435	2.0854E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
143	2.31933	2.0854E-05	4.84E-05	2.50E-04	1.21E-08	14	1.15E-02	1.94E-09	1,000,000	1.94E-03
144	2.98003	2.0854E-05	6.21E-05	2.50E-04	1.56E-08	14	1.15E-02	2.50E-09	1,000,000	2.50E-03
145	2.6756	2.0854E-05	5.58E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
146	2.41656	2.0854E-05	5.04E-05	2.50E-04	1.26E-08	14	1.15E-02	2.03E-09	1,000,000	2.03E-03
147	2.19358	2.0854E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
148	2.72128	2.0854E-05	5.68E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
149	2.4651	2.0854E-05	5.14E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03
150	2.24504	2.0854E-05	4.68E-05	2.50E-04	1.17E-08	14	1.15E-02	1.88E-09	1,000,000	1.88E-03
151	2.05371	2.0854E-05	4.28E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
152	2.47133	2.0854E-05	5.15E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.70E-05	2.50E-04	1.18E-08	14	1.15E-02	1.89E-09	1,000,000	1.89E-03
154	2.0695	2.0854E-05	4.32E-05	2.50E-04	1.08E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
155	1.90676	2.0854E-05	3.98E-05	2.50E-04	9.95E-09	14	1.15E-02	1.60E-09	1,000,000	1.60E-03
156	2.24407	2.0854E-05	4.68E-05	2.50E-04	1.17E-08	14	1.15E-02	1.88E-09	1,000,000	1.88E-03
157	2.05922	2.0854E-05	4.29E-05	2.50E-04	1.07E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
158	1.89991	2.0854E-05	3.96E-05	2.50E-04	9.92E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
159	1.76073	2.0854E-05	3.67E-05	2.50E-04	9.19E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
160	2.04776	2.0854E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
161	1.88464	2.0854E-05	3.93E-05	2.50E-04	9.84E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
162	1.74473	2.0854E-05	3.64E-05	2.50E-04	9.11E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
163	1.62295	2.0854E-05	3.38E-05	2.50E-04	8.47E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
164	1.88309	2.0854E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
165	1.73548	2.0854E-05	3.62E-05	2.50E-04	9.06E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
166	1.60783	2.0854E-05	3.35E-05	2.50E-04	8.39E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
167	1.4985	2.0854E-05	3.13E-05	2.50E-04	7.82E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
168	1.74492	2.0854E-05	3.64E-05	2.50E-04	9.11E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
169	1.61002	2.0854E-05	3.36E-05	2.50E-04	8.40E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
170	1.49235	2.0854E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
171	1.39186	2.0854E-05	2.90E-05	2.50E-04	7.26E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
172	1.62624	2.0854E-05	3.39E-05	2.50E-04	8.49E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
173	1.50344	2.0854E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
174	1.39493	2.0854E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
175	1.30116	2.0854E-05	2.71E-05	2.50E-04	6.79E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
176	1.52117	2.0854E-05	3.17E-05	2.50E-04	7.94E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
177	1.41048	2.0854E-05	2.94E-05	2.50E-04	7.36E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
178	1.31099	2.0854E-05	2.73E-05	2.50E-04	6.84E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
179	1.22373	2.0854E-05	2.55E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
180	1.42594	2.0854E-05	2.97E-05	2.50E-04	7.44E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
181	1.32674	2.0854E-05	2.77E-05	2.50E-04	6.92E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
182	1.23665	2.0854E-05	2.58E-05	2.50E-04	6.45E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
183	1.15625	2.0854E-05	2.41E-05	2.50E-04	6.03E-09	14	1.15E-02	9.69E-10	1,000,000	9.69E-04
184	1.884	2.0854E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
185	1.60578	2.0854E-05	3.35E-05	2.50E-04	8.38E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
187	1.39129	2.0854E-05	2.90E-05	2.50E-04	7.26E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
188	1.29666	2.0854E-05	2.70E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
189	1.59927	2.0854E-05	3.34E-05	2.50E-04	8.35E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
190	1.49375	2.0854E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
191	1.39636	2.0854E-05	2.91E-05	2.50E-04	7.29E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
192	1.30623	2.0854E-05	2.72E-05	2.50E-04	6.82E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
193	1.22194	2.0854E-05	2.55E-05	2.50E-04	6.38E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
194	1.48423	2.0854E-05	3.10E-05	2.50E-04	7.75E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
195	1.3924	2.0854E-05	2.90E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
196	1.307	2.0854E-05	2.73E-05	2.50E-04	6.82E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
197	1.2269	2.0854E-05	2.56E-05	2.50E-04	6.40E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
198	1.15305	2.0854E-05	2.40E-05	2.50E-04	6.02E-09	14	1.15E-02	9.67E-10	1,000,000	9.67E-04
199	1.38128	2.0854E-05	2.88E-05	2.50E-04	7.21E-09	14	1.15E-02	1.16E-09	1,000,000	1.16E-03
200	1.3007	2.0854E-05	2.71E-05	2.50E-04	6.79E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
201	1.22519	2.0854E-05	2.56E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
202	1.15461	2.0854E-05	2.41E-05	2.50E-04	6.03E-09	14	1.15E-02	9.68E-10	1,000,000	9.68E-04
203	1.08892	2.0854E-05	2.27E-05	2.50E-04	5.68E-09	14	1.15E-02	9.13E-10	1,000,000	9.13E-04
204	1.62889	2.0854E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
205	1.2888	2.0854E-05	2.69E-05	2.50E-04	6.73E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
206	1.21764	2.0854E-05	2.54E-05	2.50E-04	6.36E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
207	1.15028	2.0854E-05	2.40E-05	2.50E-04	6.00E-09	14	1.15E-02	9.64E-10	1,000,000	9.64E-04
208	1.08805	2.0854E-05	2.27E-05	2.50E-04	5.68E-09	14	1.15E-02	9.12E-10	1,000,000	9.12E-04
209	1.50457	2.0854E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
210	1.42234	2.0854E-05	2.97E-05	2.50E-04	7.42E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
211	1.34505	2.0854E-05	2.81E-05	2.50E-04	7.02E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
212	1.273	2.0854E-05	2.65E-05	2.50E-04	6.64E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
213	1.20552	2.0854E-05	2.51E-05	2.50E-04	6.29E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
214	1.14188	2.0854E-05	2.38E-05	2.50E-04	5.96E-09	14	1.15E-02	9.57E-10	1,000,000	9.57E-04
215	1.08232	2.0854E-05	2.26E-05	2.50E-04	5.65E-09	14	1.15E-02	9.07E-10	1,000,000	9.07E-04
216	1.4319	2.0854E-05	2.99E-05	2.50E-04	7.47E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
217	1.36378	2.0854E-05	2.84E-05	2.50E-04	7.12E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
218	1.29655	2.0854E-05	2.70E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.57E-05	2.50E-04	6.44E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
220	1.1724	2.0854E-05	2.44E-05	2.50E-04	6.12E-09	14	1.15E-02	9.83E-10	1,000,000	9.83E-04
221	1.11513	2.0854E-05	2.33E-05	2.50E-04	5.82E-09	14	1.15E-02	9.35E-10	1,000,000	9.35E-04
222	1.32959	2.0854E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
223	1.26895	2.0854E-05	2.65E-05	2.50E-04	6.62E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
224	1.20977	2.0854E-05	2.52E-05	2.50E-04	6.31E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
225	1.15331	2.0854E-05	2.41E-05	2.50E-04	6.02E-09	14	1.15E-02	9.67E-10	1,000,000	9.67E-04
226	1.09893	2.0854E-05	2.29E-05	2.50E-04	5.74E-09	14	1.15E-02	9.21E-10	1,000,000	9.21E-04
227	1.23848	2.0854E-05	2.58E-05	2.50E-04	6.46E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
228	1.18441	2.0854E-05	2.47E-05	2.50E-04	6.18E-09	14	1.15E-02	9.93E-10	1,000,000	9.93E-04
229	1.13197	2.0854E-05	2.36E-05	2.50E-04	5.91E-09	14	1.15E-02	9.49E-10	1,000,000	9.49E-04
230	1.08088	2.0854E-05	2.25E-05	2.50E-04	5.64E-09	14	1.15E-02	9.06E-10	1,000,000	9.06E-04
231	1.15689	2.0854E-05	2.41E-05	2.50E-04	6.04E-09	14	1.15E-02	9.70E-10	1,000,000	9.70E-04
232	1.10896	2.0854E-05	2.31E-05	2.50E-04	5.79E-09	14	1.15E-02	9.30E-10	1,000,000	9.30E-04
233	1.06191	2.0854E-05	2.21E-05	2.50E-04	5.54E-09	14	1.15E-02	8.90E-10	1,000,000	8.90E-04
234	1.01607	2.0854E-05	2.12E-05	2.50E-04	5.30E-09	14	1.15E-02	8.52E-10	1,000,000	8.52E-04
235	1.08397	2.0854E-05	2.26E-05	2.50E-04	5.66E-09	14	1.15E-02	9.09E-10	1,000,000	9.09E-04
236	1.04103	2.0854E-05	2.17E-05	2.50E-04	5.43E-09	14	1.15E-02	8.73E-10	1,000,000	8.73E-04
237	0.99838	2.0854E-05	2.08E-05	2.50E-04	5.21E-09	14	1.15E-02	8.37E-10	1,000,000	8.37E-04
238	0.95737	2.0854E-05	2.00E-05	2.50E-04	5.00E-09	14	1.15E-02	8.02E-10	1,000,000	8.02E-04
239	1.01834	2.0854E-05	2.12E-05	2.50E-04	5.32E-09	14	1.15E-02	8.54E-10	1,000,000	8.54E-04
240	0.97953	2.0854E-05	2.04E-05	2.50E-04	5.11E-09	14	1.15E-02	8.21E-10	1,000,000	8.21E-04
241	0.94094	2.0854E-05	1.96E-05	2.50E-04	4.91E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
242	0.90398	2.0854E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.58E-10	1,000,000	7.58E-04
243	1.19383	2.0854E-05	2.49E-05	2.50E-04	6.23E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
244	1.18237	2.0854E-05	2.47E-05	2.50E-04	6.17E-09	14	1.15E-02	9.91E-10	1,000,000	9.91E-04
245	1.16496	2.0854E-05	2.43E-05	2.50E-04	6.08E-09	14	1.15E-02	9.76E-10	1,000,000	9.76E-04
246	1.14218	2.0854E-05	2.38E-05	2.50E-04	5.96E-09	14	1.15E-02	9.57E-10	1,000,000	9.57E-04
247	1.11451	2.0854E-05	2.32E-05	2.50E-04	5.82E-09	14	1.15E-02	9.34E-10	1,000,000	9.34E-04
248	1.08326	2.0854E-05	2.26E-05	2.50E-04	5.65E-09	14	1.15E-02	9.08E-10	1,000,000	9.08E-04
249	1.04909	2.0854E-05	2.19E-05	2.50E-04	5.48E-09	14	1.15E-02	8.79E-10	1,000,000	8.79E-04
250	1.12151	2.0854E-05	2.34E-05	2.50E-04	5.85E-09	14	1.15E-02	9.40E-10	1,000,000	9.40E-04
251	1.1099	2.0854E-05	2.31E-05	2.50E-04	5.79E-09	14	1.15E-02	9.30E-10	1,000,000	9.30E-04

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.28E-05	2.50E-04	5.71E-09	14	1.15E-02	9.16E-10	1,000,000	9.16E-04
253	1.07189	2.0854E-05	2.24E-05	2.50E-04	5.59E-09	14	1.15E-02	8.98E-10	1,000,000	8.98E-04
254	1.0464	2.0854E-05	2.18E-05	2.50E-04	5.46E-09	14	1.15E-02	8.77E-10	1,000,000	8.77E-04
255	1.01786	2.0854E-05	2.12E-05	2.50E-04	5.31E-09	14	1.15E-02	8.53E-10	1,000,000	8.53E-04
256	0.98651	2.0854E-05	2.06E-05	2.50E-04	5.15E-09	14	1.15E-02	8.27E-10	1,000,000	8.27E-04
257	1.05579	2.0854E-05	2.20E-05	2.50E-04	5.51E-09	14	1.15E-02	8.85E-10	1,000,000	8.85E-04
258	1.04422	2.0854E-05	2.18E-05	2.50E-04	5.45E-09	14	1.15E-02	8.75E-10	1,000,000	8.75E-04
259	1.02825	2.0854E-05	2.14E-05	2.50E-04	5.37E-09	14	1.15E-02	8.62E-10	1,000,000	8.62E-04
260	1.00834	2.0854E-05	2.10E-05	2.50E-04	5.26E-09	14	1.15E-02	8.45E-10	1,000,000	8.45E-04
261	0.98484	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.26E-10	1,000,000	8.26E-04
262	0.95866	2.0854E-05	2.00E-05	2.50E-04	5.00E-09	14	1.15E-02	8.04E-10	1,000,000	8.04E-04
263	0.93016	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.80E-10	1,000,000	7.80E-04
264	0.99564	2.0854E-05	2.08E-05	2.50E-04	5.20E-09	14	1.15E-02	8.35E-10	1,000,000	8.35E-04
265	0.98446	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.25E-10	1,000,000	8.25E-04
266	0.96929	2.0854E-05	2.02E-05	2.50E-04	5.06E-09	14	1.15E-02	8.12E-10	1,000,000	8.12E-04
267	0.95067	2.0854E-05	1.98E-05	2.50E-04	4.96E-09	14	1.15E-02	7.97E-10	1,000,000	7.97E-04
268	0.9291	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.79E-10	1,000,000	7.79E-04
269	0.90506	2.0854E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.59E-10	1,000,000	7.59E-04
270	0.87899	2.0854E-05	1.83E-05	2.50E-04	4.59E-09	14	1.15E-02	7.37E-10	1,000,000	7.37E-04
271	0.94094	2.0854E-05	1.96E-05	2.50E-04	4.91E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
272	0.93	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.80E-10	1,000,000	7.80E-04
273	0.91557	2.0854E-05	1.91E-05	2.50E-04	4.78E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04
274	0.89815	2.0854E-05	1.87E-05	2.50E-04	4.69E-09	14	1.15E-02	7.53E-10	1,000,000	7.53E-04
275	0.87817	2.0854E-05	1.83E-05	2.50E-04	4.58E-09	14	1.15E-02	7.36E-10	1,000,000	7.36E-04
276	0.85607	2.0854E-05	1.79E-05	2.50E-04	4.47E-09	14	1.15E-02	7.18E-10	1,000,000	7.18E-04
277	0.83215	2.0854E-05	1.74E-05	2.50E-04	4.34E-09	14	1.15E-02	6.98E-10	1,000,000	6.98E-04
278	0.89908	2.0854E-05	1.87E-05	2.50E-04	4.69E-09	14	1.15E-02	7.54E-10	1,000,000	7.54E-04
279	0.92338	2.0854E-05	1.93E-05	2.50E-04	4.82E-09	14	1.15E-02	7.74E-10	1,000,000	7.74E-04
280	0.98391	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.25E-10	1,000,000	8.25E-04
281	0.97176	2.0854E-05	2.03E-05	2.50E-04	5.07E-09	14	1.15E-02	8.15E-10	1,000,000	8.15E-04
282	1.03494	2.0854E-05	2.16E-05	2.50E-04	5.40E-09	14	1.15E-02	8.68E-10	1,000,000	8.68E-04
283	0.91452	2.0854E-05	1.91E-05	2.50E-04	4.77E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	9.09766	2.0854E-05	1.90E-04	2.50E-04	4.75E-08	29	1.15E-02	1.60E-08	1,000,000	1.60E-02
27	10.81295	2.0854E-05	2.25E-04	2.50E-04	5.64E-08	29	1.15E-02	1.90E-08	1,000,000	1.90E-02
28	13.11291	2.0854E-05	2.73E-04	2.50E-04	6.84E-08	29	1.15E-02	2.30E-08	1,000,000	2.30E-02
29	16.30429	2.0854E-05	3.40E-04	2.50E-04	8.51E-08	29	1.15E-02	2.87E-08	1,000,000	2.87E-02
30	20.90723	2.0854E-05	4.36E-04	2.50E-04	1.09E-07	29	1.15E-02	3.67E-08	1,000,000	3.67E-02
31	27.82208	2.0854E-05	5.80E-04	2.50E-04	1.45E-07	29	1.15E-02	4.89E-08	1,000,000	4.89E-02
32	38.63195	2.0854E-05	8.06E-04	2.50E-04	2.02E-07	29	1.15E-02	6.79E-08	1,000,000	6.79E-02
33	56.22568	2.0854E-05	1.17E-03	2.50E-04	2.93E-07	29	1.15E-02	9.88E-08	1,000,000	9.88E-02
34	86.67441	2.0854E-05	1.81E-03	2.50E-04	4.52E-07	29	1.15E-02	1.52E-07	1,000,000	1.52E-01
35	150.3963	2.0854E-05	3.14E-03	2.50E-04	7.85E-07	29	1.15E-02	2.64E-07	1,000,000	2.64E-01
36	130.9415	2.0854E-05	2.73E-03	2.50E-04	6.83E-07	29	1.15E-02	2.30E-07	1,000,000	2.30E-01
37	9.26964	2.0854E-05	1.93E-04	2.50E-04	4.84E-08	29	1.15E-02	1.63E-08	1,000,000	1.63E-02
38	11.04927	2.0854E-05	2.30E-04	2.50E-04	5.77E-08	29	1.15E-02	1.94E-08	1,000,000	1.94E-02
39	13.4354	2.0854E-05	2.80E-04	2.50E-04	7.01E-08	29	1.15E-02	2.36E-08	1,000,000	2.36E-02
40	16.72858	2.0854E-05	3.49E-04	2.50E-04	8.73E-08	29	1.15E-02	2.94E-08	1,000,000	2.94E-02
41	21.41301	2.0854E-05	4.47E-04	2.50E-04	1.12E-07	29	1.15E-02	3.76E-08	1,000,000	3.76E-02
42	28.27979	2.0854E-05	5.90E-04	2.50E-04	1.48E-07	29	1.15E-02	4.97E-08	1,000,000	4.97E-02
43	38.66245	2.0854E-05	8.06E-04	2.50E-04	2.02E-07	29	1.15E-02	6.79E-08	1,000,000	6.79E-02
44	55.00978	2.0854E-05	1.15E-03	2.50E-04	2.87E-07	29	1.15E-02	9.67E-08	1,000,000	9.67E-02
45	82.84434	2.0854E-05	1.73E-03	2.50E-04	4.32E-07	29	1.15E-02	1.46E-07	1,000,000	1.46E-01
46	142.6802	2.0854E-05	2.98E-03	2.50E-04	7.45E-07	29	1.15E-02	2.51E-07	1,000,000	2.51E-01
47	131.1023	2.0854E-05	2.73E-03	2.50E-04	6.84E-07	29	1.15E-02	2.30E-07	1,000,000	2.30E-01
48	9.39917	2.0854E-05	1.96E-04	2.50E-04	4.91E-08	29	1.15E-02	1.65E-08	1,000,000	1.65E-02
49	11.22382	2.0854E-05	2.34E-04	2.50E-04	5.86E-08	29	1.15E-02	1.97E-08	1,000,000	1.97E-02
50	13.66146	2.0854E-05	2.85E-04	2.50E-04	7.13E-08	29	1.15E-02	2.40E-08	1,000,000	2.40E-02
51	16.99628	2.0854E-05	3.54E-04	2.50E-04	8.87E-08	29	1.15E-02	2.99E-08	1,000,000	2.99E-02
52	21.66951	2.0854E-05	4.52E-04	2.50E-04	1.13E-07	29	1.15E-02	3.81E-08	1,000,000	3.81E-02
53	28.38378	2.0854E-05	5.92E-04	2.50E-04	1.48E-07	29	1.15E-02	4.99E-08	1,000,000	4.99E-02
54	38.33109	2.0854E-05	7.99E-04	2.50E-04	2.00E-07	29	1.15E-02	6.74E-08	1,000,000	6.74E-02
55	53.8137	2.0854E-05	1.12E-03	2.50E-04	2.81E-07	29	1.15E-02	9.46E-08	1,000,000	9.46E-02
56	80.3929	2.0854E-05	1.68E-03	2.50E-04	4.20E-07	29	1.15E-02	1.41E-07	1,000,000	1.41E-01
57	138.9896	2.0854E-05	2.90E-03	2.50E-04	7.25E-07	29	1.15E-02	2.44E-07	1,000,000	2.44E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	2.72E-03	2.50E-04	6.81E-07	29	1.15E-02	2.29E-07	1,000,000	2.29E-01
59	9.482	2.0854E-05	1.98E-04	2.50E-04	4.95E-08	29	1.15E-02	1.67E-08	1,000,000	1.67E-02
60	11.3276	2.0854E-05	2.36E-04	2.50E-04	5.91E-08	29	1.15E-02	1.99E-08	1,000,000	1.99E-02
61	13.77736	2.0854E-05	2.87E-04	2.50E-04	7.19E-08	29	1.15E-02	2.42E-08	1,000,000	2.42E-02
62	17.09451	2.0854E-05	3.56E-04	2.50E-04	8.92E-08	29	1.15E-02	3.00E-08	1,000,000	3.00E-02
63	21.68084	2.0854E-05	4.52E-04	2.50E-04	1.13E-07	29	1.15E-02	3.81E-08	1,000,000	3.81E-02
64	28.17851	2.0854E-05	5.88E-04	2.50E-04	1.47E-07	29	1.15E-02	4.95E-08	1,000,000	4.95E-02
65	37.71212	2.0854E-05	7.86E-04	2.50E-04	1.97E-07	29	1.15E-02	6.63E-08	1,000,000	6.63E-02
66	52.55968	2.0854E-05	1.10E-03	2.50E-04	2.74E-07	29	1.15E-02	9.24E-08	1,000,000	9.24E-02
67	78.3585	2.0854E-05	1.63E-03	2.50E-04	4.09E-07	29	1.15E-02	1.38E-07	1,000,000	1.38E-01
68	135.725	2.0854E-05	2.83E-03	2.50E-04	7.08E-07	29	1.15E-02	2.39E-07	1,000,000	2.39E-01
69	128.5347	2.0854E-05	2.68E-03	2.50E-04	6.71E-07	29	1.15E-02	2.26E-07	1,000,000	2.26E-01
70	9.51461	2.0854E-05	1.98E-04	2.50E-04	4.97E-08	29	1.15E-02	1.67E-08	1,000,000	1.67E-02
71	11.35515	2.0854E-05	2.37E-04	2.50E-04	5.93E-08	29	1.15E-02	2.00E-08	1,000,000	2.00E-02
72	13.77786	2.0854E-05	2.87E-04	2.50E-04	7.19E-08	29	1.15E-02	2.42E-08	1,000,000	2.42E-02
73	17.02378	2.0854E-05	3.55E-04	2.50E-04	8.89E-08	29	1.15E-02	2.99E-08	1,000,000	2.99E-02
74	21.4613	2.0854E-05	4.48E-04	2.50E-04	1.12E-07	29	1.15E-02	3.77E-08	1,000,000	3.77E-02
75	27.69085	2.0854E-05	5.77E-04	2.50E-04	1.45E-07	29	1.15E-02	4.87E-08	1,000,000	4.87E-02
76	36.79858	2.0854E-05	7.67E-04	2.50E-04	1.92E-07	29	1.15E-02	6.47E-08	1,000,000	6.47E-02
77	51.04144	2.0854E-05	1.06E-03	2.50E-04	2.66E-07	29	1.15E-02	8.97E-08	1,000,000	8.97E-02
78	76.00873	2.0854E-05	1.59E-03	2.50E-04	3.97E-07	29	1.15E-02	1.34E-07	1,000,000	1.34E-01
79	131.6977	2.0854E-05	2.75E-03	2.50E-04	6.87E-07	29	1.15E-02	2.31E-07	1,000,000	2.31E-01
80	124.8277	2.0854E-05	2.60E-03	2.50E-04	6.52E-07	29	1.15E-02	2.19E-07	1,000,000	2.19E-01
81	9.49569	2.0854E-05	1.98E-04	2.50E-04	4.96E-08	29	1.15E-02	1.67E-08	1,000,000	1.67E-02
82	11.30613	2.0854E-05	2.36E-04	2.50E-04	5.90E-08	29	1.15E-02	1.99E-08	1,000,000	1.99E-02
83	13.66645	2.0854E-05	2.85E-04	2.50E-04	7.13E-08	29	1.15E-02	2.40E-08	1,000,000	2.40E-02
84	16.79518	2.0854E-05	3.50E-04	2.50E-04	8.77E-08	29	1.15E-02	2.95E-08	1,000,000	2.95E-02
85	21.02957	2.0854E-05	4.39E-04	2.50E-04	1.10E-07	29	1.15E-02	3.70E-08	1,000,000	3.70E-02
86	26.93106	2.0854E-05	5.62E-04	2.50E-04	1.41E-07	29	1.15E-02	4.73E-08	1,000,000	4.73E-02
87	35.53801	2.0854E-05	7.41E-04	2.50E-04	1.85E-07	29	1.15E-02	6.24E-08	1,000,000	6.24E-02
88	49.03253	2.0854E-05	1.02E-03	2.50E-04	2.56E-07	29	1.15E-02	8.62E-08	1,000,000	8.62E-02
89	72.81989	2.0854E-05	1.52E-03	2.50E-04	3.80E-07	29	1.15E-02	1.28E-07	1,000,000	1.28E-01
90	126.1204	2.0854E-05	2.63E-03	2.50E-04	6.58E-07	29	1.15E-02	2.22E-07	1,000,000	2.22E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	2.47E-03	2.50E-04	6.18E-07	29	1.15E-02	2.08E-07	1,000,000	2.08E-01
92	9.42677	2.0854E-05	1.97E-04	2.50E-04	4.92E-08	29	1.15E-02	1.66E-08	1,000,000	1.66E-02
93	11.18503	2.0854E-05	2.33E-04	2.50E-04	5.84E-08	29	1.15E-02	1.97E-08	1,000,000	1.97E-02
94	13.45341	2.0854E-05	2.81E-04	2.50E-04	7.02E-08	29	1.15E-02	2.36E-08	1,000,000	2.36E-02
95	16.42703	2.0854E-05	3.43E-04	2.50E-04	8.57E-08	29	1.15E-02	2.89E-08	1,000,000	2.89E-02
96	20.40931	2.0854E-05	4.26E-04	2.50E-04	1.07E-07	29	1.15E-02	3.59E-08	1,000,000	3.59E-02
97	25.91118	2.0854E-05	5.40E-04	2.50E-04	1.35E-07	29	1.15E-02	4.55E-08	1,000,000	4.55E-02
98	33.88582	2.0854E-05	7.07E-04	2.50E-04	1.77E-07	29	1.15E-02	5.95E-08	1,000,000	5.95E-02
99	46.34544	2.0854E-05	9.67E-04	2.50E-04	2.42E-07	29	1.15E-02	8.14E-08	1,000,000	8.14E-02
100	68.30693	2.0854E-05	1.42E-03	2.50E-04	3.57E-07	29	1.15E-02	1.20E-07	1,000,000	1.20E-01
101	117.8256	2.0854E-05	2.46E-03	2.50E-04	6.15E-07	29	1.15E-02	2.07E-07	1,000,000	2.07E-01
102	106.8157	2.0854E-05	2.23E-03	2.50E-04	5.58E-07	29	1.15E-02	1.88E-07	1,000,000	1.88E-01
103	15.97528	2.0854E-05	3.33E-04	2.50E-04	8.34E-08	29	1.15E-02	2.81E-08	1,000,000	2.81E-02
104	19.6451	2.0854E-05	4.10E-04	2.50E-04	1.03E-07	29	1.15E-02	3.45E-08	1,000,000	3.45E-02
105	24.85975	2.0854E-05	5.18E-04	2.50E-04	1.30E-07	29	1.15E-02	4.37E-08	1,000,000	4.37E-02
106	32.28592	2.0854E-05	6.73E-04	2.50E-04	1.69E-07	29	1.15E-02	5.67E-08	1,000,000	5.67E-02
107	42.91974	2.0854E-05	8.95E-04	2.50E-04	2.24E-07	29	1.15E-02	7.54E-08	1,000,000	7.54E-02
108	62.06138	2.0854E-05	1.29E-03	2.50E-04	3.24E-07	29	1.15E-02	1.09E-07	1,000,000	1.09E-01
109	104.667	2.0854E-05	2.18E-03	2.50E-04	5.46E-07	29	1.15E-02	1.84E-07	1,000,000	1.84E-01
110	80.07713	2.0854E-05	1.67E-03	2.50E-04	4.18E-07	29	1.15E-02	1.41E-07	1,000,000	1.41E-01
111	13.2372	2.0854E-05	2.76E-04	2.50E-04	6.91E-08	29	1.15E-02	2.33E-08	1,000,000	2.33E-02
112	10.84503	2.0854E-05	2.26E-04	2.50E-04	5.66E-08	29	1.15E-02	1.91E-08	1,000,000	1.91E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**		**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
						Residential Receptors				
1	5.8E-03		School	0.8141	35	5	5.29E-06	0.00188	35	School
2	6.2E-03		Res	0.0548	125	5	5.59E-06	0.0000	125	Res
3	6.5E-03		Teachers	0.264	35	5	5.93E-06	0.00188	35	Teachers
4	6.9E-03					5	6.30E-06			
5	7.4E-03					5	6.71E-06			
6	5.8E-03					5	5.28E-06			
7	6.1E-03					5	5.58E-06			
8	6.5E-03					5	5.91E-06			
9	6.9E-03					5	6.28E-06			
10	7.4E-03					5	6.69E-06			
11	5.8E-03					5	5.26E-06			
12	6.1E-03					5	5.56E-06			
13	6.5E-03					5	5.89E-06			
14	6.9E-03					5	6.27E-06			
15	7.4E-03					5	6.68E-06			
16	5.8E-03					5	5.24E-06			
17	6.1E-03					5	5.54E-06			
18	6.5E-03					5	5.88E-06			
19	6.9E-03					5	6.24E-06			
20	7.3E-03					5	6.65E-06			
21	5.8E-03					5	5.22E-06			
22	6.1E-03					5	5.53E-06			
23	6.5E-03					5	5.86E-06			
24	6.9E-03					5	6.23E-06			
25	7.3E-03					5	6.62E-06			
113	5.4E-02					5	4.88E-05			
114	4.7E-02					5	4.25E-05			
115	4.1E-02					5	3.74E-05			
116	3.7E-02					5	3.32E-05			
117	5.4E-02					5	4.94E-05			
118	4.7E-02					5	4.29E-05			
119	4.2E-02					5	3.77E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	3.7E-02				5	3.34E-05		
121	5.5E-02				5	4.97E-05		
122	4.8E-02				5	4.31E-05		
123	4.2E-02				5	3.78E-05		
124	3.7E-02				5	3.34E-05		
125	5.5E-02				5	4.97E-05		
126	4.7E-02				5	4.31E-05		
127	4.2E-02				5	3.78E-05		
128	3.7E-02				5	3.34E-05		
129	5.4E-02				5	4.94E-05		
130	4.7E-02				5	4.28E-05		
131	4.1E-02				5	3.75E-05		
132	3.7E-02				5	3.32E-05		
133	5.4E-02				5	4.87E-05		
134	4.7E-02				5	4.22E-05		
135	4.1E-02				5	3.70E-05		
136	3.6E-02				5	3.28E-05		
137	5.2E-02				5	4.74E-05		
138	4.0E-02				5	3.63E-05		
139	3.6E-02				5	3.22E-05		
140	4.5E-02				5	4.04E-05		
141	4.0E-02				5	3.60E-05		
142	3.6E-02				5	3.22E-05		
143	3.2E-02				5	2.90E-05		
144	4.1E-02				5	3.73E-05		
145	3.7E-02				5	3.35E-05		
146	3.3E-02				5	3.02E-05		
147	3.0E-02				5	2.74E-05		
148	3.8E-02				5	3.41E-05		
149	3.4E-02				5	3.08E-05		
150	3.1E-02				5	2.81E-05		
151	2.8E-02				5	2.57E-05		
152	3.4E-02				5	3.09E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	3.1E-02				5	2.82E-05		
154	2.9E-02				5	2.59E-05		
155	2.6E-02				5	2.39E-05		
156	3.1E-02				5	2.81E-05		
157	2.8E-02				5	2.58E-05		
158	2.6E-02				5	2.38E-05		
159	2.4E-02				5	2.20E-05		
160	2.8E-02				5	2.56E-05		
161	2.6E-02				5	2.36E-05		
162	2.4E-02				5	2.18E-05		
163	2.2E-02				5	2.03E-05		
164	2.6E-02				5	2.36E-05		
165	2.4E-02				5	2.17E-05		
166	2.2E-02				5	2.01E-05		
167	2.1E-02				5	1.88E-05		
168	2.4E-02				5	2.18E-05		
169	2.2E-02				5	2.01E-05		
170	2.1E-02				5	1.87E-05		
171	1.9E-02				5	1.74E-05		
172	2.2E-02				5	2.03E-05		
173	2.1E-02				5	1.88E-05		
174	1.9E-02				5	1.75E-05		
175	1.8E-02				5	1.63E-05		
176	2.1E-02				5	1.90E-05		
177	1.9E-02				5	1.76E-05		
178	1.8E-02				5	1.64E-05		
179	1.7E-02				5	1.53E-05		
180	2.0E-02				5	1.78E-05		
181	1.8E-02				5	1.66E-05		
182	1.7E-02				5	1.55E-05		
183	1.6E-02				5	1.45E-05		
184	2.6E-02				5	2.36E-05		
185	2.2E-02				5	2.01E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	2.1E-02				5	1.87E-05		
187	1.9E-02				5	1.74E-05		
188	1.8E-02				5	1.62E-05		
189	2.2E-02				5	2.00E-05		
190	2.1E-02				5	1.87E-05		
191	1.9E-02				5	1.75E-05		
192	1.8E-02				5	1.63E-05		
193	1.7E-02				5	1.53E-05		
194	2.0E-02				5	1.86E-05		
195	1.9E-02				5	1.74E-05		
196	1.8E-02				5	1.64E-05		
197	1.7E-02				5	1.54E-05		
198	1.6E-02				5	1.44E-05		
199	1.9E-02				5	1.73E-05		
200	1.8E-02				5	1.63E-05		
201	1.7E-02				5	1.53E-05		
202	1.6E-02				5	1.44E-05		
203	1.5E-02				5	1.36E-05		
204	2.2E-02				5	2.04E-05		
205	1.8E-02				5	1.61E-05		
206	1.7E-02				5	1.52E-05		
207	1.6E-02				5	1.44E-05		
208	1.5E-02				5	1.36E-05		
209	2.1E-02				5	1.88E-05		
210	2.0E-02				5	1.78E-05		
211	1.9E-02				5	1.68E-05		
212	1.8E-02				5	1.59E-05		
213	1.7E-02				5	1.51E-05		
214	1.6E-02				5	1.43E-05		
215	1.5E-02				5	1.35E-05		
216	2.0E-02				5	1.79E-05		
217	1.9E-02				5	1.71E-05		
218	1.8E-02				5	1.62E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.7E-02				5	1.54E-05		
220	1.6E-02				5	1.47E-05		
221	1.5E-02				5	1.40E-05		
222	1.8E-02				5	1.66E-05		
223	1.7E-02				5	1.59E-05		
224	1.7E-02				5	1.51E-05		
225	1.6E-02				5	1.44E-05		
226	1.5E-02				5	1.38E-05		
227	1.7E-02				5	1.55E-05		
228	1.6E-02				5	1.48E-05		
229	1.6E-02				5	1.42E-05		
230	1.5E-02				5	1.35E-05		
231	1.6E-02				5	1.45E-05		
232	1.5E-02				5	1.39E-05		
233	1.5E-02				5	1.33E-05		
234	1.4E-02				5	1.27E-05		
235	1.5E-02				5	1.36E-05		
236	1.4E-02				5	1.30E-05		
237	1.4E-02				5	1.25E-05		
238	1.3E-02				5	1.20E-05		
239	1.4E-02				5	1.27E-05		
240	1.4E-02				5	1.23E-05		
241	1.3E-02				5	1.18E-05		
242	1.2E-02				5	1.13E-05		
243	1.6E-02				5	1.49E-05		
244	1.6E-02				5	1.48E-05		
245	1.6E-02				5	1.46E-05		
246	1.6E-02				5	1.43E-05		
247	1.5E-02				5	1.39E-05		
248	1.5E-02				5	1.36E-05		
249	1.4E-02				5	1.31E-05		
250	1.5E-02				5	1.40E-05		
251	1.5E-02				5	1.39E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.5E-02				5	1.37E-05		
253	1.5E-02				5	1.34E-05		
254	1.4E-02				5	1.31E-05		
255	1.4E-02				5	1.27E-05		
256	1.4E-02				5	1.23E-05		
257	1.5E-02				5	1.32E-05		
258	1.4E-02				5	1.31E-05		
259	1.4E-02				5	1.29E-05		
260	1.4E-02				5	1.26E-05		
261	1.4E-02				5	1.23E-05		
262	1.3E-02				5	1.20E-05		
263	1.3E-02				5	1.16E-05		
264	1.4E-02				5	1.25E-05		
265	1.4E-02				5	1.23E-05		
266	1.3E-02				5	1.21E-05		
267	1.3E-02				5	1.19E-05		
268	1.3E-02				5	1.16E-05		
269	1.2E-02				5	1.13E-05		
270	1.2E-02				5	1.10E-05		
271	1.3E-02				5	1.18E-05		
272	1.3E-02				5	1.16E-05		
273	1.3E-02				5	1.15E-05		
274	1.2E-02				5	1.12E-05		
275	1.2E-02				5	1.10E-05		
276	1.2E-02				5	1.07E-05		
277	1.1E-02				5	1.04E-05		
278	1.2E-02				5	1.12E-05		
279	1.3E-02				5	1.16E-05		
280	1.4E-02				5	1.23E-05		
281	1.3E-02				5	1.22E-05		
282	1.4E-02				5	1.29E-05		
283	1.3E-02				5	1.14E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	4.9E-02	1.6E-02			5	1.14E-04		
27	5.9E-02	1.9E-02			5	1.35E-04		
28	7.1E-02	2.3E-02			5	1.64E-04		
29	8.8E-02	2.9E-02			5	2.04E-04		
30	1.1E-01	3.7E-02			5	2.62E-04		
31	1.5E-01	4.9E-02			5	3.48E-04		
32	2.1E-01	6.8E-02			5	4.83E-04		
33	3.0E-01	9.9E-02			5	7.04E-04		
34	4.7E-01	1.5E-01			5	1.08E-03		
35	8.1E-01	2.6E-01			5	1.88E-03		
36	7.1E-01	2.3E-01			5	1.64E-03		
37	5.0E-02	1.6E-02			5	1.16E-04		
38	6.0E-02	1.9E-02			5	1.38E-04		
39	7.3E-02	2.4E-02			5	1.68E-04		
40	9.1E-02	2.9E-02			5	2.09E-04		
41	1.2E-01	3.8E-02			5	2.68E-04		
42	1.5E-01	5.0E-02			5	3.54E-04		
43	2.1E-01	6.8E-02			5	4.84E-04		
44	3.0E-01	9.7E-02			5	6.88E-04		
45	4.5E-01	1.5E-01			5	1.04E-03		
46	7.7E-01	2.5E-01			5	1.79E-03		
47	7.1E-01	2.3E-01			5	1.64E-03		
48	5.1E-02	1.7E-02			5	1.18E-04		
49	6.1E-02	2.0E-02			5	1.40E-04		
50	7.4E-02	2.4E-02			5	1.71E-04		
51	9.2E-02	3.0E-02			5	2.13E-04		
52	1.2E-01	3.8E-02			5	2.71E-04		
53	1.5E-01	5.0E-02			5	3.55E-04		
54	2.1E-01	6.7E-02			5	4.80E-04		
55	2.9E-01	9.5E-02			5	6.73E-04		
56	4.4E-01	1.4E-01			5	1.01E-03		
57	7.5E-01	2.4E-01			5	1.74E-03		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	7.1E-01	2.3E-01			5	1.63E-03		
59	5.1E-02	1.7E-02			5	1.19E-04		
60	6.1E-02	2.0E-02			5	1.42E-04		
61	7.5E-02	2.4E-02			5	1.72E-04		
62	9.3E-02	3.0E-02			5	2.14E-04		
63	1.2E-01	3.8E-02			5	2.71E-04		
64	1.5E-01	5.0E-02			5	3.53E-04		
65	2.0E-01	6.6E-02			5	4.72E-04		
66	2.8E-01	9.2E-02			5	6.58E-04		
67	4.2E-01	1.4E-01			5	9.80E-04		
68	7.3E-01	2.4E-01			5	1.70E-03		
69	7.0E-01	2.3E-01			5	1.61E-03		
70	5.2E-02	1.7E-02			5	1.19E-04		
71	6.1E-02	2.0E-02			5	1.42E-04		
72	7.5E-02	2.4E-02			5	1.72E-04		
73	9.2E-02	3.0E-02			5	2.13E-04		
74	1.2E-01	3.8E-02			5	2.69E-04		
75	1.5E-01	4.9E-02			5	3.46E-04		
76	2.0E-01	6.5E-02			5	4.60E-04		
77	2.8E-01	9.0E-02			5	6.39E-04		
78	4.1E-01	1.3E-01			5	9.51E-04		
79	7.1E-01	2.3E-01			5	1.65E-03		
80	6.8E-01	2.2E-01			5	1.56E-03		
81	5.1E-02	1.7E-02			5	1.19E-04		
82	6.1E-02	2.0E-02			5	1.41E-04		
83	7.4E-02	2.4E-02			5	1.71E-04		
84	9.1E-02	3.0E-02			5	2.10E-04		
85	1.1E-01	3.7E-02			5	2.63E-04		
86	1.5E-01	4.7E-02			5	3.37E-04		
87	1.9E-01	6.2E-02			5	4.45E-04		
88	2.7E-01	8.6E-02			5	6.14E-04		
89	3.9E-01	1.3E-01			5	9.11E-04		
90	6.8E-01	2.2E-01			5	1.58E-03		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	6.4E-01	2.1E-01			5	1.48E-03		
92	5.1E-02	1.7E-02			5	1.18E-04		
93	6.1E-02	2.0E-02			5	1.40E-04		
94	7.3E-02	2.4E-02			5	1.68E-04		
95	8.9E-02	2.9E-02			5	2.06E-04		
96	1.1E-01	3.6E-02			5	2.55E-04		
97	1.4E-01	4.6E-02			5	3.24E-04		
98	1.8E-01	6.0E-02			5	4.24E-04		
99	2.5E-01	8.1E-02			5	5.80E-04		
100	3.7E-01	1.2E-01			5	8.55E-04		
101	6.4E-01	2.1E-01			5	1.47E-03		
102	5.8E-01	1.9E-01			5	1.34E-03		
103	8.6E-02	2.8E-02			5	2.00E-04		
104	1.1E-01	3.5E-02			5	2.46E-04		
105	1.3E-01	4.4E-02			5	3.11E-04		
106	1.7E-01	5.7E-02			5	4.04E-04		
107	2.3E-01	7.5E-02			5	5.37E-04		
108	3.4E-01	1.1E-01			5	7.77E-04		
109	5.7E-01	1.8E-01			5	1.31E-03		
110	4.3E-01	1.4E-01			5	1.00E-03		
111	7.2E-02	2.3E-02			5	1.66E-04		
112	5.9E-02	1.9E-02			5	1.36E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	**3.99E-05**	6.63E-05	1.05E-03	6.93E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
2	1.90628	3.9894E-05	7.6049E-05	1.05E-03	7.95E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
3	2.22279	3.9894E-05	8.8676E-05	1.05E-03	9.27E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
4	2.63768	3.9894E-05	0.00010523	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
5	3.20867	3.9894E-05	0.00012801	1.05E-03	1.34E-07	1.35	1.57E-01	2.84E-08	1,000,000	2.84E-02
6	1.66119	3.9894E-05	6.6272E-05	1.05E-03	6.93E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
7	1.90327	3.9894E-05	7.5929E-05	1.05E-03	7.94E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
8	2.21514	3.9894E-05	8.8371E-05	1.05E-03	9.24E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
9	2.6309	3.9894E-05	0.00010496	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
10	3.19692	3.9894E-05	0.00012754	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
11	1.64254	3.9894E-05	6.5528E-05	1.05E-03	6.85E-08	1.35	1.57E-01	1.45E-08	1,000,000	1.45E-02
12	1.87947	3.9894E-05	7.498E-05	1.05E-03	7.84E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
13	2.18507	3.9894E-05	8.7171E-05	1.05E-03	9.11E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
14	2.59441	3.9894E-05	0.0001035	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
15	3.1467	3.9894E-05	0.00012553	1.05E-03	1.31E-07	1.35	1.57E-01	2.78E-08	1,000,000	2.78E-02
16	1.61586	3.9894E-05	6.4463E-05	1.05E-03	6.74E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
17	1.8488	3.9894E-05	7.3756E-05	1.05E-03	7.71E-08	1.35	1.57E-01	1.64E-08	1,000,000	1.64E-02
18	2.14651	3.9894E-05	8.5633E-05	1.05E-03	8.95E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
19	2.53837	3.9894E-05	0.00010127	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
20	3.09228	3.9894E-05	0.00012336	1.05E-03	1.29E-07	1.35	1.57E-01	2.74E-08	1,000,000	2.74E-02
21	1.58904	3.9894E-05	6.3393E-05	1.05E-03	6.63E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02
22	1.81687	3.9894E-05	7.2482E-05	1.05E-03	7.58E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02
23	2.11086	3.9894E-05	8.4211E-05	1.05E-03	8.80E-08	1.35	1.57E-01	1.87E-08	1,000,000	1.87E-02
24	2.50061	3.9894E-05	9.976E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
25	3.03517	3.9894E-05	0.00012109	1.05E-03	1.27E-07	1.35	1.57E-01	2.68E-08	1,000,000	2.68E-02
127	0.80565	3.9894E-05	3.2141E-05	1.05E-03	3.36E-08	1.35	1.57E-01	7.13E-09	1,000,000	7.13E-03
128	0.76839	3.9894E-05	3.0654E-05	1.05E-03	3.20E-08	1.35	1.57E-01	6.80E-09	1,000,000	6.80E-03
129	0.90431	3.9894E-05	3.6077E-05	1.05E-03	3.77E-08	1.35	1.57E-01	8.00E-09	1,000,000	8.00E-03
130	0.86031	3.9894E-05	3.4321E-05	1.05E-03	3.59E-08	1.35	1.57E-01	7.61E-09	1,000,000	7.61E-03
131	0.81884	3.9894E-05	3.2667E-05	1.05E-03	3.41E-08	1.35	1.57E-01	7.24E-09	1,000,000	7.24E-03
132	0.77987	3.9894E-05	3.1112E-05	1.05E-03	3.25E-08	1.35	1.57E-01	6.90E-09	1,000,000	6.90E-03
133	0.92126	3.9894E-05	3.6753E-05	1.05E-03	3.84E-08	1.35	1.57E-01	8.15E-09	1,000,000	8.15E-03
134	0.87489	3.9894E-05	3.4903E-05	1.05E-03	3.65E-08	1.35	1.57E-01	7.74E-09	1,000,000	7.74E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.3169E-05	1.05E-03	3.47E-08	1.35	1.57E-01	7.35E-09	1,000,000	7.35E-03
136	0.79075	3.9894E-05	3.1546E-05	1.05E-03	3.30E-08	1.35	1.57E-01	6.99E-09	1,000,000	6.99E-03
137	0.93745	3.9894E-05	3.7399E-05	1.05E-03	3.91E-08	1.35	1.57E-01	8.29E-09	1,000,000	8.29E-03
138	0.84329	3.9894E-05	3.3642E-05	1.05E-03	3.52E-08	1.35	1.57E-01	7.46E-09	1,000,000	7.46E-03
139	0.80092	3.9894E-05	3.1952E-05	1.05E-03	3.34E-08	1.35	1.57E-01	7.08E-09	1,000,000	7.08E-03
140	0.98007	3.9894E-05	3.9099E-05	1.05E-03	4.09E-08	1.35	1.57E-01	8.67E-09	1,000,000	8.67E-03
141	0.92464	3.9894E-05	3.6888E-05	1.05E-03	3.86E-08	1.35	1.57E-01	8.18E-09	1,000,000	8.18E-03
142	0.87359	3.9894E-05	3.4851E-05	1.05E-03	3.64E-08	1.35	1.57E-01	7.73E-09	1,000,000	7.73E-03
143	0.82653	3.9894E-05	3.2974E-05	1.05E-03	3.45E-08	1.35	1.57E-01	7.31E-09	1,000,000	7.31E-03
144	0.99197	3.9894E-05	3.9574E-05	1.05E-03	4.14E-08	1.35	1.57E-01	8.77E-09	1,000,000	8.77E-03
145	0.93454	3.9894E-05	3.7283E-05	1.05E-03	3.90E-08	1.35	1.57E-01	8.27E-09	1,000,000	8.27E-03
146	0.88187	3.9894E-05	3.5181E-05	1.05E-03	3.68E-08	1.35	1.57E-01	7.80E-09	1,000,000	7.80E-03
147	0.83349	3.9894E-05	3.3251E-05	1.05E-03	3.48E-08	1.35	1.57E-01	7.37E-09	1,000,000	7.37E-03
148	1.00272	3.9894E-05	4.0003E-05	1.05E-03	4.18E-08	1.35	1.57E-01	8.87E-09	1,000,000	8.87E-03
149	0.94348	3.9894E-05	3.7639E-05	1.05E-03	3.93E-08	1.35	1.57E-01	8.35E-09	1,000,000	8.35E-03
150	0.88936	3.9894E-05	3.548E-05	1.05E-03	3.71E-08	1.35	1.57E-01	7.87E-09	1,000,000	7.87E-03
151	0.83982	3.9894E-05	3.3504E-05	1.05E-03	3.50E-08	1.35	1.57E-01	7.43E-09	1,000,000	7.43E-03
152	1.01245	3.9894E-05	4.0391E-05	1.05E-03	4.22E-08	1.35	1.57E-01	8.96E-09	1,000,000	8.96E-03
153	0.95161	3.9894E-05	3.7964E-05	1.05E-03	3.97E-08	1.35	1.57E-01	8.42E-09	1,000,000	8.42E-03
154	0.89622	3.9894E-05	3.5754E-05	1.05E-03	3.74E-08	1.35	1.57E-01	7.93E-09	1,000,000	7.93E-03
155	0.84568	3.9894E-05	3.3738E-05	1.05E-03	3.53E-08	1.35	1.57E-01	7.48E-09	1,000,000	7.48E-03
156	1.02132	3.9894E-05	4.0745E-05	1.05E-03	4.26E-08	1.35	1.57E-01	9.03E-09	1,000,000	9.03E-03
157	0.95909	3.9894E-05	3.8262E-05	1.05E-03	4.00E-08	1.35	1.57E-01	8.48E-09	1,000,000	8.48E-03
158	0.90261	3.9894E-05	3.6009E-05	1.05E-03	3.76E-08	1.35	1.57E-01	7.98E-09	1,000,000	7.98E-03
159	0.85123	3.9894E-05	3.3959E-05	1.05E-03	3.55E-08	1.35	1.57E-01	7.53E-09	1,000,000	7.53E-03
160	1.02953	3.9894E-05	4.1072E-05	1.05E-03	4.29E-08	1.35	1.57E-01	9.11E-09	1,000,000	9.11E-03
161	0.9661	3.9894E-05	3.8542E-05	1.05E-03	4.03E-08	1.35	1.57E-01	8.55E-09	1,000,000	8.55E-03
162	0.90869	3.9894E-05	3.6251E-05	1.05E-03	3.79E-08	1.35	1.57E-01	8.04E-09	1,000,000	8.04E-03
163	0.85765	3.9894E-05	3.4215E-05	1.05E-03	3.58E-08	1.35	1.57E-01	7.59E-09	1,000,000	7.59E-03
164	1.03725	3.9894E-05	4.138E-05	1.05E-03	4.33E-08	1.35	1.57E-01	9.18E-09	1,000,000	9.18E-03
165	0.97276	3.9894E-05	3.8807E-05	1.05E-03	4.06E-08	1.35	1.57E-01	8.60E-09	1,000,000	8.60E-03
166	0.91708	3.9894E-05	3.6586E-05	1.05E-03	3.82E-08	1.35	1.57E-01	8.11E-09	1,000,000	8.11E-03
167	0.86532	3.9894E-05	3.4521E-05	1.05E-03	3.61E-08	1.35	1.57E-01	7.65E-09	1,000,000	7.65E-03
168	1.04448	3.9894E-05	4.1669E-05	1.05E-03	4.36E-08	1.35	1.57E-01	9.24E-09	1,000,000	9.24E-03
169	0.97902	3.9894E-05	3.9057E-05	1.05E-03	4.08E-08	1.35	1.57E-01	8.66E-09	1,000,000	8.66E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.6855E-05	1.05E-03	3.85E-08	1.35	1.57E-01	8.17E-09	1,000,000	8.17E-03
171	0.8702	3.9894E-05	3.4716E-05	1.05E-03	3.63E-08	1.35	1.57E-01	7.70E-09	1,000,000	7.70E-03
172	1.05104	3.9894E-05	4.193E-05	1.05E-03	4.38E-08	1.35	1.57E-01	9.30E-09	1,000,000	9.30E-03
173	0.98461	3.9894E-05	3.928E-05	1.05E-03	4.11E-08	1.35	1.57E-01	8.71E-09	1,000,000	8.71E-03
174	0.92871	3.9894E-05	3.705E-05	1.05E-03	3.87E-08	1.35	1.57E-01	8.22E-09	1,000,000	8.22E-03
175	0.87449	3.9894E-05	3.4887E-05	1.05E-03	3.65E-08	1.35	1.57E-01	7.74E-09	1,000,000	7.74E-03
176	1.0565	3.9894E-05	4.2148E-05	1.05E-03	4.41E-08	1.35	1.57E-01	9.35E-09	1,000,000	9.35E-03
177	0.98911	3.9894E-05	3.946E-05	1.05E-03	4.12E-08	1.35	1.57E-01	8.75E-09	1,000,000	8.75E-03
178	0.93256	3.9894E-05	3.7204E-05	1.05E-03	3.89E-08	1.35	1.57E-01	8.25E-09	1,000,000	8.25E-03
179	0.87763	3.9894E-05	3.5012E-05	1.05E-03	3.66E-08	1.35	1.57E-01	7.76E-09	1,000,000	7.76E-03
180	1.06032	3.9894E-05	4.2301E-05	1.05E-03	4.42E-08	1.35	1.57E-01	9.38E-09	1,000,000	9.38E-03
181	0.99463	3.9894E-05	3.968E-05	1.05E-03	4.15E-08	1.35	1.57E-01	8.80E-09	1,000,000	8.80E-03
182	0.93488	3.9894E-05	3.7296E-05	1.05E-03	3.90E-08	1.35	1.57E-01	8.27E-09	1,000,000	8.27E-03
183	0.87915	3.9894E-05	3.5073E-05	1.05E-03	3.67E-08	1.35	1.57E-01	7.78E-09	1,000,000	7.78E-03
184	1.11209	3.9894E-05	4.4366E-05	1.05E-03	4.64E-08	1.35	1.57E-01	9.84E-09	1,000,000	9.84E-03
185	1.23279	3.9894E-05	4.9181E-05	1.05E-03	5.14E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
186	1.14575	3.9894E-05	4.5709E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
187	1.06825	3.9894E-05	4.2617E-05	1.05E-03	4.45E-08	1.35	1.57E-01	9.45E-09	1,000,000	9.45E-03
188	1.00168	3.9894E-05	3.9961E-05	1.05E-03	4.18E-08	1.35	1.57E-01	8.86E-09	1,000,000	8.86E-03
189	1.33491	3.9894E-05	5.3255E-05	1.05E-03	5.57E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
190	1.23543	3.9894E-05	4.9286E-05	1.05E-03	5.15E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
191	1.14742	3.9894E-05	4.5775E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
192	1.06916	3.9894E-05	4.2653E-05	1.05E-03	4.46E-08	1.35	1.57E-01	9.46E-09	1,000,000	9.46E-03
193	1.00324	3.9894E-05	4.0023E-05	1.05E-03	4.18E-08	1.35	1.57E-01	8.87E-09	1,000,000	8.87E-03
194	1.33602	3.9894E-05	5.3299E-05	1.05E-03	5.57E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
195	1.23566	3.9894E-05	4.9296E-05	1.05E-03	5.15E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
196	1.14818	3.9894E-05	4.5806E-05	1.05E-03	4.79E-08	1.35	1.57E-01	1.02E-08	1,000,000	1.02E-02
197	1.07201	3.9894E-05	4.2767E-05	1.05E-03	4.47E-08	1.35	1.57E-01	9.48E-09	1,000,000	9.48E-03
198	1.00159	3.9894E-05	3.9958E-05	1.05E-03	4.18E-08	1.35	1.57E-01	8.86E-09	1,000,000	8.86E-03
199	1.33487	3.9894E-05	5.3253E-05	1.05E-03	5.57E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
200	1.23419	3.9894E-05	4.9237E-05	1.05E-03	5.15E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
201	1.14745	3.9894E-05	4.5776E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.02E-08	1,000,000	1.02E-02
202	1.06968	3.9894E-05	4.2674E-05	1.05E-03	4.46E-08	1.35	1.57E-01	9.46E-09	1,000,000	9.46E-03
203	0.99932	3.9894E-05	3.9867E-05	1.05E-03	4.17E-08	1.35	1.57E-01	8.84E-09	1,000,000	8.84E-03
204	1.90778	3.9894E-05	7.6109E-05	1.05E-03	7.95E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.3153E-05	1.05E-03	5.56E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
206	1.23175	3.9894E-05	4.914E-05	1.05E-03	5.14E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
207	1.14587	3.9894E-05	4.5713E-05	1.05E-03	4.78E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
208	1.06716	3.9894E-05	4.2573E-05	1.05E-03	4.45E-08	1.35	1.57E-01	9.44E-09	1,000,000	9.44E-03
209	1.90237	3.9894E-05	7.5893E-05	1.05E-03	7.93E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
210	1.72821	3.9894E-05	6.8945E-05	1.05E-03	7.21E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
211	1.57477	3.9894E-05	6.2824E-05	1.05E-03	6.57E-08	1.35	1.57E-01	1.39E-08	1,000,000	1.39E-02
212	1.44287	3.9894E-05	5.7562E-05	1.05E-03	6.02E-08	1.35	1.57E-01	1.28E-08	1,000,000	1.28E-02
213	1.32836	3.9894E-05	5.2994E-05	1.05E-03	5.54E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
214	1.23005	3.9894E-05	4.9072E-05	1.05E-03	5.13E-08	1.35	1.57E-01	1.09E-08	1,000,000	1.09E-02
215	1.14268	3.9894E-05	4.5586E-05	1.05E-03	4.76E-08	1.35	1.57E-01	1.01E-08	1,000,000	1.01E-02
216	2.32615	3.9894E-05	9.28E-05	1.05E-03	9.70E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
217	2.07671	3.9894E-05	8.2848E-05	1.05E-03	8.66E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
218	1.87481	3.9894E-05	7.4794E-05	1.05E-03	7.82E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
219	1.69992	3.9894E-05	6.7817E-05	1.05E-03	7.09E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
220	1.55279	3.9894E-05	6.1947E-05	1.05E-03	6.47E-08	1.35	1.57E-01	1.37E-08	1,000,000	1.37E-02
221	1.42532	3.9894E-05	5.6862E-05	1.05E-03	5.94E-08	1.35	1.57E-01	1.26E-08	1,000,000	1.26E-02
222	2.27832	3.9894E-05	9.0892E-05	1.05E-03	9.50E-08	1.35	1.57E-01	2.02E-08	1,000,000	2.02E-02
223	2.0427	3.9894E-05	8.1492E-05	1.05E-03	8.52E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
224	1.84222	3.9894E-05	7.3494E-05	1.05E-03	7.68E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
225	1.67282	3.9894E-05	6.6736E-05	1.05E-03	6.98E-08	1.35	1.57E-01	1.48E-08	1,000,000	1.48E-02
226	1.52948	3.9894E-05	6.1017E-05	1.05E-03	6.38E-08	1.35	1.57E-01	1.35E-08	1,000,000	1.35E-02
227	2.21405	3.9894E-05	8.8328E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
228	1.98816	3.9894E-05	7.9316E-05	1.05E-03	8.29E-08	1.35	1.57E-01	1.76E-08	1,000,000	1.76E-02
229	1.79884	3.9894E-05	7.1763E-05	1.05E-03	7.50E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
230	1.63757	3.9894E-05	6.5329E-05	1.05E-03	6.83E-08	1.35	1.57E-01	1.45E-08	1,000,000	1.45E-02
231	2.12419	3.9894E-05	8.4743E-05	1.05E-03	8.86E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.6567E-05	1.05E-03	8.00E-08	1.35	1.57E-01	1.70E-08	1,000,000	1.70E-02
233	1.74372	3.9894E-05	6.9564E-05	1.05E-03	7.27E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
234	1.59196	3.9894E-05	6.351E-05	1.05E-03	6.64E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02
235	2.01453	3.9894E-05	8.0368E-05	1.05E-03	8.40E-08	1.35	1.57E-01	1.78E-08	1,000,000	1.78E-02
236	1.83473	3.9894E-05	7.3195E-05	1.05E-03	7.65E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
237	1.67645	3.9894E-05	6.688E-05	1.05E-03	6.99E-08	1.35	1.57E-01	1.48E-08	1,000,000	1.48E-02
238	1.53826	3.9894E-05	6.1367E-05	1.05E-03	6.41E-08	1.35	1.57E-01	1.36E-08	1,000,000	1.36E-02
239	1.88894	3.9894E-05	7.5358E-05	1.05E-03	7.88E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
240	1.73541	3.9894E-05	6.9233E-05	1.05E-03	7.24E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
241	1.59756	3.9894E-05	6.3733E-05	1.05E-03	6.66E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02
242	1.47542	3.9894E-05	5.8861E-05	1.05E-03	6.15E-08	1.35	1.57E-01	1.31E-08	1,000,000	1.31E-02
243	4.09962	3.9894E-05	0.00016355	1.05E-03	1.71E-07	1.35	1.57E-01	3.63E-08	1,000,000	3.63E-02
244	3.57675	3.9894E-05	0.00014269	1.05E-03	1.49E-07	1.35	1.57E-01	3.16E-08	1,000,000	3.16E-02
245	3.15435	3.9894E-05	0.00012584	1.05E-03	1.32E-07	1.35	1.57E-01	2.79E-08	1,000,000	2.79E-02
246	2.81165	3.9894E-05	0.00011217	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
247	2.52903	3.9894E-05	0.00010089	1.05E-03	1.05E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
248	2.29647	3.9894E-05	9.1616E-05	1.05E-03	9.58E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
249	2.09776	3.9894E-05	8.3688E-05	1.05E-03	8.75E-08	1.35	1.57E-01	1.86E-08	1,000,000	1.86E-02
250	3.57989	3.9894E-05	0.00014282	1.05E-03	1.49E-07	1.35	1.57E-01	3.17E-08	1,000,000	3.17E-02
251	3.16439	3.9894E-05	0.00012624	1.05E-03	1.32E-07	1.35	1.57E-01	2.80E-08	1,000,000	2.80E-02
252	2.8195	3.9894E-05	0.00011248	1.05E-03	1.18E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
253	2.53269	3.9894E-05	0.00010104	1.05E-03	1.06E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
254	2.29199	3.9894E-05	9.1437E-05	1.05E-03	9.56E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
255	2.09293	3.9894E-05	8.3496E-05	1.05E-03	8.73E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
256	1.92008	3.9894E-05	7.66E-05	1.05E-03	8.01E-08	1.35	1.57E-01	1.70E-08	1,000,000	1.70E-02
257	3.15893	3.9894E-05	0.00012602	1.05E-03	1.32E-07	1.35	1.57E-01	2.79E-08	1,000,000	2.79E-02
258	2.82218	3.9894E-05	0.00011259	1.05E-03	1.18E-07	1.35	1.57E-01	2.50E-08	1,000,000	2.50E-02
259	2.53671	3.9894E-05	0.0001012	1.05E-03	1.06E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
260	2.29422	3.9894E-05	9.1526E-05	1.05E-03	9.57E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
261	2.08655	3.9894E-05	8.3241E-05	1.05E-03	8.70E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
262	1.91365	3.9894E-05	7.6343E-05	1.05E-03	7.98E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
263	1.7593	3.9894E-05	7.0186E-05	1.05E-03	7.34E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
264	2.8164	3.9894E-05	0.00011236	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
265	2.53725	3.9894E-05	0.00010122	1.05E-03	1.06E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
266	2.29719	3.9894E-05	9.1644E-05	1.05E-03	9.58E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.3417E-05	1.05E-03	8.72E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
268	1.91349	3.9894E-05	7.6337E-05	1.05E-03	7.98E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
269	1.75882	3.9894E-05	7.0167E-05	1.05E-03	7.33E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
270	1.61718	3.9894E-05	6.4516E-05	1.05E-03	6.74E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
271	2.53081	3.9894E-05	0.00010096	1.05E-03	1.06E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
272	2.29724	3.9894E-05	9.1646E-05	1.05E-03	9.58E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
273	2.0934	3.9894E-05	8.3514E-05	1.05E-03	8.73E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
274	1.91581	3.9894E-05	7.643E-05	1.05E-03	7.99E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
275	1.76089	3.9894E-05	7.0249E-05	1.05E-03	7.34E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
276	1.6259	3.9894E-05	6.4864E-05	1.05E-03	6.78E-08	1.35	1.57E-01	1.44E-08	1,000,000	1.44E-02
277	1.49313	3.9894E-05	5.9567E-05	1.05E-03	6.23E-08	1.35	1.57E-01	1.32E-08	1,000,000	1.32E-02
278	24.57743	3.9894E-05	0.00098049	1.05E-03	1.02E-06	1.35	1.57E-01	2.17E-07	1,000,000	2.17E-01
279	22.82192	3.9894E-05	0.00091046	1.05E-03	9.52E-07	1.35	1.57E-01	2.02E-07	1,000,000	2.02E-01
280	20.07431	3.9894E-05	0.00080085	1.05E-03	8.37E-07	1.35	1.57E-01	1.78E-07	1,000,000	1.78E-01
281	17.75203	3.9894E-05	0.0007082	1.05E-03	7.40E-07	1.35	1.57E-01	1.57E-07	1,000,000	1.57E-01
282	19.82462	3.9894E-05	0.00079089	1.05E-03	8.27E-07	1.35	1.57E-01	1.75E-07	1,000,000	1.75E-01
283	16.32627	3.9894E-05	0.00065132	1.05E-03	6.81E-07	1.35	1.57E-01	1.44E-07	1,000,000	1.44E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School Receptors										
26	1.5094	3.9894E-05	6.0216E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	1.50913	3.9894E-05	6.0205E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	1.507	3.9894E-05	6.012E-05	1.05E-03	6.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	1.50302	3.9894E-05	5.9962E-05	1.05E-03	6.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	1.49718	3.9894E-05	5.9729E-05	1.05E-03	6.24E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	1.48952	3.9894E-05	5.9423E-05	1.05E-03	6.21E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	1.48005	3.9894E-05	5.9045E-05	1.05E-03	6.17E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	1.46883	3.9894E-05	5.8598E-05	1.05E-03	6.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	1.45589	3.9894E-05	5.8081E-05	1.05E-03	6.07E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	1.44109	3.9894E-05	5.7491E-05	1.05E-03	6.01E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	1.4246	3.9894E-05	5.6833E-05	1.05E-03	5.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	1.56681	3.9894E-05	6.2506E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	1.56553	3.9894E-05	6.2455E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	1.56225	3.9894E-05	6.2325E-05	1.05E-03	6.51E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	1.55697	3.9894E-05	6.2114E-05	1.05E-03	6.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	1.54972	3.9894E-05	6.1825E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	1.54051	3.9894E-05	6.1457E-05	1.05E-03	6.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	1.52939	3.9894E-05	6.1014E-05	1.05E-03	6.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	1.51641	3.9894E-05	6.0496E-05	1.05E-03	6.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	1.50165	3.9894E-05	5.9907E-05	1.05E-03	6.26E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	1.48495	3.9894E-05	5.9241E-05	1.05E-03	6.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	1.4665	3.9894E-05	5.8505E-05	1.05E-03	6.11E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	1.62726	3.9894E-05	6.4918E-05	1.05E-03	6.79E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	1.62481	3.9894E-05	6.482E-05	1.05E-03	6.78E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	1.6202	3.9894E-05	6.4636E-05	1.05E-03	6.76E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	1.61345	3.9894E-05	6.4367E-05	1.05E-03	6.73E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	1.60459	3.9894E-05	6.4014E-05	1.05E-03	6.69E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	1.59365	3.9894E-05	6.3577E-05	1.05E-03	6.65E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	1.5807	3.9894E-05	6.3061E-05	1.05E-03	6.59E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	1.56579	3.9894E-05	6.2466E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	1.54901	3.9894E-05	6.1796E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	1.53024	3.9894E-05	6.1048E-05	1.05E-03	6.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
58	1.50966	3.9894E-05	6.0227E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	1.69091	3.9894E-05	6.7457E-05	1.05E-03	7.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.7306E-05	1.05E-03	7.03E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	1.681	3.9894E-05	6.7062E-05	1.05E-03	7.01E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	1.67258	3.9894E-05	6.6726E-05	1.05E-03	6.97E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	1.66191	3.9894E-05	6.63E-05	1.05E-03	6.93E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	1.64904	3.9894E-05	6.5787E-05	1.05E-03	6.88E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	1.63405	3.9894E-05	6.5189E-05	1.05E-03	6.81E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	1.61701	3.9894E-05	6.4509E-05	1.05E-03	6.74E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	1.59803	3.9894E-05	6.3752E-05	1.05E-03	6.66E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	1.57698	3.9894E-05	6.2912E-05	1.05E-03	6.58E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	1.55408	3.9894E-05	6.1999E-05	1.05E-03	6.48E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	1.75796	3.9894E-05	7.0132E-05	1.05E-03	7.33E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	1.75262	3.9894E-05	6.9919E-05	1.05E-03	7.31E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	1.74478	3.9894E-05	6.9606E-05	1.05E-03	7.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	1.73448	3.9894E-05	6.9196E-05	1.05E-03	7.23E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	1.72179	3.9894E-05	6.8689E-05	1.05E-03	7.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	1.70677	3.9894E-05	6.809E-05	1.05E-03	7.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	1.68951	3.9894E-05	6.7401E-05	1.05E-03	7.04E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	1.67012	3.9894E-05	6.6628E-05	1.05E-03	6.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	1.64872	3.9894E-05	6.5774E-05	1.05E-03	6.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	1.62519	3.9894E-05	6.4835E-05	1.05E-03	6.78E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	1.59978	3.9894E-05	6.3822E-05	1.05E-03	6.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	1.82862	3.9894E-05	7.2951E-05	1.05E-03	7.62E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	1.8215	3.9894E-05	7.2667E-05	1.05E-03	7.60E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	1.8117	3.9894E-05	7.2276E-05	1.05E-03	7.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	1.79928	3.9894E-05	7.1781E-05	1.05E-03	7.50E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	1.78432	3.9894E-05	7.1184E-05	1.05E-03	7.44E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	1.76691	3.9894E-05	7.0489E-05	1.05E-03	7.37E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	1.74715	3.9894E-05	6.9701E-05	1.05E-03	7.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	1.72517	3.9894E-05	6.8824E-05	1.05E-03	7.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	1.70112	3.9894E-05	6.7865E-05	1.05E-03	7.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	1.6749	3.9894E-05	6.6819E-05	1.05E-03	6.98E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
91	1.64675	3.9894E-05	6.5696E-05	1.05E-03	6.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	1.90309	3.9894E-05	7.5922E-05	1.05E-03	7.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	1.89394	3.9894E-05	7.5557E-05	1.05E-03	7.90E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	1.88193	3.9894E-05	7.5078E-05	1.05E-03	7.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.4487E-05	1.05E-03	7.79E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	1.84963	3.9894E-05	7.3789E-05	1.05E-03	7.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	1.82956	3.9894E-05	7.2989E-05	1.05E-03	7.63E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	1.80704	3.9894E-05	7.209E-05	1.05E-03	7.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	1.78222	3.9894E-05	7.11E-05	1.05E-03	7.43E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	1.75527	3.9894E-05	7.0025E-05	1.05E-03	7.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	1.7261	3.9894E-05	6.8861E-05	1.05E-03	7.20E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	1.695	3.9894E-05	6.762E-05	1.05E-03	7.07E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	1.92451	3.9894E-05	7.6777E-05	1.05E-03	8.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	1.9058	3.9894E-05	7.603E-05	1.05E-03	7.95E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	1.88809	3.9894E-05	7.5324E-05	1.05E-03	7.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	1.86184	3.9894E-05	7.4276E-05	1.05E-03	7.76E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	1.8413	3.9894E-05	7.3457E-05	1.05E-03	7.68E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	1.81118	3.9894E-05	7.2255E-05	1.05E-03	7.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	1.77882	3.9894E-05	7.0964E-05	1.05E-03	7.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	1.7445	3.9894E-05	6.9595E-05	1.05E-03	7.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	1.94061	3.9894E-05	7.7419E-05	1.05E-03	8.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	1.9568	3.9894E-05	7.8065E-05	1.05E-03	8.16E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
113	0.83138	3.9894E-05	3.3167E-05	1.05E-03	3.47E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
114	0.79692	3.9894E-05	3.1792E-05	1.05E-03	3.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
115	0.76351	3.9894E-05	3.046E-05	1.05E-03	3.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
116	0.73138	3.9894E-05	2.9178E-05	1.05E-03	3.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
117	0.85022	3.9894E-05	3.3919E-05	1.05E-03	3.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
118	0.81335	3.9894E-05	3.2448E-05	1.05E-03	3.39E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
119	0.77791	3.9894E-05	3.1034E-05	1.05E-03	3.24E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
120	0.74405	3.9894E-05	2.9683E-05	1.05E-03	3.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
121	0.8687	3.9894E-05	3.4656E-05	1.05E-03	3.62E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
122	0.82944	3.9894E-05	3.309E-05	1.05E-03	3.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
123	0.79197	3.9894E-05	3.1595E-05	1.05E-03	3.30E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
124	0.75641	3.9894E-05	3.0176E-05	1.05E-03	3.15E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
125	0.88676	3.9894E-05	3.5376E-05	1.05E-03	3.70E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
126	0.84512	3.9894E-05	3.3715E-05	1.05E-03	3.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	3.99E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.6E-02
2	1.90628	3.9894E-05	7.60E-05	6.05E-04	4.60E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
3	2.22279	3.9894E-05	8.87E-05	6.05E-04	5.37E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
4	2.63768	3.9894E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
5	3.20867	3.9894E-05	1.28E-04	6.05E-04	7.75E-08	14	4.71E-02	5.11E-08	1,000,000	5.11E-02
6	1.66119	3.9894E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
7	1.90327	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
8	2.21514	3.9894E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
9	2.6309	3.9894E-05	1.05E-04	6.05E-04	6.35E-08	14	4.71E-02	4.19E-08	1,000,000	4.19E-02
10	3.19692	3.9894E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
11	1.64254	3.9894E-05	6.55E-05	6.05E-04	3.96E-08	14	4.71E-02	2.62E-08	1,000,000	2.62E-02
12	1.87947	3.9894E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
13	2.18507	3.9894E-05	8.72E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
14	2.59441	3.9894E-05	1.04E-04	6.05E-04	6.26E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
15	3.1467	3.9894E-05	1.26E-04	6.05E-04	7.60E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
16	1.61586	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.57E-08	1,000,000	2.57E-02
17	1.8488	3.9894E-05	7.38E-05	6.05E-04	4.46E-08	14	4.71E-02	2.95E-08	1,000,000	2.95E-02
18	2.14651	3.9894E-05	8.56E-05	6.05E-04	5.18E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
19	2.53837	3.9894E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
20	3.09228	3.9894E-05	1.23E-04	6.05E-04	7.46E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
21	1.58904	3.9894E-05	6.34E-05	6.05E-04	3.84E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
22	1.81687	3.9894E-05	7.25E-05	6.05E-04	4.39E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
23	2.11086	3.9894E-05	8.42E-05	6.05E-04	5.10E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
24	2.50061	3.9894E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
25	3.03517	3.9894E-05	1.21E-04	6.05E-04	7.33E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02
127	0.80565	3.9894E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
128	0.76839	3.9894E-05	3.07E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
129	0.90431	3.9894E-05	3.61E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
130	0.86031	3.9894E-05	3.43E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
131	0.81884	3.9894E-05	3.27E-05	6.05E-04	1.98E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
132	0.77987	3.9894E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
133	0.92126	3.9894E-05	3.68E-05	6.05E-04	2.22E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
134	0.87489	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
136	0.79075	3.9894E-05	3.15E-05	6.05E-04	1.91E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
137	0.93745	3.9894E-05	3.74E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
138	0.84329	3.9894E-05	3.36E-05	6.05E-04	2.04E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
139	0.80092	3.9894E-05	3.20E-05	6.05E-04	1.93E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
140	0.98007	3.9894E-05	3.91E-05	6.05E-04	2.37E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
141	0.92464	3.9894E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
142	0.87359	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
143	0.82653	3.9894E-05	3.30E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
144	0.99197	3.9894E-05	3.96E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
145	0.93454	3.9894E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
146	0.88187	3.9894E-05	3.52E-05	6.05E-04	2.13E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
147	0.83349	3.9894E-05	3.33E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
148	1.00272	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
149	0.94348	3.9894E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
150	0.88936	3.9894E-05	3.55E-05	6.05E-04	2.15E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
151	0.83982	3.9894E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
152	1.01245	3.9894E-05	4.04E-05	6.05E-04	2.44E-08	14	4.71E-02	1.61E-08	1,000,000	1.61E-02
153	0.95161	3.9894E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
154	0.89622	3.9894E-05	3.58E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
155	0.84568	3.9894E-05	3.37E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
156	1.02132	3.9894E-05	4.07E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
157	0.95909	3.9894E-05	3.83E-05	6.05E-04	2.32E-08	14	4.71E-02	1.53E-08	1,000,000	1.53E-02
158	0.90261	3.9894E-05	3.60E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
159	0.85123	3.9894E-05	3.40E-05	6.05E-04	2.05E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
160	1.02953	3.9894E-05	4.11E-05	6.05E-04	2.49E-08	14	4.71E-02	1.64E-08	1,000,000	1.64E-02
161	0.9661	3.9894E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
162	0.90869	3.9894E-05	3.63E-05	6.05E-04	2.19E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
163	0.85765	3.9894E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
164	1.03725	3.9894E-05	4.14E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
165	0.97276	3.9894E-05	3.88E-05	6.05E-04	2.35E-08	14	4.71E-02	1.55E-08	1,000,000	1.55E-02
166	0.91708	3.9894E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
167	0.86532	3.9894E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
168	1.04448	3.9894E-05	4.17E-05	6.05E-04	2.52E-08	14	4.71E-02	1.66E-08	1,000,000	1.66E-02
169	0.97902	3.9894E-05	3.91E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
171	0.8702	3.9894E-05	3.47E-05	6.05E-04	2.10E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
172	1.05104	3.9894E-05	4.19E-05	6.05E-04	2.54E-08	14	4.71E-02	1.67E-08	1,000,000	1.67E-02
173	0.98461	3.9894E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
174	0.92871	3.9894E-05	3.71E-05	6.05E-04	2.24E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
175	0.87449	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
176	1.0565	3.9894E-05	4.21E-05	6.05E-04	2.55E-08	14	4.71E-02	1.68E-08	1,000,000	1.68E-02
177	0.98911	3.9894E-05	3.95E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
178	0.93256	3.9894E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
179	0.87763	3.9894E-05	3.50E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
180	1.06032	3.9894E-05	4.23E-05	6.05E-04	2.56E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
181	0.99463	3.9894E-05	3.97E-05	6.05E-04	2.40E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
182	0.93488	3.9894E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
183	0.87915	3.9894E-05	3.51E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
184	1.11209	3.9894E-05	4.44E-05	6.05E-04	2.68E-08	14	4.71E-02	1.77E-08	1,000,000	1.77E-02
185	1.23279	3.9894E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
186	1.14575	3.9894E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
187	1.06825	3.9894E-05	4.26E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
188	1.00168	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
189	1.33491	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
190	1.23543	3.9894E-05	4.93E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
191	1.14742	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
192	1.06916	3.9894E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
193	1.00324	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
194	1.33602	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
195	1.23566	3.9894E-05	4.93E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
196	1.14818	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
197	1.07201	3.9894E-05	4.28E-05	6.05E-04	2.59E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
198	1.00159	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
199	1.33487	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
200	1.23419	3.9894E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
201	1.14745	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
202	1.06968	3.9894E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
203	0.99932	3.9894E-05	3.99E-05	6.05E-04	2.41E-08	14	4.71E-02	1.59E-08	1,000,000	1.59E-02
204	1.90778	3.9894E-05	7.61E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.32E-05	6.05E-04	3.22E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
206	1.23175	3.9894E-05	4.91E-05	6.05E-04	2.97E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
207	1.14587	3.9894E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
208	1.06716	3.9894E-05	4.26E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
209	1.90237	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
210	1.72821	3.9894E-05	6.89E-05	6.05E-04	4.17E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
211	1.57477	3.9894E-05	6.28E-05	6.05E-04	3.80E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02
212	1.44287	3.9894E-05	5.76E-05	6.05E-04	3.48E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
213	1.32836	3.9894E-05	5.30E-05	6.05E-04	3.21E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
214	1.23005	3.9894E-05	4.91E-05	6.05E-04	2.97E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
215	1.14268	3.9894E-05	4.56E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
216	2.32615	3.9894E-05	9.28E-05	6.05E-04	5.62E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
217	2.07671	3.9894E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
218	1.87481	3.9894E-05	7.48E-05	6.05E-04	4.53E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
219	1.69992	3.9894E-05	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.71E-02
220	1.55279	3.9894E-05	6.19E-05	6.05E-04	3.75E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
221	1.42532	3.9894E-05	5.69E-05	6.05E-04	3.44E-08	14	4.71E-02	2.27E-08	1,000,000	2.27E-02
222	2.27832	3.9894E-05	9.09E-05	6.05E-04	5.50E-08	14	4.71E-02	3.63E-08	1,000,000	3.63E-02
223	2.0427	3.9894E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
224	1.84222	3.9894E-05	7.35E-05	6.05E-04	4.45E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
225	1.67282	3.9894E-05	6.67E-05	6.05E-04	4.04E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
226	1.52948	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
227	2.21405	3.9894E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
228	1.98816	3.9894E-05	7.93E-05	6.05E-04	4.80E-08	14	4.71E-02	3.17E-08	1,000,000	3.17E-02
229	1.79884	3.9894E-05	7.18E-05	6.05E-04	4.34E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
230	1.63757	3.9894E-05	6.53E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
231	2.12419	3.9894E-05	8.47E-05	6.05E-04	5.13E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
233	1.74372	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
234	1.59196	3.9894E-05	6.35E-05	6.05E-04	3.84E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02
235	2.01453	3.9894E-05	8.04E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
236	1.83473	3.9894E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
237	1.67645	3.9894E-05	6.69E-05	6.05E-04	4.05E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
238	1.53826	3.9894E-05	6.14E-05	6.05E-04	3.71E-08	14	4.71E-02	2.45E-08	1,000,000	2.45E-02
239	1.88894	3.9894E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
240	1.73541	3.9894E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
241	1.59756	3.9894E-05	6.37E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
242	1.47542	3.9894E-05	5.89E-05	6.05E-04	3.56E-08	14	4.71E-02	2.35E-08	1,000,000	2.35E-02
243	4.09962	3.9894E-05	1.64E-04	6.05E-04	9.90E-08	14	4.71E-02	6.53E-08	1,000,000	6.53E-02
244	3.57675	3.9894E-05	1.43E-04	6.05E-04	8.63E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
245	3.15435	3.9894E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.03E-08	1,000,000	5.03E-02
246	2.81165	3.9894E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
247	2.52903	3.9894E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
248	2.29647	3.9894E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
249	2.09776	3.9894E-05	8.37E-05	6.05E-04	5.06E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
250	3.57989	3.9894E-05	1.43E-04	6.05E-04	8.64E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
251	3.16439	3.9894E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
252	2.8195	3.9894E-05	1.12E-04	6.05E-04	6.81E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
253	2.53269	3.9894E-05	1.01E-04	6.05E-04	6.11E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
254	2.29199	3.9894E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
255	2.09293	3.9894E-05	8.35E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
256	1.92008	3.9894E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
257	3.15893	3.9894E-05	1.26E-04	6.05E-04	7.63E-08	14	4.71E-02	5.03E-08	1,000,000	5.03E-02
258	2.82218	3.9894E-05	1.13E-04	6.05E-04	6.81E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
259	2.53671	3.9894E-05	1.01E-04	6.05E-04	6.12E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
260	2.29422	3.9894E-05	9.15E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
261	2.08655	3.9894E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
262	1.91365	3.9894E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
263	1.7593	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
264	2.8164	3.9894E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
265	2.53725	3.9894E-05	1.01E-04	6.05E-04	6.12E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
266	2.29719	3.9894E-05	9.16E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.34E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
268	1.91349	3.9894E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
269	1.75882	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
270	1.61718	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
271	2.53081	3.9894E-05	1.01E-04	6.05E-04	6.11E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
272	2.29724	3.9894E-05	9.16E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
273	2.0934	3.9894E-05	8.35E-05	6.05E-04	5.05E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
274	1.91581	3.9894E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
275	1.76089	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
276	1.6259	3.9894E-05	6.49E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
277	1.49313	3.9894E-05	5.96E-05	6.05E-04	3.60E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
278	24.57743	3.9894E-05	9.80E-04	6.05E-04	5.93E-07	14	4.71E-02	3.92E-07	1,000,000	3.92E-01
279	22.82192	3.9894E-05	9.10E-04	6.05E-04	5.51E-07	14	4.71E-02	3.64E-07	1,000,000	3.64E-01
280	20.07431	3.9894E-05	8.01E-04	6.05E-04	4.85E-07	14	4.71E-02	3.20E-07	1,000,000	3.20E-01
281	17.75203	3.9894E-05	7.08E-04	6.05E-04	4.29E-07	14	4.71E-02	2.83E-07	1,000,000	2.83E-01
282	19.82462	3.9894E-05	7.91E-04	6.05E-04	4.79E-07	14	4.71E-02	3.16E-07	1,000,000	3.16E-01
283	16.32627	3.9894E-05	6.51E-04	6.05E-04	3.94E-07	14	4.71E-02	2.60E-07	1,000,000	2.60E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Receptors				
26	1.5094	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
27	1.50913	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
28	1.507	3.9894E-05	6.01E-05	6.05E-04	3.64E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
29	1.50302	3.9894E-05	6.00E-05	6.05E-04	3.63E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
30	1.49718	3.9894E-05	5.97E-05	6.05E-04	3.61E-08	9	4.71E-02	1.55E-08	1,000,000	1.55E-02
31	1.48952	3.9894E-05	5.94E-05	6.05E-04	3.60E-08	9	4.71E-02	1.54E-08	1,000,000	1.54E-02
32	1.48005	3.9894E-05	5.90E-05	6.05E-04	3.57E-08	9	4.71E-02	1.53E-08	1,000,000	1.53E-02
33	1.46883	3.9894E-05	5.86E-05	6.05E-04	3.55E-08	9	4.71E-02	1.52E-08	1,000,000	1.52E-02
34	1.45589	3.9894E-05	5.81E-05	6.05E-04	3.51E-08	9	4.71E-02	1.51E-08	1,000,000	1.51E-02
35	1.44109	3.9894E-05	5.75E-05	6.05E-04	3.48E-08	9	4.71E-02	1.49E-08	1,000,000	1.49E-02
36	1.4246	3.9894E-05	5.68E-05	6.05E-04	3.44E-08	9	4.71E-02	1.48E-08	1,000,000	1.48E-02
37	1.56681	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	9	4.71E-02	1.62E-08	1,000,000	1.62E-02
38	1.56553	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	9	4.71E-02	1.62E-08	1,000,000	1.62E-02
39	1.56225	3.9894E-05	6.23E-05	6.05E-04	3.77E-08	9	4.71E-02	1.62E-08	1,000,000	1.62E-02
40	1.55697	3.9894E-05	6.21E-05	6.05E-04	3.76E-08	9	4.71E-02	1.61E-08	1,000,000	1.61E-02
41	1.54972	3.9894E-05	6.18E-05	6.05E-04	3.74E-08	9	4.71E-02	1.60E-08	1,000,000	1.60E-02
42	1.54051	3.9894E-05	6.15E-05	6.05E-04	3.72E-08	9	4.71E-02	1.60E-08	1,000,000	1.60E-02
43	1.52939	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	9	4.71E-02	1.58E-08	1,000,000	1.58E-02
44	1.51641	3.9894E-05	6.05E-05	6.05E-04	3.66E-08	9	4.71E-02	1.57E-08	1,000,000	1.57E-02
45	1.50165	3.9894E-05	5.99E-05	6.05E-04	3.62E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
46	1.48495	3.9894E-05	5.92E-05	6.05E-04	3.58E-08	9	4.71E-02	1.54E-08	1,000,000	1.54E-02
47	1.4665	3.9894E-05	5.85E-05	6.05E-04	3.54E-08	9	4.71E-02	1.52E-08	1,000,000	1.52E-02
48	1.62726	3.9894E-05	6.49E-05	6.05E-04	3.93E-08	9	4.71E-02	1.69E-08	1,000,000	1.69E-02
49	1.62481	3.9894E-05	6.48E-05	6.05E-04	3.92E-08	9	4.71E-02	1.68E-08	1,000,000	1.68E-02
50	1.6202	3.9894E-05	6.46E-05	6.05E-04	3.91E-08	9	4.71E-02	1.68E-08	1,000,000	1.68E-02
51	1.61345	3.9894E-05	6.44E-05	6.05E-04	3.89E-08	9	4.71E-02	1.67E-08	1,000,000	1.67E-02
52	1.60459	3.9894E-05	6.40E-05	6.05E-04	3.87E-08	9	4.71E-02	1.66E-08	1,000,000	1.66E-02
53	1.59365	3.9894E-05	6.36E-05	6.05E-04	3.85E-08	9	4.71E-02	1.65E-08	1,000,000	1.65E-02
54	1.5807	3.9894E-05	6.31E-05	6.05E-04	3.82E-08	9	4.71E-02	1.64E-08	1,000,000	1.64E-02
55	1.56579	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	9	4.71E-02	1.62E-08	1,000,000	1.62E-02
56	1.54901	3.9894E-05	6.18E-05	6.05E-04	3.74E-08	9	4.71E-02	1.60E-08	1,000,000	1.60E-02
57	1.53024	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	9	4.71E-02	1.58E-08	1,000,000	1.58E-02
58	1.50966	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	9	4.71E-02	1.56E-08	1,000,000	1.56E-02
59	1.69091	3.9894E-05	6.75E-05	6.05E-04	4.08E-08	9	4.71E-02	1.75E-08	1,000,000	1.75E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.73E-05	6.05E-04	4.07E-08	9	4.71E-02	1.75E-08	1,000,000	1.75E-02
61	1.681	3.9894E-05	6.71E-05	6.05E-04	4.06E-08	9	4.71E-02	1.74E-08	1,000,000	1.74E-02
62	1.67258	3.9894E-05	6.67E-05	6.05E-04	4.04E-08	9	4.71E-02	1.73E-08	1,000,000	1.73E-02
63	1.66191	3.9894E-05	6.63E-05	6.05E-04	4.01E-08	9	4.71E-02	1.72E-08	1,000,000	1.72E-02
64	1.64904	3.9894E-05	6.58E-05	6.05E-04	3.98E-08	9	4.71E-02	1.71E-08	1,000,000	1.71E-02
65	1.63405	3.9894E-05	6.52E-05	6.05E-04	3.94E-08	9	4.71E-02	1.69E-08	1,000,000	1.69E-02
66	1.61701	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	9	4.71E-02	1.67E-08	1,000,000	1.67E-02
67	1.59803	3.9894E-05	6.38E-05	6.05E-04	3.86E-08	9	4.71E-02	1.65E-08	1,000,000	1.65E-02
68	1.57698	3.9894E-05	6.29E-05	6.05E-04	3.81E-08	9	4.71E-02	1.63E-08	1,000,000	1.63E-02
69	1.55408	3.9894E-05	6.20E-05	6.05E-04	3.75E-08	9	4.71E-02	1.61E-08	1,000,000	1.61E-02
70	1.75796	3.9894E-05	7.01E-05	6.05E-04	4.24E-08	9	4.71E-02	1.82E-08	1,000,000	1.82E-02
71	1.75262	3.9894E-05	6.99E-05	6.05E-04	4.23E-08	9	4.71E-02	1.81E-08	1,000,000	1.81E-02
72	1.74478	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	9	4.71E-02	1.81E-08	1,000,000	1.81E-02
73	1.73448	3.9894E-05	6.92E-05	6.05E-04	4.19E-08	9	4.71E-02	1.80E-08	1,000,000	1.80E-02
74	1.72179	3.9894E-05	6.87E-05	6.05E-04	4.16E-08	9	4.71E-02	1.78E-08	1,000,000	1.78E-02
75	1.70677	3.9894E-05	6.81E-05	6.05E-04	4.12E-08	9	4.71E-02	1.77E-08	1,000,000	1.77E-02
76	1.68951	3.9894E-05	6.74E-05	6.05E-04	4.08E-08	9	4.71E-02	1.75E-08	1,000,000	1.75E-02
77	1.67012	3.9894E-05	6.66E-05	6.05E-04	4.03E-08	9	4.71E-02	1.73E-08	1,000,000	1.73E-02
78	1.64872	3.9894E-05	6.58E-05	6.05E-04	3.98E-08	9	4.71E-02	1.71E-08	1,000,000	1.71E-02
79	1.62519	3.9894E-05	6.48E-05	6.05E-04	3.92E-08	9	4.71E-02	1.68E-08	1,000,000	1.68E-02
80	1.59978	3.9894E-05	6.38E-05	6.05E-04	3.86E-08	9	4.71E-02	1.66E-08	1,000,000	1.66E-02
81	1.82862	3.9894E-05	7.30E-05	6.05E-04	4.41E-08	9	4.71E-02	1.89E-08	1,000,000	1.89E-02
82	1.8215	3.9894E-05	7.27E-05	6.05E-04	4.40E-08	9	4.71E-02	1.89E-08	1,000,000	1.89E-02
83	1.8117	3.9894E-05	7.23E-05	6.05E-04	4.37E-08	9	4.71E-02	1.88E-08	1,000,000	1.88E-02
84	1.79928	3.9894E-05	7.18E-05	6.05E-04	4.34E-08	9	4.71E-02	1.86E-08	1,000,000	1.86E-02
85	1.78432	3.9894E-05	7.12E-05	6.05E-04	4.31E-08	9	4.71E-02	1.85E-08	1,000,000	1.85E-02
86	1.76691	3.9894E-05	7.05E-05	6.05E-04	4.27E-08	9	4.71E-02	1.83E-08	1,000,000	1.83E-02
87	1.74715	3.9894E-05	6.97E-05	6.05E-04	4.22E-08	9	4.71E-02	1.81E-08	1,000,000	1.81E-02
88	1.72517	3.9894E-05	6.88E-05	6.05E-04	4.16E-08	9	4.71E-02	1.79E-08	1,000,000	1.79E-02
89	1.70112	3.9894E-05	6.79E-05	6.05E-04	4.11E-08	9	4.71E-02	1.76E-08	1,000,000	1.76E-02
90	1.6749	3.9894E-05	6.68E-05	6.05E-04	4.04E-08	9	4.71E-02	1.73E-08	1,000,000	1.73E-02
91	1.64675	3.9894E-05	6.57E-05	6.05E-04	3.98E-08	9	4.71E-02	1.71E-08	1,000,000	1.71E-02
92	1.90309	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	9	4.71E-02	1.97E-08	1,000,000	1.97E-02
93	1.89394	3.9894E-05	7.56E-05	6.05E-04	4.57E-08	9	4.71E-02	1.96E-08	1,000,000	1.96E-02
94	1.88193	3.9894E-05	7.51E-05	6.05E-04	4.54E-08	9	4.71E-02	1.95E-08	1,000,000	1.95E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.45E-05	6.05E-04	4.51E-08	9	4.71E-02	1.93E-08	1,000,000	1.93E-02
96	1.84963	3.9894E-05	7.38E-05	6.05E-04	4.46E-08	9	4.71E-02	1.92E-08	1,000,000	1.92E-02
97	1.82956	3.9894E-05	7.30E-05	6.05E-04	4.42E-08	9	4.71E-02	1.89E-08	1,000,000	1.89E-02
98	1.80704	3.9894E-05	7.21E-05	6.05E-04	4.36E-08	9	4.71E-02	1.87E-08	1,000,000	1.87E-02
99	1.78222	3.9894E-05	7.11E-05	6.05E-04	4.30E-08	9	4.71E-02	1.85E-08	1,000,000	1.85E-02
100	1.75527	3.9894E-05	7.00E-05	6.05E-04	4.24E-08	9	4.71E-02	1.82E-08	1,000,000	1.82E-02
101	1.7261	3.9894E-05	6.89E-05	6.05E-04	4.17E-08	9	4.71E-02	1.79E-08	1,000,000	1.79E-02
102	1.695	3.9894E-05	6.76E-05	6.05E-04	4.09E-08	9	4.71E-02	1.76E-08	1,000,000	1.76E-02
103	1.92451	3.9894E-05	7.68E-05	6.05E-04	4.65E-08	9	4.71E-02	1.99E-08	1,000,000	1.99E-02
104	1.9058	3.9894E-05	7.60E-05	6.05E-04	4.60E-08	9	4.71E-02	1.97E-08	1,000,000	1.97E-02
105	1.88809	3.9894E-05	7.53E-05	6.05E-04	4.56E-08	9	4.71E-02	1.96E-08	1,000,000	1.96E-02
106	1.86184	3.9894E-05	7.43E-05	6.05E-04	4.49E-08	9	4.71E-02	1.93E-08	1,000,000	1.93E-02
107	1.8413	3.9894E-05	7.35E-05	6.05E-04	4.44E-08	9	4.71E-02	1.91E-08	1,000,000	1.91E-02
108	1.81118	3.9894E-05	7.23E-05	6.05E-04	4.37E-08	9	4.71E-02	1.88E-08	1,000,000	1.88E-02
109	1.77882	3.9894E-05	7.10E-05	6.05E-04	4.29E-08	9	4.71E-02	1.84E-08	1,000,000	1.84E-02
110	1.7445	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	9	4.71E-02	1.81E-08	1,000,000	1.81E-02
111	1.94061	3.9894E-05	7.74E-05	6.05E-04	4.68E-08	9	4.71E-02	2.01E-08	1,000,000	2.01E-02
112	1.9568	3.9894E-05	7.81E-05	6.05E-04	4.72E-08	9	4.71E-02	2.03E-08	1,000,000	2.03E-02
113	0.83138	3.9894E-05	3.32E-05	6.05E-04	2.01E-08	9	4.71E-02	8.61E-09	1,000,000	8.61E-03
114	0.79692	3.9894E-05	3.18E-05	6.05E-04	1.92E-08	9	4.71E-02	8.25E-09	1,000,000	8.25E-03
115	0.76351	3.9894E-05	3.05E-05	6.05E-04	1.84E-08	9	4.71E-02	7.91E-09	1,000,000	7.91E-03
116	0.73138	3.9894E-05	2.92E-05	6.05E-04	1.77E-08	9	4.71E-02	7.57E-09	1,000,000	7.57E-03
117	0.85022	3.9894E-05	3.39E-05	6.05E-04	2.05E-08	9	4.71E-02	8.80E-09	1,000,000	8.80E-03
118	0.81335	3.9894E-05	3.24E-05	6.05E-04	1.96E-08	9	4.71E-02	8.42E-09	1,000,000	8.42E-03
119	0.77791	3.9894E-05	3.10E-05	6.05E-04	1.88E-08	9	4.71E-02	8.06E-09	1,000,000	8.06E-03
120	0.74405	3.9894E-05	2.97E-05	6.05E-04	1.80E-08	9	4.71E-02	7.70E-09	1,000,000	7.70E-03
121	0.8687	3.9894E-05	3.47E-05	6.05E-04	2.10E-08	9	4.71E-02	9.00E-09	1,000,000	9.00E-03
122	0.82944	3.9894E-05	3.31E-05	6.05E-04	2.00E-08	9	4.71E-02	8.59E-09	1,000,000	8.59E-03
123	0.79197	3.9894E-05	3.16E-05	6.05E-04	1.91E-08	9	4.71E-02	8.20E-09	1,000,000	8.20E-03
124	0.75641	3.9894E-05	3.02E-05	6.05E-04	1.83E-08	9	4.71E-02	7.83E-09	1,000,000	7.83E-03
125	0.88676	3.9894E-05	3.54E-05	6.05E-04	2.14E-08	9	4.71E-02	9.18E-09	1,000,000	9.18E-03
126	0.84512	3.9894E-05	3.37E-05	6.05E-04	2.04E-08	9	4.71E-02	8.75E-09	1,000,000	8.75E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	3.99E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1000000.0	2.7E-03
2	1.90628	3.9894E-05	7.60E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
3	2.22279	3.9894E-05	8.87E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
4	2.63768	3.9894E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
5	3.20867	3.9894E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
6	1.66119	3.9894E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
7	1.90327	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
8	2.21514	3.9894E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
9	2.6309	3.9894E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
10	3.19692	3.9894E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
11	1.64254	3.9894E-05	6.55E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
12	1.87947	3.9894E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
13	2.18507	3.9894E-05	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
14	2.59441	3.9894E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
15	3.1467	3.9894E-05	1.26E-04	2.50E-04	3.14E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
16	1.61586	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
17	1.8488	3.9894E-05	7.38E-05	2.50E-04	1.85E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
18	2.14651	3.9894E-05	8.56E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
19	2.53837	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
20	3.09228	3.9894E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
21	1.58904	3.9894E-05	6.34E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
22	1.81687	3.9894E-05	7.25E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
23	2.11086	3.9894E-05	8.42E-05	2.50E-04	2.11E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
24	2.50061	3.9894E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
25	3.03517	3.9894E-05	1.21E-04	2.50E-04	3.03E-08	14	1.15E-02	4.87E-09	1,000,000	4.87E-03
127	0.80565	3.9894E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
128	0.76839	3.9894E-05	3.07E-05	2.50E-04	7.67E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
129	0.90431	3.9894E-05	3.61E-05	2.50E-04	9.03E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
130	0.86031	3.9894E-05	3.43E-05	2.50E-04	8.59E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
131	0.81884	3.9894E-05	3.27E-05	2.50E-04	8.18E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
132	0.77987	3.9894E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
133	0.92126	3.9894E-05	3.68E-05	2.50E-04	9.20E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
134	0.87489	3.9894E-05	3.49E-05	2.50E-04	8.74E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
136	0.79075	3.9894E-05	3.15E-05	2.50E-04	7.90E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
137	0.93745	3.9894E-05	3.74E-05	2.50E-04	9.36E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
138	0.84329	3.9894E-05	3.36E-05	2.50E-04	8.42E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
139	0.80092	3.9894E-05	3.20E-05	2.50E-04	8.00E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
140	0.98007	3.9894E-05	3.91E-05	2.50E-04	9.79E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
141	0.92464	3.9894E-05	3.69E-05	2.50E-04	9.23E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
142	0.87359	3.9894E-05	3.49E-05	2.50E-04	8.72E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
143	0.82653	3.9894E-05	3.30E-05	2.50E-04	8.25E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
144	0.99197	3.9894E-05	3.96E-05	2.50E-04	9.90E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
145	0.93454	3.9894E-05	3.73E-05	2.50E-04	9.33E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
146	0.88187	3.9894E-05	3.52E-05	2.50E-04	8.80E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
147	0.83349	3.9894E-05	3.33E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
148	1.00272	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
149	0.94348	3.9894E-05	3.76E-05	2.50E-04	9.42E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
150	0.88936	3.9894E-05	3.55E-05	2.50E-04	8.88E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
151	0.83982	3.9894E-05	3.35E-05	2.50E-04	8.39E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
152	1.01245	3.9894E-05	4.04E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
153	0.95161	3.9894E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
154	0.89622	3.9894E-05	3.58E-05	2.50E-04	8.95E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
155	0.84568	3.9894E-05	3.37E-05	2.50E-04	8.44E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
156	1.02132	3.9894E-05	4.07E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
157	0.95909	3.9894E-05	3.83E-05	2.50E-04	9.58E-09	14	1.15E-02	1.54E-09	1,000,000	1.54E-03
158	0.90261	3.9894E-05	3.60E-05	2.50E-04	9.01E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
159	0.85123	3.9894E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
160	1.02953	3.9894E-05	4.11E-05	2.50E-04	1.03E-08	14	1.15E-02	1.65E-09	1,000,000	1.65E-03
161	0.9661	3.9894E-05	3.85E-05	2.50E-04	9.65E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
162	0.90869	3.9894E-05	3.63E-05	2.50E-04	9.07E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
163	0.85765	3.9894E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
164	1.03725	3.9894E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
165	0.97276	3.9894E-05	3.88E-05	2.50E-04	9.71E-09	14	1.15E-02	1.56E-09	1,000,000	1.56E-03
166	0.91708	3.9894E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
167	0.86532	3.9894E-05	3.45E-05	2.50E-04	8.64E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
168	1.04448	3.9894E-05	4.17E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
169	0.97902	3.9894E-05	3.91E-05	2.50E-04	9.77E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.69E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
171	0.8702	3.9894E-05	3.47E-05	2.50E-04	8.69E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
172	1.05104	3.9894E-05	4.19E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
173	0.98461	3.9894E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
174	0.92871	3.9894E-05	3.71E-05	2.50E-04	9.27E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
175	0.87449	3.9894E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
176	1.0565	3.9894E-05	4.21E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
177	0.98911	3.9894E-05	3.95E-05	2.50E-04	9.88E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
178	0.93256	3.9894E-05	3.72E-05	2.50E-04	9.31E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
179	0.87763	3.9894E-05	3.50E-05	2.50E-04	8.76E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
180	1.06032	3.9894E-05	4.23E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
181	0.99463	3.9894E-05	3.97E-05	2.50E-04	9.93E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
182	0.93488	3.9894E-05	3.73E-05	2.50E-04	9.33E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
183	0.87915	3.9894E-05	3.51E-05	2.50E-04	8.78E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
184	1.11209	3.9894E-05	4.44E-05	2.50E-04	1.11E-08	14	1.15E-02	1.78E-09	1,000,000	1.78E-03
185	1.23279	3.9894E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
186	1.14575	3.9894E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
187	1.06825	3.9894E-05	4.26E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
188	1.00168	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
189	1.33491	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
190	1.23543	3.9894E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
191	1.14742	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
192	1.06916	3.9894E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
193	1.00324	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
194	1.33602	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
195	1.23566	3.9894E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
196	1.14818	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
197	1.07201	3.9894E-05	4.28E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
198	1.00159	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
199	1.33487	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
200	1.23419	3.9894E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
201	1.14745	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
202	1.06968	3.9894E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
203	0.99932	3.9894E-05	3.99E-05	2.50E-04	9.98E-09	14	1.15E-02	1.60E-09	1,000,000	1.60E-03
204	1.90778	3.9894E-05	7.61E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.32E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
206	1.23175	3.9894E-05	4.91E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
207	1.14587	3.9894E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
208	1.06716	3.9894E-05	4.26E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
209	1.90237	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
210	1.72821	3.9894E-05	6.89E-05	2.50E-04	1.73E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
211	1.57477	3.9894E-05	6.28E-05	2.50E-04	1.57E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
212	1.44287	3.9894E-05	5.76E-05	2.50E-04	1.44E-08	14	1.15E-02	2.31E-09	1,000,000	2.31E-03
213	1.32836	3.9894E-05	5.30E-05	2.50E-04	1.33E-08	14	1.15E-02	2.13E-09	1,000,000	2.13E-03
214	1.23005	3.9894E-05	4.91E-05	2.50E-04	1.23E-08	14	1.15E-02	1.97E-09	1,000,000	1.97E-03
215	1.14268	3.9894E-05	4.56E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
216	2.32615	3.9894E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03
217	2.07671	3.9894E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
218	1.87481	3.9894E-05	7.48E-05	2.50E-04	1.87E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
219	1.69992	3.9894E-05	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.73E-09	1,000,000	2.73E-03
220	1.55279	3.9894E-05	6.19E-05	2.50E-04	1.55E-08	14	1.15E-02	2.49E-09	1,000,000	2.49E-03
221	1.42532	3.9894E-05	5.69E-05	2.50E-04	1.42E-08	14	1.15E-02	2.29E-09	1,000,000	2.29E-03
222	2.27832	3.9894E-05	9.09E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
223	2.0427	3.9894E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
224	1.84222	3.9894E-05	7.35E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
225	1.67282	3.9894E-05	6.67E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
226	1.52948	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
227	2.21405	3.9894E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
228	1.98816	3.9894E-05	7.93E-05	2.50E-04	1.99E-08	14	1.15E-02	3.19E-09	1,000,000	3.19E-03
229	1.79884	3.9894E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
230	1.63757	3.9894E-05	6.53E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
231	2.12419	3.9894E-05	8.47E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
233	1.74372	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
234	1.59196	3.9894E-05	6.35E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
235	2.01453	3.9894E-05	8.04E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
236	1.83473	3.9894E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
237	1.67645	3.9894E-05	6.69E-05	2.50E-04	1.67E-08	14	1.15E-02	2.69E-09	1,000,000	2.69E-03
238	1.53826	3.9894E-05	6.14E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
239	1.88894	3.9894E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
240	1.73541	3.9894E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
241	1.59756	3.9894E-05	6.37E-05	2.50E-04	1.60E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
242	1.47542	3.9894E-05	5.89E-05	2.50E-04	1.47E-08	14	1.15E-02	2.37E-09	1,000,000	2.37E-03
243	4.09962	3.9894E-05	1.64E-04	2.50E-04	4.09E-08	14	1.15E-02	6.57E-09	1,000,000	6.57E-03
244	3.57675	3.9894E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.74E-09	1,000,000	5.74E-03
245	3.15435	3.9894E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
246	2.81165	3.9894E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
247	2.52903	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
248	2.29647	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
249	2.09776	3.9894E-05	8.37E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
250	3.57989	3.9894E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.74E-09	1,000,000	5.74E-03
251	3.16439	3.9894E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
252	2.8195	3.9894E-05	1.12E-04	2.50E-04	2.82E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
253	2.53269	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
254	2.29199	3.9894E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
255	2.09293	3.9894E-05	8.35E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
256	1.92008	3.9894E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
257	3.15893	3.9894E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
258	2.82218	3.9894E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.53E-09	1,000,000	4.53E-03
259	2.53671	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
260	2.29422	3.9894E-05	9.15E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
261	2.08655	3.9894E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
262	1.91365	3.9894E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
263	1.7593	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
264	2.8164	3.9894E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
265	2.53725	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
266	2.29719	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.34E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
268	1.91349	3.9894E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
269	1.75882	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
270	1.61718	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
271	2.53081	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
272	2.29724	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
273	2.0934	3.9894E-05	8.35E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
274	1.91581	3.9894E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
275	1.76089	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
276	1.6259	3.9894E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
277	1.49313	3.9894E-05	5.96E-05	2.50E-04	1.49E-08	14	1.15E-02	2.39E-09	1,000,000	2.39E-03
278	24.57743	3.9894E-05	9.80E-04	2.50E-04	2.45E-07	14	1.15E-02	3.94E-08	1,000,000	3.94E-02
279	22.82192	3.9894E-05	9.10E-04	2.50E-04	2.28E-07	14	1.15E-02	3.66E-08	1,000,000	3.66E-02
280	20.07431	3.9894E-05	8.01E-04	2.50E-04	2.00E-07	14	1.15E-02	3.22E-08	1,000,000	3.22E-02
281	17.75203	3.9894E-05	7.08E-04	2.50E-04	1.77E-07	14	1.15E-02	2.85E-08	1,000,000	2.85E-02
282	19.82462	3.9894E-05	7.91E-04	2.50E-04	1.98E-07	14	1.15E-02	3.18E-08	1,000,000	3.18E-02
283	16.32627	3.9894E-05	6.51E-04	2.50E-04	1.63E-07	14	1.15E-02	2.62E-08	1,000,000	2.62E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	1.5094	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	29	1.15E-02	5.07E-09	1,000,000	5.07E-03
27	1.50913	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	29	1.15E-02	5.07E-09	1,000,000	5.07E-03
28	1.507	3.9894E-05	6.01E-05	2.50E-04	1.50E-08	29	1.15E-02	5.07E-09	1,000,000	5.07E-03
29	1.50302	3.9894E-05	6.00E-05	2.50E-04	1.50E-08	29	1.15E-02	5.05E-09	1,000,000	5.05E-03
30	1.49718	3.9894E-05	5.97E-05	2.50E-04	1.49E-08	29	1.15E-02	5.03E-09	1,000,000	5.03E-03
31	1.48952	3.9894E-05	5.94E-05	2.50E-04	1.49E-08	29	1.15E-02	5.01E-09	1,000,000	5.01E-03
32	1.48005	3.9894E-05	5.90E-05	2.50E-04	1.48E-08	29	1.15E-02	4.98E-09	1,000,000	4.98E-03
33	1.46883	3.9894E-05	5.86E-05	2.50E-04	1.47E-08	29	1.15E-02	4.94E-09	1,000,000	4.94E-03
34	1.45589	3.9894E-05	5.81E-05	2.50E-04	1.45E-08	29	1.15E-02	4.89E-09	1,000,000	4.89E-03
35	1.44109	3.9894E-05	5.75E-05	2.50E-04	1.44E-08	29	1.15E-02	4.84E-09	1,000,000	4.84E-03
36	1.4246	3.9894E-05	5.68E-05	2.50E-04	1.42E-08	29	1.15E-02	4.79E-09	1,000,000	4.79E-03
37	1.56681	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	29	1.15E-02	5.27E-09	1,000,000	5.27E-03
38	1.56553	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	29	1.15E-02	5.26E-09	1,000,000	5.26E-03
39	1.56225	3.9894E-05	6.23E-05	2.50E-04	1.56E-08	29	1.15E-02	5.25E-09	1,000,000	5.25E-03
40	1.55697	3.9894E-05	6.21E-05	2.50E-04	1.55E-08	29	1.15E-02	5.23E-09	1,000,000	5.23E-03
41	1.54972	3.9894E-05	6.18E-05	2.50E-04	1.55E-08	29	1.15E-02	5.21E-09	1,000,000	5.21E-03
42	1.54051	3.9894E-05	6.15E-05	2.50E-04	1.54E-08	29	1.15E-02	5.18E-09	1,000,000	5.18E-03
43	1.52939	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	29	1.15E-02	5.14E-09	1,000,000	5.14E-03
44	1.51641	3.9894E-05	6.05E-05	2.50E-04	1.51E-08	29	1.15E-02	5.10E-09	1,000,000	5.10E-03
45	1.50165	3.9894E-05	5.99E-05	2.50E-04	1.50E-08	29	1.15E-02	5.05E-09	1,000,000	5.05E-03
46	1.48495	3.9894E-05	5.92E-05	2.50E-04	1.48E-08	29	1.15E-02	4.99E-09	1,000,000	4.99E-03
47	1.4665	3.9894E-05	5.85E-05	2.50E-04	1.46E-08	29	1.15E-02	4.93E-09	1,000,000	4.93E-03
48	1.62726	3.9894E-05	6.49E-05	2.50E-04	1.62E-08	29	1.15E-02	5.47E-09	1,000,000	5.47E-03
49	1.62481	3.9894E-05	6.48E-05	2.50E-04	1.62E-08	29	1.15E-02	5.46E-09	1,000,000	5.46E-03
50	1.6202	3.9894E-05	6.46E-05	2.50E-04	1.62E-08	29	1.15E-02	5.45E-09	1,000,000	5.45E-03
51	1.61345	3.9894E-05	6.44E-05	2.50E-04	1.61E-08	29	1.15E-02	5.42E-09	1,000,000	5.42E-03
52	1.60459	3.9894E-05	6.40E-05	2.50E-04	1.60E-08	29	1.15E-02	5.39E-09	1,000,000	5.39E-03
53	1.59365	3.9894E-05	6.36E-05	2.50E-04	1.59E-08	29	1.15E-02	5.36E-09	1,000,000	5.36E-03
54	1.5807	3.9894E-05	6.31E-05	2.50E-04	1.58E-08	29	1.15E-02	5.31E-09	1,000,000	5.31E-03
55	1.56579	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	29	1.15E-02	5.26E-09	1,000,000	5.26E-03
56	1.54901	3.9894E-05	6.18E-05	2.50E-04	1.55E-08	29	1.15E-02	5.21E-09	1,000,000	5.21E-03
57	1.53024	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	29	1.15E-02	5.14E-09	1,000,000	5.14E-03
58	1.50966	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	29	1.15E-02	5.07E-09	1,000,000	5.07E-03
59	1.69091	3.9894E-05	6.75E-05	2.50E-04	1.69E-08	29	1.15E-02	5.68E-09	1,000,000	5.68E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.73E-05	2.50E-04	1.68E-08	29	1.15E-02	5.67E-09	1,000,000	5.67E-03
61	1.681	3.9894E-05	6.71E-05	2.50E-04	1.68E-08	29	1.15E-02	5.65E-09	1,000,000	5.65E-03
62	1.67258	3.9894E-05	6.67E-05	2.50E-04	1.67E-08	29	1.15E-02	5.62E-09	1,000,000	5.62E-03
63	1.66191	3.9894E-05	6.63E-05	2.50E-04	1.66E-08	29	1.15E-02	5.59E-09	1,000,000	5.59E-03
64	1.64904	3.9894E-05	6.58E-05	2.50E-04	1.65E-08	29	1.15E-02	5.54E-09	1,000,000	5.54E-03
65	1.63405	3.9894E-05	6.52E-05	2.50E-04	1.63E-08	29	1.15E-02	5.49E-09	1,000,000	5.49E-03
66	1.61701	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	29	1.15E-02	5.44E-09	1,000,000	5.44E-03
67	1.59803	3.9894E-05	6.38E-05	2.50E-04	1.60E-08	29	1.15E-02	5.37E-09	1,000,000	5.37E-03
68	1.57698	3.9894E-05	6.29E-05	2.50E-04	1.57E-08	29	1.15E-02	5.30E-09	1,000,000	5.30E-03
69	1.55408	3.9894E-05	6.20E-05	2.50E-04	1.55E-08	29	1.15E-02	5.22E-09	1,000,000	5.22E-03
70	1.75796	3.9894E-05	7.01E-05	2.50E-04	1.76E-08	29	1.15E-02	5.91E-09	1,000,000	5.91E-03
71	1.75262	3.9894E-05	6.99E-05	2.50E-04	1.75E-08	29	1.15E-02	5.89E-09	1,000,000	5.89E-03
72	1.74478	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	29	1.15E-02	5.87E-09	1,000,000	5.87E-03
73	1.73448	3.9894E-05	6.92E-05	2.50E-04	1.73E-08	29	1.15E-02	5.83E-09	1,000,000	5.83E-03
74	1.72179	3.9894E-05	6.87E-05	2.50E-04	1.72E-08	29	1.15E-02	5.79E-09	1,000,000	5.79E-03
75	1.70677	3.9894E-05	6.81E-05	2.50E-04	1.70E-08	29	1.15E-02	5.74E-09	1,000,000	5.74E-03
76	1.68951	3.9894E-05	6.74E-05	2.50E-04	1.69E-08	29	1.15E-02	5.68E-09	1,000,000	5.68E-03
77	1.67012	3.9894E-05	6.66E-05	2.50E-04	1.67E-08	29	1.15E-02	5.61E-09	1,000,000	5.61E-03
78	1.64872	3.9894E-05	6.58E-05	2.50E-04	1.65E-08	29	1.15E-02	5.54E-09	1,000,000	5.54E-03
79	1.62519	3.9894E-05	6.48E-05	2.50E-04	1.62E-08	29	1.15E-02	5.46E-09	1,000,000	5.46E-03
80	1.59978	3.9894E-05	6.38E-05	2.50E-04	1.60E-08	29	1.15E-02	5.38E-09	1,000,000	5.38E-03
81	1.82862	3.9894E-05	7.30E-05	2.50E-04	1.83E-08	29	1.15E-02	6.15E-09	1,000,000	6.15E-03
82	1.8215	3.9894E-05	7.27E-05	2.50E-04	1.82E-08	29	1.15E-02	6.12E-09	1,000,000	6.12E-03
83	1.8117	3.9894E-05	7.23E-05	2.50E-04	1.81E-08	29	1.15E-02	6.09E-09	1,000,000	6.09E-03
84	1.79928	3.9894E-05	7.18E-05	2.50E-04	1.80E-08	29	1.15E-02	6.05E-09	1,000,000	6.05E-03
85	1.78432	3.9894E-05	7.12E-05	2.50E-04	1.78E-08	29	1.15E-02	6.00E-09	1,000,000	6.00E-03
86	1.76691	3.9894E-05	7.05E-05	2.50E-04	1.76E-08	29	1.15E-02	5.94E-09	1,000,000	5.94E-03
87	1.74715	3.9894E-05	6.97E-05	2.50E-04	1.74E-08	29	1.15E-02	5.87E-09	1,000,000	5.87E-03
88	1.72517	3.9894E-05	6.88E-05	2.50E-04	1.72E-08	29	1.15E-02	5.80E-09	1,000,000	5.80E-03
89	1.70112	3.9894E-05	6.79E-05	2.50E-04	1.70E-08	29	1.15E-02	5.72E-09	1,000,000	5.72E-03
90	1.6749	3.9894E-05	6.68E-05	2.50E-04	1.67E-08	29	1.15E-02	5.63E-09	1,000,000	5.63E-03
91	1.64675	3.9894E-05	6.57E-05	2.50E-04	1.64E-08	29	1.15E-02	5.54E-09	1,000,000	5.54E-03
92	1.90309	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	29	1.15E-02	6.40E-09	1,000,000	6.40E-03
93	1.89394	3.9894E-05	7.56E-05	2.50E-04	1.89E-08	29	1.15E-02	6.37E-09	1,000,000	6.37E-03
94	1.88193	3.9894E-05	7.51E-05	2.50E-04	1.88E-08	29	1.15E-02	6.33E-09	1,000,000	6.33E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.45E-05	2.50E-04	1.86E-08	29	1.15E-02	6.28E-09	1,000,000	6.28E-03
96	1.84963	3.9894E-05	7.38E-05	2.50E-04	1.85E-08	29	1.15E-02	6.22E-09	1,000,000	6.22E-03
97	1.82956	3.9894E-05	7.30E-05	2.50E-04	1.83E-08	29	1.15E-02	6.15E-09	1,000,000	6.15E-03
98	1.80704	3.9894E-05	7.21E-05	2.50E-04	1.80E-08	29	1.15E-02	6.07E-09	1,000,000	6.07E-03
99	1.78222	3.9894E-05	7.11E-05	2.50E-04	1.78E-08	29	1.15E-02	5.99E-09	1,000,000	5.99E-03
100	1.75527	3.9894E-05	7.00E-05	2.50E-04	1.75E-08	29	1.15E-02	5.90E-09	1,000,000	5.90E-03
101	1.7261	3.9894E-05	6.89E-05	2.50E-04	1.72E-08	29	1.15E-02	5.80E-09	1,000,000	5.80E-03
102	1.695	3.9894E-05	6.76E-05	2.50E-04	1.69E-08	29	1.15E-02	5.70E-09	1,000,000	5.70E-03
103	1.92451	3.9894E-05	7.68E-05	2.50E-04	1.92E-08	29	1.15E-02	6.47E-09	1,000,000	6.47E-03
104	1.9058	3.9894E-05	7.60E-05	2.50E-04	1.90E-08	29	1.15E-02	6.41E-09	1,000,000	6.41E-03
105	1.88809	3.9894E-05	7.53E-05	2.50E-04	1.89E-08	29	1.15E-02	6.35E-09	1,000,000	6.35E-03
106	1.86184	3.9894E-05	7.43E-05	2.50E-04	1.86E-08	29	1.15E-02	6.26E-09	1,000,000	6.26E-03
107	1.8413	3.9894E-05	7.35E-05	2.50E-04	1.84E-08	29	1.15E-02	6.19E-09	1,000,000	6.19E-03
108	1.81118	3.9894E-05	7.23E-05	2.50E-04	1.81E-08	29	1.15E-02	6.09E-09	1,000,000	6.09E-03
109	1.77882	3.9894E-05	7.10E-05	2.50E-04	1.78E-08	29	1.15E-02	5.98E-09	1,000,000	5.98E-03
110	1.7445	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	29	1.15E-02	5.86E-09	1,000,000	5.86E-03
111	1.94061	3.9894E-05	7.74E-05	2.50E-04	1.94E-08	29	1.15E-02	6.52E-09	1,000,000	6.52E-03
112	1.9568	3.9894E-05	7.81E-05	2.50E-04	1.95E-08	29	1.15E-02	6.58E-09	1,000,000	6.58E-03
113	0.83138	3.9894E-05	3.32E-05	2.50E-04	8.30E-09	29	1.15E-02	2.79E-09	1,000,000	2.79E-03
114	0.79692	3.9894E-05	3.18E-05	2.50E-04	7.96E-09	29	1.15E-02	2.68E-09	1,000,000	2.68E-03
115	0.76351	3.9894E-05	3.05E-05	2.50E-04	7.62E-09	29	1.15E-02	2.57E-09	1,000,000	2.57E-03
116	0.73138	3.9894E-05	2.92E-05	2.50E-04	7.30E-09	29	1.15E-02	2.46E-09	1,000,000	2.46E-03
117	0.85022	3.9894E-05	3.39E-05	2.50E-04	8.49E-09	29	1.15E-02	2.86E-09	1,000,000	2.86E-03
118	0.81335	3.9894E-05	3.24E-05	2.50E-04	8.12E-09	29	1.15E-02	2.73E-09	1,000,000	2.73E-03
119	0.77791	3.9894E-05	3.10E-05	2.50E-04	7.77E-09	29	1.15E-02	2.62E-09	1,000,000	2.62E-03
120	0.74405	3.9894E-05	2.97E-05	2.50E-04	7.43E-09	29	1.15E-02	2.50E-09	1,000,000	2.50E-03
121	0.8687	3.9894E-05	3.47E-05	2.50E-04	8.67E-09	29	1.15E-02	2.92E-09	1,000,000	2.92E-03
122	0.82944	3.9894E-05	3.31E-05	2.50E-04	8.28E-09	29	1.15E-02	2.79E-09	1,000,000	2.79E-03
123	0.79197	3.9894E-05	3.16E-05	2.50E-04	7.91E-09	29	1.15E-02	2.66E-09	1,000,000	2.66E-03
124	0.75641	3.9894E-05	3.02E-05	2.50E-04	7.55E-09	29	1.15E-02	2.54E-09	1,000,000	2.54E-03
125	0.88676	3.9894E-05	3.54E-05	2.50E-04	8.85E-09	29	1.15E-02	2.98E-09	1,000,000	2.98E-03
126	0.84512	3.9894E-05	3.37E-05	2.50E-04	8.44E-09	29	1.15E-02	2.84E-09	1,000,000	2.84E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	4.4E-02	School	0.0203	112	5	3.98E-05	0.00005	112	School
2	5.0E-02	Res	0.6484	278	5	4.56E-05	0.0006	278	Res
3	5.9E-02	Teachers	0.007	112	5	5.32E-05	0.00005	112	Teachers
4	7.0E-02				5	6.31E-05			
5	8.5E-02				5	7.68E-05			
6	4.4E-02				5	3.98E-05			
7	5.0E-02				5	4.56E-05			
8	5.8E-02				5	5.30E-05			
9	6.9E-02				5	6.30E-05			
10	8.4E-02				5	7.65E-05			
11	4.3E-02				5	3.93E-05			
12	5.0E-02				5	4.50E-05			
13	5.8E-02				5	5.23E-05			
14	6.8E-02				5	6.21E-05			
15	8.3E-02				5	7.53E-05			
16	4.3E-02				5	3.87E-05			
17	4.9E-02				5	4.43E-05			
18	5.7E-02				5	5.14E-05			
19	6.7E-02				5	6.08E-05			
20	8.2E-02				5	7.40E-05			
21	4.2E-02				5	3.80E-05			
22	4.8E-02				5	4.35E-05			
23	5.6E-02				5	5.05E-05			
24	6.6E-02				5	5.99E-05			
25	8.0E-02				5	7.27E-05			
127	2.1E-02				5	1.93E-05			
128	2.0E-02				5	1.84E-05			
129	2.4E-02				5	2.16E-05			
130	2.3E-02				5	2.06E-05			
131	2.2E-02				5	1.96E-05			
132	2.1E-02				5	1.87E-05			
133	2.4E-02				5	2.21E-05			
134	2.3E-02				5	2.09E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
135	2.2E-02				5	1.99E-05		
136	2.1E-02				5	1.89E-05		
137	2.5E-02				5	2.24E-05		
138	2.2E-02				5	2.02E-05		
139	2.1E-02				5	1.92E-05		
140	2.6E-02				5	2.35E-05		
141	2.4E-02				5	2.21E-05		
142	2.3E-02				5	2.09E-05		
143	2.2E-02				5	1.98E-05		
144	2.6E-02				5	2.37E-05		
145	2.5E-02				5	2.24E-05		
146	2.3E-02				5	2.11E-05		
147	2.2E-02				5	2.00E-05		
148	2.6E-02				5	2.40E-05		
149	2.5E-02				5	2.26E-05		
150	2.3E-02				5	2.13E-05		
151	2.2E-02				5	2.01E-05		
152	2.7E-02				5	2.42E-05		
153	2.5E-02				5	2.28E-05		
154	2.4E-02				5	2.15E-05		
155	2.2E-02				5	2.02E-05		
156	2.7E-02				5	2.44E-05		
157	2.5E-02				5	2.30E-05		
158	2.4E-02				5	2.16E-05		
159	2.2E-02				5	2.04E-05		
160	2.7E-02				5	2.46E-05		
161	2.5E-02				5	2.31E-05		
162	2.4E-02				5	2.18E-05		
163	2.3E-02				5	2.05E-05		
164	2.7E-02				5	2.48E-05		
165	2.6E-02				5	2.33E-05		
166	2.4E-02				5	2.20E-05		
167	2.3E-02				5	2.07E-05		
168	2.8E-02				5	2.50E-05		
169	2.6E-02				5	2.34E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
170	2.4E-02				5	2.21E-05		
171	2.3E-02				5	2.08E-05		
172	2.8E-02				5	2.52E-05		
173	2.6E-02				5	2.36E-05		
174	2.5E-02				5	2.22E-05		
175	2.3E-02				5	2.09E-05		
176	2.8E-02				5	2.53E-05		
177	2.6E-02				5	2.37E-05		
178	2.5E-02				5	2.23E-05		
179	2.3E-02				5	2.10E-05		
180	2.8E-02				5	2.54E-05		
181	2.6E-02				5	2.38E-05		
182	2.5E-02				5	2.24E-05		
183	2.3E-02				5	2.10E-05		
184	2.9E-02				5	2.66E-05		
185	3.3E-02				5	2.95E-05		
186	3.0E-02				5	2.74E-05		
187	2.8E-02				5	2.56E-05		
188	2.6E-02				5	2.40E-05		
189	3.5E-02				5	3.20E-05		
190	3.3E-02				5	2.96E-05		
191	3.0E-02				5	2.75E-05		
192	2.8E-02				5	2.56E-05		
193	2.6E-02				5	2.40E-05		
194	3.5E-02				5	3.20E-05		
195	3.3E-02				5	2.96E-05		
196	3.0E-02				5	2.75E-05		
197	2.8E-02				5	2.57E-05		
198	2.6E-02				5	2.40E-05		
199	3.5E-02				5	3.20E-05		
200	3.3E-02				5	2.95E-05		
201	3.0E-02				5	2.75E-05		
202	2.8E-02				5	2.56E-05		
203	2.6E-02				5	2.39E-05		
204	5.0E-02				5	4.57E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
205	3.5E-02				5	3.19E-05		
206	3.2E-02				5	2.95E-05		
207	3.0E-02				5	2.74E-05		
208	2.8E-02				5	2.55E-05		
209	5.0E-02				5	4.55E-05		
210	4.6E-02				5	4.14E-05		
211	4.2E-02				5	3.77E-05		
212	3.8E-02				5	3.45E-05		
213	3.5E-02				5	3.18E-05		
214	3.2E-02				5	2.94E-05		
215	3.0E-02				5	2.74E-05		
216	6.1E-02				5	5.57E-05		
217	5.5E-02				5	4.97E-05		
218	4.9E-02				5	4.49E-05		
219	4.5E-02				5	4.07E-05		
220	4.1E-02				5	3.72E-05		
221	3.8E-02				5	3.41E-05		
222	6.0E-02				5	5.45E-05		
223	5.4E-02				5	4.89E-05		
224	4.9E-02				5	4.41E-05		
225	4.4E-02				5	4.00E-05		
226	4.0E-02				5	3.66E-05		
227	5.8E-02				5	5.30E-05		
228	5.2E-02				5	4.76E-05		
229	4.7E-02				5	4.31E-05		
230	4.3E-02				5	3.92E-05		
231	5.6E-02				5	5.08E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
232	5.1E-02				5	4.59E-05		
233	4.6E-02				5	4.17E-05		
234	4.2E-02				5	3.81E-05		
235	5.3E-02				5	4.82E-05		
236	4.8E-02				5	4.39E-05		
237	4.4E-02				5	4.01E-05		
238	4.1E-02				5	3.68E-05		
239	5.0E-02				5	4.52E-05		
240	4.6E-02				5	4.15E-05		
241	4.2E-02				5	3.82E-05		
242	3.9E-02				5	3.53E-05		
243	1.1E-01				5	9.81E-05		
244	9.4E-02				5	8.56E-05		
245	8.3E-02				5	7.55E-05		
246	7.4E-02				5	6.73E-05		
247	6.7E-02				5	6.05E-05		
248	6.1E-02				5	5.50E-05		
249	5.5E-02				5	5.02E-05		
250	9.4E-02				5	8.57E-05		
251	8.3E-02				5	7.57E-05		
252	7.4E-02				5	6.75E-05		
253	6.7E-02				5	6.06E-05		
254	6.0E-02				5	5.49E-05		
255	5.5E-02				5	5.01E-05		
256	5.1E-02				5	4.60E-05		
257	8.3E-02				5	7.56E-05		
258	7.4E-02				5	6.76E-05		
259	6.7E-02				5	6.07E-05		
260	6.1E-02				5	5.49E-05		
261	5.5E-02				5	4.99E-05		
262	5.0E-02				5	4.58E-05		
263	4.6E-02				5	4.21E-05		
264	7.4E-02				5	6.74E-05		
265	6.7E-02				5	6.07E-05		
266	6.1E-02				5	5.50E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
267	5.5E-02				5	5.01E-05		
268	5.0E-02				5	4.58E-05		
269	4.6E-02				5	4.21E-05		
270	4.3E-02				5	3.87E-05		
271	6.7E-02				5	6.06E-05		
272	6.1E-02				5	5.50E-05		
273	5.5E-02				5	5.01E-05		
274	5.1E-02				5	4.59E-05		
275	4.6E-02				5	4.21E-05		
276	4.3E-02				5	3.89E-05		
277	3.9E-02				5	3.57E-05		
278	6.5E-01				5	5.88E-04		
279	6.0E-01				5	5.46E-04		
280	5.3E-01				5	4.81E-04		
281	4.7E-01				5	4.25E-04		
282	5.2E-01				5	4.75E-04		
283	4.3E-01				5	3.91E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	1.6E-02	5.1E-03			5	3.61E-05		
27	1.6E-02	5.1E-03			5	3.61E-05		
28	1.6E-02	5.1E-03			5	3.61E-05		
29	1.6E-02	5.1E-03			5	3.60E-05		
30	1.6E-02	5.0E-03			5	3.58E-05		
31	1.5E-02	5.0E-03			5	3.57E-05		
32	1.5E-02	5.0E-03			5	3.54E-05		
33	1.5E-02	4.9E-03			5	3.52E-05		
34	1.5E-02	4.9E-03			5	3.48E-05		
35	1.5E-02	4.8E-03			5	3.45E-05		
36	1.5E-02	4.8E-03			5	3.41E-05		
37	1.6E-02	5.3E-03			5	3.75E-05		
38	1.6E-02	5.3E-03			5	3.75E-05		
39	1.6E-02	5.3E-03			5	3.74E-05		
40	1.6E-02	5.2E-03			5	3.73E-05		
41	1.6E-02	5.2E-03			5	3.71E-05		
42	1.6E-02	5.2E-03			5	3.69E-05		
43	1.6E-02	5.1E-03			5	3.66E-05		
44	1.6E-02	5.1E-03			5	3.63E-05		
45	1.6E-02	5.0E-03			5	3.59E-05		
46	1.5E-02	5.0E-03			5	3.55E-05		
47	1.5E-02	4.9E-03			5	3.51E-05		
48	1.7E-02	5.5E-03			5	3.90E-05		
49	1.7E-02	5.5E-03			5	3.89E-05		
50	1.7E-02	5.4E-03			5	3.88E-05		
51	1.7E-02	5.4E-03			5	3.86E-05		
52	1.7E-02	5.4E-03			5	3.84E-05		
53	1.7E-02	5.4E-03			5	3.81E-05		
54	1.6E-02	5.3E-03			5	3.78E-05		
55	1.6E-02	5.3E-03			5	3.75E-05		
56	1.6E-02	5.2E-03			5	3.71E-05		
57	1.6E-02	5.1E-03			5	3.66E-05		
58	1.6E-02	5.1E-03			5	3.61E-05		
59	1.8E-02	5.7E-03			5	4.05E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
60	1.7E-02	5.7E-03			5	4.04E-05		
61	1.7E-02	5.7E-03			5	4.02E-05		
62	1.7E-02	5.6E-03			5	4.00E-05		
63	1.7E-02	5.6E-03			5	3.98E-05		
64	1.7E-02	5.5E-03			5	3.95E-05		
65	1.7E-02	5.5E-03			5	3.91E-05		
66	1.7E-02	5.4E-03			5	3.87E-05		
67	1.7E-02	5.4E-03			5	3.83E-05		
68	1.6E-02	5.3E-03			5	3.77E-05		
69	1.6E-02	5.2E-03			5	3.72E-05		
70	1.8E-02	5.9E-03			5	4.21E-05		
71	1.8E-02	5.9E-03			5	4.20E-05		
72	1.8E-02	5.9E-03			5	4.18E-05		
73	1.8E-02	5.8E-03			5	4.15E-05		
74	1.8E-02	5.8E-03			5	4.12E-05		
75	1.8E-02	5.7E-03			5	4.09E-05		
76	1.7E-02	5.7E-03			5	4.04E-05		
77	1.7E-02	5.6E-03			5	4.00E-05		
78	1.7E-02	5.5E-03			5	3.95E-05		
79	1.7E-02	5.5E-03			5	3.89E-05		
80	1.7E-02	5.4E-03			5	3.83E-05		
81	1.9E-02	6.1E-03			5	4.38E-05		
82	1.9E-02	6.1E-03			5	4.36E-05		
83	1.9E-02	6.1E-03			5	4.34E-05		
84	1.9E-02	6.0E-03			5	4.31E-05		
85	1.8E-02	6.0E-03			5	4.27E-05		
86	1.8E-02	5.9E-03			5	4.23E-05		
87	1.8E-02	5.9E-03			5	4.18E-05		
88	1.8E-02	5.8E-03			5	4.13E-05		
89	1.8E-02	5.7E-03			5	4.07E-05		
90	1.7E-02	5.6E-03			5	4.01E-05		
91	1.7E-02	5.5E-03			5	3.94E-05		
92	2.0E-02	6.4E-03			5	4.56E-05		
93	2.0E-02	6.4E-03			5	4.53E-05		
94	1.9E-02	6.3E-03			5	4.50E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
95	1.9E-02	6.3E-03			5	4.47E-05		
96	1.9E-02	6.2E-03			5	4.43E-05		
97	1.9E-02	6.2E-03			5	4.38E-05		
98	1.9E-02	6.1E-03			5	4.33E-05		
99	1.8E-02	6.0E-03			5	4.27E-05		
100	1.8E-02	5.9E-03			5	4.20E-05		
101	1.8E-02	5.8E-03			5	4.13E-05		
102	1.8E-02	5.7E-03			5	4.06E-05		
103	2.0E-02	6.5E-03			5	4.61E-05		
104	2.0E-02	6.4E-03			5	4.56E-05		
105	2.0E-02	6.3E-03			5	4.52E-05		
106	1.9E-02	6.3E-03			5	4.46E-05		
107	1.9E-02	6.2E-03			5	4.41E-05		
108	1.9E-02	6.1E-03			5	4.34E-05		
109	1.8E-02	6.0E-03			5	4.26E-05		
110	1.8E-02	5.9E-03			5	4.18E-05		
111	2.0E-02	6.5E-03			5	4.65E-05		
112	2.0E-02	6.6E-03			5	4.68E-05		
113	8.6E-03	2.8E-03			5	1.99E-05		
114	8.3E-03	2.7E-03			5	1.91E-05		
115	7.9E-03	2.6E-03			5	1.83E-05		
116	7.6E-03	2.5E-03			5	1.75E-05		
117	8.8E-03	2.9E-03			5	2.04E-05		
118	8.4E-03	2.7E-03			5	1.95E-05		
119	8.1E-03	2.6E-03			5	1.86E-05		
120	7.7E-03	2.5E-03			5	1.78E-05		
121	9.0E-03	2.9E-03			5	2.08E-05		
122	8.6E-03	2.8E-03			5	1.99E-05		
123	8.2E-03	2.7E-03			5	1.90E-05		
124	7.8E-03	2.5E-03			5	1.81E-05		
125	9.2E-03	3.0E-03			5	2.12E-05		
126	8.8E-03	2.8E-03			5	2.02E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.33726	**6.94E-05**	9.28E-05	1.05E-03	9.70E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
2	1.51929	6.9413E-05	0.00010546	1.05E-03	1.10E-07	1.35	1.57E-01	2.34E-08	1,000,000	2.34E-02
3	1.75475	6.9413E-05	0.0001218	1.05E-03	1.27E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02
4	2.06114	6.9413E-05	0.00014307	1.05E-03	1.50E-07	1.35	1.57E-01	3.17E-08	1,000,000	3.17E-02
5	2.48307	6.9413E-05	0.00017236	1.05E-03	1.80E-07	1.35	1.57E-01	3.82E-08	1,000,000	3.82E-02
6	1.31947	6.9413E-05	9.1588E-05	1.05E-03	9.57E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
7	1.49666	6.9413E-05	0.00010389	1.05E-03	1.09E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
8	1.72383	6.9413E-05	0.00011966	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
9	2.02801	6.9413E-05	0.00014077	1.05E-03	1.47E-07	1.35	1.57E-01	3.12E-08	1,000,000	3.12E-02
10	2.44124	6.9413E-05	0.00016945	1.05E-03	1.77E-07	1.35	1.57E-01	3.76E-08	1,000,000	3.76E-02
11	1.29745	6.9413E-05	9.006E-05	1.05E-03	9.41E-08	1.35	1.57E-01	2.00E-08	1,000,000	2.00E-02
12	1.47116	6.9413E-05	0.00010212	1.05E-03	1.07E-07	1.35	1.57E-01	2.26E-08	1,000,000	2.26E-02
13	1.69509	6.9413E-05	0.00011766	1.05E-03	1.23E-07	1.35	1.57E-01	2.61E-08	1,000,000	2.61E-02
14	1.99763	6.9413E-05	0.00013866	1.05E-03	1.45E-07	1.35	1.57E-01	3.07E-08	1,000,000	3.07E-02
15	2.40824	6.9413E-05	0.00016716	1.05E-03	1.75E-07	1.35	1.57E-01	3.71E-08	1,000,000	3.71E-02
16	1.27698	6.9413E-05	8.8639E-05	1.05E-03	9.26E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
17	1.45002	6.9413E-05	0.00010065	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
18	1.67175	6.9413E-05	0.00011604	1.05E-03	1.21E-07	1.35	1.57E-01	2.57E-08	1,000,000	2.57E-02
19	1.9648	6.9413E-05	0.00013638	1.05E-03	1.43E-07	1.35	1.57E-01	3.02E-08	1,000,000	3.02E-02
20	2.37894	6.9413E-05	0.00016513	1.05E-03	1.73E-07	1.35	1.57E-01	3.66E-08	1,000,000	3.66E-02
113	1.13117	6.9413E-05	7.8518E-05	1.05E-03	8.21E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
114	1.06862	6.9413E-05	7.4176E-05	1.05E-03	7.75E-08	1.35	1.57E-01	1.64E-08	1,000,000	1.64E-02
115	1.0097	6.9413E-05	7.0086E-05	1.05E-03	7.33E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
116	0.95463	6.9413E-05	6.6264E-05	1.05E-03	6.93E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
117	1.16019	6.9413E-05	8.0532E-05	1.05E-03	8.42E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
118	1.09279	6.9413E-05	7.5854E-05	1.05E-03	7.93E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
119	1.03002	6.9413E-05	7.1497E-05	1.05E-03	7.47E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
120	0.97185	6.9413E-05	6.7459E-05	1.05E-03	7.05E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
121	1.18795	6.9413E-05	8.2459E-05	1.05E-03	8.62E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
122	1.11585	6.9413E-05	7.7454E-05	1.05E-03	8.10E-08	1.35	1.57E-01	1.72E-08	1,000,000	1.72E-02
123	1.04935	6.9413E-05	7.2838E-05	1.05E-03	7.61E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
124	0.98817	6.9413E-05	6.8592E-05	1.05E-03	7.17E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.4288E-05	1.05E-03	8.81E-08	1.35	1.57E-01	1.87E-08	1,000,000	1.87E-02
126	1.13766	6.9413E-05	7.8968E-05	1.05E-03	8.25E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
127	1.06753	6.9413E-05	7.41E-05	1.05E-03	7.74E-08	1.35	1.57E-01	1.64E-08	1,000,000	1.64E-02
128	1.00341	6.9413E-05	6.965E-05	1.05E-03	7.28E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
129	1.23906	6.9413E-05	8.6007E-05	1.05E-03	8.99E-08	1.35	1.57E-01	1.91E-08	1,000,000	1.91E-02
130	1.15803	6.9413E-05	8.0382E-05	1.05E-03	8.40E-08	1.35	1.57E-01	1.78E-08	1,000,000	1.78E-02
131	1.0844	6.9413E-05	7.5271E-05	1.05E-03	7.87E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
132	1.01744	6.9413E-05	7.0623E-05	1.05E-03	7.38E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
133	1.262	6.9413E-05	8.7599E-05	1.05E-03	9.16E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
134	1.17678	6.9413E-05	8.1684E-05	1.05E-03	8.54E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
135	1.09981	6.9413E-05	7.6341E-05	1.05E-03	7.98E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
136	1.03013	6.9413E-05	7.1504E-05	1.05E-03	7.47E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
137	1.28294	6.9413E-05	8.9052E-05	1.05E-03	9.31E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
138	1.11365	6.9413E-05	7.7302E-05	1.05E-03	8.08E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
139	1.04147	6.9413E-05	7.2291E-05	1.05E-03	7.56E-08	1.35	1.57E-01	1.60E-08	1,000,000	1.60E-02
140	1.333	6.9413E-05	9.2527E-05	1.05E-03	9.67E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
141	1.23403	6.9413E-05	8.5657E-05	1.05E-03	8.95E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
142	1.14637	6.9413E-05	7.9573E-05	1.05E-03	8.32E-08	1.35	1.57E-01	1.76E-08	1,000,000	1.76E-02
143	1.06836	6.9413E-05	7.4158E-05	1.05E-03	7.75E-08	1.35	1.57E-01	1.64E-08	1,000,000	1.64E-02
144	1.34568	6.9413E-05	9.3407E-05	1.05E-03	9.76E-08	1.35	1.57E-01	2.07E-08	1,000,000	2.07E-02
145	1.2443	6.9413E-05	8.637E-05	1.05E-03	9.03E-08	1.35	1.57E-01	1.92E-08	1,000,000	1.92E-02
146	1.15484	6.9413E-05	8.0161E-05	1.05E-03	8.38E-08	1.35	1.57E-01	1.78E-08	1,000,000	1.78E-02
147	1.07546	6.9413E-05	7.4651E-05	1.05E-03	7.80E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
148	1.35665	6.9413E-05	9.4169E-05	1.05E-03	9.84E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
149	1.25327	6.9413E-05	8.6993E-05	1.05E-03	9.09E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
150	1.1623	6.9413E-05	8.0679E-05	1.05E-03	8.43E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
151	1.08176	6.9413E-05	7.5088E-05	1.05E-03	7.85E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
152	1.366	6.9413E-05	9.4818E-05	1.05E-03	9.91E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
153	1.26098	6.9413E-05	8.7528E-05	1.05E-03	9.15E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
154	1.16873	6.9413E-05	8.1125E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
155	1.08717	6.9413E-05	7.5464E-05	1.05E-03	7.89E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
156	1.37365	6.9413E-05	9.5349E-05	1.05E-03	9.97E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
157	1.26724	6.9413E-05	8.7963E-05	1.05E-03	9.19E-08	1.35	1.57E-01	1.95E-08	1,000,000	1.95E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.1484E-05	1.05E-03	8.52E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
159	1.09145	6.9413E-05	7.5761E-05	1.05E-03	7.92E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
160	1.37918	6.9413E-05	9.5733E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
161	1.27165	6.9413E-05	8.8269E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
162	1.17739	6.9413E-05	8.1726E-05	1.05E-03	8.54E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
163	1.10081	6.9413E-05	7.641E-05	1.05E-03	7.99E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
164	1.38195	6.9413E-05	9.5925E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
165	1.27361	6.9413E-05	8.8405E-05	1.05E-03	9.24E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
166	1.18692	6.9413E-05	8.2387E-05	1.05E-03	8.61E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
167	1.10298	6.9413E-05	7.6561E-05	1.05E-03	8.00E-08	1.35	1.57E-01	1.70E-08	1,000,000	1.70E-02
168	1.38131	6.9413E-05	9.5881E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
169	1.27267	6.9413E-05	8.834E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
170	1.18546	6.9413E-05	8.2286E-05	1.05E-03	8.60E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
171	1.10113	6.9413E-05	7.6433E-05	1.05E-03	7.99E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
172	1.37696	6.9413E-05	9.5579E-05	1.05E-03	9.99E-08	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
173	1.26863	6.9413E-05	8.8059E-05	1.05E-03	9.20E-08	1.35	1.57E-01	1.95E-08	1,000,000	1.95E-02
174	1.18067	6.9413E-05	8.1954E-05	1.05E-03	8.57E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
175	1.09668	6.9413E-05	7.6124E-05	1.05E-03	7.96E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
176	1.36891	6.9413E-05	9.502E-05	1.05E-03	9.93E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
177	1.26159	6.9413E-05	8.7571E-05	1.05E-03	9.15E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
178	1.17342	6.9413E-05	8.145E-05	1.05E-03	8.51E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
179	1.09019	6.9413E-05	7.5673E-05	1.05E-03	7.91E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
180	1.35716	6.9413E-05	9.4204E-05	1.05E-03	9.85E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
181	1.25653	6.9413E-05	8.7219E-05	1.05E-03	9.12E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
182	1.16427	6.9413E-05	8.0815E-05	1.05E-03	8.45E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
183	1.0822	6.9413E-05	7.5119E-05	1.05E-03	7.85E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
184	1.49665	6.9413E-05	0.00010389	1.05E-03	1.09E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
185	1.6216	6.9413E-05	0.00011256	1.05E-03	1.18E-07	1.35	1.57E-01	2.50E-08	1,000,000	2.50E-02
186	1.48158	6.9413E-05	0.00010284	1.05E-03	1.07E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
187	1.36041	6.9413E-05	9.443E-05	1.05E-03	9.87E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
188	1.25965	6.9413E-05	8.7436E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
189	1.74874	6.9413E-05	0.00012138	1.05E-03	1.27E-07	1.35	1.57E-01	2.69E-08	1,000,000	2.69E-02
190	1.59364	6.9413E-05	0.00011062	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	0.00010128	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
192	1.34208	6.9413E-05	9.3158E-05	1.05E-03	9.74E-08	1.35	1.57E-01	2.07E-08	1,000,000	2.07E-02
193	1.24509	6.9413E-05	8.6425E-05	1.05E-03	9.03E-08	1.35	1.57E-01	1.92E-08	1,000,000	1.92E-02
194	1.7046	6.9413E-05	0.00011832	1.05E-03	1.24E-07	1.35	1.57E-01	2.62E-08	1,000,000	2.62E-02
195	1.55782	6.9413E-05	0.00010813	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
196	1.43545	6.9413E-05	9.9639E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
197	1.3243	6.9413E-05	9.1923E-05	1.05E-03	9.61E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
198	1.22579	6.9413E-05	8.5086E-05	1.05E-03	8.89E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
199	1.65095	6.9413E-05	0.0001146	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
200	1.51431	6.9413E-05	0.00010511	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
201	1.39948	6.9413E-05	9.7142E-05	1.05E-03	1.02E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
202	1.29462	6.9413E-05	8.9863E-05	1.05E-03	9.39E-08	1.35	1.57E-01	1.99E-08	1,000,000	1.99E-02
203	1.20222	6.9413E-05	8.3449E-05	1.05E-03	8.72E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
204	2.32566	6.9413E-05	0.00016143	1.05E-03	1.69E-07	1.35	1.57E-01	3.58E-08	1,000,000	3.58E-02
205	1.59036	6.9413E-05	0.00011039	1.05E-03	1.15E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
206	1.46422	6.9413E-05	0.00010164	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
207	1.35703	6.9413E-05	9.4195E-05	1.05E-03	9.85E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
208	1.25887	6.9413E-05	8.7382E-05	1.05E-03	9.13E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
209	2.18815	6.9413E-05	0.00015189	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
210	1.98424	6.9413E-05	0.00013773	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
211	1.80853	6.9413E-05	0.00012554	1.05E-03	1.31E-07	1.35	1.57E-01	2.78E-08	1,000,000	2.78E-02
212	1.65697	6.9413E-05	0.00011501	1.05E-03	1.20E-07	1.35	1.57E-01	2.55E-08	1,000,000	2.55E-02
213	1.52506	6.9413E-05	0.00010586	1.05E-03	1.11E-07	1.35	1.57E-01	2.35E-08	1,000,000	2.35E-02
214	1.41117	6.9413E-05	9.7953E-05	1.05E-03	1.02E-07	1.35	1.57E-01	2.17E-08	1,000,000	2.17E-02
215	1.30912	6.9413E-05	9.087E-05	1.05E-03	9.50E-08	1.35	1.57E-01	2.01E-08	1,000,000	2.01E-02
216	2.31651	6.9413E-05	0.0001608	1.05E-03	1.68E-07	1.35	1.57E-01	3.57E-08	1,000,000	3.57E-02
217	2.10288	6.9413E-05	0.00014597	1.05E-03	1.53E-07	1.35	1.57E-01	3.24E-08	1,000,000	3.24E-02
218	1.91849	6.9413E-05	0.00013317	1.05E-03	1.39E-07	1.35	1.57E-01	2.95E-08	1,000,000	2.95E-02
219	1.75869	6.9413E-05	0.00012208	1.05E-03	1.28E-07	1.35	1.57E-01	2.71E-08	1,000,000	2.71E-02
220	1.61861	6.9413E-05	0.00011235	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
221	1.49595	6.9413E-05	0.00010384	1.05E-03	1.09E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
222	2.13657	6.9413E-05	0.00014831	1.05E-03	1.55E-07	1.35	1.57E-01	3.29E-08	1,000,000	3.29E-02
223	1.95191	6.9413E-05	0.00013549	1.05E-03	1.42E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	0.0001243	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
225	1.65013	6.9413E-05	0.00011454	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
226	1.52399	6.9413E-05	0.00010578	1.05E-03	1.11E-07	1.35	1.57E-01	2.35E-08	1,000,000	2.35E-02
227	1.97295	6.9413E-05	0.00013695	1.05E-03	1.43E-07	1.35	1.57E-01	3.04E-08	1,000,000	3.04E-02
228	1.81137	6.9413E-05	0.00012573	1.05E-03	1.31E-07	1.35	1.57E-01	2.79E-08	1,000,000	2.79E-02
229	1.66367	6.9413E-05	0.00011548	1.05E-03	1.21E-07	1.35	1.57E-01	2.56E-08	1,000,000	2.56E-02
230	1.54002	6.9413E-05	0.0001069	1.05E-03	1.12E-07	1.35	1.57E-01	2.37E-08	1,000,000	2.37E-02
231	1.82377	6.9413E-05	0.00012659	1.05E-03	1.32E-07	1.35	1.57E-01	2.81E-08	1,000,000	2.81E-02
232	1.68354	6.9413E-05	0.00011686	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
233	1.55038	6.9413E-05	0.00010762	1.05E-03	1.12E-07	1.35	1.57E-01	2.39E-08	1,000,000	2.39E-02
234	1.44072	6.9413E-05	0.0001	1.05E-03	1.05E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
235	1.68922	6.9413E-05	0.00011725	1.05E-03	1.23E-07	1.35	1.57E-01	2.60E-08	1,000,000	2.60E-02
236	1.5669	6.9413E-05	0.00010876	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
237	1.44605	6.9413E-05	0.00010037	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
238	1.34942	6.9413E-05	9.3667E-05	1.05E-03	9.79E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
239	1.56822	6.9413E-05	0.00010885	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
240	1.45086	6.9413E-05	0.00010071	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
241	1.35307	6.9413E-05	9.392E-05	1.05E-03	9.82E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
242	1.26616	6.9413E-05	8.7888E-05	1.05E-03	9.19E-08	1.35	1.57E-01	1.95E-08	1,000,000	1.95E-02
243	2.7862	6.9413E-05	0.0001934	1.05E-03	2.02E-07	1.35	1.57E-01	4.29E-08	1,000,000	4.29E-02
244	2.56679	6.9413E-05	0.00017817	1.05E-03	1.86E-07	1.35	1.57E-01	3.95E-08	1,000,000	3.95E-02
245	2.36183	6.9413E-05	0.00016394	1.05E-03	1.71E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
246	2.17392	6.9413E-05	0.0001509	1.05E-03	1.58E-07	1.35	1.57E-01	3.35E-08	1,000,000	3.35E-02
247	2.00229	6.9413E-05	0.00013898	1.05E-03	1.45E-07	1.35	1.57E-01	3.08E-08	1,000,000	3.08E-02
248	1.85013	6.9413E-05	0.00012842	1.05E-03	1.34E-07	1.35	1.57E-01	2.85E-08	1,000,000	2.85E-02
249	1.71239	6.9413E-05	0.00011886	1.05E-03	1.24E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
250	2.50001	6.9413E-05	0.00017353	1.05E-03	1.81E-07	1.35	1.57E-01	3.85E-08	1,000,000	3.85E-02
251	2.31622	6.9413E-05	0.00016078	1.05E-03	1.68E-07	1.35	1.57E-01	3.56E-08	1,000,000	3.56E-02
252	2.14361	6.9413E-05	0.00014879	1.05E-03	1.56E-07	1.35	1.57E-01	3.30E-08	1,000,000	3.30E-02
253	1.98414	6.9413E-05	0.00013772	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
254	1.8372	6.9413E-05	0.00012753	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
255	1.70589	6.9413E-05	0.00011841	1.05E-03	1.24E-07	1.35	1.57E-01	2.63E-08	1,000,000	2.63E-02
256	1.58175	6.9413E-05	0.00010979	1.05E-03	1.15E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	0.00015678	1.05E-03	1.64E-07	1.35	1.57E-01	3.48E-08	1,000,000	3.48E-02
258	2.10265	6.9413E-05	0.00014595	1.05E-03	1.53E-07	1.35	1.57E-01	3.24E-08	1,000,000	3.24E-02
259	1.95555	6.9413E-05	0.00013574	1.05E-03	1.42E-07	1.35	1.57E-01	3.01E-08	1,000,000	3.01E-02
260	1.81896	6.9413E-05	0.00012626	1.05E-03	1.32E-07	1.35	1.57E-01	2.80E-08	1,000,000	2.80E-02
261	1.69201	6.9413E-05	0.00011745	1.05E-03	1.23E-07	1.35	1.57E-01	2.60E-08	1,000,000	2.60E-02
262	1.57777	6.9413E-05	0.00010952	1.05E-03	1.14E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02
263	1.46868	6.9413E-05	0.00010195	1.05E-03	1.07E-07	1.35	1.57E-01	2.26E-08	1,000,000	2.26E-02
264	2.05533	6.9413E-05	0.00014267	1.05E-03	1.49E-07	1.35	1.57E-01	3.16E-08	1,000,000	3.16E-02
265	1.91993	6.9413E-05	0.00013327	1.05E-03	1.39E-07	1.35	1.57E-01	2.95E-08	1,000,000	2.95E-02
266	1.79277	6.9413E-05	0.00012444	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
267	1.67459	6.9413E-05	0.00011624	1.05E-03	1.21E-07	1.35	1.57E-01	2.58E-08	1,000,000	2.58E-02
268	1.56551	6.9413E-05	0.00010867	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
269	1.46484	6.9413E-05	0.00010168	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
270	1.36803	6.9413E-05	9.4959E-05	1.05E-03	9.93E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
271	1.87927	6.9413E-05	0.00013045	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
272	1.76187	6.9413E-05	0.0001223	1.05E-03	1.28E-07	1.35	1.57E-01	2.71E-08	1,000,000	2.71E-02
273	1.65122	6.9413E-05	0.00011462	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
274	1.54795	6.9413E-05	0.00010745	1.05E-03	1.12E-07	1.35	1.57E-01	2.38E-08	1,000,000	2.38E-02
275	1.45218	6.9413E-05	0.0001008	1.05E-03	1.05E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
276	1.36383	6.9413E-05	9.4667E-05	1.05E-03	9.89E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
277	1.27642	6.9413E-05	8.86E-05	1.05E-03	9.26E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
278	8.9093	6.9413E-05	0.00061842	1.05E-03	6.46E-07	1.35	1.57E-01	1.37E-07	1,000,000	1.37E-01
279	8.16494	6.9413E-05	0.00056675	1.05E-03	5.92E-07	1.35	1.57E-01	1.26E-07	1,000,000	1.26E-01
280	7.03127	6.9413E-05	0.00048806	1.05E-03	5.10E-07	1.35	1.57E-01	1.08E-07	1,000,000	1.08E-01
281	6.56402	6.9413E-05	0.00045563	1.05E-03	4.76E-07	1.35	1.57E-01	1.01E-07	1,000,000	1.01E-01
282	6.72638	6.9413E-05	0.0004669	1.05E-03	4.88E-07	1.35	1.57E-01	1.04E-07	1,000,000	1.04E-01
283	6.53649	6.9413E-05	0.00045372	1.05E-03	4.74E-07	1.35	1.57E-01	1.01E-07	1,000,000	1.01E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
21	1.26068	6.9413E-05	8.7507E-05	1.05E-03	9.15E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
22	1.43245	6.9413E-05	9.943E-05	1.05E-03	1.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
23	1.65432	6.9413E-05	0.00011483	1.05E-03	1.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
24	1.94736	6.9413E-05	0.00013517	1.05E-03	1.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
25	2.34205	6.9413E-05	0.00016257	1.05E-03	1.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
26	2.32682	6.9413E-05	0.00016151	1.05E-03	1.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	2.35622	6.9413E-05	0.00016355	1.05E-03	1.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	2.38132	6.9413E-05	0.00016529	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	2.40158	6.9413E-05	0.0001667	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	2.41676	6.9413E-05	0.00016775	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	2.42676	6.9413E-05	0.00016845	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	2.43147	6.9413E-05	0.00016878	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	2.43073	6.9413E-05	0.00016872	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	2.42427	6.9413E-05	0.00016828	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	2.41116	6.9413E-05	0.00016737	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	2.39143	6.9413E-05	0.000166	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	2.45582	6.9413E-05	0.00017047	1.05E-03	1.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	2.48753	6.9413E-05	0.00017267	1.05E-03	1.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	2.5144	6.9413E-05	0.00017453	1.05E-03	1.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	2.5358	6.9413E-05	0.00017602	1.05E-03	1.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	2.55144	6.9413E-05	0.0001771	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	2.56118	6.9413E-05	0.00017778	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	2.56487	6.9413E-05	0.00017803	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	2.56224	6.9413E-05	0.00017785	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	2.55298	6.9413E-05	0.00017721	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	2.53606	6.9413E-05	0.00017604	1.05E-03	1.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	2.51151	6.9413E-05	0.00017433	1.05E-03	1.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	2.5969	6.9413E-05	0.00018026	1.05E-03	1.88E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	2.63133	6.9413E-05	0.00018265	1.05E-03	1.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	2.66029	6.9413E-05	0.00018466	1.05E-03	1.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	2.68304	6.9413E-05	0.00018624	1.05E-03	1.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	2.6992	6.9413E-05	0.00018736	1.05E-03	1.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	0.00018801	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	2.71093	6.9413E-05	0.00018817	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	2.70592	6.9413E-05	0.00018783	1.05E-03	1.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	2.69313	6.9413E-05	0.00018694	1.05E-03	1.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	2.67144	6.9413E-05	0.00018543	1.05E-03	1.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
58	2.64092	6.9413E-05	0.00018331	1.05E-03	1.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	2.75184	6.9413E-05	0.00019101	1.05E-03	2.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	2.78953	6.9413E-05	0.00019363	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	2.821	6.9413E-05	0.00019581	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	2.84535	6.9413E-05	0.0001975	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	2.86211	6.9413E-05	0.00019867	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	2.87096	6.9413E-05	0.00019928	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	2.87158	6.9413E-05	0.00019932	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	2.86348	6.9413E-05	0.00019876	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	2.84616	6.9413E-05	0.00019756	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	2.81843	6.9413E-05	0.00019564	1.05E-03	2.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	2.78046	6.9413E-05	0.000193	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	2.92281	6.9413E-05	0.00020288	1.05E-03	2.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	2.96447	6.9413E-05	0.00020577	1.05E-03	2.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	2.99901	6.9413E-05	0.00020817	1.05E-03	2.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	3.0253	6.9413E-05	0.00020999	1.05E-03	2.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	3.04271	6.9413E-05	0.0002112	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	3.05081	6.9413E-05	0.00021177	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	3.04909	6.9413E-05	0.00021165	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	3.03693	6.9413E-05	0.0002108	1.05E-03	2.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	3.01374	6.9413E-05	0.00020919	1.05E-03	2.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	2.97828	6.9413E-05	0.00020673	1.05E-03	2.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	2.93092	6.9413E-05	0.00020344	1.05E-03	2.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	3.11252	6.9413E-05	0.00021605	1.05E-03	2.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	3.15909	6.9413E-05	0.00021928	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	3.19742	6.9413E-05	0.00022194	1.05E-03	2.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	3.22607	6.9413E-05	0.00022393	1.05E-03	2.34E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	3.24419	6.9413E-05	0.00022519	1.05E-03	2.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	0.00022567	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	3.24623	6.9413E-05	0.00022533	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	3.22863	6.9413E-05	0.00022411	1.05E-03	2.34E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	3.19768	6.9413E-05	0.00022196	1.05E-03	2.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	3.15225	6.9413E-05	0.00021881	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
91	3.09304	6.9413E-05	0.0002147	1.05E-03	2.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	3.32437	6.9413E-05	0.00023075	1.05E-03	2.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	3.37711	6.9413E-05	0.00023441	1.05E-03	2.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	3.42019	6.9413E-05	0.00023741	1.05E-03	2.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	3.45173	6.9413E-05	0.00023959	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	3.47056	6.9413E-05	0.0002409	1.05E-03	2.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	3.47576	6.9413E-05	0.00024126	1.05E-03	2.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	3.46633	6.9413E-05	0.00024061	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	3.44127	6.9413E-05	0.00023887	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	3.39997	6.9413E-05	0.000236	1.05E-03	2.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	3.34156	6.9413E-05	0.00023195	1.05E-03	2.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	3.26735	6.9413E-05	0.0002268	1.05E-03	2.37E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	3.65466	6.9413E-05	0.00025368	1.05E-03	2.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	3.67706	6.9413E-05	0.00025524	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	3.70319	6.9413E-05	0.00025705	1.05E-03	2.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	3.68471	6.9413E-05	0.00025577	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	3.67793	6.9413E-05	0.0002553	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	3.62267	6.9413E-05	0.00025146	1.05E-03	2.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	3.54731	6.9413E-05	0.00024623	1.05E-03	2.57E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	3.45415	6.9413E-05	0.00023976	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	3.62006	6.9413E-05	0.00025128	1.05E-03	2.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	3.56902	6.9413E-05	0.00024774	1.05E-03	2.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.33726	6.94E-05	9.28E-05	6.05E-04	5.62E-08	14	4.71E-02	3.71E-08	1,000,000	3.7E-02
2	1.51929	6.9413E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
3	1.75475	6.9413E-05	1.22E-04	6.05E-04	7.37E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
4	2.06114	6.9413E-05	1.43E-04	6.05E-04	8.66E-08	14	4.71E-02	5.71E-08	1,000,000	5.71E-02
5	2.48307	6.9413E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.88E-08	1,000,000	6.88E-02
6	1.31947	6.9413E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
7	1.49666	6.9413E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
8	1.72383	6.9413E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
9	2.02801	6.9413E-05	1.41E-04	6.05E-04	8.52E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
10	2.44124	6.9413E-05	1.69E-04	6.05E-04	1.03E-07	14	4.71E-02	6.77E-08	1,000,000	6.77E-02
11	1.29745	6.9413E-05	9.01E-05	6.05E-04	5.45E-08	14	4.71E-02	3.60E-08	1,000,000	3.60E-02
12	1.47116	6.9413E-05	1.02E-04	6.05E-04	6.18E-08	14	4.71E-02	4.08E-08	1,000,000	4.08E-02
13	1.69509	6.9413E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
14	1.99763	6.9413E-05	1.39E-04	6.05E-04	8.39E-08	14	4.71E-02	5.54E-08	1,000,000	5.54E-02
15	2.40824	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	14	4.71E-02	6.68E-08	1,000,000	6.68E-02
16	1.27698	6.9413E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
17	1.45002	6.9413E-05	1.01E-04	6.05E-04	6.09E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
18	1.67175	6.9413E-05	1.16E-04	6.05E-04	7.02E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
19	1.9648	6.9413E-05	1.36E-04	6.05E-04	8.25E-08	14	4.71E-02	5.45E-08	1,000,000	5.45E-02
20	2.37894	6.9413E-05	1.65E-04	6.05E-04	9.99E-08	14	4.71E-02	6.59E-08	1,000,000	6.59E-02
113	1.13117	6.9413E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
114	1.06862	6.9413E-05	7.42E-05	6.05E-04	4.49E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
115	1.0097	6.9413E-05	7.01E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
116	0.95463	6.9413E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
117	1.16019	6.9413E-05	8.05E-05	6.05E-04	4.87E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
118	1.09279	6.9413E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
119	1.03002	6.9413E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
120	0.97185	6.9413E-05	6.75E-05	6.05E-04	4.08E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
121	1.18795	6.9413E-05	8.25E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
122	1.11585	6.9413E-05	7.75E-05	6.05E-04	4.69E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
123	1.04935	6.9413E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
124	0.98817	6.9413E-05	6.86E-05	6.05E-04	4.15E-08	14	4.71E-02	2.74E-08	1,000,000	2.74E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.43E-05	6.05E-04	5.10E-08	14	4.71E-02	3.37E-08	1,000,000	3.37E-02
126	1.13766	6.9413E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
127	1.06753	6.9413E-05	7.41E-05	6.05E-04	4.48E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
128	1.00341	6.9413E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
129	1.23906	6.9413E-05	8.60E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
130	1.15803	6.9413E-05	8.04E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
131	1.0844	6.9413E-05	7.53E-05	6.05E-04	4.55E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
132	1.01744	6.9413E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
133	1.262	6.9413E-05	8.76E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
134	1.17678	6.9413E-05	8.17E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
135	1.09981	6.9413E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
136	1.03013	6.9413E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
137	1.28294	6.9413E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
138	1.11365	6.9413E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
139	1.04147	6.9413E-05	7.23E-05	6.05E-04	4.37E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
140	1.333	6.9413E-05	9.25E-05	6.05E-04	5.60E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02
141	1.23403	6.9413E-05	8.57E-05	6.05E-04	5.18E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
142	1.14637	6.9413E-05	7.96E-05	6.05E-04	4.81E-08	14	4.71E-02	3.18E-08	1,000,000	3.18E-02
143	1.06836	6.9413E-05	7.42E-05	6.05E-04	4.49E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
144	1.34568	6.9413E-05	9.34E-05	6.05E-04	5.65E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
145	1.2443	6.9413E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
146	1.15484	6.9413E-05	8.02E-05	6.05E-04	4.85E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
147	1.07546	6.9413E-05	7.47E-05	6.05E-04	4.52E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
148	1.35665	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
149	1.25327	6.9413E-05	8.70E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
150	1.1623	6.9413E-05	8.07E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
151	1.08176	6.9413E-05	7.51E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
152	1.366	6.9413E-05	9.48E-05	6.05E-04	5.74E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
153	1.26098	6.9413E-05	8.75E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
154	1.16873	6.9413E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
155	1.08717	6.9413E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
156	1.37365	6.9413E-05	9.53E-05	6.05E-04	5.77E-08	14	4.71E-02	3.81E-08	1,000,000	3.81E-02
157	1.26724	6.9413E-05	8.80E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
159	1.09145	6.9413E-05	7.58E-05	6.05E-04	4.58E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
160	1.37918	6.9413E-05	9.57E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
161	1.27165	6.9413E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
162	1.17739	6.9413E-05	8.17E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
163	1.10081	6.9413E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
164	1.38195	6.9413E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
165	1.27361	6.9413E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
166	1.18692	6.9413E-05	8.24E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
167	1.10298	6.9413E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
168	1.38131	6.9413E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
169	1.27267	6.9413E-05	8.83E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
170	1.18546	6.9413E-05	8.23E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
171	1.10113	6.9413E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
172	1.37696	6.9413E-05	9.56E-05	6.05E-04	5.78E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
173	1.26863	6.9413E-05	8.81E-05	6.05E-04	5.33E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
174	1.18067	6.9413E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
175	1.09668	6.9413E-05	7.61E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
176	1.36891	6.9413E-05	9.50E-05	6.05E-04	5.75E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
177	1.26159	6.9413E-05	8.76E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
178	1.17342	6.9413E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
179	1.09019	6.9413E-05	7.57E-05	6.05E-04	4.58E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
180	1.35716	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
181	1.25653	6.9413E-05	8.72E-05	6.05E-04	5.28E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
182	1.16427	6.9413E-05	8.08E-05	6.05E-04	4.89E-08	14	4.71E-02	3.23E-08	1,000,000	3.23E-02
183	1.0822	6.9413E-05	7.51E-05	6.05E-04	4.55E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
184	1.49665	6.9413E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
185	1.6216	6.9413E-05	1.13E-04	6.05E-04	6.81E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
186	1.48158	6.9413E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
187	1.36041	6.9413E-05	9.44E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
188	1.25965	6.9413E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
189	1.74874	6.9413E-05	1.21E-04	6.05E-04	7.34E-08	14	4.71E-02	4.85E-08	1,000,000	4.85E-02
190	1.59364	6.9413E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
192	1.34208	6.9413E-05	9.32E-05	6.05E-04	5.64E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
193	1.24509	6.9413E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
194	1.7046	6.9413E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
195	1.55782	6.9413E-05	1.08E-04	6.05E-04	6.54E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
196	1.43545	6.9413E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
197	1.3243	6.9413E-05	9.19E-05	6.05E-04	5.56E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
198	1.22579	6.9413E-05	8.51E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
199	1.65095	6.9413E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
200	1.51431	6.9413E-05	1.05E-04	6.05E-04	6.36E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
201	1.39948	6.9413E-05	9.71E-05	6.05E-04	5.88E-08	14	4.71E-02	3.88E-08	1,000,000	3.88E-02
202	1.29462	6.9413E-05	8.99E-05	6.05E-04	5.44E-08	14	4.71E-02	3.59E-08	1,000,000	3.59E-02
203	1.20222	6.9413E-05	8.34E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
204	2.32566	6.9413E-05	1.61E-04	6.05E-04	9.77E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
205	1.59036	6.9413E-05	1.10E-04	6.05E-04	6.68E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
206	1.46422	6.9413E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
207	1.35703	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
208	1.25887	6.9413E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
209	2.18815	6.9413E-05	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
210	1.98424	6.9413E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
211	1.80853	6.9413E-05	1.26E-04	6.05E-04	7.60E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
212	1.65697	6.9413E-05	1.15E-04	6.05E-04	6.96E-08	14	4.71E-02	4.59E-08	1,000,000	4.59E-02
213	1.52506	6.9413E-05	1.06E-04	6.05E-04	6.41E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02
214	1.41117	6.9413E-05	9.80E-05	6.05E-04	5.93E-08	14	4.71E-02	3.91E-08	1,000,000	3.91E-02
215	1.30912	6.9413E-05	9.09E-05	6.05E-04	5.50E-08	14	4.71E-02	3.63E-08	1,000,000	3.63E-02
216	2.31651	6.9413E-05	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
217	2.10288	6.9413E-05	1.46E-04	6.05E-04	8.83E-08	14	4.71E-02	5.83E-08	1,000,000	5.83E-02
218	1.91849	6.9413E-05	1.33E-04	6.05E-04	8.06E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
219	1.75869	6.9413E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
220	1.61861	6.9413E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
221	1.49595	6.9413E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
222	2.13657	6.9413E-05	1.48E-04	6.05E-04	8.97E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
223	1.95191	6.9413E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	1.24E-04	6.05E-04	7.52E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
225	1.65013	6.9413E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.57E-08	1,000,000	4.57E-02
226	1.52399	6.9413E-05	1.06E-04	6.05E-04	6.40E-08	14	4.71E-02	4.22E-08	1,000,000	4.22E-02
227	1.97295	6.9413E-05	1.37E-04	6.05E-04	8.29E-08	14	4.71E-02	5.47E-08	1,000,000	5.47E-02
228	1.81137	6.9413E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
229	1.66367	6.9413E-05	1.15E-04	6.05E-04	6.99E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
230	1.54002	6.9413E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
231	1.82377	6.9413E-05	1.27E-04	6.05E-04	7.66E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
232	1.68354	6.9413E-05	1.17E-04	6.05E-04	7.07E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
233	1.55038	6.9413E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
234	1.44072	6.9413E-05	1.00E-04	6.05E-04	6.05E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
235	1.68922	6.9413E-05	1.17E-04	6.05E-04	7.09E-08	14	4.71E-02	4.68E-08	1,000,000	4.68E-02
236	1.5669	6.9413E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
237	1.44605	6.9413E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
238	1.34942	6.9413E-05	9.37E-05	6.05E-04	5.67E-08	14	4.71E-02	3.74E-08	1,000,000	3.74E-02
239	1.56822	6.9413E-05	1.09E-04	6.05E-04	6.59E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
240	1.45086	6.9413E-05	1.01E-04	6.05E-04	6.09E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
241	1.35307	6.9413E-05	9.39E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
242	1.26616	6.9413E-05	8.79E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
243	2.7862	6.9413E-05	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
244	2.56679	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.12E-08	1,000,000	7.12E-02
245	2.36183	6.9413E-05	1.64E-04	6.05E-04	9.92E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
246	2.17392	6.9413E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
247	2.00229	6.9413E-05	1.39E-04	6.05E-04	8.41E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
248	1.85013	6.9413E-05	1.28E-04	6.05E-04	7.77E-08	14	4.71E-02	5.13E-08	1,000,000	5.13E-02
249	1.71239	6.9413E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
250	2.50001	6.9413E-05	1.74E-04	6.05E-04	1.05E-07	14	4.71E-02	6.93E-08	1,000,000	6.93E-02
251	2.31622	6.9413E-05	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
252	2.14361	6.9413E-05	1.49E-04	6.05E-04	9.00E-08	14	4.71E-02	5.94E-08	1,000,000	5.94E-02
253	1.98414	6.9413E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
254	1.8372	6.9413E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
255	1.70589	6.9413E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
256	1.58175	6.9413E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
258	2.10265	6.9413E-05	1.46E-04	6.05E-04	8.83E-08	14	4.71E-02	5.83E-08	1,000,000	5.83E-02
259	1.95555	6.9413E-05	1.36E-04	6.05E-04	8.21E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
260	1.81896	6.9413E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
261	1.69201	6.9413E-05	1.17E-04	6.05E-04	7.11E-08	14	4.71E-02	4.69E-08	1,000,000	4.69E-02
262	1.57777	6.9413E-05	1.10E-04	6.05E-04	6.63E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
263	1.46868	6.9413E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
264	2.05533	6.9413E-05	1.43E-04	6.05E-04	8.63E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
265	1.91993	6.9413E-05	1.33E-04	6.05E-04	8.06E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
266	1.79277	6.9413E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
267	1.67459	6.9413E-05	1.16E-04	6.05E-04	7.03E-08	14	4.71E-02	4.64E-08	1,000,000	4.64E-02
268	1.56551	6.9413E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
269	1.46484	6.9413E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
270	1.36803	6.9413E-05	9.50E-05	6.05E-04	5.75E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
271	1.87927	6.9413E-05	1.30E-04	6.05E-04	7.89E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
272	1.76187	6.9413E-05	1.22E-04	6.05E-04	7.40E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
273	1.65122	6.9413E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
274	1.54795	6.9413E-05	1.07E-04	6.05E-04	6.50E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02
275	1.45218	6.9413E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
276	1.36383	6.9413E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
277	1.27642	6.9413E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
278	8.9093	6.9413E-05	6.18E-04	6.05E-04	3.74E-07	14	4.71E-02	2.47E-07	1,000,000	2.47E-01
279	8.16494	6.9413E-05	5.67E-04	6.05E-04	3.43E-07	14	4.71E-02	2.26E-07	1,000,000	2.26E-01
280	7.03127	6.9413E-05	4.88E-04	6.05E-04	2.95E-07	14	4.71E-02	1.95E-07	1,000,000	1.95E-01
281	6.56402	6.9413E-05	4.56E-04	6.05E-04	2.76E-07	14	4.71E-02	1.82E-07	1,000,000	1.82E-01
282	6.72638	6.9413E-05	4.67E-04	6.05E-04	2.83E-07	14	4.71E-02	1.86E-07	1,000,000	1.86E-01
283	6.53649	6.9413E-05	4.54E-04	6.05E-04	2.75E-07	14	4.71E-02	1.81E-07	1,000,000	1.81E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
21	1.26068	6.9413E-05	8.75E-05	6.05E-04	5.29E-08	9	4.71E-02	2.27E-08	1,000,000	2.27E-02
22	1.43245	6.9413E-05	9.94E-05	6.05E-04	6.02E-08	9	4.71E-02	2.58E-08	1,000,000	2.58E-02
23	1.65432	6.9413E-05	1.15E-04	6.05E-04	6.95E-08	9	4.71E-02	2.98E-08	1,000,000	2.98E-02
24	1.94736	6.9413E-05	1.35E-04	6.05E-04	8.18E-08	9	4.71E-02	3.51E-08	1,000,000	3.51E-02
25	2.34205	6.9413E-05	1.63E-04	6.05E-04	9.84E-08	9	4.71E-02	4.22E-08	1,000,000	4.22E-02
26	2.32682	6.9413E-05	1.62E-04	6.05E-04	9.77E-08	9	4.71E-02	4.19E-08	1,000,000	4.19E-02
27	2.35622	6.9413E-05	1.64E-04	6.05E-04	9.90E-08	9	4.71E-02	4.25E-08	1,000,000	4.25E-02
28	2.38132	6.9413E-05	1.65E-04	6.05E-04	1.00E-07	9	4.71E-02	4.29E-08	1,000,000	4.29E-02
29	2.40158	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	9	4.71E-02	4.33E-08	1,000,000	4.33E-02
30	2.41676	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	9	4.71E-02	4.35E-08	1,000,000	4.35E-02
31	2.42676	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	9	4.71E-02	4.37E-08	1,000,000	4.37E-02
32	2.43147	6.9413E-05	1.69E-04	6.05E-04	1.02E-07	9	4.71E-02	4.38E-08	1,000,000	4.38E-02
33	2.43073	6.9413E-05	1.69E-04	6.05E-04	1.02E-07	9	4.71E-02	4.38E-08	1,000,000	4.38E-02
34	2.42427	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	9	4.71E-02	4.37E-08	1,000,000	4.37E-02
35	2.41116	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	9	4.71E-02	4.34E-08	1,000,000	4.34E-02
36	2.39143	6.9413E-05	1.66E-04	6.05E-04	1.00E-07	9	4.71E-02	4.31E-08	1,000,000	4.31E-02
37	2.45582	6.9413E-05	1.70E-04	6.05E-04	1.03E-07	9	4.71E-02	4.42E-08	1,000,000	4.42E-02
38	2.48753	6.9413E-05	1.73E-04	6.05E-04	1.04E-07	9	4.71E-02	4.48E-08	1,000,000	4.48E-02
39	2.5144	6.9413E-05	1.75E-04	6.05E-04	1.06E-07	9	4.71E-02	4.53E-08	1,000,000	4.53E-02
40	2.5358	6.9413E-05	1.76E-04	6.05E-04	1.07E-07	9	4.71E-02	4.57E-08	1,000,000	4.57E-02
41	2.55144	6.9413E-05	1.77E-04	6.05E-04	1.07E-07	9	4.71E-02	4.60E-08	1,000,000	4.60E-02
42	2.56118	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	9	4.71E-02	4.61E-08	1,000,000	4.61E-02
43	2.56487	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	9	4.71E-02	4.62E-08	1,000,000	4.62E-02
44	2.56224	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	9	4.71E-02	4.62E-08	1,000,000	4.62E-02
45	2.55298	6.9413E-05	1.77E-04	6.05E-04	1.07E-07	9	4.71E-02	4.60E-08	1,000,000	4.60E-02
46	2.53606	6.9413E-05	1.76E-04	6.05E-04	1.07E-07	9	4.71E-02	4.57E-08	1,000,000	4.57E-02
47	2.51151	6.9413E-05	1.74E-04	6.05E-04	1.05E-07	9	4.71E-02	4.53E-08	1,000,000	4.53E-02
48	2.5969	6.9413E-05	1.80E-04	6.05E-04	1.09E-07	9	4.71E-02	4.68E-08	1,000,000	4.68E-02
49	2.63133	6.9413E-05	1.83E-04	6.05E-04	1.11E-07	9	4.71E-02	4.74E-08	1,000,000	4.74E-02
50	2.66029	6.9413E-05	1.85E-04	6.05E-04	1.12E-07	9	4.71E-02	4.79E-08	1,000,000	4.79E-02
51	2.68304	6.9413E-05	1.86E-04	6.05E-04	1.13E-07	9	4.71E-02	4.83E-08	1,000,000	4.83E-02
52	2.6992	6.9413E-05	1.87E-04	6.05E-04	1.13E-07	9	4.71E-02	4.86E-08	1,000,000	4.86E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	9	4.71E-02	4.88E-08	1,000,000	4.88E-02
54	2.71093	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	9	4.71E-02	4.88E-08	1,000,000	4.88E-02
55	2.70592	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	9	4.71E-02	4.88E-08	1,000,000	4.88E-02
56	2.69313	6.9413E-05	1.87E-04	6.05E-04	1.13E-07	9	4.71E-02	4.85E-08	1,000,000	4.85E-02
57	2.67144	6.9413E-05	1.85E-04	6.05E-04	1.12E-07	9	4.71E-02	4.81E-08	1,000,000	4.81E-02
58	2.64092	6.9413E-05	1.83E-04	6.05E-04	1.11E-07	9	4.71E-02	4.76E-08	1,000,000	4.76E-02
59	2.75184	6.9413E-05	1.91E-04	6.05E-04	1.16E-07	9	4.71E-02	4.96E-08	1,000,000	4.96E-02
60	2.78953	6.9413E-05	1.94E-04	6.05E-04	1.17E-07	9	4.71E-02	5.03E-08	1,000,000	5.03E-02
61	2.821	6.9413E-05	1.96E-04	6.05E-04	1.18E-07	9	4.71E-02	5.08E-08	1,000,000	5.08E-02
62	2.84535	6.9413E-05	1.98E-04	6.05E-04	1.20E-07	9	4.71E-02	5.13E-08	1,000,000	5.13E-02
63	2.86211	6.9413E-05	1.99E-04	6.05E-04	1.20E-07	9	4.71E-02	5.16E-08	1,000,000	5.16E-02
64	2.87096	6.9413E-05	1.99E-04	6.05E-04	1.21E-07	9	4.71E-02	5.17E-08	1,000,000	5.17E-02
65	2.87158	6.9413E-05	1.99E-04	6.05E-04	1.21E-07	9	4.71E-02	5.17E-08	1,000,000	5.17E-02
66	2.86348	6.9413E-05	1.99E-04	6.05E-04	1.20E-07	9	4.71E-02	5.16E-08	1,000,000	5.16E-02
67	2.84616	6.9413E-05	1.98E-04	6.05E-04	1.20E-07	9	4.71E-02	5.13E-08	1,000,000	5.13E-02
68	2.81843	6.9413E-05	1.96E-04	6.05E-04	1.18E-07	9	4.71E-02	5.08E-08	1,000,000	5.08E-02
69	2.78046	6.9413E-05	1.93E-04	6.05E-04	1.17E-07	9	4.71E-02	5.01E-08	1,000,000	5.01E-02
70	2.92281	6.9413E-05	2.03E-04	6.05E-04	1.23E-07	9	4.71E-02	5.27E-08	1,000,000	5.27E-02
71	2.96447	6.9413E-05	2.06E-04	6.05E-04	1.25E-07	9	4.71E-02	5.34E-08	1,000,000	5.34E-02
72	2.99901	6.9413E-05	2.08E-04	6.05E-04	1.26E-07	9	4.71E-02	5.40E-08	1,000,000	5.40E-02
73	3.0253	6.9413E-05	2.10E-04	6.05E-04	1.27E-07	9	4.71E-02	5.45E-08	1,000,000	5.45E-02
74	3.04271	6.9413E-05	2.11E-04	6.05E-04	1.28E-07	9	4.71E-02	5.48E-08	1,000,000	5.48E-02
75	3.05081	6.9413E-05	2.12E-04	6.05E-04	1.28E-07	9	4.71E-02	5.50E-08	1,000,000	5.50E-02
76	3.04909	6.9413E-05	2.12E-04	6.05E-04	1.28E-07	9	4.71E-02	5.49E-08	1,000,000	5.49E-02
77	3.03693	6.9413E-05	2.11E-04	6.05E-04	1.28E-07	9	4.71E-02	5.47E-08	1,000,000	5.47E-02
78	3.01374	6.9413E-05	2.09E-04	6.05E-04	1.27E-07	9	4.71E-02	5.43E-08	1,000,000	5.43E-02
79	2.97828	6.9413E-05	2.07E-04	6.05E-04	1.25E-07	9	4.71E-02	5.37E-08	1,000,000	5.37E-02
80	2.93092	6.9413E-05	2.03E-04	6.05E-04	1.23E-07	9	4.71E-02	5.28E-08	1,000,000	5.28E-02
81	3.11252	6.9413E-05	2.16E-04	6.05E-04	1.31E-07	9	4.71E-02	5.61E-08	1,000,000	5.61E-02
82	3.15909	6.9413E-05	2.19E-04	6.05E-04	1.33E-07	9	4.71E-02	5.69E-08	1,000,000	5.69E-02
83	3.19742	6.9413E-05	2.22E-04	6.05E-04	1.34E-07	9	4.71E-02	5.76E-08	1,000,000	5.76E-02
84	3.22607	6.9413E-05	2.24E-04	6.05E-04	1.35E-07	9	4.71E-02	5.81E-08	1,000,000	5.81E-02
85	3.24419	6.9413E-05	2.25E-04	6.05E-04	1.36E-07	9	4.71E-02	5.85E-08	1,000,000	5.85E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	2.26E-04	6.05E-04	1.37E-07	9	4.71E-02	5.86E-08	1,000,000	5.86E-02
87	3.24623	6.9413E-05	2.25E-04	6.05E-04	1.36E-07	9	4.71E-02	5.85E-08	1,000,000	5.85E-02
88	3.22863	6.9413E-05	2.24E-04	6.05E-04	1.36E-07	9	4.71E-02	5.82E-08	1,000,000	5.82E-02
89	3.19768	6.9413E-05	2.22E-04	6.05E-04	1.34E-07	9	4.71E-02	5.76E-08	1,000,000	5.76E-02
90	3.15225	6.9413E-05	2.19E-04	6.05E-04	1.32E-07	9	4.71E-02	5.68E-08	1,000,000	5.68E-02
91	3.09304	6.9413E-05	2.15E-04	6.05E-04	1.30E-07	9	4.71E-02	5.57E-08	1,000,000	5.57E-02
92	3.32437	6.9413E-05	2.31E-04	6.05E-04	1.40E-07	9	4.71E-02	5.99E-08	1,000,000	5.99E-02
93	3.37711	6.9413E-05	2.34E-04	6.05E-04	1.42E-07	9	4.71E-02	6.08E-08	1,000,000	6.08E-02
94	3.42019	6.9413E-05	2.37E-04	6.05E-04	1.44E-07	9	4.71E-02	6.16E-08	1,000,000	6.16E-02
95	3.45173	6.9413E-05	2.40E-04	6.05E-04	1.45E-07	9	4.71E-02	6.22E-08	1,000,000	6.22E-02
96	3.47056	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	9	4.71E-02	6.25E-08	1,000,000	6.25E-02
97	3.47576	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	9	4.71E-02	6.26E-08	1,000,000	6.26E-02
98	3.46633	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	9	4.71E-02	6.25E-08	1,000,000	6.25E-02
99	3.44127	6.9413E-05	2.39E-04	6.05E-04	1.45E-07	9	4.71E-02	6.20E-08	1,000,000	6.20E-02
100	3.39997	6.9413E-05	2.36E-04	6.05E-04	1.43E-07	9	4.71E-02	6.13E-08	1,000,000	6.13E-02
101	3.34156	6.9413E-05	2.32E-04	6.05E-04	1.40E-07	9	4.71E-02	6.02E-08	1,000,000	6.02E-02
102	3.26735	6.9413E-05	2.27E-04	6.05E-04	1.37E-07	9	4.71E-02	5.89E-08	1,000,000	5.89E-02
103	3.65466	6.9413E-05	2.54E-04	6.05E-04	1.53E-07	9	4.71E-02	6.58E-08	1,000,000	6.58E-02
104	3.67706	6.9413E-05	2.55E-04	6.05E-04	1.54E-07	9	4.71E-02	6.63E-08	1,000,000	6.63E-02
105	3.70319	6.9413E-05	2.57E-04	6.05E-04	1.56E-07	9	4.71E-02	6.67E-08	1,000,000	6.67E-02
106	3.68471	6.9413E-05	2.56E-04	6.05E-04	1.55E-07	9	4.71E-02	6.64E-08	1,000,000	6.64E-02
107	3.67793	6.9413E-05	2.55E-04	6.05E-04	1.54E-07	9	4.71E-02	6.63E-08	1,000,000	6.63E-02
108	3.62267	6.9413E-05	2.51E-04	6.05E-04	1.52E-07	9	4.71E-02	6.53E-08	1,000,000	6.53E-02
109	3.54731	6.9413E-05	2.46E-04	6.05E-04	1.49E-07	9	4.71E-02	6.39E-08	1,000,000	6.39E-02
110	3.45415	6.9413E-05	2.40E-04	6.05E-04	1.45E-07	9	4.71E-02	6.22E-08	1,000,000	6.22E-02
111	3.62006	6.9413E-05	2.51E-04	6.05E-04	1.52E-07	9	4.71E-02	6.52E-08	1,000,000	6.52E-02
112	3.56902	6.9413E-05	2.48E-04	6.05E-04	1.50E-07	9	4.71E-02	6.43E-08	1,000,000	6.43E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.33726	6.94E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1000000.0	3.7E-03
2	1.51929	6.9413E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
3	1.75475	6.9413E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03
4	2.06114	6.9413E-05	1.43E-04	2.50E-04	3.58E-08	14	1.15E-02	5.75E-09	1,000,000	5.75E-03
5	2.48307	6.9413E-05	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
6	1.31947	6.9413E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
7	1.49666	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
8	1.72383	6.9413E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
9	2.02801	6.9413E-05	1.41E-04	2.50E-04	3.52E-08	14	1.15E-02	5.66E-09	1,000,000	5.66E-03
10	2.44124	6.9413E-05	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
11	1.29745	6.9413E-05	9.01E-05	2.50E-04	2.25E-08	14	1.15E-02	3.62E-09	1,000,000	3.62E-03
12	1.47116	6.9413E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
13	1.69509	6.9413E-05	1.18E-04	2.50E-04	2.94E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
14	1.99763	6.9413E-05	1.39E-04	2.50E-04	3.47E-08	14	1.15E-02	5.57E-09	1,000,000	5.57E-03
15	2.40824	6.9413E-05	1.67E-04	2.50E-04	4.18E-08	14	1.15E-02	6.72E-09	1,000,000	6.72E-03
16	1.27698	6.9413E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
17	1.45002	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
18	1.67175	6.9413E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
19	1.9648	6.9413E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.48E-09	1,000,000	5.48E-03
20	2.37894	6.9413E-05	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
113	1.13117	6.9413E-05	7.85E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
114	1.06862	6.9413E-05	7.42E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
115	1.0097	6.9413E-05	7.01E-05	2.50E-04	1.75E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
116	0.95463	6.9413E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
117	1.16019	6.9413E-05	8.05E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
118	1.09279	6.9413E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
119	1.03002	6.9413E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
120	0.97185	6.9413E-05	6.75E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
121	1.18795	6.9413E-05	8.25E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
122	1.11585	6.9413E-05	7.75E-05	2.50E-04	1.94E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
123	1.04935	6.9413E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
124	0.98817	6.9413E-05	6.86E-05	2.50E-04	1.72E-08	14	1.15E-02	2.76E-09	1,000,000	2.76E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.43E-05	2.50E-04	2.11E-08	14	1.15E-02	3.39E-09	1,000,000	3.39E-03
126	1.13766	6.9413E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
127	1.06753	6.9413E-05	7.41E-05	2.50E-04	1.85E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
128	1.00341	6.9413E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
129	1.23906	6.9413E-05	8.60E-05	2.50E-04	2.15E-08	14	1.15E-02	3.46E-09	1,000,000	3.46E-03
130	1.15803	6.9413E-05	8.04E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
131	1.0844	6.9413E-05	7.53E-05	2.50E-04	1.88E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
132	1.01744	6.9413E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
133	1.262	6.9413E-05	8.76E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
134	1.17678	6.9413E-05	8.17E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
135	1.09981	6.9413E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
136	1.03013	6.9413E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
137	1.28294	6.9413E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
138	1.11365	6.9413E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
139	1.04147	6.9413E-05	7.23E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
140	1.333	6.9413E-05	9.25E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
141	1.23403	6.9413E-05	8.57E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
142	1.14637	6.9413E-05	7.96E-05	2.50E-04	1.99E-08	14	1.15E-02	3.20E-09	1,000,000	3.20E-03
143	1.06836	6.9413E-05	7.42E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
144	1.34568	6.9413E-05	9.34E-05	2.50E-04	2.34E-08	14	1.15E-02	3.75E-09	1,000,000	3.75E-03
145	1.2443	6.9413E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
146	1.15484	6.9413E-05	8.02E-05	2.50E-04	2.01E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
147	1.07546	6.9413E-05	7.47E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
148	1.35665	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
149	1.25327	6.9413E-05	8.70E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
150	1.1623	6.9413E-05	8.07E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
151	1.08176	6.9413E-05	7.51E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
152	1.366	6.9413E-05	9.48E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
153	1.26098	6.9413E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
154	1.16873	6.9413E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
155	1.08717	6.9413E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
156	1.37365	6.9413E-05	9.53E-05	2.50E-04	2.39E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
157	1.26724	6.9413E-05	8.80E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
159	1.09145	6.9413E-05	7.58E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
160	1.37918	6.9413E-05	9.57E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
161	1.27165	6.9413E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
162	1.17739	6.9413E-05	8.17E-05	2.50E-04	2.05E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
163	1.10081	6.9413E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
164	1.38195	6.9413E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
165	1.27361	6.9413E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
166	1.18692	6.9413E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
167	1.10298	6.9413E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
168	1.38131	6.9413E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
169	1.27267	6.9413E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
170	1.18546	6.9413E-05	8.23E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
171	1.10113	6.9413E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
172	1.37696	6.9413E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
173	1.26863	6.9413E-05	8.81E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
174	1.18067	6.9413E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
175	1.09668	6.9413E-05	7.61E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
176	1.36891	6.9413E-05	9.50E-05	2.50E-04	2.38E-08	14	1.15E-02	3.82E-09	1,000,000	3.82E-03
177	1.26159	6.9413E-05	8.76E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
178	1.17342	6.9413E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
179	1.09019	6.9413E-05	7.57E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
180	1.35716	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
181	1.25653	6.9413E-05	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
182	1.16427	6.9413E-05	8.08E-05	2.50E-04	2.02E-08	14	1.15E-02	3.25E-09	1,000,000	3.25E-03
183	1.0822	6.9413E-05	7.51E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
184	1.49665	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
185	1.6216	6.9413E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
186	1.48158	6.9413E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
187	1.36041	6.9413E-05	9.44E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
188	1.25965	6.9413E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
189	1.74874	6.9413E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03
190	1.59364	6.9413E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
192	1.34208	6.9413E-05	9.32E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
193	1.24509	6.9413E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
194	1.7046	6.9413E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
195	1.55782	6.9413E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
196	1.43545	6.9413E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
197	1.3243	6.9413E-05	9.19E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
198	1.22579	6.9413E-05	8.51E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
199	1.65095	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
200	1.51431	6.9413E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
201	1.39948	6.9413E-05	9.71E-05	2.50E-04	2.43E-08	14	1.15E-02	3.90E-09	1,000,000	3.90E-03
202	1.29462	6.9413E-05	8.99E-05	2.50E-04	2.25E-08	14	1.15E-02	3.61E-09	1,000,000	3.61E-03
203	1.20222	6.9413E-05	8.34E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
204	2.32566	6.9413E-05	1.61E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
205	1.59036	6.9413E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
206	1.46422	6.9413E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
207	1.35703	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
208	1.25887	6.9413E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
209	2.18815	6.9413E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
210	1.98424	6.9413E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
211	1.80853	6.9413E-05	1.26E-04	2.50E-04	3.14E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
212	1.65697	6.9413E-05	1.15E-04	2.50E-04	2.88E-08	14	1.15E-02	4.62E-09	1,000,000	4.62E-03
213	1.52506	6.9413E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
214	1.41117	6.9413E-05	9.80E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
215	1.30912	6.9413E-05	9.09E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
216	2.31651	6.9413E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.46E-09	1,000,000	6.46E-03
217	2.10288	6.9413E-05	1.46E-04	2.50E-04	3.65E-08	14	1.15E-02	5.87E-09	1,000,000	5.87E-03
218	1.91849	6.9413E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
219	1.75869	6.9413E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
220	1.61861	6.9413E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
221	1.49595	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
222	2.13657	6.9413E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.96E-09	1,000,000	5.96E-03
223	1.95191	6.9413E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
225	1.65013	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.60E-09	1,000,000	4.60E-03
226	1.52399	6.9413E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
227	1.97295	6.9413E-05	1.37E-04	2.50E-04	3.43E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
228	1.81137	6.9413E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
229	1.66367	6.9413E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
230	1.54002	6.9413E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
231	1.82377	6.9413E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.09E-09	1,000,000	5.09E-03
232	1.68354	6.9413E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
233	1.55038	6.9413E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
234	1.44072	6.9413E-05	1.00E-04	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
235	1.68922	6.9413E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.71E-09	1,000,000	4.71E-03
236	1.5669	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
237	1.44605	6.9413E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
238	1.34942	6.9413E-05	9.37E-05	2.50E-04	2.34E-08	14	1.15E-02	3.76E-09	1,000,000	3.76E-03
239	1.56822	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.38E-09	1,000,000	4.38E-03
240	1.45086	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
241	1.35307	6.9413E-05	9.39E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
242	1.26616	6.9413E-05	8.79E-05	2.50E-04	2.20E-08	14	1.15E-02	3.53E-09	1,000,000	3.53E-03
243	2.7862	6.9413E-05	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
244	2.56679	6.9413E-05	1.78E-04	2.50E-04	4.46E-08	14	1.15E-02	7.16E-09	1,000,000	7.16E-03
245	2.36183	6.9413E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
246	2.17392	6.9413E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
247	2.00229	6.9413E-05	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.59E-09	1,000,000	5.59E-03
248	1.85013	6.9413E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.16E-09	1,000,000	5.16E-03
249	1.71239	6.9413E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
250	2.50001	6.9413E-05	1.74E-04	2.50E-04	4.34E-08	14	1.15E-02	6.97E-09	1,000,000	6.97E-03
251	2.31622	6.9413E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.46E-09	1,000,000	6.46E-03
252	2.14361	6.9413E-05	1.49E-04	2.50E-04	3.72E-08	14	1.15E-02	5.98E-09	1,000,000	5.98E-03
253	1.98414	6.9413E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
254	1.8372	6.9413E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
255	1.70589	6.9413E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
256	1.58175	6.9413E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
258	2.10265	6.9413E-05	1.46E-04	2.50E-04	3.65E-08	14	1.15E-02	5.87E-09	1,000,000	5.87E-03
259	1.95555	6.9413E-05	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.46E-09	1,000,000	5.46E-03
260	1.81896	6.9413E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
261	1.69201	6.9413E-05	1.17E-04	2.50E-04	2.94E-08	14	1.15E-02	4.72E-09	1,000,000	4.72E-03
262	1.57777	6.9413E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
263	1.46868	6.9413E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
264	2.05533	6.9413E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
265	1.91993	6.9413E-05	1.33E-04	2.50E-04	3.34E-08	14	1.15E-02	5.36E-09	1,000,000	5.36E-03
266	1.79277	6.9413E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
267	1.67459	6.9413E-05	1.16E-04	2.50E-04	2.91E-08	14	1.15E-02	4.67E-09	1,000,000	4.67E-03
268	1.56551	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
269	1.46484	6.9413E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
270	1.36803	6.9413E-05	9.50E-05	2.50E-04	2.38E-08	14	1.15E-02	3.82E-09	1,000,000	3.82E-03
271	1.87927	6.9413E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
272	1.76187	6.9413E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.92E-09	1,000,000	4.92E-03
273	1.65122	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
274	1.54795	6.9413E-05	1.07E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03
275	1.45218	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
276	1.36383	6.9413E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
277	1.27642	6.9413E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
278	8.9093	6.9413E-05	6.18E-04	2.50E-04	1.55E-07	14	1.15E-02	2.49E-08	1,000,000	2.49E-02
279	8.16494	6.9413E-05	5.67E-04	2.50E-04	1.42E-07	14	1.15E-02	2.28E-08	1,000,000	2.28E-02
280	7.03127	6.9413E-05	4.88E-04	2.50E-04	1.22E-07	14	1.15E-02	1.96E-08	1,000,000	1.96E-02
281	6.56402	6.9413E-05	4.56E-04	2.50E-04	1.14E-07	14	1.15E-02	1.83E-08	1,000,000	1.83E-02
282	6.72638	6.9413E-05	4.67E-04	2.50E-04	1.17E-07	14	1.15E-02	1.88E-08	1,000,000	1.88E-02
283	6.53649	6.9413E-05	4.54E-04	2.50E-04	1.14E-07	14	1.15E-02	1.82E-08	1,000,000	1.82E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
21	1.26068	6.9413E-05	8.75E-05	2.50E-04	2.19E-08	29	1.15E-02	7.37E-09	1,000,000	7.37E-03
22	1.43245	6.9413E-05	9.94E-05	2.50E-04	2.49E-08	29	1.15E-02	8.38E-09	1,000,000	8.38E-03
23	1.65432	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	29	1.15E-02	9.68E-09	1,000,000	9.68E-03
24	1.94736	6.9413E-05	1.35E-04	2.50E-04	3.38E-08	29	1.15E-02	1.14E-08	1,000,000	1.14E-02
25	2.34205	6.9413E-05	1.63E-04	2.50E-04	4.07E-08	29	1.15E-02	1.37E-08	1,000,000	1.37E-02
26	2.32682	6.9413E-05	1.62E-04	2.50E-04	4.04E-08	29	1.15E-02	1.36E-08	1,000,000	1.36E-02
27	2.35622	6.9413E-05	1.64E-04	2.50E-04	4.09E-08	29	1.15E-02	1.38E-08	1,000,000	1.38E-02
28	2.38132	6.9413E-05	1.65E-04	2.50E-04	4.14E-08	29	1.15E-02	1.39E-08	1,000,000	1.39E-02
29	2.40158	6.9413E-05	1.67E-04	2.50E-04	4.17E-08	29	1.15E-02	1.40E-08	1,000,000	1.40E-02
30	2.41676	6.9413E-05	1.68E-04	2.50E-04	4.20E-08	29	1.15E-02	1.41E-08	1,000,000	1.41E-02
31	2.42676	6.9413E-05	1.68E-04	2.50E-04	4.22E-08	29	1.15E-02	1.42E-08	1,000,000	1.42E-02
32	2.43147	6.9413E-05	1.69E-04	2.50E-04	4.22E-08	29	1.15E-02	1.42E-08	1,000,000	1.42E-02
33	2.43073	6.9413E-05	1.69E-04	2.50E-04	4.22E-08	29	1.15E-02	1.42E-08	1,000,000	1.42E-02
34	2.42427	6.9413E-05	1.68E-04	2.50E-04	4.21E-08	29	1.15E-02	1.42E-08	1,000,000	1.42E-02
35	2.41116	6.9413E-05	1.67E-04	2.50E-04	4.19E-08	29	1.15E-02	1.41E-08	1,000,000	1.41E-02
36	2.39143	6.9413E-05	1.66E-04	2.50E-04	4.15E-08	29	1.15E-02	1.40E-08	1,000,000	1.40E-02
37	2.45582	6.9413E-05	1.70E-04	2.50E-04	4.27E-08	29	1.15E-02	1.44E-08	1,000,000	1.44E-02
38	2.48753	6.9413E-05	1.73E-04	2.50E-04	4.32E-08	29	1.15E-02	1.45E-08	1,000,000	1.45E-02
39	2.5144	6.9413E-05	1.75E-04	2.50E-04	4.37E-08	29	1.15E-02	1.47E-08	1,000,000	1.47E-02
40	2.5358	6.9413E-05	1.76E-04	2.50E-04	4.41E-08	29	1.15E-02	1.48E-08	1,000,000	1.48E-02
41	2.55144	6.9413E-05	1.77E-04	2.50E-04	4.43E-08	29	1.15E-02	1.49E-08	1,000,000	1.49E-02
42	2.56118	6.9413E-05	1.78E-04	2.50E-04	4.45E-08	29	1.15E-02	1.50E-08	1,000,000	1.50E-02
43	2.56487	6.9413E-05	1.78E-04	2.50E-04	4.46E-08	29	1.15E-02	1.50E-08	1,000,000	1.50E-02
44	2.56224	6.9413E-05	1.78E-04	2.50E-04	4.45E-08	29	1.15E-02	1.50E-08	1,000,000	1.50E-02
45	2.55298	6.9413E-05	1.77E-04	2.50E-04	4.44E-08	29	1.15E-02	1.49E-08	1,000,000	1.49E-02
46	2.53606	6.9413E-05	1.76E-04	2.50E-04	4.41E-08	29	1.15E-02	1.48E-08	1,000,000	1.48E-02
47	2.51151	6.9413E-05	1.74E-04	2.50E-04	4.36E-08	29	1.15E-02	1.47E-08	1,000,000	1.47E-02
48	2.5969	6.9413E-05	1.80E-04	2.50E-04	4.51E-08	29	1.15E-02	1.52E-08	1,000,000	1.52E-02
49	2.63133	6.9413E-05	1.83E-04	2.50E-04	4.57E-08	29	1.15E-02	1.54E-08	1,000,000	1.54E-02
50	2.66029	6.9413E-05	1.85E-04	2.50E-04	4.62E-08	29	1.15E-02	1.56E-08	1,000,000	1.56E-02
51	2.68304	6.9413E-05	1.86E-04	2.50E-04	4.66E-08	29	1.15E-02	1.57E-08	1,000,000	1.57E-02
52	2.6992	6.9413E-05	1.87E-04	2.50E-04	4.69E-08	29	1.15E-02	1.58E-08	1,000,000	1.58E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	1.88E-04	2.50E-04	4.71E-08	29	1.15E-02	1.58E-08	1,000,000	1.58E-02
54	2.71093	6.9413E-05	1.88E-04	2.50E-04	4.71E-08	29	1.15E-02	1.59E-08	1,000,000	1.59E-02
55	2.70592	6.9413E-05	1.88E-04	2.50E-04	4.70E-08	29	1.15E-02	1.58E-08	1,000,000	1.58E-02
56	2.69313	6.9413E-05	1.87E-04	2.50E-04	4.68E-08	29	1.15E-02	1.58E-08	1,000,000	1.58E-02
57	2.67144	6.9413E-05	1.85E-04	2.50E-04	4.64E-08	29	1.15E-02	1.56E-08	1,000,000	1.56E-02
58	2.64092	6.9413E-05	1.83E-04	2.50E-04	4.59E-08	29	1.15E-02	1.54E-08	1,000,000	1.54E-02
59	2.75184	6.9413E-05	1.91E-04	2.50E-04	4.78E-08	29	1.15E-02	1.61E-08	1,000,000	1.61E-02
60	2.78953	6.9413E-05	1.94E-04	2.50E-04	4.85E-08	29	1.15E-02	1.63E-08	1,000,000	1.63E-02
61	2.821	6.9413E-05	1.96E-04	2.50E-04	4.90E-08	29	1.15E-02	1.65E-08	1,000,000	1.65E-02
62	2.84535	6.9413E-05	1.98E-04	2.50E-04	4.94E-08	29	1.15E-02	1.66E-08	1,000,000	1.66E-02
63	2.86211	6.9413E-05	1.99E-04	2.50E-04	4.97E-08	29	1.15E-02	1.67E-08	1,000,000	1.67E-02
64	2.87096	6.9413E-05	1.99E-04	2.50E-04	4.99E-08	29	1.15E-02	1.68E-08	1,000,000	1.68E-02
65	2.87158	6.9413E-05	1.99E-04	2.50E-04	4.99E-08	29	1.15E-02	1.68E-08	1,000,000	1.68E-02
66	2.86348	6.9413E-05	1.99E-04	2.50E-04	4.97E-08	29	1.15E-02	1.67E-08	1,000,000	1.67E-02
67	2.84616	6.9413E-05	1.98E-04	2.50E-04	4.94E-08	29	1.15E-02	1.66E-08	1,000,000	1.66E-02
68	2.81843	6.9413E-05	1.96E-04	2.50E-04	4.90E-08	29	1.15E-02	1.65E-08	1,000,000	1.65E-02
69	2.78046	6.9413E-05	1.93E-04	2.50E-04	4.83E-08	29	1.15E-02	1.63E-08	1,000,000	1.63E-02
70	2.92281	6.9413E-05	2.03E-04	2.50E-04	5.08E-08	29	1.15E-02	1.71E-08	1,000,000	1.71E-02
71	2.96447	6.9413E-05	2.06E-04	2.50E-04	5.15E-08	29	1.15E-02	1.73E-08	1,000,000	1.73E-02
72	2.99901	6.9413E-05	2.08E-04	2.50E-04	5.21E-08	29	1.15E-02	1.75E-08	1,000,000	1.75E-02
73	3.0253	6.9413E-05	2.10E-04	2.50E-04	5.26E-08	29	1.15E-02	1.77E-08	1,000,000	1.77E-02
74	3.04271	6.9413E-05	2.11E-04	2.50E-04	5.29E-08	29	1.15E-02	1.78E-08	1,000,000	1.78E-02
75	3.05081	6.9413E-05	2.12E-04	2.50E-04	5.30E-08	29	1.15E-02	1.78E-08	1,000,000	1.78E-02
76	3.04909	6.9413E-05	2.12E-04	2.50E-04	5.30E-08	29	1.15E-02	1.78E-08	1,000,000	1.78E-02
77	3.03693	6.9413E-05	2.11E-04	2.50E-04	5.28E-08	29	1.15E-02	1.78E-08	1,000,000	1.78E-02
78	3.01374	6.9413E-05	2.09E-04	2.50E-04	5.24E-08	29	1.15E-02	1.76E-08	1,000,000	1.76E-02
79	2.97828	6.9413E-05	2.07E-04	2.50E-04	5.17E-08	29	1.15E-02	1.74E-08	1,000,000	1.74E-02
80	2.93092	6.9413E-05	2.03E-04	2.50E-04	5.09E-08	29	1.15E-02	1.71E-08	1,000,000	1.71E-02
81	3.11252	6.9413E-05	2.16E-04	2.50E-04	5.41E-08	29	1.15E-02	1.82E-08	1,000,000	1.82E-02
82	3.15909	6.9413E-05	2.19E-04	2.50E-04	5.49E-08	29	1.15E-02	1.85E-08	1,000,000	1.85E-02
83	3.19742	6.9413E-05	2.22E-04	2.50E-04	5.55E-08	29	1.15E-02	1.87E-08	1,000,000	1.87E-02
84	3.22607	6.9413E-05	2.24E-04	2.50E-04	5.60E-08	29	1.15E-02	1.89E-08	1,000,000	1.89E-02
85	3.24419	6.9413E-05	2.25E-04	2.50E-04	5.64E-08	29	1.15E-02	1.90E-08	1,000,000	1.90E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	2.26E-04	2.50E-04	5.65E-08	29	1.15E-02	1.90E-08	1,000,000	1.90E-02
87	3.24623	6.9413E-05	2.25E-04	2.50E-04	5.64E-08	29	1.15E-02	1.90E-08	1,000,000	1.90E-02
88	3.22863	6.9413E-05	2.24E-04	2.50E-04	5.61E-08	29	1.15E-02	1.89E-08	1,000,000	1.89E-02
89	3.19768	6.9413E-05	2.22E-04	2.50E-04	5.56E-08	29	1.15E-02	1.87E-08	1,000,000	1.87E-02
90	3.15225	6.9413E-05	2.19E-04	2.50E-04	5.48E-08	29	1.15E-02	1.84E-08	1,000,000	1.84E-02
91	3.09304	6.9413E-05	2.15E-04	2.50E-04	5.37E-08	29	1.15E-02	1.81E-08	1,000,000	1.81E-02
92	3.32437	6.9413E-05	2.31E-04	2.50E-04	5.78E-08	29	1.15E-02	1.94E-08	1,000,000	1.94E-02
93	3.37711	6.9413E-05	2.34E-04	2.50E-04	5.87E-08	29	1.15E-02	1.98E-08	1,000,000	1.98E-02
94	3.42019	6.9413E-05	2.37E-04	2.50E-04	5.94E-08	29	1.15E-02	2.00E-08	1,000,000	2.00E-02
95	3.45173	6.9413E-05	2.40E-04	2.50E-04	6.00E-08	29	1.15E-02	2.02E-08	1,000,000	2.02E-02
96	3.47056	6.9413E-05	2.41E-04	2.50E-04	6.03E-08	29	1.15E-02	2.03E-08	1,000,000	2.03E-02
97	3.47576	6.9413E-05	2.41E-04	2.50E-04	6.04E-08	29	1.15E-02	2.03E-08	1,000,000	2.03E-02
98	3.46633	6.9413E-05	2.41E-04	2.50E-04	6.02E-08	29	1.15E-02	2.03E-08	1,000,000	2.03E-02
99	3.44127	6.9413E-05	2.39E-04	2.50E-04	5.98E-08	29	1.15E-02	2.01E-08	1,000,000	2.01E-02
100	3.39997	6.9413E-05	2.36E-04	2.50E-04	5.91E-08	29	1.15E-02	1.99E-08	1,000,000	1.99E-02
101	3.34156	6.9413E-05	2.32E-04	2.50E-04	5.81E-08	29	1.15E-02	1.95E-08	1,000,000	1.95E-02
102	3.26735	6.9413E-05	2.27E-04	2.50E-04	5.68E-08	29	1.15E-02	1.91E-08	1,000,000	1.91E-02
103	3.65466	6.9413E-05	2.54E-04	2.50E-04	6.35E-08	29	1.15E-02	2.14E-08	1,000,000	2.14E-02
104	3.67706	6.9413E-05	2.55E-04	2.50E-04	6.39E-08	29	1.15E-02	2.15E-08	1,000,000	2.15E-02
105	3.70319	6.9413E-05	2.57E-04	2.50E-04	6.43E-08	29	1.15E-02	2.17E-08	1,000,000	2.17E-02
106	3.68471	6.9413E-05	2.56E-04	2.50E-04	6.40E-08	29	1.15E-02	2.16E-08	1,000,000	2.16E-02
107	3.67793	6.9413E-05	2.55E-04	2.50E-04	6.39E-08	29	1.15E-02	2.15E-08	1,000,000	2.15E-02
108	3.62267	6.9413E-05	2.51E-04	2.50E-04	6.29E-08	29	1.15E-02	2.12E-08	1,000,000	2.12E-02
109	3.54731	6.9413E-05	2.46E-04	2.50E-04	6.16E-08	29	1.15E-02	2.07E-08	1,000,000	2.07E-02
110	3.45415	6.9413E-05	2.40E-04	2.50E-04	6.00E-08	29	1.15E-02	2.02E-08	1,000,000	2.02E-02
111	3.62006	6.9413E-05	2.51E-04	2.50E-04	6.29E-08	29	1.15E-02	2.12E-08	1,000,000	2.12E-02
112	3.56902	6.9413E-05	2.48E-04	2.50E-04	6.20E-08	29	1.15E-02	2.09E-08	1,000,000	2.09E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	6.1E-02	School	0.0667	105	5	5.57E-05	0.00015	105	School
2	7.0E-02	Res	0.4089	278	5	6.33E-05	0.0004	278	Res
3	8.1E-02	Teachers	0.022	105	5	7.31E-05	0.00015	105	Teachers
4	9.5E-02				5	8.58E-05			
5	1.1E-01				5	1.03E-04			
6	6.1E-02				5	5.50E-05			
7	6.9E-02				5	6.23E-05			
8	7.9E-02				5	7.18E-05			
9	9.3E-02				5	8.45E-05			
10	1.1E-01				5	1.02E-04			
11	6.0E-02				5	5.40E-05			
12	6.8E-02				5	6.13E-05			
13	7.8E-02				5	7.06E-05			
14	9.2E-02				5	8.32E-05			
15	1.1E-01				5	1.00E-04			
16	5.9E-02				5	5.32E-05			
17	6.7E-02				5	6.04E-05			
18	7.7E-02				5	6.96E-05			
19	9.0E-02				5	8.18E-05			
20	1.1E-01				5	9.91E-05			
113	5.2E-02				5	4.71E-05			
114	4.9E-02				5	4.45E-05			
115	4.6E-02				5	4.21E-05			
116	4.4E-02				5	3.98E-05			
117	5.3E-02				5	4.83E-05			
118	5.0E-02				5	4.55E-05			
119	4.7E-02				5	4.29E-05			
120	4.5E-02				5	4.05E-05			
121	5.5E-02				5	4.95E-05			
122	5.1E-02				5	4.65E-05			
123	4.8E-02				5	4.37E-05			
124	4.5E-02				5	4.12E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
125	5.6E-02				5	5.06E-05		
126	5.2E-02				5	4.74E-05		
127	4.9E-02				5	4.45E-05		
128	4.6E-02				5	4.18E-05		
129	5.7E-02				5	5.16E-05		
130	5.3E-02				5	4.82E-05		
131	5.0E-02				5	4.52E-05		
132	4.7E-02				5	4.24E-05		
133	5.8E-02				5	5.26E-05		
134	5.4E-02				5	4.90E-05		
135	5.0E-02				5	4.58E-05		
136	4.7E-02				5	4.29E-05		
137	5.9E-02				5	5.34E-05		
138	5.1E-02				5	4.64E-05		
139	4.8E-02				5	4.34E-05		
140	6.1E-02				5	5.55E-05		
141	5.7E-02				5	5.14E-05		
142	5.3E-02				5	4.77E-05		
143	4.9E-02				5	4.45E-05		
144	6.2E-02				5	5.60E-05		
145	5.7E-02				5	5.18E-05		
146	5.3E-02				5	4.81E-05		
147	4.9E-02				5	4.48E-05		
148	6.2E-02				5	5.65E-05		
149	5.8E-02				5	5.22E-05		
150	5.3E-02				5	4.84E-05		
151	5.0E-02				5	4.51E-05		
152	6.3E-02				5	5.69E-05		
153	5.8E-02				5	5.25E-05		
154	5.4E-02				5	4.87E-05		
155	5.0E-02				5	4.53E-05		
156	6.3E-02				5	5.72E-05		
157	5.8E-02				5	5.28E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
158	5.4E-02				5	4.89E-05		
159	5.0E-02				5	4.55E-05		
160	6.3E-02				5	5.74E-05		
161	5.8E-02				5	5.30E-05		
162	5.4E-02				5	4.90E-05		
163	5.1E-02				5	4.58E-05		
164	6.3E-02				5	5.76E-05		
165	5.8E-02				5	5.30E-05		
166	5.4E-02				5	4.94E-05		
167	5.1E-02				5	4.59E-05		
168	6.3E-02				5	5.75E-05		
169	5.8E-02				5	5.30E-05		
170	5.4E-02				5	4.94E-05		
171	5.1E-02				5	4.59E-05		
172	6.3E-02				5	5.73E-05		
173	5.8E-02				5	5.28E-05		
174	5.4E-02				5	4.92E-05		
175	5.0E-02				5	4.57E-05		
176	6.3E-02				5	5.70E-05		
177	5.8E-02				5	5.25E-05		
178	5.4E-02				5	4.89E-05		
179	5.0E-02				5	4.54E-05		
180	6.2E-02				5	5.65E-05		
181	5.8E-02				5	5.23E-05		
182	5.3E-02				5	4.85E-05		
183	5.0E-02				5	4.51E-05		
184	6.9E-02				5	6.23E-05		
185	7.4E-02				5	6.75E-05		
186	6.8E-02				5	6.17E-05		
187	6.2E-02				5	5.67E-05		
188	5.8E-02				5	5.25E-05		
189	8.0E-02				5	7.28E-05		
190	7.3E-02				5	6.64E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
191	6.7E-02				5	6.08E-05		
192	6.2E-02				5	5.59E-05		
193	5.7E-02				5	5.19E-05		
194	7.8E-02				5	7.10E-05		
195	7.2E-02				5	6.49E-05		
196	6.6E-02				5	5.98E-05		
197	6.1E-02				5	5.52E-05		
198	5.6E-02				5	5.11E-05		
199	7.6E-02				5	6.88E-05		
200	7.0E-02				5	6.31E-05		
201	6.4E-02				5	5.83E-05		
202	5.9E-02				5	5.39E-05		
203	5.5E-02				5	5.01E-05		
204	1.1E-01				5	9.69E-05		
205	7.3E-02				5	6.62E-05		
206	6.7E-02				5	6.10E-05		
207	6.2E-02				5	5.65E-05		
208	5.8E-02				5	5.24E-05		
209	1.0E-01				5	9.11E-05		
210	9.1E-02				5	8.26E-05		
211	8.3E-02				5	7.53E-05		
212	7.6E-02				5	6.90E-05		
213	7.0E-02				5	6.35E-05		
214	6.5E-02				5	5.88E-05		
215	6.0E-02				5	5.45E-05		
216	1.1E-01				5	9.65E-05		
217	9.7E-02				5	8.76E-05		
218	8.8E-02				5	7.99E-05		
219	8.1E-02				5	7.32E-05		
220	7.4E-02				5	6.74E-05		
221	6.9E-02				5	6.23E-05		
222	9.8E-02				5	8.90E-05		
223	9.0E-02				5	8.13E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
224	8.2E-02				5	7.46E-05		
225	7.6E-02				5	6.87E-05		
226	7.0E-02				5	6.35E-05		
227	9.1E-02				5	8.22E-05		
228	8.3E-02				5	7.54E-05		
229	7.6E-02				5	6.93E-05		
230	7.1E-02				5	6.41E-05		
231	8.4E-02				5	7.60E-05		
232	7.7E-02				5	7.01E-05		
233	7.1E-02				5	6.46E-05		
234	6.6E-02				5	6.00E-05		
235	7.8E-02				5	7.04E-05		
236	7.2E-02				5	6.53E-05		
237	6.6E-02				5	6.02E-05		
238	6.2E-02				5	5.62E-05		
239	7.2E-02				5	6.53E-05		
240	6.7E-02				5	6.04E-05		
241	6.2E-02				5	5.64E-05		
242	5.8E-02				5	5.27E-05		
243	1.3E-01				5	1.16E-04		
244	1.2E-01				5	1.07E-04		
245	1.1E-01				5	9.84E-05		
246	1.0E-01				5	9.05E-05		
247	9.2E-02				5	8.34E-05		
248	8.5E-02				5	7.71E-05		
249	7.9E-02				5	7.13E-05		
250	1.1E-01				5	1.04E-04		
251	1.1E-01				5	9.65E-05		
252	9.8E-02				5	8.93E-05		
253	9.1E-02				5	8.26E-05		
254	8.4E-02				5	7.65E-05		
255	7.8E-02				5	7.10E-05		
256	7.3E-02				5	6.59E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
257	1.0E-01				5	9.41E-05		
258	9.7E-02				5	8.76E-05		
259	9.0E-02				5	8.14E-05		
260	8.3E-02				5	7.58E-05		
261	7.8E-02				5	7.05E-05		
262	7.2E-02				5	6.57E-05		
263	6.7E-02				5	6.12E-05		
264	9.4E-02				5	8.56E-05		
265	8.8E-02				5	8.00E-05		
266	8.2E-02				5	7.47E-05		
267	7.7E-02				5	6.97E-05		
268	7.2E-02				5	6.52E-05		
269	6.7E-02				5	6.10E-05		
270	6.3E-02				5	5.70E-05		
271	8.6E-02				5	7.83E-05		
272	8.1E-02				5	7.34E-05		
273	7.6E-02				5	6.88E-05		
274	7.1E-02				5	6.45E-05		
275	6.7E-02				5	6.05E-05		
276	6.3E-02				5	5.68E-05		
277	5.9E-02				5	5.32E-05		
278	4.1E-01				5	3.71E-04		
279	3.7E-01				5	3.40E-04		
280	3.2E-01				5	2.93E-04		
281	3.0E-01				5	2.73E-04		
282	3.1E-01				5	2.80E-04		
283	3.0E-01				5	2.72E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
21	2.3E-02	7.4E-03			5	5.25E-05		
22	2.6E-02	8.4E-03			5	5.97E-05		
23	3.0E-02	9.7E-03			5	6.89E-05		
24	3.5E-02	1.1E-02			5	8.11E-05		
25	4.2E-02	1.4E-02			5	9.75E-05		
26	4.2E-02	1.4E-02			5	9.69E-05		
27	4.2E-02	1.4E-02			5	9.81E-05		
28	4.3E-02	1.4E-02			5	9.92E-05		
29	4.3E-02	1.4E-02			5	1.00E-04		
30	4.4E-02	1.4E-02			5	1.01E-04		
31	4.4E-02	1.4E-02			5	1.01E-04		
32	4.4E-02	1.4E-02			5	1.01E-04		
33	4.4E-02	1.4E-02			5	1.01E-04		
34	4.4E-02	1.4E-02			5	1.01E-04		
35	4.3E-02	1.4E-02			5	1.00E-04		
36	4.3E-02	1.4E-02			5	9.96E-05		
37	4.4E-02	1.4E-02			5	1.02E-04		
38	4.5E-02	1.5E-02			5	1.04E-04		
39	4.5E-02	1.5E-02			5	1.05E-04		
40	4.6E-02	1.5E-02			5	1.06E-04		
41	4.6E-02	1.5E-02			5	1.06E-04		
42	4.6E-02	1.5E-02			5	1.07E-04		
43	4.6E-02	1.5E-02			5	1.07E-04		
44	4.6E-02	1.5E-02			5	1.07E-04		
45	4.6E-02	1.5E-02			5	1.06E-04		
46	4.6E-02	1.5E-02			5	1.06E-04		
47	4.5E-02	1.5E-02			5	1.05E-04		
48	4.7E-02	1.5E-02			5	1.08E-04		
49	4.7E-02	1.5E-02			5	1.10E-04		
50	4.8E-02	1.6E-02			5	1.11E-04		
51	4.8E-02	1.6E-02			5	1.12E-04		
52	4.9E-02	1.6E-02			5	1.12E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
53	4.9E-02	1.6E-02			5	1.13E-04		
54	4.9E-02	1.6E-02			5	1.13E-04		
55	4.9E-02	1.6E-02			5	1.13E-04		
56	4.9E-02	1.6E-02			5	1.12E-04		
57	4.8E-02	1.6E-02			5	1.11E-04		
58	4.8E-02	1.5E-02			5	1.10E-04		
59	5.0E-02	1.6E-02			5	1.15E-04		
60	5.0E-02	1.6E-02			5	1.16E-04		
61	5.1E-02	1.7E-02			5	1.17E-04		
62	5.1E-02	1.7E-02			5	1.19E-04		
63	5.2E-02	1.7E-02			5	1.19E-04		
64	5.2E-02	1.7E-02			5	1.20E-04		
65	5.2E-02	1.7E-02			5	1.20E-04		
66	5.2E-02	1.7E-02			5	1.19E-04		
67	5.1E-02	1.7E-02			5	1.19E-04		
68	5.1E-02	1.6E-02			5	1.17E-04		
69	5.0E-02	1.6E-02			5	1.16E-04		
70	5.3E-02	1.7E-02			5	1.22E-04		
71	5.3E-02	1.7E-02			5	1.23E-04		
72	5.4E-02	1.8E-02			5	1.25E-04		
73	5.5E-02	1.8E-02			5	1.26E-04		
74	5.5E-02	1.8E-02			5	1.27E-04		
75	5.5E-02	1.8E-02			5	1.27E-04		
76	5.5E-02	1.8E-02			5	1.27E-04		
77	5.5E-02	1.8E-02			5	1.26E-04		
78	5.4E-02	1.8E-02			5	1.26E-04		
79	5.4E-02	1.7E-02			5	1.24E-04		
80	5.3E-02	1.7E-02			5	1.22E-04		
81	5.6E-02	1.8E-02			5	1.30E-04		
82	5.7E-02	1.8E-02			5	1.32E-04		
83	5.8E-02	1.9E-02			5	1.33E-04		
84	5.8E-02	1.9E-02			5	1.34E-04		
85	5.8E-02	1.9E-02			5	1.35E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
86	5.9E-02	1.9E-02			5	1.35E-04		
87	5.8E-02	1.9E-02			5	1.35E-04		
88	5.8E-02	1.9E-02			5	1.34E-04		
89	5.8E-02	1.9E-02			5	1.33E-04		
90	5.7E-02	1.8E-02			5	1.31E-04		
91	5.6E-02	1.8E-02			5	1.29E-04		
92	6.0E-02	1.9E-02			5	1.38E-04		
93	6.1E-02	2.0E-02			5	1.41E-04		
94	6.2E-02	2.0E-02			5	1.42E-04		
95	6.2E-02	2.0E-02			5	1.44E-04		
96	6.3E-02	2.0E-02			5	1.45E-04		
97	6.3E-02	2.0E-02			5	1.45E-04		
98	6.2E-02	2.0E-02			5	1.44E-04		
99	6.2E-02	2.0E-02			5	1.43E-04		
100	6.1E-02	2.0E-02			5	1.42E-04		
101	6.0E-02	2.0E-02			5	1.39E-04		
102	5.9E-02	1.9E-02			5	1.36E-04		
103	6.6E-02	2.1E-02			5	1.52E-04		
104	6.6E-02	2.2E-02			5	1.53E-04		
105	6.7E-02	2.2E-02			5	1.54E-04		
106	6.6E-02	2.2E-02			5	1.53E-04		
107	6.6E-02	2.2E-02			5	1.53E-04		
108	6.5E-02	2.1E-02			5	1.51E-04		
109	6.4E-02	2.1E-02			5	1.48E-04		
110	6.2E-02	2.0E-02			5	1.44E-04		
111	6.5E-02	2.1E-02			5	1.51E-04		
112	6.4E-02	2.1E-02			5	1.49E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50075	**1.08E-04**	5.42E-05	1.05E-03	5.67E-08	1.35	1.57E-01	1.20E-08	1,000,000	1.20E-02
2	0.53112	0.00010824	5.749E-05	1.05E-03	6.01E-08	1.35	1.57E-01	1.27E-08	1,000,000	1.27E-02
3	0.5654	0.00010824	6.1201E-05	1.05E-03	6.40E-08	1.35	1.57E-01	1.36E-08	1,000,000	1.36E-02
4	0.6028	0.00010824	6.5249E-05	1.05E-03	6.82E-08	1.35	1.57E-01	1.45E-08	1,000,000	1.45E-02
5	0.64511	0.00010824	6.9829E-05	1.05E-03	7.30E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
6	0.49716	0.00010824	5.3814E-05	1.05E-03	5.62E-08	1.35	1.57E-01	1.19E-08	1,000,000	1.19E-02
7	0.52724	0.00010824	5.707E-05	1.05E-03	5.97E-08	1.35	1.57E-01	1.27E-08	1,000,000	1.27E-02
8	0.56085	0.00010824	6.0708E-05	1.05E-03	6.35E-08	1.35	1.57E-01	1.35E-08	1,000,000	1.35E-02
9	0.59922	0.00010824	6.4861E-05	1.05E-03	6.78E-08	1.35	1.57E-01	1.44E-08	1,000,000	1.44E-02
10	0.64141	0.00010824	6.9428E-05	1.05E-03	7.26E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
11	0.4933	0.00010824	5.3396E-05	1.05E-03	5.58E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
12	0.5234	0.00010824	5.6654E-05	1.05E-03	5.92E-08	1.35	1.57E-01	1.26E-08	1,000,000	1.26E-02
13	0.55718	0.00010824	6.0311E-05	1.05E-03	6.30E-08	1.35	1.57E-01	1.34E-08	1,000,000	1.34E-02
14	0.59589	0.00010824	6.4501E-05	1.05E-03	6.74E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
15	0.63834	0.00010824	6.9096E-05	1.05E-03	7.22E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
16	0.48981	0.00010824	5.3019E-05	1.05E-03	5.54E-08	1.35	1.57E-01	1.18E-08	1,000,000	1.18E-02
17	0.52023	0.00010824	5.6311E-05	1.05E-03	5.89E-08	1.35	1.57E-01	1.25E-08	1,000,000	1.25E-02
18	0.55402	0.00010824	5.9969E-05	1.05E-03	6.27E-08	1.35	1.57E-01	1.33E-08	1,000,000	1.33E-02
19	0.59152	0.00010824	6.4028E-05	1.05E-03	6.69E-08	1.35	1.57E-01	1.42E-08	1,000,000	1.42E-02
20	0.63448	0.00010824	6.8678E-05	1.05E-03	7.18E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02
21	0.48695	0.00010824	5.2709E-05	1.05E-03	5.51E-08	1.35	1.57E-01	1.17E-08	1,000,000	1.17E-02
22	0.51738	0.00010824	5.6003E-05	1.05E-03	5.85E-08	1.35	1.57E-01	1.24E-08	1,000,000	1.24E-02
23	0.55142	0.00010824	5.9687E-05	1.05E-03	6.24E-08	1.35	1.57E-01	1.32E-08	1,000,000	1.32E-02
24	0.58935	0.00010824	6.3793E-05	1.05E-03	6.67E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02
25	0.63147	0.00010824	6.8352E-05	1.05E-03	7.14E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02
113	2.6316	0.00010824	0.00028485	1.05E-03	2.98E-07	1.35	1.57E-01	6.32E-08	1,000,000	6.32E-02
114	2.37784	0.00010824	0.00025738	1.05E-03	2.69E-07	1.35	1.57E-01	5.71E-08	1,000,000	5.71E-02
115	2.1573	0.00010824	0.00023351	1.05E-03	2.44E-07	1.35	1.57E-01	5.18E-08	1,000,000	5.18E-02
116	1.96534	0.00010824	0.00021273	1.05E-03	2.22E-07	1.35	1.57E-01	4.72E-08	1,000,000	4.72E-02
117	2.71073	0.00010824	0.00029342	1.05E-03	3.07E-07	1.35	1.57E-01	6.51E-08	1,000,000	6.51E-02
118	2.43759	0.00010824	0.00026385	1.05E-03	2.76E-07	1.35	1.57E-01	5.85E-08	1,000,000	5.85E-02
119	2.20315	0.00010824	0.00023848	1.05E-03	2.49E-07	1.35	1.57E-01	5.29E-08	1,000,000	5.29E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	0.00021659	1.05E-03	2.26E-07	1.35	1.57E-01	4.80E-08	1,000,000	4.80E-02
121	2.78112	0.00010824	0.00030104	1.05E-03	3.15E-07	1.35	1.57E-01	6.67E-08	1,000,000	6.67E-02
122	2.49038	0.00010824	0.00026957	1.05E-03	2.82E-07	1.35	1.57E-01	5.98E-08	1,000,000	5.98E-02
123	2.24336	0.00010824	0.00024283	1.05E-03	2.54E-07	1.35	1.57E-01	5.38E-08	1,000,000	5.38E-02
124	2.03199	0.00010824	0.00021995	1.05E-03	2.30E-07	1.35	1.57E-01	4.88E-08	1,000,000	4.88E-02
125	2.84219	0.00010824	0.00030765	1.05E-03	3.22E-07	1.35	1.57E-01	6.82E-08	1,000,000	6.82E-02
126	2.53591	0.00010824	0.00027449	1.05E-03	2.87E-07	1.35	1.57E-01	6.09E-08	1,000,000	6.09E-02
127	2.27788	0.00010824	0.00024656	1.05E-03	2.58E-07	1.35	1.57E-01	5.47E-08	1,000,000	5.47E-02
128	2.05858	0.00010824	0.00022283	1.05E-03	2.33E-07	1.35	1.57E-01	4.94E-08	1,000,000	4.94E-02
129	2.89374	0.00010824	0.00031323	1.05E-03	3.27E-07	1.35	1.57E-01	6.95E-08	1,000,000	6.95E-02
130	2.57417	0.00010824	0.00027864	1.05E-03	2.91E-07	1.35	1.57E-01	6.18E-08	1,000,000	6.18E-02
131	2.30682	0.00010824	0.0002497	1.05E-03	2.61E-07	1.35	1.57E-01	5.54E-08	1,000,000	5.54E-02
132	2.08085	0.00010824	0.00022524	1.05E-03	2.35E-07	1.35	1.57E-01	4.99E-08	1,000,000	4.99E-02
133	2.93562	0.00010824	0.00031776	1.05E-03	3.32E-07	1.35	1.57E-01	7.05E-08	1,000,000	7.05E-02
134	2.60511	0.00010824	0.00028199	1.05E-03	2.95E-07	1.35	1.57E-01	6.25E-08	1,000,000	6.25E-02
135	2.33012	0.00010824	0.00025222	1.05E-03	2.64E-07	1.35	1.57E-01	5.59E-08	1,000,000	5.59E-02
136	2.09869	0.00010824	0.00022717	1.05E-03	2.37E-07	1.35	1.57E-01	5.04E-08	1,000,000	5.04E-02
137	2.96743	0.00010824	0.0003212	1.05E-03	3.36E-07	1.35	1.57E-01	7.12E-08	1,000,000	7.12E-02
138	2.34744	0.00010824	0.00025409	1.05E-03	2.66E-07	1.35	1.57E-01	5.63E-08	1,000,000	5.63E-02
139	2.11178	0.00010824	0.00022859	1.05E-03	2.39E-07	1.35	1.57E-01	5.07E-08	1,000,000	5.07E-02
140	2.99193	0.00010824	0.00032386	1.05E-03	3.38E-07	1.35	1.57E-01	7.18E-08	1,000,000	7.18E-02
141	2.64361	0.00010824	0.00028615	1.05E-03	2.99E-07	1.35	1.57E-01	6.34E-08	1,000,000	6.34E-02
142	2.35643	0.00010824	0.00025507	1.05E-03	2.67E-07	1.35	1.57E-01	5.66E-08	1,000,000	5.66E-02
143	2.11648	0.00010824	0.00022909	1.05E-03	2.39E-07	1.35	1.57E-01	5.08E-08	1,000,000	5.08E-02
144	2.96965	0.00010824	0.00032144	1.05E-03	3.36E-07	1.35	1.57E-01	7.13E-08	1,000,000	7.13E-02
145	2.62535	0.00010824	0.00028418	1.05E-03	2.97E-07	1.35	1.57E-01	6.30E-08	1,000,000	6.30E-02
146	2.34114	0.00010824	0.00025341	1.05E-03	2.65E-07	1.35	1.57E-01	5.62E-08	1,000,000	5.62E-02
147	2.10348	0.00010824	0.00022769	1.05E-03	2.38E-07	1.35	1.57E-01	5.05E-08	1,000,000	5.05E-02
148	2.92764	0.00010824	0.0003169	1.05E-03	3.31E-07	1.35	1.57E-01	7.03E-08	1,000,000	7.03E-02
149	2.59239	0.00010824	0.00028061	1.05E-03	2.93E-07	1.35	1.57E-01	6.22E-08	1,000,000	6.22E-02
150	2.31464	0.00010824	0.00025054	1.05E-03	2.62E-07	1.35	1.57E-01	5.56E-08	1,000,000	5.56E-02
151	2.08173	0.00010824	0.00022533	1.05E-03	2.36E-07	1.35	1.57E-01	5.00E-08	1,000,000	5.00E-02
152	2.86247	0.00010824	0.00030984	1.05E-03	3.24E-07	1.35	1.57E-01	6.87E-08	1,000,000	6.87E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	0.0002752	1.05E-03	2.88E-07	1.35	1.57E-01	6.10E-08	1,000,000	6.10E-02
154	2.27537	0.00010824	0.00024629	1.05E-03	2.57E-07	1.35	1.57E-01	5.46E-08	1,000,000	5.46E-02
155	2.05017	0.00010824	0.00022192	1.05E-03	2.32E-07	1.35	1.57E-01	4.92E-08	1,000,000	4.92E-02
156	2.77135	0.00010824	0.00029998	1.05E-03	3.14E-07	1.35	1.57E-01	6.65E-08	1,000,000	6.65E-02
157	2.47293	0.00010824	0.00026768	1.05E-03	2.80E-07	1.35	1.57E-01	5.94E-08	1,000,000	5.94E-02
158	2.22131	0.00010824	0.00024044	1.05E-03	2.51E-07	1.35	1.57E-01	5.33E-08	1,000,000	5.33E-02
159	2.0073	0.00010824	0.00021728	1.05E-03	2.27E-07	1.35	1.57E-01	4.82E-08	1,000,000	4.82E-02
160	2.65474	0.00010824	0.00028736	1.05E-03	3.00E-07	1.35	1.57E-01	6.37E-08	1,000,000	6.37E-02
161	2.38287	0.00010824	0.00025793	1.05E-03	2.70E-07	1.35	1.57E-01	5.72E-08	1,000,000	5.72E-02
162	2.15095	0.00010824	0.00023283	1.05E-03	2.43E-07	1.35	1.57E-01	5.16E-08	1,000,000	5.16E-02
163	1.95128	0.00010824	0.00021121	1.05E-03	2.21E-07	1.35	1.57E-01	4.68E-08	1,000,000	4.68E-02
164	2.51763	0.00010824	0.00027252	1.05E-03	2.85E-07	1.35	1.57E-01	6.04E-08	1,000,000	6.04E-02
165	2.27442	0.00010824	0.00024619	1.05E-03	2.57E-07	1.35	1.57E-01	5.46E-08	1,000,000	5.46E-02
166	2.06291	0.00010824	0.0002233	1.05E-03	2.33E-07	1.35	1.57E-01	4.95E-08	1,000,000	4.95E-02
167	1.88082	0.00010824	0.00020359	1.05E-03	2.13E-07	1.35	1.57E-01	4.51E-08	1,000,000	4.51E-02
168	2.36788	0.00010824	0.00025631	1.05E-03	2.68E-07	1.35	1.57E-01	5.68E-08	1,000,000	5.68E-02
169	2.15271	0.00010824	0.00023302	1.05E-03	2.44E-07	1.35	1.57E-01	5.17E-08	1,000,000	5.17E-02
170	1.96372	0.00010824	0.00021256	1.05E-03	2.22E-07	1.35	1.57E-01	4.71E-08	1,000,000	4.71E-02
171	1.80043	0.00010824	0.00019488	1.05E-03	2.04E-07	1.35	1.57E-01	4.32E-08	1,000,000	4.32E-02
172	2.2133	0.00010824	0.00023957	1.05E-03	2.50E-07	1.35	1.57E-01	5.31E-08	1,000,000	5.31E-02
173	2.02394	0.00010824	0.00021908	1.05E-03	2.29E-07	1.35	1.57E-01	4.86E-08	1,000,000	4.86E-02
174	1.85692	0.00010824	0.000201	1.05E-03	2.10E-07	1.35	1.57E-01	4.46E-08	1,000,000	4.46E-02
175	1.71143	0.00010824	0.00018525	1.05E-03	1.94E-07	1.35	1.57E-01	4.11E-08	1,000,000	4.11E-02
176	2.05984	0.00010824	0.00022296	1.05E-03	2.33E-07	1.35	1.57E-01	4.94E-08	1,000,000	4.94E-02
177	1.89359	0.00010824	0.00020497	1.05E-03	2.14E-07	1.35	1.57E-01	4.54E-08	1,000,000	4.54E-02
178	1.74629	0.00010824	0.00018902	1.05E-03	1.98E-07	1.35	1.57E-01	4.19E-08	1,000,000	4.19E-02
179	1.61745	0.00010824	0.00017508	1.05E-03	1.83E-07	1.35	1.57E-01	3.88E-08	1,000,000	3.88E-02
180	1.91158	0.00010824	0.00020692	1.05E-03	2.16E-07	1.35	1.57E-01	4.59E-08	1,000,000	4.59E-02
181	1.7651	0.00010824	0.00019106	1.05E-03	2.00E-07	1.35	1.57E-01	4.24E-08	1,000,000	4.24E-02
182	1.63567	0.00010824	0.00017705	1.05E-03	1.85E-07	1.35	1.57E-01	3.93E-08	1,000,000	3.93E-02
183	1.52194	0.00010824	0.00016474	1.05E-03	1.72E-07	1.35	1.57E-01	3.65E-08	1,000,000	3.65E-02
184	2.59243	0.00010824	0.00028061	1.05E-03	2.93E-07	1.35	1.57E-01	6.22E-08	1,000,000	6.22E-02
185	2.19528	0.00010824	0.00023762	1.05E-03	2.48E-07	1.35	1.57E-01	5.27E-08	1,000,000	5.27E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	0.00021795	1.05E-03	2.28E-07	1.35	1.57E-01	4.83E-08	1,000,000	4.83E-02
187	1.85534	0.00010824	0.00020083	1.05E-03	2.10E-07	1.35	1.57E-01	4.45E-08	1,000,000	4.45E-02
188	1.71588	0.00010824	0.00018573	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
189	2.19717	0.00010824	0.00023783	1.05E-03	2.49E-07	1.35	1.57E-01	5.27E-08	1,000,000	5.27E-02
190	2.01519	0.00010824	0.00021813	1.05E-03	2.28E-07	1.35	1.57E-01	4.84E-08	1,000,000	4.84E-02
191	1.85697	0.00010824	0.000201	1.05E-03	2.10E-07	1.35	1.57E-01	4.46E-08	1,000,000	4.46E-02
192	1.71841	0.00010824	0.00018601	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
193	1.59488	0.00010824	0.00017263	1.05E-03	1.80E-07	1.35	1.57E-01	3.83E-08	1,000,000	3.83E-02
194	2.01443	0.00010824	0.00021805	1.05E-03	2.28E-07	1.35	1.57E-01	4.83E-08	1,000,000	4.83E-02
195	1.85512	0.00010824	0.0002008	1.05E-03	2.10E-07	1.35	1.57E-01	4.45E-08	1,000,000	4.45E-02
196	1.71551	0.00010824	0.00018569	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
197	1.59169	0.00010824	0.00017229	1.05E-03	1.80E-07	1.35	1.57E-01	3.82E-08	1,000,000	3.82E-02
198	1.48354	0.00010824	0.00016058	1.05E-03	1.68E-07	1.35	1.57E-01	3.56E-08	1,000,000	3.56E-02
199	1.85669	0.00010824	0.00020097	1.05E-03	2.10E-07	1.35	1.57E-01	4.46E-08	1,000,000	4.46E-02
200	1.71515	0.00010824	0.00018565	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
201	1.59003	0.00010824	0.00017211	1.05E-03	1.80E-07	1.35	1.57E-01	3.82E-08	1,000,000	3.82E-02
202	1.47955	0.00010824	0.00016015	1.05E-03	1.67E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
203	1.38226	0.00010824	0.00014962	1.05E-03	1.56E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
204	2.41401	0.00010824	0.0002613	1.05E-03	2.73E-07	1.35	1.57E-01	5.79E-08	1,000,000	5.79E-02
205	1.72017	0.00010824	0.0001862	1.05E-03	1.95E-07	1.35	1.57E-01	4.13E-08	1,000,000	4.13E-02
206	1.59344	0.00010824	0.00017248	1.05E-03	1.80E-07	1.35	1.57E-01	3.82E-08	1,000,000	3.82E-02
207	1.47985	0.00010824	0.00016018	1.05E-03	1.67E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
208	1.38055	0.00010824	0.00014944	1.05E-03	1.56E-07	1.35	1.57E-01	3.31E-08	1,000,000	3.31E-02
209	2.20204	0.00010824	0.00023836	1.05E-03	2.49E-07	1.35	1.57E-01	5.29E-08	1,000,000	5.29E-02
210	2.02678	0.00010824	0.00021939	1.05E-03	2.29E-07	1.35	1.57E-01	4.86E-08	1,000,000	4.86E-02
211	1.86887	0.00010824	0.00020229	1.05E-03	2.11E-07	1.35	1.57E-01	4.49E-08	1,000,000	4.49E-02
212	1.72755	0.00010824	0.000187	1.05E-03	1.95E-07	1.35	1.57E-01	4.15E-08	1,000,000	4.15E-02
213	1.60067	0.00010824	0.00017326	1.05E-03	1.81E-07	1.35	1.57E-01	3.84E-08	1,000,000	3.84E-02
214	1.48629	0.00010824	0.00016088	1.05E-03	1.68E-07	1.35	1.57E-01	3.57E-08	1,000,000	3.57E-02
215	1.3842	0.00010824	0.00014983	1.05E-03	1.57E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
216	2.14141	0.00010824	0.00023179	1.05E-03	2.42E-07	1.35	1.57E-01	5.14E-08	1,000,000	5.14E-02
217	1.9911	0.00010824	0.00021552	1.05E-03	2.25E-07	1.35	1.57E-01	4.78E-08	1,000,000	4.78E-02
218	1.85053	0.00010824	0.00020031	1.05E-03	2.09E-07	1.35	1.57E-01	4.44E-08	1,000,000	4.44E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	0.0001865	1.05E-03	1.95E-07	1.35	1.57E-01	4.14E-08	1,000,000	4.14E-02
220	1.60481	0.00010824	0.00017371	1.05E-03	1.82E-07	1.35	1.57E-01	3.85E-08	1,000,000	3.85E-02
221	1.49635	0.00010824	0.00016197	1.05E-03	1.69E-07	1.35	1.57E-01	3.59E-08	1,000,000	3.59E-02
222	1.95535	0.00010824	0.00021165	1.05E-03	2.21E-07	1.35	1.57E-01	4.69E-08	1,000,000	4.69E-02
223	1.82595	0.00010824	0.00019765	1.05E-03	2.07E-07	1.35	1.57E-01	4.38E-08	1,000,000	4.38E-02
224	1.706	0.00010824	0.00018466	1.05E-03	1.93E-07	1.35	1.57E-01	4.09E-08	1,000,000	4.09E-02
225	1.59569	0.00010824	0.00017272	1.05E-03	1.81E-07	1.35	1.57E-01	3.83E-08	1,000,000	3.83E-02
226	1.49241	0.00010824	0.00016154	1.05E-03	1.69E-07	1.35	1.57E-01	3.58E-08	1,000,000	3.58E-02
227	1.79286	0.00010824	0.00019406	1.05E-03	2.03E-07	1.35	1.57E-01	4.30E-08	1,000,000	4.30E-02
228	1.68103	0.00010824	0.00018196	1.05E-03	1.90E-07	1.35	1.57E-01	4.03E-08	1,000,000	4.03E-02
229	1.57774	0.00010824	0.00017078	1.05E-03	1.78E-07	1.35	1.57E-01	3.79E-08	1,000,000	3.79E-02
230	1.48052	0.00010824	0.00016026	1.05E-03	1.68E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
231	1.65008	0.00010824	0.00017861	1.05E-03	1.87E-07	1.35	1.57E-01	3.96E-08	1,000,000	3.96E-02
232	1.55383	0.00010824	0.00016819	1.05E-03	1.76E-07	1.35	1.57E-01	3.73E-08	1,000,000	3.73E-02
233	1.46353	0.00010824	0.00015842	1.05E-03	1.66E-07	1.35	1.57E-01	3.51E-08	1,000,000	3.51E-02
234	1.3784	0.00010824	0.0001492	1.05E-03	1.56E-07	1.35	1.57E-01	3.31E-08	1,000,000	3.31E-02
235	1.52504	0.00010824	0.00016508	1.05E-03	1.73E-07	1.35	1.57E-01	3.66E-08	1,000,000	3.66E-02
236	1.44105	0.00010824	0.00015598	1.05E-03	1.63E-07	1.35	1.57E-01	3.46E-08	1,000,000	3.46E-02
237	1.36113	0.00010824	0.00014733	1.05E-03	1.54E-07	1.35	1.57E-01	3.27E-08	1,000,000	3.27E-02
238	1.2867	0.00010824	0.00013928	1.05E-03	1.46E-07	1.35	1.57E-01	3.09E-08	1,000,000	3.09E-02
239	1.41453	0.00010824	0.00015311	1.05E-03	1.60E-07	1.35	1.57E-01	3.40E-08	1,000,000	3.40E-02
240	1.34043	0.00010824	0.00014509	1.05E-03	1.52E-07	1.35	1.57E-01	3.22E-08	1,000,000	3.22E-02
241	1.2697	0.00010824	0.00013744	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
242	1.20404	0.00010824	0.00013033	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
243	1.88743	0.00010824	0.0002043	1.05E-03	2.14E-07	1.35	1.57E-01	4.53E-08	1,000,000	4.53E-02
244	1.84188	0.00010824	0.00019937	1.05E-03	2.08E-07	1.35	1.57E-01	4.42E-08	1,000,000	4.42E-02
245	1.78359	0.00010824	0.00019306	1.05E-03	2.02E-07	1.35	1.57E-01	4.28E-08	1,000,000	4.28E-02
246	1.71582	0.00010824	0.00018573	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
247	1.64134	0.00010824	0.00017766	1.05E-03	1.86E-07	1.35	1.57E-01	3.94E-08	1,000,000	3.94E-02
248	1.56497	0.00010824	0.0001694	1.05E-03	1.77E-07	1.35	1.57E-01	3.76E-08	1,000,000	3.76E-02
249	1.4883	0.00010824	0.0001611	1.05E-03	1.68E-07	1.35	1.57E-01	3.57E-08	1,000,000	3.57E-02
250	1.73455	0.00010824	0.00018775	1.05E-03	1.96E-07	1.35	1.57E-01	4.16E-08	1,000,000	4.16E-02
251	1.69291	0.00010824	0.00018325	1.05E-03	1.92E-07	1.35	1.57E-01	4.06E-08	1,000,000	4.06E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	0.00017761	1.05E-03	1.86E-07	1.35	1.57E-01	3.94E-08	1,000,000	3.94E-02
253	1.581	0.00010824	0.00017113	1.05E-03	1.79E-07	1.35	1.57E-01	3.79E-08	1,000,000	3.79E-02
254	1.51551	0.00010824	0.00016404	1.05E-03	1.71E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
255	1.4484	0.00010824	0.00015678	1.05E-03	1.64E-07	1.35	1.57E-01	3.48E-08	1,000,000	3.48E-02
256	1.38024	0.00010824	0.0001494	1.05E-03	1.56E-07	1.35	1.57E-01	3.31E-08	1,000,000	3.31E-02
257	1.60044	0.00010824	0.00017324	1.05E-03	1.81E-07	1.35	1.57E-01	3.84E-08	1,000,000	3.84E-02
258	1.56234	0.00010824	0.00016911	1.05E-03	1.77E-07	1.35	1.57E-01	3.75E-08	1,000,000	3.75E-02
259	1.51565	0.00010824	0.00016406	1.05E-03	1.71E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
260	1.46251	0.00010824	0.00015831	1.05E-03	1.65E-07	1.35	1.57E-01	3.51E-08	1,000,000	3.51E-02
261	1.40462	0.00010824	0.00015204	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
262	1.34521	0.00010824	0.00014561	1.05E-03	1.52E-07	1.35	1.57E-01	3.23E-08	1,000,000	3.23E-02
263	1.28507	0.00010824	0.0001391	1.05E-03	1.45E-07	1.35	1.57E-01	3.08E-08	1,000,000	3.08E-02
264	1.4823	0.00010824	0.00016045	1.05E-03	1.68E-07	1.35	1.57E-01	3.56E-08	1,000,000	3.56E-02
265	1.4473	0.00010824	0.00015666	1.05E-03	1.64E-07	1.35	1.57E-01	3.47E-08	1,000,000	3.47E-02
266	1.40515	0.00010824	0.0001521	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
267	1.35774	0.00010824	0.00014697	1.05E-03	1.54E-07	1.35	1.57E-01	3.26E-08	1,000,000	3.26E-02
268	1.30679	0.00010824	0.00014145	1.05E-03	1.48E-07	1.35	1.57E-01	3.14E-08	1,000,000	3.14E-02
269	1.2538	0.00010824	0.00013572	1.05E-03	1.42E-07	1.35	1.57E-01	3.01E-08	1,000,000	3.01E-02
270	1.20023	0.00010824	0.00012992	1.05E-03	1.36E-07	1.35	1.57E-01	2.88E-08	1,000,000	2.88E-02
271	1.37731	0.00010824	0.00014908	1.05E-03	1.56E-07	1.35	1.57E-01	3.31E-08	1,000,000	3.31E-02
272	1.34521	0.00010824	0.00014561	1.05E-03	1.52E-07	1.35	1.57E-01	3.23E-08	1,000,000	3.23E-02
273	1.3071	0.00010824	0.00014148	1.05E-03	1.48E-07	1.35	1.57E-01	3.14E-08	1,000,000	3.14E-02
274	1.26455	0.00010824	0.00013688	1.05E-03	1.43E-07	1.35	1.57E-01	3.04E-08	1,000,000	3.04E-02
275	1.219	0.00010824	0.00013195	1.05E-03	1.38E-07	1.35	1.57E-01	2.93E-08	1,000,000	2.93E-02
276	1.17187	0.00010824	0.00012685	1.05E-03	1.33E-07	1.35	1.57E-01	2.81E-08	1,000,000	2.81E-02
277	1.1238	0.00010824	0.00012164	1.05E-03	1.27E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02
278	1.21678	0.00010824	0.00013171	1.05E-03	1.38E-07	1.35	1.57E-01	2.92E-08	1,000,000	2.92E-02
279	1.2683	0.00010824	0.00013728	1.05E-03	1.43E-07	1.35	1.57E-01	3.04E-08	1,000,000	3.04E-02
280	1.40304	0.00010824	0.00015187	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
281	1.38576	0.00010824	0.00015	1.05E-03	1.57E-07	1.35	1.57E-01	3.33E-08	1,000,000	3.33E-02
282	1.51777	0.00010824	0.00016429	1.05E-03	1.72E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
283	1.26993	0.00010824	0.00013746	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
School Receptors										
26	5.39637	0.00010824	0.00058412	1.05E-03	6.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.83423	0.00010824	0.00063152	1.05E-03	6.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.31405	0.00010824	0.00068345	1.05E-03	7.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.83733	0.00010824	0.00074009	1.05E-03	7.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.40425	0.00010824	0.00080146	1.05E-03	8.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.0132	0.00010824	0.00086737	1.05E-03	9.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	8.66003	0.00010824	0.00093739	1.05E-03	9.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.33754	0.00010824	0.00101072	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	10.03344	0.00010824	0.00108605	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.72964	0.00010824	0.00116141	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	11.35609	0.00010824	0.00122922	1.05E-03	1.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.89607	0.00010824	0.00063821	1.05E-03	6.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	6.41369	0.00010824	0.00069424	1.05E-03	7.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	6.98703	0.00010824	0.0007563	1.05E-03	7.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	7.61966	0.00010824	0.00082478	1.05E-03	8.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.31393	0.00010824	0.00089993	1.05E-03	9.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.07001	0.00010824	0.00098177	1.05E-03	1.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	9.88438	0.00010824	0.00106992	1.05E-03	1.12E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.74801	0.00010824	0.0011634	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.6441	0.00010824	0.00126039	1.05E-03	1.32E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	12.54914	0.00010824	0.00135836	1.05E-03	1.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.36183	0.00010824	0.00144633	1.05E-03	1.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	6.46214	0.00010824	0.00069948	1.05E-03	7.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	7.07833	0.00010824	0.00076618	1.05E-03	8.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	7.76943	0.00010824	0.00084099	1.05E-03	8.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	8.54257	0.00010824	0.00092467	1.05E-03	9.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	9.40417	0.00010824	0.00101794	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	10.35875	0.00010824	0.00112126	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.40625	0.00010824	0.00123465	1.05E-03	1.29E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.53765	0.00010824	0.00135711	1.05E-03	1.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.72996	0.00010824	0.00148617	1.05E-03	1.55E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	14.95154	0.00010824	0.0016184	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	0.00173728	1.05E-03	1.82E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	7.10344	0.00010824	0.0007689	1.05E-03	8.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	7.84157	0.00010824	0.0008488	1.05E-03	8.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	8.68156	0.00010824	0.00093972	1.05E-03	9.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	9.6368	0.00010824	0.00104312	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	10.72128	0.00010824	0.00116051	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	11.94868	0.00010824	0.00129336	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.32893	0.00010824	0.00144277	1.05E-03	1.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.86004	0.00010824	0.0016085	1.05E-03	1.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	16.51471	0.00010824	0.0017876	1.05E-03	1.87E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	18.24918	0.00010824	0.00197535	1.05E-03	2.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	19.82076	0.00010824	0.00214546	1.05E-03	2.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.82961	0.00010824	0.0008475	1.05E-03	8.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	8.71821	0.00010824	0.00094369	1.05E-03	9.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	9.74637	0.00010824	0.00105498	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	10.93834	0.00010824	0.001184	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	12.32248	0.00010824	0.00133382	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	13.93144	0.00010824	0.00150798	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	15.79951	0.00010824	0.00171019	1.05E-03	1.79E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.95195	0.00010824	0.00194318	1.05E-03	2.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	20.37615	0.00010824	0.00220558	1.05E-03	2.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	23.01995	0.00010824	0.00249175	1.05E-03	2.60E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	25.46748	0.00010824	0.00275668	1.05E-03	2.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	8.65141	0.00010824	0.00093646	1.05E-03	9.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	9.72488	0.00010824	0.00105265	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	10.98984	0.00010824	0.00118958	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	12.48868	0.00010824	0.00135181	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	14.27612	0.00010824	0.00154529	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	16.42377	0.00010824	0.00177776	1.05E-03	1.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	19.02385	0.00010824	0.0020592	1.05E-03	2.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	22.18373	0.00010824	0.00240124	1.05E-03	2.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	25.98632	0.00010824	0.00281284	1.05E-03	2.94E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	30.4538	0.00010824	0.00329642	1.05E-03	3.45E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	0.00376858	1.05E-03	3.94E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.58095	0.00010824	0.00103707	1.05E-03	1.08E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	10.88066	0.00010824	0.00117776	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	12.44204	0.00010824	0.00134677	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	14.33614	0.00010824	0.00155179	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	16.66277	0.00010824	0.00180363	1.05E-03	1.89E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	19.56823	0.00010824	0.00211813	1.05E-03	2.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	23.27452	0.00010824	0.00251931	1.05E-03	2.63E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	28.11906	0.00010824	0.0030437	1.05E-03	3.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	34.58268	0.00010824	0.00374334	1.05E-03	3.91E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	43.35102	0.00010824	0.00469245	1.05E-03	4.90E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	53.23316	0.00010824	0.00576213	1.05E-03	6.02E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	16.0252	0.00010824	0.00173462	1.05E-03	1.81E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	18.89481	0.00010824	0.00204523	1.05E-03	2.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	23.15778	0.00010824	0.00250667	1.05E-03	2.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	28.33904	0.00010824	0.00306751	1.05E-03	3.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	36.54122	0.00010824	0.00395534	1.05E-03	4.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	48.30707	0.00010824	0.00522891	1.05E-03	5.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	68.94691	0.00010824	0.00746303	1.05E-03	7.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	106.9279	0.00010824	0.01157421	1.05E-03	1.21E-05	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.79535	0.00010824	0.00149325	1.05E-03	1.56E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	11.77374	0.00010824	0.00127443	1.05E-03	1.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50075	1.08E-04	5.42E-05	6.05E-04	3.28E-08	14	4.71E-02	2.16E-08	1,000,000	2.2E-02
2	0.53112	0.00010824	5.75E-05	6.05E-04	3.48E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
3	0.5654	0.00010824	6.12E-05	6.05E-04	3.70E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
4	0.6028	0.00010824	6.52E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
5	0.64511	0.00010824	6.98E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
6	0.49716	0.00010824	5.38E-05	6.05E-04	3.26E-08	14	4.71E-02	2.15E-08	1,000,000	2.15E-02
7	0.52724	0.00010824	5.71E-05	6.05E-04	3.45E-08	14	4.71E-02	2.28E-08	1,000,000	2.28E-02
8	0.56085	0.00010824	6.07E-05	6.05E-04	3.67E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02
9	0.59922	0.00010824	6.49E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
10	0.64141	0.00010824	6.94E-05	6.05E-04	4.20E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
11	0.4933	0.00010824	5.34E-05	6.05E-04	3.23E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
12	0.5234	0.00010824	5.67E-05	6.05E-04	3.43E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02
13	0.55718	0.00010824	6.03E-05	6.05E-04	3.65E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
14	0.59589	0.00010824	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
15	0.63834	0.00010824	6.91E-05	6.05E-04	4.18E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
16	0.48981	0.00010824	5.30E-05	6.05E-04	3.21E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
17	0.52023	0.00010824	5.63E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
18	0.55402	0.00010824	6.00E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
19	0.59152	0.00010824	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
20	0.63448	0.00010824	6.87E-05	6.05E-04	4.16E-08	14	4.71E-02	2.74E-08	1,000,000	2.74E-02
21	0.48695	0.00010824	5.27E-05	6.05E-04	3.19E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
22	0.51738	0.00010824	5.60E-05	6.05E-04	3.39E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
23	0.55142	0.00010824	5.97E-05	6.05E-04	3.61E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
24	0.58935	0.00010824	6.38E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
25	0.63147	0.00010824	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
113	2.6316	0.00010824	2.85E-04	6.05E-04	1.72E-07	14	4.71E-02	1.14E-07	1,000,000	1.14E-01
114	2.37784	0.00010824	2.57E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
115	2.1573	0.00010824	2.34E-04	6.05E-04	1.41E-07	14	4.71E-02	9.33E-08	1,000,000	9.33E-02
116	1.96534	0.00010824	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
117	2.71073	0.00010824	2.93E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
118	2.43759	0.00010824	2.64E-04	6.05E-04	1.60E-07	14	4.71E-02	1.05E-07	1,000,000	1.05E-01
119	2.20315	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.65E-08	1,000,000	8.65E-02
121	2.78112	0.00010824	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
122	2.49038	0.00010824	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
123	2.24336	0.00010824	2.43E-04	6.05E-04	1.47E-07	14	4.71E-02	9.70E-08	1,000,000	9.70E-02
124	2.03199	0.00010824	2.20E-04	6.05E-04	1.33E-07	14	4.71E-02	8.78E-08	1,000,000	8.78E-02
125	2.84219	0.00010824	3.08E-04	6.05E-04	1.86E-07	14	4.71E-02	1.23E-07	1,000,000	1.23E-01
126	2.53591	0.00010824	2.74E-04	6.05E-04	1.66E-07	14	4.71E-02	1.10E-07	1,000,000	1.10E-01
127	2.27788	0.00010824	2.47E-04	6.05E-04	1.49E-07	14	4.71E-02	9.85E-08	1,000,000	9.85E-02
128	2.05858	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
129	2.89374	0.00010824	3.13E-04	6.05E-04	1.90E-07	14	4.71E-02	1.25E-07	1,000,000	1.25E-01
130	2.57417	0.00010824	2.79E-04	6.05E-04	1.69E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
131	2.30682	0.00010824	2.50E-04	6.05E-04	1.51E-07	14	4.71E-02	9.97E-08	1,000,000	9.97E-02
132	2.08085	0.00010824	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	8.99E-08	1,000,000	8.99E-02
133	2.93562	0.00010824	3.18E-04	6.05E-04	1.92E-07	14	4.71E-02	1.27E-07	1,000,000	1.27E-01
134	2.60511	0.00010824	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
135	2.33012	0.00010824	2.52E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
136	2.09869	0.00010824	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02
137	2.96743	0.00010824	3.21E-04	6.05E-04	1.94E-07	14	4.71E-02	1.28E-07	1,000,000	1.28E-01
138	2.34744	0.00010824	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
139	2.11178	0.00010824	2.29E-04	6.05E-04	1.38E-07	14	4.71E-02	9.13E-08	1,000,000	9.13E-02
140	2.99193	0.00010824	3.24E-04	6.05E-04	1.96E-07	14	4.71E-02	1.29E-07	1,000,000	1.29E-01
141	2.64361	0.00010824	2.86E-04	6.05E-04	1.73E-07	14	4.71E-02	1.14E-07	1,000,000	1.14E-01
142	2.35643	0.00010824	2.55E-04	6.05E-04	1.54E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
143	2.11648	0.00010824	2.29E-04	6.05E-04	1.39E-07	14	4.71E-02	9.15E-08	1,000,000	9.15E-02
144	2.96965	0.00010824	3.21E-04	6.05E-04	1.94E-07	14	4.71E-02	1.28E-07	1,000,000	1.28E-01
145	2.62535	0.00010824	2.84E-04	6.05E-04	1.72E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
146	2.34114	0.00010824	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
147	2.10348	0.00010824	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.09E-08	1,000,000	9.09E-02
148	2.92764	0.00010824	3.17E-04	6.05E-04	1.92E-07	14	4.71E-02	1.27E-07	1,000,000	1.27E-01
149	2.59239	0.00010824	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
150	2.31464	0.00010824	2.51E-04	6.05E-04	1.52E-07	14	4.71E-02	1.00E-07	1,000,000	1.00E-01
151	2.08173	0.00010824	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	9.00E-08	1,000,000	9.00E-02
152	2.86247	0.00010824	3.10E-04	6.05E-04	1.87E-07	14	4.71E-02	1.24E-07	1,000,000	1.24E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	2.75E-04	6.05E-04	1.67E-07	14	4.71E-02	1.10E-07	1,000,000	1.10E-01
154	2.27537	0.00010824	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.84E-08	1,000,000	9.84E-02
155	2.05017	0.00010824	2.22E-04	6.05E-04	1.34E-07	14	4.71E-02	8.86E-08	1,000,000	8.86E-02
156	2.77135	0.00010824	3.00E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
157	2.47293	0.00010824	2.68E-04	6.05E-04	1.62E-07	14	4.71E-02	1.07E-07	1,000,000	1.07E-01
158	2.22131	0.00010824	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.60E-08	1,000,000	9.60E-02
159	2.0073	0.00010824	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.68E-08	1,000,000	8.68E-02
160	2.65474	0.00010824	2.87E-04	6.05E-04	1.74E-07	14	4.71E-02	1.15E-07	1,000,000	1.15E-01
161	2.38287	0.00010824	2.58E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
162	2.15095	0.00010824	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.30E-08	1,000,000	9.30E-02
163	1.95128	0.00010824	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.43E-08	1,000,000	8.43E-02
164	2.51763	0.00010824	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
165	2.27442	0.00010824	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.83E-08	1,000,000	9.83E-02
166	2.06291	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.92E-08	1,000,000	8.92E-02
167	1.88082	0.00010824	2.04E-04	6.05E-04	1.23E-07	14	4.71E-02	8.13E-08	1,000,000	8.13E-02
168	2.36788	0.00010824	2.56E-04	6.05E-04	1.55E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
169	2.15271	0.00010824	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.31E-08	1,000,000	9.31E-02
170	1.96372	0.00010824	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.49E-08	1,000,000	8.49E-02
171	1.80043	0.00010824	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.78E-08	1,000,000	7.78E-02
172	2.2133	0.00010824	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.57E-08	1,000,000	9.57E-02
173	2.02394	0.00010824	2.19E-04	6.05E-04	1.33E-07	14	4.71E-02	8.75E-08	1,000,000	8.75E-02
174	1.85692	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
175	1.71143	0.00010824	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.40E-08	1,000,000	7.40E-02
176	2.05984	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
177	1.89359	0.00010824	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.19E-08	1,000,000	8.19E-02
178	1.74629	0.00010824	1.89E-04	6.05E-04	1.14E-07	14	4.71E-02	7.55E-08	1,000,000	7.55E-02
179	1.61745	0.00010824	1.75E-04	6.05E-04	1.06E-07	14	4.71E-02	6.99E-08	1,000,000	6.99E-02
180	1.91158	0.00010824	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
181	1.7651	0.00010824	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.63E-08	1,000,000	7.63E-02
182	1.63567	0.00010824	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.07E-08	1,000,000	7.07E-02
183	1.52194	0.00010824	1.65E-04	6.05E-04	9.97E-08	14	4.71E-02	6.58E-08	1,000,000	6.58E-02
184	2.59243	0.00010824	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
185	2.19528	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.49E-08	1,000,000	9.49E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.70E-08	1,000,000	8.70E-02
187	1.85534	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.02E-08	1,000,000	8.02E-02
188	1.71588	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
189	2.19717	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.50E-08	1,000,000	9.50E-02
190	2.01519	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
191	1.85697	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
192	1.71841	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.43E-08	1,000,000	7.43E-02
193	1.59488	0.00010824	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
194	2.01443	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
195	1.85512	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.02E-08	1,000,000	8.02E-02
196	1.71551	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
197	1.59169	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.88E-08	1,000,000	6.88E-02
198	1.48354	0.00010824	1.61E-04	6.05E-04	9.72E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
199	1.85669	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
200	1.71515	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.41E-08	1,000,000	7.41E-02
201	1.59003	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
202	1.47955	0.00010824	1.60E-04	6.05E-04	9.69E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
203	1.38226	0.00010824	1.50E-04	6.05E-04	9.05E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
204	2.41401	0.00010824	2.61E-04	6.05E-04	1.58E-07	14	4.71E-02	1.04E-07	1,000,000	1.04E-01
205	1.72017	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.44E-08	1,000,000	7.44E-02
206	1.59344	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
207	1.47985	0.00010824	1.60E-04	6.05E-04	9.69E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
208	1.38055	0.00010824	1.49E-04	6.05E-04	9.04E-08	14	4.71E-02	5.97E-08	1,000,000	5.97E-02
209	2.20204	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02
210	2.02678	0.00010824	2.19E-04	6.05E-04	1.33E-07	14	4.71E-02	8.76E-08	1,000,000	8.76E-02
211	1.86887	0.00010824	2.02E-04	6.05E-04	1.22E-07	14	4.71E-02	8.08E-08	1,000,000	8.08E-02
212	1.72755	0.00010824	1.87E-04	6.05E-04	1.13E-07	14	4.71E-02	7.47E-08	1,000,000	7.47E-02
213	1.60067	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.92E-08	1,000,000	6.92E-02
214	1.48629	0.00010824	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
215	1.3842	0.00010824	1.50E-04	6.05E-04	9.07E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
216	2.14141	0.00010824	2.32E-04	6.05E-04	1.40E-07	14	4.71E-02	9.26E-08	1,000,000	9.26E-02
217	1.9911	0.00010824	2.16E-04	6.05E-04	1.30E-07	14	4.71E-02	8.61E-08	1,000,000	8.61E-02
218	1.85053	0.00010824	2.00E-04	6.05E-04	1.21E-07	14	4.71E-02	8.00E-08	1,000,000	8.00E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.45E-08	1,000,000	7.45E-02
220	1.60481	0.00010824	1.74E-04	6.05E-04	1.05E-07	14	4.71E-02	6.94E-08	1,000,000	6.94E-02
221	1.49635	0.00010824	1.62E-04	6.05E-04	9.80E-08	14	4.71E-02	6.47E-08	1,000,000	6.47E-02
222	1.95535	0.00010824	2.12E-04	6.05E-04	1.28E-07	14	4.71E-02	8.45E-08	1,000,000	8.45E-02
223	1.82595	0.00010824	1.98E-04	6.05E-04	1.20E-07	14	4.71E-02	7.89E-08	1,000,000	7.89E-02
224	1.706	0.00010824	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.37E-08	1,000,000	7.37E-02
225	1.59569	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.90E-08	1,000,000	6.90E-02
226	1.49241	0.00010824	1.62E-04	6.05E-04	9.77E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
227	1.79286	0.00010824	1.94E-04	6.05E-04	1.17E-07	14	4.71E-02	7.75E-08	1,000,000	7.75E-02
228	1.68103	0.00010824	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.27E-08	1,000,000	7.27E-02
229	1.57774	0.00010824	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
230	1.48052	0.00010824	1.60E-04	6.05E-04	9.70E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
231	1.65008	0.00010824	1.79E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
232	1.55383	0.00010824	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
233	1.46353	0.00010824	1.58E-04	6.05E-04	9.59E-08	14	4.71E-02	6.33E-08	1,000,000	6.33E-02
234	1.3784	0.00010824	1.49E-04	6.05E-04	9.03E-08	14	4.71E-02	5.96E-08	1,000,000	5.96E-02
235	1.52504	0.00010824	1.65E-04	6.05E-04	9.99E-08	14	4.71E-02	6.59E-08	1,000,000	6.59E-02
236	1.44105	0.00010824	1.56E-04	6.05E-04	9.44E-08	14	4.71E-02	6.23E-08	1,000,000	6.23E-02
237	1.36113	0.00010824	1.47E-04	6.05E-04	8.91E-08	14	4.71E-02	5.88E-08	1,000,000	5.88E-02
238	1.2867	0.00010824	1.39E-04	6.05E-04	8.43E-08	14	4.71E-02	5.56E-08	1,000,000	5.56E-02
239	1.41453	0.00010824	1.53E-04	6.05E-04	9.26E-08	14	4.71E-02	6.11E-08	1,000,000	6.11E-02
240	1.34043	0.00010824	1.45E-04	6.05E-04	8.78E-08	14	4.71E-02	5.79E-08	1,000,000	5.79E-02
241	1.2697	0.00010824	1.37E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02
242	1.20404	0.00010824	1.30E-04	6.05E-04	7.89E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
243	1.88743	0.00010824	2.04E-04	6.05E-04	1.24E-07	14	4.71E-02	8.16E-08	1,000,000	8.16E-02
244	1.84188	0.00010824	1.99E-04	6.05E-04	1.21E-07	14	4.71E-02	7.96E-08	1,000,000	7.96E-02
245	1.78359	0.00010824	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.71E-08	1,000,000	7.71E-02
246	1.71582	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
247	1.64134	0.00010824	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
248	1.56497	0.00010824	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.76E-08	1,000,000	6.76E-02
249	1.4883	0.00010824	1.61E-04	6.05E-04	9.75E-08	14	4.71E-02	6.43E-08	1,000,000	6.43E-02
250	1.73455	0.00010824	1.88E-04	6.05E-04	1.14E-07	14	4.71E-02	7.50E-08	1,000,000	7.50E-02
251	1.69291	0.00010824	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.32E-08	1,000,000	7.32E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
253	1.581	0.00010824	1.71E-04	6.05E-04	1.04E-07	14	4.71E-02	6.83E-08	1,000,000	6.83E-02
254	1.51551	0.00010824	1.64E-04	6.05E-04	9.93E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
255	1.4484	0.00010824	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
256	1.38024	0.00010824	1.49E-04	6.05E-04	9.04E-08	14	4.71E-02	5.97E-08	1,000,000	5.97E-02
257	1.60044	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.92E-08	1,000,000	6.92E-02
258	1.56234	0.00010824	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.75E-08	1,000,000	6.75E-02
259	1.51565	0.00010824	1.64E-04	6.05E-04	9.93E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
260	1.46251	0.00010824	1.58E-04	6.05E-04	9.58E-08	14	4.71E-02	6.32E-08	1,000,000	6.32E-02
261	1.40462	0.00010824	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
262	1.34521	0.00010824	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
263	1.28507	0.00010824	1.39E-04	6.05E-04	8.42E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
264	1.4823	0.00010824	1.60E-04	6.05E-04	9.71E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
265	1.4473	0.00010824	1.57E-04	6.05E-04	9.48E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
266	1.40515	0.00010824	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
267	1.35774	0.00010824	1.47E-04	6.05E-04	8.89E-08	14	4.71E-02	5.87E-08	1,000,000	5.87E-02
268	1.30679	0.00010824	1.41E-04	6.05E-04	8.56E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
269	1.2538	0.00010824	1.36E-04	6.05E-04	8.21E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
270	1.20023	0.00010824	1.30E-04	6.05E-04	7.86E-08	14	4.71E-02	5.19E-08	1,000,000	5.19E-02
271	1.37731	0.00010824	1.49E-04	6.05E-04	9.02E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
272	1.34521	0.00010824	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
273	1.3071	0.00010824	1.41E-04	6.05E-04	8.56E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
274	1.26455	0.00010824	1.37E-04	6.05E-04	8.28E-08	14	4.71E-02	5.47E-08	1,000,000	5.47E-02
275	1.219	0.00010824	1.32E-04	6.05E-04	7.98E-08	14	4.71E-02	5.27E-08	1,000,000	5.27E-02
276	1.17187	0.00010824	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
277	1.1238	0.00010824	1.22E-04	6.05E-04	7.36E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
278	1.21678	0.00010824	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
279	1.2683	0.00010824	1.37E-04	6.05E-04	8.31E-08	14	4.71E-02	5.48E-08	1,000,000	5.48E-02
280	1.40304	0.00010824	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
281	1.38576	0.00010824	1.50E-04	6.05E-04	9.08E-08	14	4.71E-02	5.99E-08	1,000,000	5.99E-02
282	1.51777	0.00010824	1.64E-04	6.05E-04	9.94E-08	14	4.71E-02	6.56E-08	1,000,000	6.56E-02
283	1.26993	0.00010824	1.37E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Receptors				
26	5.39637	0.00010824	5.84E-04	6.05E-04	3.53E-07	9	4.71E-02	1.52E-07	1,000,000	1.52E-01
27	5.83423	0.00010824	6.32E-04	6.05E-04	3.82E-07	9	4.71E-02	1.64E-07	1,000,000	1.64E-01
28	6.31405	0.00010824	6.83E-04	6.05E-04	4.14E-07	9	4.71E-02	1.77E-07	1,000,000	1.77E-01
29	6.83733	0.00010824	7.40E-04	6.05E-04	4.48E-07	9	4.71E-02	1.92E-07	1,000,000	1.92E-01
30	7.40425	0.00010824	8.01E-04	6.05E-04	4.85E-07	9	4.71E-02	2.08E-07	1,000,000	2.08E-01
31	8.0132	0.00010824	8.67E-04	6.05E-04	5.25E-07	9	4.71E-02	2.25E-07	1,000,000	2.25E-01
32	8.66003	0.00010824	9.37E-04	6.05E-04	5.67E-07	9	4.71E-02	2.43E-07	1,000,000	2.43E-01
33	9.33754	0.00010824	1.01E-03	6.05E-04	6.12E-07	9	4.71E-02	2.62E-07	1,000,000	2.62E-01
34	10.03344	0.00010824	1.09E-03	6.05E-04	6.57E-07	9	4.71E-02	2.82E-07	1,000,000	2.82E-01
35	10.72964	0.00010824	1.16E-03	6.05E-04	7.03E-07	9	4.71E-02	3.01E-07	1,000,000	3.01E-01
36	11.35609	0.00010824	1.23E-03	6.05E-04	7.44E-07	9	4.71E-02	3.19E-07	1,000,000	3.19E-01
37	5.89607	0.00010824	6.38E-04	6.05E-04	3.86E-07	9	4.71E-02	1.66E-07	1,000,000	1.66E-01
38	6.41369	0.00010824	6.94E-04	6.05E-04	4.20E-07	9	4.71E-02	1.80E-07	1,000,000	1.80E-01
39	6.98703	0.00010824	7.56E-04	6.05E-04	4.58E-07	9	4.71E-02	1.96E-07	1,000,000	1.96E-01
40	7.61966	0.00010824	8.25E-04	6.05E-04	4.99E-07	9	4.71E-02	2.14E-07	1,000,000	2.14E-01
41	8.31393	0.00010824	9.00E-04	6.05E-04	5.45E-07	9	4.71E-02	2.34E-07	1,000,000	2.34E-01
42	9.07001	0.00010824	9.82E-04	6.05E-04	5.94E-07	9	4.71E-02	2.55E-07	1,000,000	2.55E-01
43	9.88438	0.00010824	1.07E-03	6.05E-04	6.47E-07	9	4.71E-02	2.78E-07	1,000,000	2.78E-01
44	10.74801	0.00010824	1.16E-03	6.05E-04	7.04E-07	9	4.71E-02	3.02E-07	1,000,000	3.02E-01
45	11.6441	0.00010824	1.26E-03	6.05E-04	7.63E-07	9	4.71E-02	3.27E-07	1,000,000	3.27E-01
46	12.54914	0.00010824	1.36E-03	6.05E-04	8.22E-07	9	4.71E-02	3.53E-07	1,000,000	3.53E-01
47	13.36183	0.00010824	1.45E-03	6.05E-04	8.75E-07	9	4.71E-02	3.75E-07	1,000,000	3.75E-01
48	6.46214	0.00010824	6.99E-04	6.05E-04	4.23E-07	9	4.71E-02	1.82E-07	1,000,000	1.82E-01
49	7.07833	0.00010824	7.66E-04	6.05E-04	4.64E-07	9	4.71E-02	1.99E-07	1,000,000	1.99E-01
50	7.76943	0.00010824	8.41E-04	6.05E-04	5.09E-07	9	4.71E-02	2.18E-07	1,000,000	2.18E-01
51	8.54257	0.00010824	9.25E-04	6.05E-04	5.59E-07	9	4.71E-02	2.40E-07	1,000,000	2.40E-01
52	9.40417	0.00010824	1.02E-03	6.05E-04	6.16E-07	9	4.71E-02	2.64E-07	1,000,000	2.64E-01
53	10.35875	0.00010824	1.12E-03	6.05E-04	6.78E-07	9	4.71E-02	2.91E-07	1,000,000	2.91E-01
54	11.40625	0.00010824	1.23E-03	6.05E-04	7.47E-07	9	4.71E-02	3.20E-07	1,000,000	3.20E-01
55	12.53765	0.00010824	1.36E-03	6.05E-04	8.21E-07	9	4.71E-02	3.52E-07	1,000,000	3.52E-01
56	13.72996	0.00010824	1.49E-03	6.05E-04	8.99E-07	9	4.71E-02	3.86E-07	1,000,000	3.86E-01
57	14.95154	0.00010824	1.62E-03	6.05E-04	9.79E-07	9	4.71E-02	4.20E-07	1,000,000	4.20E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	1.74E-03	6.05E-04	1.05E-06	9	4.71E-02	4.51E-07	1,000,000	4.51E-01
59	7.10344	0.00010824	7.69E-04	6.05E-04	4.65E-07	9	4.71E-02	2.00E-07	1,000,000	2.00E-01
60	7.84157	0.00010824	8.49E-04	6.05E-04	5.14E-07	9	4.71E-02	2.20E-07	1,000,000	2.20E-01
61	8.68156	0.00010824	9.40E-04	6.05E-04	5.69E-07	9	4.71E-02	2.44E-07	1,000,000	2.44E-01
62	9.6368	0.00010824	1.04E-03	6.05E-04	6.31E-07	9	4.71E-02	2.71E-07	1,000,000	2.71E-01
63	10.72128	0.00010824	1.16E-03	6.05E-04	7.02E-07	9	4.71E-02	3.01E-07	1,000,000	3.01E-01
64	11.94868	0.00010824	1.29E-03	6.05E-04	7.83E-07	9	4.71E-02	3.36E-07	1,000,000	3.36E-01
65	13.32893	0.00010824	1.44E-03	6.05E-04	8.73E-07	9	4.71E-02	3.75E-07	1,000,000	3.75E-01
66	14.86004	0.00010824	1.61E-03	6.05E-04	9.73E-07	9	4.71E-02	4.18E-07	1,000,000	4.18E-01
67	16.51471	0.00010824	1.79E-03	6.05E-04	1.08E-06	9	4.71E-02	4.64E-07	1,000,000	4.64E-01
68	18.24918	0.00010824	1.98E-03	6.05E-04	1.20E-06	9	4.71E-02	5.13E-07	1,000,000	5.13E-01
69	19.82076	0.00010824	2.15E-03	6.05E-04	1.30E-06	9	4.71E-02	5.57E-07	1,000,000	5.57E-01
70	7.82961	0.00010824	8.48E-04	6.05E-04	5.13E-07	9	4.71E-02	2.20E-07	1,000,000	2.20E-01
71	8.71821	0.00010824	9.44E-04	6.05E-04	5.71E-07	9	4.71E-02	2.45E-07	1,000,000	2.45E-01
72	9.74637	0.00010824	1.05E-03	6.05E-04	6.38E-07	9	4.71E-02	2.74E-07	1,000,000	2.74E-01
73	10.93834	0.00010824	1.18E-03	6.05E-04	7.16E-07	9	4.71E-02	3.07E-07	1,000,000	3.07E-01
74	12.32248	0.00010824	1.33E-03	6.05E-04	8.07E-07	9	4.71E-02	3.46E-07	1,000,000	3.46E-01
75	13.93144	0.00010824	1.51E-03	6.05E-04	9.12E-07	9	4.71E-02	3.91E-07	1,000,000	3.91E-01
76	15.79951	0.00010824	1.71E-03	6.05E-04	1.03E-06	9	4.71E-02	4.44E-07	1,000,000	4.44E-01
77	17.95195	0.00010824	1.94E-03	6.05E-04	1.18E-06	9	4.71E-02	5.04E-07	1,000,000	5.04E-01
78	20.37615	0.00010824	2.21E-03	6.05E-04	1.33E-06	9	4.71E-02	5.73E-07	1,000,000	5.73E-01
79	23.01995	0.00010824	2.49E-03	6.05E-04	1.51E-06	9	4.71E-02	6.47E-07	1,000,000	6.47E-01
80	25.46748	0.00010824	2.76E-03	6.05E-04	1.67E-06	9	4.71E-02	7.16E-07	1,000,000	7.16E-01
81	8.65141	0.00010824	9.36E-04	6.05E-04	5.67E-07	9	4.71E-02	2.43E-07	1,000,000	2.43E-01
82	9.72488	0.00010824	1.05E-03	6.05E-04	6.37E-07	9	4.71E-02	2.73E-07	1,000,000	2.73E-01
83	10.98984	0.00010824	1.19E-03	6.05E-04	7.20E-07	9	4.71E-02	3.09E-07	1,000,000	3.09E-01
84	12.48868	0.00010824	1.35E-03	6.05E-04	8.18E-07	9	4.71E-02	3.51E-07	1,000,000	3.51E-01
85	14.27612	0.00010824	1.55E-03	6.05E-04	9.35E-07	9	4.71E-02	4.01E-07	1,000,000	4.01E-01
86	16.42377	0.00010824	1.78E-03	6.05E-04	1.08E-06	9	4.71E-02	4.61E-07	1,000,000	4.61E-01
87	19.02385	0.00010824	2.06E-03	6.05E-04	1.25E-06	9	4.71E-02	5.35E-07	1,000,000	5.35E-01
88	22.18373	0.00010824	2.40E-03	6.05E-04	1.45E-06	9	4.71E-02	6.23E-07	1,000,000	6.23E-01
89	25.98632	0.00010824	2.81E-03	6.05E-04	1.70E-06	9	4.71E-02	7.30E-07	1,000,000	7.30E-01
90	30.4538	0.00010824	3.30E-03	6.05E-04	1.99E-06	9	4.71E-02	8.56E-07	1,000,000	8.56E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	3.77E-03	6.05E-04	2.28E-06	9	4.71E-02	9.78E-07	1,000,000	9.78E-01
92	9.58095	0.00010824	1.04E-03	6.05E-04	6.27E-07	9	4.71E-02	2.69E-07	1,000,000	2.69E-01
93	10.88066	0.00010824	1.18E-03	6.05E-04	7.13E-07	9	4.71E-02	3.06E-07	1,000,000	3.06E-01
94	12.44204	0.00010824	1.35E-03	6.05E-04	8.15E-07	9	4.71E-02	3.50E-07	1,000,000	3.50E-01
95	14.33614	0.00010824	1.55E-03	6.05E-04	9.39E-07	9	4.71E-02	4.03E-07	1,000,000	4.03E-01
96	16.66277	0.00010824	1.80E-03	6.05E-04	1.09E-06	9	4.71E-02	4.68E-07	1,000,000	4.68E-01
97	19.56823	0.00010824	2.12E-03	6.05E-04	1.28E-06	9	4.71E-02	5.50E-07	1,000,000	5.50E-01
98	23.27452	0.00010824	2.52E-03	6.05E-04	1.52E-06	9	4.71E-02	6.54E-07	1,000,000	6.54E-01
99	28.11906	0.00010824	3.04E-03	6.05E-04	1.84E-06	9	4.71E-02	7.90E-07	1,000,000	7.90E-01
100	34.58268	0.00010824	3.74E-03	6.05E-04	2.26E-06	9	4.71E-02	9.72E-07	1,000,000	9.72E-01
101	43.35102	0.00010824	4.69E-03	6.05E-04	2.84E-06	9	4.71E-02	1.22E-06	1,000,000	1.22E+00
102	53.23316	0.00010824	5.76E-03	6.05E-04	3.49E-06	9	4.71E-02	1.50E-06	1,000,000	1.50E+00
103	16.0252	0.00010824	1.73E-03	6.05E-04	1.05E-06	9	4.71E-02	4.50E-07	1,000,000	4.50E-01
104	18.89481	0.00010824	2.05E-03	6.05E-04	1.24E-06	9	4.71E-02	5.31E-07	1,000,000	5.31E-01
105	23.15778	0.00010824	2.51E-03	6.05E-04	1.52E-06	9	4.71E-02	6.51E-07	1,000,000	6.51E-01
106	28.33904	0.00010824	3.07E-03	6.05E-04	1.86E-06	9	4.71E-02	7.96E-07	1,000,000	7.96E-01
107	36.54122	0.00010824	3.96E-03	6.05E-04	2.39E-06	9	4.71E-02	1.03E-06	1,000,000	1.03E+00
108	48.30707	0.00010824	5.23E-03	6.05E-04	3.16E-06	9	4.71E-02	1.36E-06	1,000,000	1.36E+00
109	68.94691	0.00010824	7.46E-03	6.05E-04	4.52E-06	9	4.71E-02	1.94E-06	1,000,000	1.94E+00
110	106.9279	0.00010824	1.16E-02	6.05E-04	7.00E-06	9	4.71E-02	3.00E-06	1,000,000	3.00E+00
111	13.79535	0.00010824	1.49E-03	6.05E-04	9.04E-07	9	4.71E-02	3.88E-07	1,000,000	3.88E-01
112	11.77374	0.00010824	1.27E-03	6.05E-04	7.71E-07	9	4.71E-02	3.31E-07	1,000,000	3.31E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Cancer Risk From Haul3 - 17 to 30 years					
					Residential Receptors					
1	0.50075	1.08E-04	5.42E-05	2.50E-04	1.36E-08	14	1.15E-02	2.18E-09	1000000.0	2.2E-03
2	0.53112	0.00010824	5.75E-05	2.50E-04	1.44E-08	14	1.15E-02	2.31E-09	1,000,000	2.31E-03
3	0.5654	0.00010824	6.12E-05	2.50E-04	1.53E-08	14	1.15E-02	2.46E-09	1,000,000	2.46E-03
4	0.6028	0.00010824	6.52E-05	2.50E-04	1.63E-08	14	1.15E-02	2.62E-09	1,000,000	2.62E-03
5	0.64511	0.00010824	6.98E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
6	0.49716	0.00010824	5.38E-05	2.50E-04	1.35E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
7	0.52724	0.00010824	5.71E-05	2.50E-04	1.43E-08	14	1.15E-02	2.29E-09	1,000,000	2.29E-03
8	0.56085	0.00010824	6.07E-05	2.50E-04	1.52E-08	14	1.15E-02	2.44E-09	1,000,000	2.44E-03
9	0.59922	0.00010824	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
10	0.64141	0.00010824	6.94E-05	2.50E-04	1.74E-08	14	1.15E-02	2.79E-09	1,000,000	2.79E-03
11	0.4933	0.00010824	5.34E-05	2.50E-04	1.34E-08	14	1.15E-02	2.15E-09	1,000,000	2.15E-03
12	0.5234	0.00010824	5.67E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
13	0.55718	0.00010824	6.03E-05	2.50E-04	1.51E-08	14	1.15E-02	2.42E-09	1,000,000	2.42E-03
14	0.59589	0.00010824	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
15	0.63834	0.00010824	6.91E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
16	0.48981	0.00010824	5.30E-05	2.50E-04	1.33E-08	14	1.15E-02	2.13E-09	1,000,000	2.13E-03
17	0.52023	0.00010824	5.63E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
18	0.55402	0.00010824	6.00E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
19	0.59152	0.00010824	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
20	0.63448	0.00010824	6.87E-05	2.50E-04	1.72E-08	14	1.15E-02	2.76E-09	1,000,000	2.76E-03
21	0.48695	0.00010824	5.27E-05	2.50E-04	1.32E-08	14	1.15E-02	2.12E-09	1,000,000	2.12E-03
22	0.51738	0.00010824	5.60E-05	2.50E-04	1.40E-08	14	1.15E-02	2.25E-09	1,000,000	2.25E-03
23	0.55142	0.00010824	5.97E-05	2.50E-04	1.49E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
24	0.58935	0.00010824	6.38E-05	2.50E-04	1.60E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
25	0.63147	0.00010824	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
113	2.6316	0.00010824	2.85E-04	2.50E-04	7.13E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
114	2.37784	0.00010824	2.57E-04	2.50E-04	6.44E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
115	2.1573	0.00010824	2.34E-04	2.50E-04	5.84E-08	14	1.15E-02	9.39E-09	1,000,000	9.39E-03
116	1.96534	0.00010824	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.55E-09	1,000,000	8.55E-03
117	2.71073	0.00010824	2.93E-04	2.50E-04	7.34E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
118	2.43759	0.00010824	2.64E-04	2.50E-04	6.60E-08	14	1.15E-02	1.06E-08	1,000,000	1.06E-02
119	2.20315	0.00010824	2.38E-04	2.50E-04	5.97E-08	14	1.15E-02	9.59E-09	1,000,000	9.59E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	2.17E-04	2.50E-04	5.42E-08	14	1.15E-02	8.71E-09	1,000,000	8.71E-03
121	2.78112	0.00010824	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
122	2.49038	0.00010824	2.70E-04	2.50E-04	6.75E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
123	2.24336	0.00010824	2.43E-04	2.50E-04	6.08E-08	14	1.15E-02	9.76E-09	1,000,000	9.76E-03
124	2.03199	0.00010824	2.20E-04	2.50E-04	5.50E-08	14	1.15E-02	8.84E-09	1,000,000	8.84E-03
125	2.84219	0.00010824	3.08E-04	2.50E-04	7.70E-08	14	1.15E-02	1.24E-08	1,000,000	1.24E-02
126	2.53591	0.00010824	2.74E-04	2.50E-04	6.87E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
127	2.27788	0.00010824	2.47E-04	2.50E-04	6.17E-08	14	1.15E-02	9.91E-09	1,000,000	9.91E-03
128	2.05858	0.00010824	2.23E-04	2.50E-04	5.58E-08	14	1.15E-02	8.96E-09	1,000,000	8.96E-03
129	2.89374	0.00010824	3.13E-04	2.50E-04	7.84E-08	14	1.15E-02	1.26E-08	1,000,000	1.26E-02
130	2.57417	0.00010824	2.79E-04	2.50E-04	6.97E-08	14	1.15E-02	1.12E-08	1,000,000	1.12E-02
131	2.30682	0.00010824	2.50E-04	2.50E-04	6.25E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
132	2.08085	0.00010824	2.25E-04	2.50E-04	5.64E-08	14	1.15E-02	9.05E-09	1,000,000	9.05E-03
133	2.93562	0.00010824	3.18E-04	2.50E-04	7.95E-08	14	1.15E-02	1.28E-08	1,000,000	1.28E-02
134	2.60511	0.00010824	2.82E-04	2.50E-04	7.06E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
135	2.33012	0.00010824	2.52E-04	2.50E-04	6.31E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
136	2.09869	0.00010824	2.27E-04	2.50E-04	5.69E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03
137	2.96743	0.00010824	3.21E-04	2.50E-04	8.04E-08	14	1.15E-02	1.29E-08	1,000,000	1.29E-02
138	2.34744	0.00010824	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
139	2.11178	0.00010824	2.29E-04	2.50E-04	5.72E-08	14	1.15E-02	9.19E-09	1,000,000	9.19E-03
140	2.99193	0.00010824	3.24E-04	2.50E-04	8.11E-08	14	1.15E-02	1.30E-08	1,000,000	1.30E-02
141	2.64361	0.00010824	2.86E-04	2.50E-04	7.16E-08	14	1.15E-02	1.15E-08	1,000,000	1.15E-02
142	2.35643	0.00010824	2.55E-04	2.50E-04	6.38E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
143	2.11648	0.00010824	2.29E-04	2.50E-04	5.73E-08	14	1.15E-02	9.21E-09	1,000,000	9.21E-03
144	2.96965	0.00010824	3.21E-04	2.50E-04	8.04E-08	14	1.15E-02	1.29E-08	1,000,000	1.29E-02
145	2.62535	0.00010824	2.84E-04	2.50E-04	7.11E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
146	2.34114	0.00010824	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
147	2.10348	0.00010824	2.28E-04	2.50E-04	5.70E-08	14	1.15E-02	9.15E-09	1,000,000	9.15E-03
148	2.92764	0.00010824	3.17E-04	2.50E-04	7.93E-08	14	1.15E-02	1.27E-08	1,000,000	1.27E-02
149	2.59239	0.00010824	2.81E-04	2.50E-04	7.02E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
150	2.31464	0.00010824	2.51E-04	2.50E-04	6.27E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
151	2.08173	0.00010824	2.25E-04	2.50E-04	5.64E-08	14	1.15E-02	9.06E-09	1,000,000	9.06E-03
152	2.86247	0.00010824	3.10E-04	2.50E-04	7.75E-08	14	1.15E-02	1.25E-08	1,000,000	1.25E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	2.75E-04	2.50E-04	6.89E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
154	2.27537	0.00010824	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
155	2.05017	0.00010824	2.22E-04	2.50E-04	5.55E-08	14	1.15E-02	8.92E-09	1,000,000	8.92E-03
156	2.77135	0.00010824	3.00E-04	2.50E-04	7.51E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
157	2.47293	0.00010824	2.68E-04	2.50E-04	6.70E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
158	2.22131	0.00010824	2.40E-04	2.50E-04	6.02E-08	14	1.15E-02	9.66E-09	1,000,000	9.66E-03
159	2.0073	0.00010824	2.17E-04	2.50E-04	5.44E-08	14	1.15E-02	8.73E-09	1,000,000	8.73E-03
160	2.65474	0.00010824	2.87E-04	2.50E-04	7.19E-08	14	1.15E-02	1.16E-08	1,000,000	1.16E-02
161	2.38287	0.00010824	2.58E-04	2.50E-04	6.46E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
162	2.15095	0.00010824	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.36E-09	1,000,000	9.36E-03
163	1.95128	0.00010824	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.49E-09	1,000,000	8.49E-03
164	2.51763	0.00010824	2.73E-04	2.50E-04	6.82E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
165	2.27442	0.00010824	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
166	2.06291	0.00010824	2.23E-04	2.50E-04	5.59E-08	14	1.15E-02	8.98E-09	1,000,000	8.98E-03
167	1.88082	0.00010824	2.04E-04	2.50E-04	5.10E-08	14	1.15E-02	8.18E-09	1,000,000	8.18E-03
168	2.36788	0.00010824	2.56E-04	2.50E-04	6.41E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
169	2.15271	0.00010824	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.37E-09	1,000,000	9.37E-03
170	1.96372	0.00010824	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.54E-09	1,000,000	8.54E-03
171	1.80043	0.00010824	1.95E-04	2.50E-04	4.88E-08	14	1.15E-02	7.83E-09	1,000,000	7.83E-03
172	2.2133	0.00010824	2.40E-04	2.50E-04	6.00E-08	14	1.15E-02	9.63E-09	1,000,000	9.63E-03
173	2.02394	0.00010824	2.19E-04	2.50E-04	5.48E-08	14	1.15E-02	8.81E-09	1,000,000	8.81E-03
174	1.85692	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
175	1.71143	0.00010824	1.85E-04	2.50E-04	4.64E-08	14	1.15E-02	7.45E-09	1,000,000	7.45E-03
176	2.05984	0.00010824	2.23E-04	2.50E-04	5.58E-08	14	1.15E-02	8.96E-09	1,000,000	8.96E-03
177	1.89359	0.00010824	2.05E-04	2.50E-04	5.13E-08	14	1.15E-02	8.24E-09	1,000,000	8.24E-03
178	1.74629	0.00010824	1.89E-04	2.50E-04	4.73E-08	14	1.15E-02	7.60E-09	1,000,000	7.60E-03
179	1.61745	0.00010824	1.75E-04	2.50E-04	4.38E-08	14	1.15E-02	7.04E-09	1,000,000	7.04E-03
180	1.91158	0.00010824	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.32E-09	1,000,000	8.32E-03
181	1.7651	0.00010824	1.91E-04	2.50E-04	4.78E-08	14	1.15E-02	7.68E-09	1,000,000	7.68E-03
182	1.63567	0.00010824	1.77E-04	2.50E-04	4.43E-08	14	1.15E-02	7.12E-09	1,000,000	7.12E-03
183	1.52194	0.00010824	1.65E-04	2.50E-04	4.12E-08	14	1.15E-02	6.62E-09	1,000,000	6.62E-03
184	2.59243	0.00010824	2.81E-04	2.50E-04	7.02E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
185	2.19528	0.00010824	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.55E-09	1,000,000	9.55E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	2.18E-04	2.50E-04	5.45E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
187	1.85534	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.07E-09	1,000,000	8.07E-03
188	1.71588	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
189	2.19717	0.00010824	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.56E-09	1,000,000	9.56E-03
190	2.01519	0.00010824	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.77E-09	1,000,000	8.77E-03
191	1.85697	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
192	1.71841	0.00010824	1.86E-04	2.50E-04	4.66E-08	14	1.15E-02	7.48E-09	1,000,000	7.48E-03
193	1.59488	0.00010824	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
194	2.01443	0.00010824	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
195	1.85512	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.07E-09	1,000,000	8.07E-03
196	1.71551	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
197	1.59169	0.00010824	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
198	1.48354	0.00010824	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
199	1.85669	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
200	1.71515	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
201	1.59003	0.00010824	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
202	1.47955	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
203	1.38226	0.00010824	1.50E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
204	2.41401	0.00010824	2.61E-04	2.50E-04	6.54E-08	14	1.15E-02	1.05E-08	1,000,000	1.05E-02
205	1.72017	0.00010824	1.86E-04	2.50E-04	4.66E-08	14	1.15E-02	7.48E-09	1,000,000	7.48E-03
206	1.59344	0.00010824	1.72E-04	2.50E-04	4.32E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
207	1.47985	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
208	1.38055	0.00010824	1.49E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
209	2.20204	0.00010824	2.38E-04	2.50E-04	5.97E-08	14	1.15E-02	9.58E-09	1,000,000	9.58E-03
210	2.02678	0.00010824	2.19E-04	2.50E-04	5.49E-08	14	1.15E-02	8.82E-09	1,000,000	8.82E-03
211	1.86887	0.00010824	2.02E-04	2.50E-04	5.06E-08	14	1.15E-02	8.13E-09	1,000,000	8.13E-03
212	1.72755	0.00010824	1.87E-04	2.50E-04	4.68E-08	14	1.15E-02	7.52E-09	1,000,000	7.52E-03
213	1.60067	0.00010824	1.73E-04	2.50E-04	4.34E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
214	1.48629	0.00010824	1.61E-04	2.50E-04	4.03E-08	14	1.15E-02	6.47E-09	1,000,000	6.47E-03
215	1.3842	0.00010824	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
216	2.14141	0.00010824	2.32E-04	2.50E-04	5.80E-08	14	1.15E-02	9.32E-09	1,000,000	9.32E-03
217	1.9911	0.00010824	2.16E-04	2.50E-04	5.39E-08	14	1.15E-02	8.66E-09	1,000,000	8.66E-03
218	1.85053	0.00010824	2.00E-04	2.50E-04	5.01E-08	14	1.15E-02	8.05E-09	1,000,000	8.05E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	1.86E-04	2.50E-04	4.67E-08	14	1.15E-02	7.50E-09	1,000,000	7.50E-03
220	1.60481	0.00010824	1.74E-04	2.50E-04	4.35E-08	14	1.15E-02	6.98E-09	1,000,000	6.98E-03
221	1.49635	0.00010824	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.51E-09	1,000,000	6.51E-03
222	1.95535	0.00010824	2.12E-04	2.50E-04	5.30E-08	14	1.15E-02	8.51E-09	1,000,000	8.51E-03
223	1.82595	0.00010824	1.98E-04	2.50E-04	4.95E-08	14	1.15E-02	7.94E-09	1,000,000	7.94E-03
224	1.706	0.00010824	1.85E-04	2.50E-04	4.62E-08	14	1.15E-02	7.42E-09	1,000,000	7.42E-03
225	1.59569	0.00010824	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
226	1.49241	0.00010824	1.62E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
227	1.79286	0.00010824	1.94E-04	2.50E-04	4.86E-08	14	1.15E-02	7.80E-09	1,000,000	7.80E-03
228	1.68103	0.00010824	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
229	1.57774	0.00010824	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
230	1.48052	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
231	1.65008	0.00010824	1.79E-04	2.50E-04	4.47E-08	14	1.15E-02	7.18E-09	1,000,000	7.18E-03
232	1.55383	0.00010824	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
233	1.46353	0.00010824	1.58E-04	2.50E-04	3.96E-08	14	1.15E-02	6.37E-09	1,000,000	6.37E-03
234	1.3784	0.00010824	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	6.00E-09	1,000,000	6.00E-03
235	1.52504	0.00010824	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
236	1.44105	0.00010824	1.56E-04	2.50E-04	3.90E-08	14	1.15E-02	6.27E-09	1,000,000	6.27E-03
237	1.36113	0.00010824	1.47E-04	2.50E-04	3.69E-08	14	1.15E-02	5.92E-09	1,000,000	5.92E-03
238	1.2867	0.00010824	1.39E-04	2.50E-04	3.49E-08	14	1.15E-02	5.60E-09	1,000,000	5.60E-03
239	1.41453	0.00010824	1.53E-04	2.50E-04	3.83E-08	14	1.15E-02	6.15E-09	1,000,000	6.15E-03
240	1.34043	0.00010824	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.83E-09	1,000,000	5.83E-03
241	1.2697	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.52E-09	1,000,000	5.52E-03
242	1.20404	0.00010824	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
243	1.88743	0.00010824	2.04E-04	2.50E-04	5.11E-08	14	1.15E-02	8.21E-09	1,000,000	8.21E-03
244	1.84188	0.00010824	1.99E-04	2.50E-04	4.99E-08	14	1.15E-02	8.01E-09	1,000,000	8.01E-03
245	1.78359	0.00010824	1.93E-04	2.50E-04	4.83E-08	14	1.15E-02	7.76E-09	1,000,000	7.76E-03
246	1.71582	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
247	1.64134	0.00010824	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
248	1.56497	0.00010824	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
249	1.4883	0.00010824	1.61E-04	2.50E-04	4.03E-08	14	1.15E-02	6.48E-09	1,000,000	6.48E-03
250	1.73455	0.00010824	1.88E-04	2.50E-04	4.70E-08	14	1.15E-02	7.55E-09	1,000,000	7.55E-03
251	1.69291	0.00010824	1.83E-04	2.50E-04	4.59E-08	14	1.15E-02	7.37E-09	1,000,000	7.37E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
253	1.581	0.00010824	1.71E-04	2.50E-04	4.28E-08	14	1.15E-02	6.88E-09	1,000,000	6.88E-03
254	1.51551	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
255	1.4484	0.00010824	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
256	1.38024	0.00010824	1.49E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
257	1.60044	0.00010824	1.73E-04	2.50E-04	4.34E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
258	1.56234	0.00010824	1.69E-04	2.50E-04	4.23E-08	14	1.15E-02	6.80E-09	1,000,000	6.80E-03
259	1.51565	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
260	1.46251	0.00010824	1.58E-04	2.50E-04	3.96E-08	14	1.15E-02	6.36E-09	1,000,000	6.36E-03
261	1.40462	0.00010824	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
262	1.34521	0.00010824	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
263	1.28507	0.00010824	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.59E-09	1,000,000	5.59E-03
264	1.4823	0.00010824	1.60E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
265	1.4473	0.00010824	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
266	1.40515	0.00010824	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
267	1.35774	0.00010824	1.47E-04	2.50E-04	3.68E-08	14	1.15E-02	5.91E-09	1,000,000	5.91E-03
268	1.30679	0.00010824	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.69E-09	1,000,000	5.69E-03
269	1.2538	0.00010824	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03
270	1.20023	0.00010824	1.30E-04	2.50E-04	3.25E-08	14	1.15E-02	5.22E-09	1,000,000	5.22E-03
271	1.37731	0.00010824	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.99E-09	1,000,000	5.99E-03
272	1.34521	0.00010824	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
273	1.3071	0.00010824	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.69E-09	1,000,000	5.69E-03
274	1.26455	0.00010824	1.37E-04	2.50E-04	3.43E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
275	1.219	0.00010824	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
276	1.17187	0.00010824	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
277	1.1238	0.00010824	1.22E-04	2.50E-04	3.04E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
278	1.21678	0.00010824	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.29E-09	1,000,000	5.29E-03
279	1.2683	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.52E-09	1,000,000	5.52E-03
280	1.40304	0.00010824	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
281	1.38576	0.00010824	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.03E-09	1,000,000	6.03E-03
282	1.51777	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.60E-09	1,000,000	6.60E-03
283	1.26993	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	5.39637	0.00010824	5.84E-04	2.50E-04	1.46E-07	29	1.15E-02	4.92E-08	1,000,000	4.92E-02
27	5.83423	0.00010824	6.32E-04	2.50E-04	1.58E-07	29	1.15E-02	5.32E-08	1,000,000	5.32E-02
28	6.31405	0.00010824	6.83E-04	2.50E-04	1.71E-07	29	1.15E-02	5.76E-08	1,000,000	5.76E-02
29	6.83733	0.00010824	7.40E-04	2.50E-04	1.85E-07	29	1.15E-02	6.24E-08	1,000,000	6.24E-02
30	7.40425	0.00010824	8.01E-04	2.50E-04	2.01E-07	29	1.15E-02	6.75E-08	1,000,000	6.75E-02
31	8.0132	0.00010824	8.67E-04	2.50E-04	2.17E-07	29	1.15E-02	7.31E-08	1,000,000	7.31E-02
32	8.66003	0.00010824	9.37E-04	2.50E-04	2.35E-07	29	1.15E-02	7.90E-08	1,000,000	7.90E-02
33	9.33754	0.00010824	1.01E-03	2.50E-04	2.53E-07	29	1.15E-02	8.52E-08	1,000,000	8.52E-02
34	10.03344	0.00010824	1.09E-03	2.50E-04	2.72E-07	29	1.15E-02	9.15E-08	1,000,000	9.15E-02
35	10.72964	0.00010824	1.16E-03	2.50E-04	2.91E-07	29	1.15E-02	9.79E-08	1,000,000	9.79E-02
36	11.35609	0.00010824	1.23E-03	2.50E-04	3.08E-07	29	1.15E-02	1.04E-07	1,000,000	1.04E-01
37	5.89607	0.00010824	6.38E-04	2.50E-04	1.60E-07	29	1.15E-02	5.38E-08	1,000,000	5.38E-02
38	6.41369	0.00010824	6.94E-04	2.50E-04	1.74E-07	29	1.15E-02	5.85E-08	1,000,000	5.85E-02
39	6.98703	0.00010824	7.56E-04	2.50E-04	1.89E-07	29	1.15E-02	6.37E-08	1,000,000	6.37E-02
40	7.61966	0.00010824	8.25E-04	2.50E-04	2.06E-07	29	1.15E-02	6.95E-08	1,000,000	6.95E-02
41	8.31393	0.00010824	9.00E-04	2.50E-04	2.25E-07	29	1.15E-02	7.58E-08	1,000,000	7.58E-02
42	9.07001	0.00010824	9.82E-04	2.50E-04	2.46E-07	29	1.15E-02	8.27E-08	1,000,000	8.27E-02
43	9.88438	0.00010824	1.07E-03	2.50E-04	2.68E-07	29	1.15E-02	9.02E-08	1,000,000	9.02E-02
44	10.74801	0.00010824	1.16E-03	2.50E-04	2.91E-07	29	1.15E-02	9.80E-08	1,000,000	9.80E-02
45	11.6441	0.00010824	1.26E-03	2.50E-04	3.15E-07	29	1.15E-02	1.06E-07	1,000,000	1.06E-01
46	12.54914	0.00010824	1.36E-03	2.50E-04	3.40E-07	29	1.15E-02	1.14E-07	1,000,000	1.14E-01
47	13.36183	0.00010824	1.45E-03	2.50E-04	3.62E-07	29	1.15E-02	1.22E-07	1,000,000	1.22E-01
48	6.46214	0.00010824	6.99E-04	2.50E-04	1.75E-07	29	1.15E-02	5.89E-08	1,000,000	5.89E-02
49	7.07833	0.00010824	7.66E-04	2.50E-04	1.92E-07	29	1.15E-02	6.46E-08	1,000,000	6.46E-02
50	7.76943	0.00010824	8.41E-04	2.50E-04	2.10E-07	29	1.15E-02	7.09E-08	1,000,000	7.09E-02
51	8.54257	0.00010824	9.25E-04	2.50E-04	2.31E-07	29	1.15E-02	7.79E-08	1,000,000	7.79E-02
52	9.40417	0.00010824	1.02E-03	2.50E-04	2.55E-07	29	1.15E-02	8.58E-08	1,000,000	8.58E-02
53	10.35875	0.00010824	1.12E-03	2.50E-04	2.81E-07	29	1.15E-02	9.45E-08	1,000,000	9.45E-02
54	11.40625	0.00010824	1.23E-03	2.50E-04	3.09E-07	29	1.15E-02	1.04E-07	1,000,000	1.04E-01
55	12.53765	0.00010824	1.36E-03	2.50E-04	3.40E-07	29	1.15E-02	1.14E-07	1,000,000	1.14E-01
56	13.72996	0.00010824	1.49E-03	2.50E-04	3.72E-07	29	1.15E-02	1.25E-07	1,000,000	1.25E-01
57	14.95154	0.00010824	1.62E-03	2.50E-04	4.05E-07	29	1.15E-02	1.36E-07	1,000,000	1.36E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	1.74E-03	2.50E-04	4.35E-07	29	1.15E-02	1.46E-07	1,000,000	1.46E-01
59	7.10344	0.00010824	7.69E-04	2.50E-04	1.92E-07	29	1.15E-02	6.48E-08	1,000,000	6.48E-02
60	7.84157	0.00010824	8.49E-04	2.50E-04	2.12E-07	29	1.15E-02	7.15E-08	1,000,000	7.15E-02
61	8.68156	0.00010824	9.40E-04	2.50E-04	2.35E-07	29	1.15E-02	7.92E-08	1,000,000	7.92E-02
62	9.6368	0.00010824	1.04E-03	2.50E-04	2.61E-07	29	1.15E-02	8.79E-08	1,000,000	8.79E-02
63	10.72128	0.00010824	1.16E-03	2.50E-04	2.90E-07	29	1.15E-02	9.78E-08	1,000,000	9.78E-02
64	11.94868	0.00010824	1.29E-03	2.50E-04	3.24E-07	29	1.15E-02	1.09E-07	1,000,000	1.09E-01
65	13.32893	0.00010824	1.44E-03	2.50E-04	3.61E-07	29	1.15E-02	1.22E-07	1,000,000	1.22E-01
66	14.86004	0.00010824	1.61E-03	2.50E-04	4.03E-07	29	1.15E-02	1.36E-07	1,000,000	1.36E-01
67	16.51471	0.00010824	1.79E-03	2.50E-04	4.47E-07	29	1.15E-02	1.51E-07	1,000,000	1.51E-01
68	18.24918	0.00010824	1.98E-03	2.50E-04	4.94E-07	29	1.15E-02	1.66E-07	1,000,000	1.66E-01
69	19.82076	0.00010824	2.15E-03	2.50E-04	5.37E-07	29	1.15E-02	1.81E-07	1,000,000	1.81E-01
70	7.82961	0.00010824	8.48E-04	2.50E-04	2.12E-07	29	1.15E-02	7.14E-08	1,000,000	7.14E-02
71	8.71821	0.00010824	9.44E-04	2.50E-04	2.36E-07	29	1.15E-02	7.95E-08	1,000,000	7.95E-02
72	9.74637	0.00010824	1.05E-03	2.50E-04	2.64E-07	29	1.15E-02	8.89E-08	1,000,000	8.89E-02
73	10.93834	0.00010824	1.18E-03	2.50E-04	2.96E-07	29	1.15E-02	9.98E-08	1,000,000	9.98E-02
74	12.32248	0.00010824	1.33E-03	2.50E-04	3.34E-07	29	1.15E-02	1.12E-07	1,000,000	1.12E-01
75	13.93144	0.00010824	1.51E-03	2.50E-04	3.77E-07	29	1.15E-02	1.27E-07	1,000,000	1.27E-01
76	15.79951	0.00010824	1.71E-03	2.50E-04	4.28E-07	29	1.15E-02	1.44E-07	1,000,000	1.44E-01
77	17.95195	0.00010824	1.94E-03	2.50E-04	4.86E-07	29	1.15E-02	1.64E-07	1,000,000	1.64E-01
78	20.37615	0.00010824	2.21E-03	2.50E-04	5.52E-07	29	1.15E-02	1.86E-07	1,000,000	1.86E-01
79	23.01995	0.00010824	2.49E-03	2.50E-04	6.24E-07	29	1.15E-02	2.10E-07	1,000,000	2.10E-01
80	25.46748	0.00010824	2.76E-03	2.50E-04	6.90E-07	29	1.15E-02	2.32E-07	1,000,000	2.32E-01
81	8.65141	0.00010824	9.36E-04	2.50E-04	2.34E-07	29	1.15E-02	7.89E-08	1,000,000	7.89E-02
82	9.72488	0.00010824	1.05E-03	2.50E-04	2.63E-07	29	1.15E-02	8.87E-08	1,000,000	8.87E-02
83	10.98984	0.00010824	1.19E-03	2.50E-04	2.98E-07	29	1.15E-02	1.00E-07	1,000,000	1.00E-01
84	12.48868	0.00010824	1.35E-03	2.50E-04	3.38E-07	29	1.15E-02	1.14E-07	1,000,000	1.14E-01
85	14.27612	0.00010824	1.55E-03	2.50E-04	3.87E-07	29	1.15E-02	1.30E-07	1,000,000	1.30E-01
86	16.42377	0.00010824	1.78E-03	2.50E-04	4.45E-07	29	1.15E-02	1.50E-07	1,000,000	1.50E-01
87	19.02385	0.00010824	2.06E-03	2.50E-04	5.15E-07	29	1.15E-02	1.74E-07	1,000,000	1.74E-01
88	22.18373	0.00010824	2.40E-03	2.50E-04	6.01E-07	29	1.15E-02	2.02E-07	1,000,000	2.02E-01
89	25.98632	0.00010824	2.81E-03	2.50E-04	7.04E-07	29	1.15E-02	2.37E-07	1,000,000	2.37E-01
90	30.4538	0.00010824	3.30E-03	2.50E-04	8.25E-07	29	1.15E-02	2.78E-07	1,000,000	2.78E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	3.77E-03	2.50E-04	9.43E-07	29	1.15E-02	3.18E-07	1,000,000	3.18E-01
92	9.58095	0.00010824	1.04E-03	2.50E-04	2.60E-07	29	1.15E-02	8.74E-08	1,000,000	8.74E-02
93	10.88066	0.00010824	1.18E-03	2.50E-04	2.95E-07	29	1.15E-02	9.92E-08	1,000,000	9.92E-02
94	12.44204	0.00010824	1.35E-03	2.50E-04	3.37E-07	29	1.15E-02	1.13E-07	1,000,000	1.13E-01
95	14.33614	0.00010824	1.55E-03	2.50E-04	3.88E-07	29	1.15E-02	1.31E-07	1,000,000	1.31E-01
96	16.66277	0.00010824	1.80E-03	2.50E-04	4.51E-07	29	1.15E-02	1.52E-07	1,000,000	1.52E-01
97	19.56823	0.00010824	2.12E-03	2.50E-04	5.30E-07	29	1.15E-02	1.78E-07	1,000,000	1.78E-01
98	23.27452	0.00010824	2.52E-03	2.50E-04	6.31E-07	29	1.15E-02	2.12E-07	1,000,000	2.12E-01
99	28.11906	0.00010824	3.04E-03	2.50E-04	7.62E-07	29	1.15E-02	2.56E-07	1,000,000	2.56E-01
100	34.58268	0.00010824	3.74E-03	2.50E-04	9.37E-07	29	1.15E-02	3.15E-07	1,000,000	3.15E-01
101	43.35102	0.00010824	4.69E-03	2.50E-04	1.17E-06	29	1.15E-02	3.95E-07	1,000,000	3.95E-01
102	53.23316	0.00010824	5.76E-03	2.50E-04	1.44E-06	29	1.15E-02	4.86E-07	1,000,000	4.86E-01
103	16.0252	0.00010824	1.73E-03	2.50E-04	4.34E-07	29	1.15E-02	1.46E-07	1,000,000	1.46E-01
104	18.89481	0.00010824	2.05E-03	2.50E-04	5.12E-07	29	1.15E-02	1.72E-07	1,000,000	1.72E-01
105	23.15778	0.00010824	2.51E-03	2.50E-04	6.27E-07	29	1.15E-02	2.11E-07	1,000,000	2.11E-01
106	28.33904	0.00010824	3.07E-03	2.50E-04	7.68E-07	29	1.15E-02	2.58E-07	1,000,000	2.58E-01
107	36.54122	0.00010824	3.96E-03	2.50E-04	9.90E-07	29	1.15E-02	3.33E-07	1,000,000	3.33E-01
108	48.30707	0.00010824	5.23E-03	2.50E-04	1.31E-06	29	1.15E-02	4.41E-07	1,000,000	4.41E-01
109	68.94691	0.00010824	7.46E-03	2.50E-04	1.87E-06	29	1.15E-02	6.29E-07	1,000,000	6.29E-01
110	106.9279	0.00010824	1.16E-02	2.50E-04	2.90E-06	29	1.15E-02	9.75E-07	1,000,000	9.75E-01
111	13.79535	0.00010824	1.49E-03	2.50E-04	3.74E-07	29	1.15E-02	1.26E-07	1,000,000	1.26E-01
112	11.77374	0.00010824	1.27E-03	2.50E-04	3.19E-07	29	1.15E-02	1.07E-07	1,000,000	1.07E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	3.6E-02	School	3.0044	110	5	3.25E-05	0.00694	110	School
2	3.8E-02	Res	0.2142	140	5	3.45E-05	0.0002	140	Res
3	4.0E-02	Teachers	0.975	110	5	3.67E-05	0.00694	110	Teachers
4	4.3E-02				5	3.91E-05			
5	4.6E-02				5	4.19E-05			
6	3.6E-02				5	3.23E-05			
7	3.8E-02				5	3.42E-05			
8	4.0E-02				5	3.64E-05			
9	4.3E-02				5	3.89E-05			
10	4.6E-02				5	4.17E-05			
11	3.5E-02				5	3.20E-05			
12	3.7E-02				5	3.40E-05			
13	4.0E-02				5	3.62E-05			
14	4.3E-02				5	3.87E-05			
15	4.6E-02				5	4.15E-05			
16	3.5E-02				5	3.18E-05			
17	3.7E-02				5	3.38E-05			
18	4.0E-02				5	3.60E-05			
19	4.2E-02				5	3.84E-05			
20	4.5E-02				5	4.12E-05			
21	3.5E-02				5	3.16E-05			
22	3.7E-02				5	3.36E-05			
23	3.9E-02				5	3.58E-05			
24	4.2E-02				5	3.83E-05			
25	4.5E-02				5	4.10E-05			
113	1.9E-01				5	1.71E-04			
114	1.7E-01				5	1.54E-04			
115	1.5E-01				5	1.40E-04			
116	1.4E-01				5	1.28E-04			
117	1.9E-01				5	1.76E-04			
118	1.7E-01				5	1.58E-04			
119	1.6E-01				5	1.43E-04			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.4E-01				5	1.30E-04		
121	2.0E-01				5	1.81E-04		
122	1.8E-01				5	1.62E-04		
123	1.6E-01				5	1.46E-04		
124	1.5E-01				5	1.32E-04		
125	2.0E-01				5	1.85E-04		
126	1.8E-01				5	1.65E-04		
127	1.6E-01				5	1.48E-04		
128	1.5E-01				5	1.34E-04		
129	2.1E-01				5	1.88E-04		
130	1.8E-01				5	1.67E-04		
131	1.7E-01				5	1.50E-04		
132	1.5E-01				5	1.35E-04		
133	2.1E-01				5	1.91E-04		
134	1.9E-01				5	1.69E-04		
135	1.7E-01				5	1.51E-04		
136	1.5E-01				5	1.36E-04		
137	2.1E-01				5	1.93E-04		
138	1.7E-01				5	1.52E-04		
139	1.5E-01				5	1.37E-04		
140	2.1E-01				5	1.94E-04		
141	1.9E-01				5	1.72E-04		
142	1.7E-01				5	1.53E-04		
143	1.5E-01				5	1.37E-04		
144	2.1E-01				5	1.93E-04		
145	1.9E-01				5	1.71E-04		
146	1.7E-01				5	1.52E-04		
147	1.5E-01				5	1.37E-04		
148	2.1E-01				5	1.90E-04		
149	1.9E-01				5	1.68E-04		
150	1.7E-01				5	1.50E-04		
151	1.5E-01				5	1.35E-04		
152	2.0E-01				5	1.86E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.8E-01				5	1.65E-04		
154	1.6E-01				5	1.48E-04		
155	1.5E-01				5	1.33E-04		
156	2.0E-01				5	1.80E-04		
157	1.8E-01				5	1.61E-04		
158	1.6E-01				5	1.44E-04		
159	1.4E-01				5	1.30E-04		
160	1.9E-01				5	1.72E-04		
161	1.7E-01				5	1.55E-04		
162	1.5E-01				5	1.40E-04		
163	1.4E-01				5	1.27E-04		
164	1.8E-01				5	1.64E-04		
165	1.6E-01				5	1.48E-04		
166	1.5E-01				5	1.34E-04		
167	1.3E-01				5	1.22E-04		
168	1.7E-01				5	1.54E-04		
169	1.5E-01				5	1.40E-04		
170	1.4E-01				5	1.28E-04		
171	1.3E-01				5	1.17E-04		
172	1.6E-01				5	1.44E-04		
173	1.4E-01				5	1.31E-04		
174	1.3E-01				5	1.21E-04		
175	1.2E-01				5	1.11E-04		
176	1.5E-01				5	1.34E-04		
177	1.4E-01				5	1.23E-04		
178	1.2E-01				5	1.13E-04		
179	1.2E-01				5	1.05E-04		
180	1.4E-01				5	1.24E-04		
181	1.3E-01				5	1.15E-04		
182	1.2E-01				5	1.06E-04		
183	1.1E-01				5	9.88E-05		
184	1.9E-01				5	1.68E-04		
185	1.6E-01				5	1.43E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	1.4E-01				5	1.31E-04		
187	1.3E-01				5	1.20E-04		
188	1.2E-01				5	1.11E-04		
189	1.6E-01				5	1.43E-04		
190	1.4E-01				5	1.31E-04		
191	1.3E-01				5	1.21E-04		
192	1.2E-01				5	1.12E-04		
193	1.1E-01				5	1.04E-04		
194	1.4E-01				5	1.31E-04		
195	1.3E-01				5	1.20E-04		
196	1.2E-01				5	1.11E-04		
197	1.1E-01				5	1.03E-04		
198	1.1E-01				5	9.63E-05		
199	1.3E-01				5	1.21E-04		
200	1.2E-01				5	1.11E-04		
201	1.1E-01				5	1.03E-04		
202	1.1E-01				5	9.61E-05		
203	9.9E-02				5	8.98E-05		
204	1.7E-01				5	1.57E-04		
205	1.2E-01				5	1.12E-04		
206	1.1E-01				5	1.03E-04		
207	1.1E-01				5	9.61E-05		
208	9.9E-02				5	8.97E-05		
209	1.6E-01				5	1.43E-04		
210	1.5E-01				5	1.32E-04		
211	1.3E-01				5	1.21E-04		
212	1.2E-01				5	1.12E-04		
213	1.1E-01				5	1.04E-04		
214	1.1E-01				5	9.65E-05		
215	9.9E-02				5	8.99E-05		
216	1.5E-01				5	1.39E-04		
217	1.4E-01				5	1.29E-04		
218	1.3E-01				5	1.20E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.2E-01				5	1.12E-04		
220	1.1E-01				5	1.04E-04		
221	1.1E-01				5	9.72E-05		
222	1.4E-01				5	1.27E-04		
223	1.3E-01				5	1.19E-04		
224	1.2E-01				5	1.11E-04		
225	1.1E-01				5	1.04E-04		
226	1.1E-01				5	9.69E-05		
227	1.3E-01				5	1.16E-04		
228	1.2E-01				5	1.09E-04		
229	1.1E-01				5	1.02E-04		
230	1.1E-01				5	9.62E-05		
231	1.2E-01				5	1.07E-04		
232	1.1E-01				5	1.01E-04		
233	1.0E-01				5	9.51E-05		
234	9.9E-02				5	8.95E-05		
235	1.1E-01				5	9.90E-05		
236	1.0E-01				5	9.36E-05		
237	9.7E-02				5	8.84E-05		
238	9.2E-02				5	8.36E-05		
239	1.0E-01				5	9.19E-05		
240	9.6E-02				5	8.71E-05		
241	9.1E-02				5	8.25E-05		
242	8.6E-02				5	7.82E-05		
243	1.4E-01				5	1.23E-04		
244	1.3E-01				5	1.20E-04		
245	1.3E-01				5	1.16E-04		
246	1.2E-01				5	1.11E-04		
247	1.2E-01				5	1.07E-04		
248	1.1E-01				5	1.02E-04		
249	1.1E-01				5	9.67E-05		
250	1.2E-01				5	1.13E-04		
251	1.2E-01				5	1.10E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.2E-01				5	1.07E-04		
253	1.1E-01				5	1.03E-04		
254	1.1E-01				5	9.84E-05		
255	1.0E-01				5	9.41E-05		
256	9.9E-02				5	8.96E-05		
257	1.1E-01				5	1.04E-04		
258	1.1E-01				5	1.01E-04		
259	1.1E-01				5	9.84E-05		
260	1.0E-01				5	9.50E-05		
261	1.0E-01				5	9.12E-05		
262	9.6E-02				5	8.74E-05		
263	9.2E-02				5	8.35E-05		
264	1.1E-01				5	9.63E-05		
265	1.0E-01				5	9.40E-05		
266	1.0E-01				5	9.13E-05		
267	9.7E-02				5	8.82E-05		
268	9.4E-02				5	8.49E-05		
269	9.0E-02				5	8.14E-05		
270	8.6E-02				5	7.80E-05		
271	9.9E-02				5	8.95E-05		
272	9.6E-02				5	8.74E-05		
273	9.4E-02				5	8.49E-05		
274	9.1E-02				5	8.21E-05		
275	8.7E-02				5	7.92E-05		
276	8.4E-02				5	7.61E-05		
277	8.0E-02				5	7.30E-05		
278	8.7E-02				5	7.90E-05		
279	9.1E-02				5	8.24E-05		
280	1.0E-01				5	9.11E-05		
281	9.9E-02				5	9.00E-05		
282	1.1E-01				5	9.86E-05		
283	9.1E-02				5	8.25E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	1.5E-01	4.9E-02			5	3.50E-04		
27	1.6E-01	5.3E-02			5	3.79E-04		
28	1.8E-01	5.8E-02			5	4.10E-04		
29	1.9E-01	6.2E-02			5	4.44E-04		
30	2.1E-01	6.8E-02			5	4.81E-04		
31	2.3E-01	7.3E-02			5	5.20E-04		
32	2.4E-01	7.9E-02			5	5.62E-04		
33	2.6E-01	8.5E-02			5	6.06E-04		
34	2.8E-01	9.2E-02			5	6.52E-04		
35	3.0E-01	9.8E-02			5	6.97E-04		
36	3.2E-01	1.0E-01			5	7.38E-04		
37	1.7E-01	5.4E-02			5	3.83E-04		
38	1.8E-01	5.8E-02			5	4.17E-04		
39	2.0E-01	6.4E-02			5	4.54E-04		
40	2.1E-01	6.9E-02			5	4.95E-04		
41	2.3E-01	7.6E-02			5	5.40E-04		
42	2.5E-01	8.3E-02			5	5.89E-04		
43	2.8E-01	9.0E-02			5	6.42E-04		
44	3.0E-01	9.8E-02			5	6.98E-04		
45	3.3E-01	1.1E-01			5	7.56E-04		
46	3.5E-01	1.1E-01			5	8.15E-04		
47	3.8E-01	1.2E-01			5	8.68E-04		
48	1.8E-01	5.9E-02			5	4.20E-04		
49	2.0E-01	6.5E-02			5	4.60E-04		
50	2.2E-01	7.1E-02			5	5.05E-04		
51	2.4E-01	7.8E-02			5	5.55E-04		
52	2.6E-01	8.6E-02			5	6.11E-04		
53	2.9E-01	9.4E-02			5	6.73E-04		
54	3.2E-01	1.0E-01			5	7.41E-04		
55	3.5E-01	1.1E-01			5	8.14E-04		
56	3.9E-01	1.3E-01			5	8.92E-04		
57	4.2E-01	1.4E-01			5	9.71E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	4.5E-01	1.5E-01			5	1.04E-03		
59	2.0E-01	6.5E-02			5	4.61E-04		
60	2.2E-01	7.2E-02			5	5.09E-04		
61	2.4E-01	7.9E-02			5	5.64E-04		
62	2.7E-01	8.8E-02			5	6.26E-04		
63	3.0E-01	9.8E-02			5	6.96E-04		
64	3.4E-01	1.1E-01			5	7.76E-04		
65	3.7E-01	1.2E-01			5	8.66E-04		
66	4.2E-01	1.4E-01			5	9.65E-04		
67	4.6E-01	1.5E-01			5	1.07E-03		
68	5.1E-01	1.7E-01			5	1.19E-03		
69	5.6E-01	1.8E-01			5	1.29E-03		
70	2.2E-01	7.1E-02			5	5.09E-04		
71	2.4E-01	8.0E-02			5	5.66E-04		
72	2.7E-01	8.9E-02			5	6.33E-04		
73	3.1E-01	1.0E-01			5	7.10E-04		
74	3.5E-01	1.1E-01			5	8.00E-04		
75	3.9E-01	1.3E-01			5	9.05E-04		
76	4.4E-01	1.4E-01			5	1.03E-03		
77	5.0E-01	1.6E-01			5	1.17E-03		
78	5.7E-01	1.9E-01			5	1.32E-03		
79	6.5E-01	2.1E-01			5	1.50E-03		
80	7.2E-01	2.3E-01			5	1.65E-03		
81	2.4E-01	7.9E-02			5	5.62E-04		
82	2.7E-01	8.9E-02			5	6.32E-04		
83	3.1E-01	1.0E-01			5	7.14E-04		
84	3.5E-01	1.1E-01			5	8.11E-04		
85	4.0E-01	1.3E-01			5	9.27E-04		
86	4.6E-01	1.5E-01			5	1.07E-03		
87	5.3E-01	1.7E-01			5	1.24E-03		
88	6.2E-01	2.0E-01			5	1.44E-03		
89	7.3E-01	2.4E-01			5	1.69E-03		
90	8.6E-01	2.8E-01			5	1.98E-03		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	9.8E-01	3.2E-01			5	2.26E-03		
92	2.7E-01	8.7E-02			5	6.22E-04		
93	3.1E-01	9.9E-02			5	7.07E-04		
94	3.5E-01	1.1E-01			5	8.08E-04		
95	4.0E-01	1.3E-01			5	9.31E-04		
96	4.7E-01	1.5E-01			5	1.08E-03		
97	5.5E-01	1.8E-01			5	1.27E-03		
98	6.5E-01	2.1E-01			5	1.51E-03		
99	7.9E-01	2.6E-01			5	1.83E-03		
100	9.7E-01	3.2E-01			5	2.25E-03		
101	1.2E+00	4.0E-01			5	2.82E-03		
102	1.5E+00	4.9E-01			5	3.46E-03		
103	4.5E-01	1.5E-01			5	1.04E-03		
104	5.3E-01	1.7E-01			5	1.23E-03		
105	6.5E-01	2.1E-01			5	1.50E-03		
106	8.0E-01	2.6E-01			5	1.84E-03		
107	1.0E+00	3.3E-01			5	2.37E-03		
108	1.4E+00	4.4E-01			5	3.14E-03		
109	1.9E+00	6.3E-01			5	4.48E-03		
110	3.0E+00	9.8E-01			5	6.94E-03		
111	3.9E-01	1.3E-01			5	8.96E-04		
112	3.3E-01	1.1E-01			5	7.65E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

					Cancer Risk From Idle 1 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	**1.20E-04**	6.78E-05	1.05E-03	7.08E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
2	0.60114	0.00012006	7.2171E-05	1.05E-03	7.54E-08	1.35	1.57E-01	1.60E-08	1,000,000	1.60E-02
3	0.64273	0.00012006	7.7164E-05	1.05E-03	8.07E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
4	0.68837	0.00012006	8.2643E-05	1.05E-03	8.64E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
5	0.74036	0.00012006	8.8885E-05	1.05E-03	9.29E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
6	0.55999	0.00012006	6.723E-05	1.05E-03	7.03E-08	1.35	1.57E-01	1.49E-08	1,000,000	1.49E-02
7	0.59618	0.00012006	7.1575E-05	1.05E-03	7.48E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
8	0.63685	0.00012006	7.6458E-05	1.05E-03	7.99E-08	1.35	1.57E-01	1.70E-08	1,000,000	1.70E-02
9	0.6836	0.00012006	8.2071E-05	1.05E-03	8.58E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
10	0.73536	0.00012006	8.8285E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
11	0.55509	0.00012006	6.6642E-05	1.05E-03	6.97E-08	1.35	1.57E-01	1.48E-08	1,000,000	1.48E-02
12	0.59123	0.00012006	7.0981E-05	1.05E-03	7.42E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
13	0.63205	0.00012006	7.5882E-05	1.05E-03	7.93E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
14	0.67915	0.00012006	8.1536E-05	1.05E-03	8.52E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
15	0.73118	0.00012006	8.7783E-05	1.05E-03	9.18E-08	1.35	1.57E-01	1.95E-08	1,000,000	1.95E-02
16	0.55062	0.00012006	6.6105E-05	1.05E-03	6.91E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
17	0.58711	0.00012006	7.0486E-05	1.05E-03	7.37E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
18	0.62788	0.00012006	7.5381E-05	1.05E-03	7.88E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
19	0.67344	0.00012006	8.0851E-05	1.05E-03	8.45E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
20	0.72609	0.00012006	8.7172E-05	1.05E-03	9.11E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
21	0.54693	0.00012006	6.5662E-05	1.05E-03	6.86E-08	1.35	1.57E-01	1.46E-08	1,000,000	1.46E-02
22	0.58339	0.00012006	7.004E-05	1.05E-03	7.32E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
23	0.62444	0.00012006	7.4968E-05	1.05E-03	7.84E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
24	0.67053	0.00012006	8.0501E-05	1.05E-03	8.41E-08	1.35	1.57E-01	1.78E-08	1,000,000	1.78E-02
25	0.72214	0.00012006	8.6698E-05	1.05E-03	9.06E-08	1.35	1.57E-01	1.92E-08	1,000,000	1.92E-02
113	2.01373	0.00012006	0.00024176	1.05E-03	2.53E-07	1.35	1.57E-01	5.36E-08	1,000,000	5.36E-02
114	1.85353	0.00012006	0.00022253	1.05E-03	2.33E-07	1.35	1.57E-01	4.93E-08	1,000,000	4.93E-02
115	1.70983	0.00012006	0.00020528	1.05E-03	2.15E-07	1.35	1.57E-01	4.55E-08	1,000,000	4.55E-02
116	1.58117	0.00012006	0.00018983	1.05E-03	1.98E-07	1.35	1.57E-01	4.21E-08	1,000,000	4.21E-02
117	2.07024	0.00012006	0.00024855	1.05E-03	2.60E-07	1.35	1.57E-01	5.51E-08	1,000,000	5.51E-02
118	1.89846	0.00012006	0.00022792	1.05E-03	2.38E-07	1.35	1.57E-01	5.05E-08	1,000,000	5.05E-02
119	1.74596	0.00012006	0.00020961	1.05E-03	2.19E-07	1.35	1.57E-01	4.65E-08	1,000,000	4.65E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	0.00019334	1.05E-03	2.02E-07	1.35	1.57E-01	4.29E-08	1,000,000	4.29E-02
121	2.12262	0.00012006	0.00025483	1.05E-03	2.66E-07	1.35	1.57E-01	5.65E-08	1,000,000	5.65E-02
122	1.93984	0.00012006	0.00023289	1.05E-03	2.43E-07	1.35	1.57E-01	5.16E-08	1,000,000	5.16E-02
123	1.77889	0.00012006	0.00021357	1.05E-03	2.23E-07	1.35	1.57E-01	4.74E-08	1,000,000	4.74E-02
124	1.6367	0.00012006	0.0001965	1.05E-03	2.05E-07	1.35	1.57E-01	4.36E-08	1,000,000	4.36E-02
125	2.17027	0.00012006	0.00026055	1.05E-03	2.72E-07	1.35	1.57E-01	5.78E-08	1,000,000	5.78E-02
126	1.97705	0.00012006	0.00023736	1.05E-03	2.48E-07	1.35	1.57E-01	5.26E-08	1,000,000	5.26E-02
127	1.8081	0.00012006	0.00021707	1.05E-03	2.27E-07	1.35	1.57E-01	4.81E-08	1,000,000	4.81E-02
128	1.65978	0.00012006	0.00019927	1.05E-03	2.08E-07	1.35	1.57E-01	4.42E-08	1,000,000	4.42E-02
129	2.21247	0.00012006	0.00026562	1.05E-03	2.78E-07	1.35	1.57E-01	5.89E-08	1,000,000	5.89E-02
130	2.0096	0.00012006	0.00024127	1.05E-03	2.52E-07	1.35	1.57E-01	5.35E-08	1,000,000	5.35E-02
131	1.83346	0.00012006	0.00022012	1.05E-03	2.30E-07	1.35	1.57E-01	4.88E-08	1,000,000	4.88E-02
132	1.67977	0.00012006	0.00020167	1.05E-03	2.11E-07	1.35	1.57E-01	4.47E-08	1,000,000	4.47E-02
133	2.24884	0.00012006	0.00026999	1.05E-03	2.82E-07	1.35	1.57E-01	5.99E-08	1,000,000	5.99E-02
134	2.03754	0.00012006	0.00024462	1.05E-03	2.56E-07	1.35	1.57E-01	5.42E-08	1,000,000	5.42E-02
135	1.8553	0.00012006	0.00022274	1.05E-03	2.33E-07	1.35	1.57E-01	4.94E-08	1,000,000	4.94E-02
136	1.69717	0.00012006	0.00020376	1.05E-03	2.13E-07	1.35	1.57E-01	4.52E-08	1,000,000	4.52E-02
137	2.27975	0.00012006	0.0002737	1.05E-03	2.86E-07	1.35	1.57E-01	6.07E-08	1,000,000	6.07E-02
138	1.87421	0.00012006	0.00022501	1.05E-03	2.35E-07	1.35	1.57E-01	4.99E-08	1,000,000	4.99E-02
139	1.71241	0.00012006	0.00020559	1.05E-03	2.15E-07	1.35	1.57E-01	4.56E-08	1,000,000	4.56E-02
140	2.34318	0.00012006	0.00028131	1.05E-03	2.94E-07	1.35	1.57E-01	6.24E-08	1,000,000	6.24E-02
141	2.11018	0.00012006	0.00025334	1.05E-03	2.65E-07	1.35	1.57E-01	5.62E-08	1,000,000	5.62E-02
142	1.91196	0.00012006	0.00022954	1.05E-03	2.40E-07	1.35	1.57E-01	5.09E-08	1,000,000	5.09E-02
143	1.74181	0.00012006	0.00020912	1.05E-03	2.19E-07	1.35	1.57E-01	4.64E-08	1,000,000	4.64E-02
144	2.35204	0.00012006	0.00028238	1.05E-03	2.95E-07	1.35	1.57E-01	6.26E-08	1,000,000	6.26E-02
145	2.11612	0.00012006	0.00025405	1.05E-03	2.66E-07	1.35	1.57E-01	5.63E-08	1,000,000	5.63E-02
146	1.91583	0.00012006	0.00023001	1.05E-03	2.40E-07	1.35	1.57E-01	5.10E-08	1,000,000	5.10E-02
147	1.74419	0.00012006	0.0002094	1.05E-03	2.19E-07	1.35	1.57E-01	4.64E-08	1,000,000	4.64E-02
148	2.35363	0.00012006	0.00028257	1.05E-03	2.95E-07	1.35	1.57E-01	6.27E-08	1,000,000	6.27E-02
149	2.11631	0.00012006	0.00025408	1.05E-03	2.66E-07	1.35	1.57E-01	5.63E-08	1,000,000	5.63E-02
150	1.91513	0.00012006	0.00022992	1.05E-03	2.40E-07	1.35	1.57E-01	5.10E-08	1,000,000	5.10E-02
151	1.74294	0.00012006	0.00020925	1.05E-03	2.19E-07	1.35	1.57E-01	4.64E-08	1,000,000	4.64E-02
152	2.34786	0.00012006	0.00028188	1.05E-03	2.95E-07	1.35	1.57E-01	6.25E-08	1,000,000	6.25E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	0.00025341	1.05E-03	2.65E-07	1.35	1.57E-01	5.62E-08	1,000,000	5.62E-02
154	1.90986	0.00012006	0.00022929	1.05E-03	2.40E-07	1.35	1.57E-01	5.08E-08	1,000,000	5.08E-02
155	1.73802	0.00012006	0.00020866	1.05E-03	2.18E-07	1.35	1.57E-01	4.63E-08	1,000,000	4.63E-02
156	2.33332	0.00012006	0.00028013	1.05E-03	2.93E-07	1.35	1.57E-01	6.21E-08	1,000,000	6.21E-02
157	2.09814	0.00012006	0.0002519	1.05E-03	2.63E-07	1.35	1.57E-01	5.59E-08	1,000,000	5.59E-02
158	1.89889	0.00012006	0.00022797	1.05E-03	2.38E-07	1.35	1.57E-01	5.05E-08	1,000,000	5.05E-02
159	1.72842	0.00012006	0.00020751	1.05E-03	2.17E-07	1.35	1.57E-01	4.60E-08	1,000,000	4.60E-02
160	2.3074	0.00012006	0.00027702	1.05E-03	2.90E-07	1.35	1.57E-01	6.14E-08	1,000,000	6.14E-02
161	2.07635	0.00012006	0.00024928	1.05E-03	2.61E-07	1.35	1.57E-01	5.53E-08	1,000,000	5.53E-02
162	1.88037	0.00012006	0.00022575	1.05E-03	2.36E-07	1.35	1.57E-01	5.01E-08	1,000,000	5.01E-02
163	1.71227	0.00012006	0.00020557	1.05E-03	2.15E-07	1.35	1.57E-01	4.56E-08	1,000,000	4.56E-02
164	2.26841	0.00012006	0.00027234	1.05E-03	2.85E-07	1.35	1.57E-01	6.04E-08	1,000,000	6.04E-02
165	2.044	0.00012006	0.0002454	1.05E-03	2.56E-07	1.35	1.57E-01	5.44E-08	1,000,000	5.44E-02
166	1.85166	0.00012006	0.0002223	1.05E-03	2.32E-07	1.35	1.57E-01	4.93E-08	1,000,000	4.93E-02
167	1.68788	0.00012006	0.00020264	1.05E-03	2.12E-07	1.35	1.57E-01	4.49E-08	1,000,000	4.49E-02
168	2.21614	0.00012006	0.00026606	1.05E-03	2.78E-07	1.35	1.57E-01	5.90E-08	1,000,000	5.90E-02
169	2.00116	0.00012006	0.00024025	1.05E-03	2.51E-07	1.35	1.57E-01	5.33E-08	1,000,000	5.33E-02
170	1.81572	0.00012006	0.00021799	1.05E-03	2.28E-07	1.35	1.57E-01	4.83E-08	1,000,000	4.83E-02
171	1.65787	0.00012006	0.00019904	1.05E-03	2.08E-07	1.35	1.57E-01	4.41E-08	1,000,000	4.41E-02
172	2.14968	0.00012006	0.00025808	1.05E-03	2.70E-07	1.35	1.57E-01	5.72E-08	1,000,000	5.72E-02
173	1.94767	0.00012006	0.00023383	1.05E-03	2.44E-07	1.35	1.57E-01	5.18E-08	1,000,000	5.18E-02
174	1.77211	0.00012006	0.00021275	1.05E-03	2.22E-07	1.35	1.57E-01	4.72E-08	1,000,000	4.72E-02
175	1.62139	0.00012006	0.00019466	1.05E-03	2.03E-07	1.35	1.57E-01	4.32E-08	1,000,000	4.32E-02
176	2.06593	0.00012006	0.00024803	1.05E-03	2.59E-07	1.35	1.57E-01	5.50E-08	1,000,000	5.50E-02
177	1.88146	0.00012006	0.00022588	1.05E-03	2.36E-07	1.35	1.57E-01	5.01E-08	1,000,000	5.01E-02
178	1.71889	0.00012006	0.00020636	1.05E-03	2.16E-07	1.35	1.57E-01	4.58E-08	1,000,000	4.58E-02
179	1.57781	0.00012006	0.00018943	1.05E-03	1.98E-07	1.35	1.57E-01	4.20E-08	1,000,000	4.20E-02
180	1.96171	0.00012006	0.00023552	1.05E-03	2.46E-07	1.35	1.57E-01	5.22E-08	1,000,000	5.22E-02
181	1.79887	0.00012006	0.00021597	1.05E-03	2.26E-07	1.35	1.57E-01	4.79E-08	1,000,000	4.79E-02
182	1.65349	0.00012006	0.00019851	1.05E-03	2.07E-07	1.35	1.57E-01	4.40E-08	1,000,000	4.40E-02
183	1.52517	0.00012006	0.00018311	1.05E-03	1.91E-07	1.35	1.57E-01	4.06E-08	1,000,000	4.06E-02
184	2.4477	0.00012006	0.00029386	1.05E-03	3.07E-07	1.35	1.57E-01	6.52E-08	1,000,000	6.52E-02
185	2.27413	0.00012006	0.00027302	1.05E-03	2.85E-07	1.35	1.57E-01	6.05E-08	1,000,000	6.05E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	0.00025051	1.05E-03	2.62E-07	1.35	1.57E-01	5.55E-08	1,000,000	5.55E-02
187	1.91802	0.00012006	0.00023027	1.05E-03	2.41E-07	1.35	1.57E-01	5.11E-08	1,000,000	5.11E-02
188	1.76542	0.00012006	0.00021195	1.05E-03	2.22E-07	1.35	1.57E-01	4.70E-08	1,000,000	4.70E-02
189	2.24493	0.00012006	0.00026952	1.05E-03	2.82E-07	1.35	1.57E-01	5.98E-08	1,000,000	5.98E-02
190	2.07497	0.00012006	0.00024911	1.05E-03	2.60E-07	1.35	1.57E-01	5.52E-08	1,000,000	5.52E-02
191	1.9229	0.00012006	0.00023086	1.05E-03	2.41E-07	1.35	1.57E-01	5.12E-08	1,000,000	5.12E-02
192	1.78476	0.00012006	0.00021427	1.05E-03	2.24E-07	1.35	1.57E-01	4.75E-08	1,000,000	4.75E-02
193	1.6568	0.00012006	0.00019891	1.05E-03	2.08E-07	1.35	1.57E-01	4.41E-08	1,000,000	4.41E-02
194	2.03128	0.00012006	0.00024387	1.05E-03	2.55E-07	1.35	1.57E-01	5.41E-08	1,000,000	5.41E-02
195	1.88645	0.00012006	0.00022648	1.05E-03	2.37E-07	1.35	1.57E-01	5.02E-08	1,000,000	5.02E-02
196	1.75923	0.00012006	0.00021121	1.05E-03	2.21E-07	1.35	1.57E-01	4.68E-08	1,000,000	4.68E-02
197	1.6438	0.00012006	0.00019735	1.05E-03	2.06E-07	1.35	1.57E-01	4.38E-08	1,000,000	4.38E-02
198	1.53965	0.00012006	0.00018484	1.05E-03	1.93E-07	1.35	1.57E-01	4.10E-08	1,000,000	4.10E-02
199	1.85427	0.00012006	0.00022262	1.05E-03	2.33E-07	1.35	1.57E-01	4.94E-08	1,000,000	4.94E-02
200	1.7227	0.00012006	0.00020682	1.05E-03	2.16E-07	1.35	1.57E-01	4.59E-08	1,000,000	4.59E-02
201	1.60957	0.00012006	0.00019324	1.05E-03	2.02E-07	1.35	1.57E-01	4.28E-08	1,000,000	4.28E-02
202	1.51041	0.00012006	0.00018133	1.05E-03	1.90E-07	1.35	1.57E-01	4.02E-08	1,000,000	4.02E-02
203	1.42209	0.00012006	0.00017073	1.05E-03	1.78E-07	1.35	1.57E-01	3.79E-08	1,000,000	3.79E-02
204	2.47495	0.00012006	0.00029713	1.05E-03	3.11E-07	1.35	1.57E-01	6.59E-08	1,000,000	6.59E-02
205	1.71146	0.00012006	0.00020547	1.05E-03	2.15E-07	1.35	1.57E-01	4.56E-08	1,000,000	4.56E-02
206	1.58769	0.00012006	0.00019061	1.05E-03	1.99E-07	1.35	1.57E-01	4.23E-08	1,000,000	4.23E-02
207	1.48153	0.00012006	0.00017787	1.05E-03	1.86E-07	1.35	1.57E-01	3.94E-08	1,000,000	3.94E-02
208	1.39187	0.00012006	0.0001671	1.05E-03	1.75E-07	1.35	1.57E-01	3.71E-08	1,000,000	3.71E-02
209	2.27051	0.00012006	0.00027259	1.05E-03	2.85E-07	1.35	1.57E-01	6.04E-08	1,000,000	6.04E-02
210	2.06733	0.00012006	0.0002482	1.05E-03	2.59E-07	1.35	1.57E-01	5.50E-08	1,000,000	5.50E-02
211	1.8875	0.00012006	0.00022661	1.05E-03	2.37E-07	1.35	1.57E-01	5.02E-08	1,000,000	5.02E-02
212	1.73058	0.00012006	0.00020777	1.05E-03	2.17E-07	1.35	1.57E-01	4.61E-08	1,000,000	4.61E-02
213	1.59451	0.00012006	0.00019143	1.05E-03	2.00E-07	1.35	1.57E-01	4.24E-08	1,000,000	4.24E-02
214	1.47697	0.00012006	0.00017732	1.05E-03	1.85E-07	1.35	1.57E-01	3.93E-08	1,000,000	3.93E-02
215	1.37677	0.00012006	0.00016529	1.05E-03	1.73E-07	1.35	1.57E-01	3.67E-08	1,000,000	3.67E-02
216	2.26156	0.00012006	0.00027151	1.05E-03	2.84E-07	1.35	1.57E-01	6.02E-08	1,000,000	6.02E-02
217	2.08435	0.00012006	0.00025024	1.05E-03	2.62E-07	1.35	1.57E-01	5.55E-08	1,000,000	5.55E-02
218	1.92093	0.00012006	0.00023062	1.05E-03	2.41E-07	1.35	1.57E-01	5.11E-08	1,000,000	5.11E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	0.00021295	1.05E-03	2.23E-07	1.35	1.57E-01	4.72E-08	1,000,000	4.72E-02
220	1.63848	0.00012006	0.00019671	1.05E-03	2.06E-07	1.35	1.57E-01	4.36E-08	1,000,000	4.36E-02
221	1.5155	0.00012006	0.00018195	1.05E-03	1.90E-07	1.35	1.57E-01	4.03E-08	1,000,000	4.03E-02
222	2.06423	0.00012006	0.00024782	1.05E-03	2.59E-07	1.35	1.57E-01	5.50E-08	1,000,000	5.50E-02
223	1.91261	0.00012006	0.00022962	1.05E-03	2.40E-07	1.35	1.57E-01	5.09E-08	1,000,000	5.09E-02
224	1.77389	0.00012006	0.00021297	1.05E-03	2.23E-07	1.35	1.57E-01	4.72E-08	1,000,000	4.72E-02
225	1.64726	0.00012006	0.00019776	1.05E-03	2.07E-07	1.35	1.57E-01	4.39E-08	1,000,000	4.39E-02
226	1.52949	0.00012006	0.00018363	1.05E-03	1.92E-07	1.35	1.57E-01	4.07E-08	1,000,000	4.07E-02
227	1.89126	0.00012006	0.00022706	1.05E-03	2.37E-07	1.35	1.57E-01	5.03E-08	1,000,000	5.03E-02
228	1.76092	0.00012006	0.00021141	1.05E-03	2.21E-07	1.35	1.57E-01	4.69E-08	1,000,000	4.69E-02
229	1.64208	0.00012006	0.00019714	1.05E-03	2.06E-07	1.35	1.57E-01	4.37E-08	1,000,000	4.37E-02
230	1.53118	0.00012006	0.00018383	1.05E-03	1.92E-07	1.35	1.57E-01	4.08E-08	1,000,000	4.08E-02
231	1.73891	0.00012006	0.00020877	1.05E-03	2.18E-07	1.35	1.57E-01	4.63E-08	1,000,000	4.63E-02
232	1.62724	0.00012006	0.00019536	1.05E-03	2.04E-07	1.35	1.57E-01	4.33E-08	1,000,000	4.33E-02
233	1.52385	0.00012006	0.00018295	1.05E-03	1.91E-07	1.35	1.57E-01	4.06E-08	1,000,000	4.06E-02
234	1.42723	0.00012006	0.00017135	1.05E-03	1.79E-07	1.35	1.57E-01	3.80E-08	1,000,000	3.80E-02
235	1.60542	0.00012006	0.00019274	1.05E-03	2.01E-07	1.35	1.57E-01	4.27E-08	1,000,000	4.27E-02
236	1.50836	0.00012006	0.00018109	1.05E-03	1.89E-07	1.35	1.57E-01	4.02E-08	1,000,000	4.02E-02
237	1.41726	0.00012006	0.00017015	1.05E-03	1.78E-07	1.35	1.57E-01	3.77E-08	1,000,000	3.77E-02
238	1.33315	0.00012006	0.00016005	1.05E-03	1.67E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
239	1.4874	0.00012006	0.00017857	1.05E-03	1.87E-07	1.35	1.57E-01	3.96E-08	1,000,000	3.96E-02
240	1.40209	0.00012006	0.00016833	1.05E-03	1.76E-07	1.35	1.57E-01	3.73E-08	1,000,000	3.73E-02
241	1.32178	0.00012006	0.00015869	1.05E-03	1.66E-07	1.35	1.57E-01	3.52E-08	1,000,000	3.52E-02
242	1.24785	0.00012006	0.00014981	1.05E-03	1.57E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
243	2.15522	0.00012006	0.00025875	1.05E-03	2.70E-07	1.35	1.57E-01	5.74E-08	1,000,000	5.74E-02
244	2.07335	0.00012006	0.00024892	1.05E-03	2.60E-07	1.35	1.57E-01	5.52E-08	1,000,000	5.52E-02
245	1.97921	0.00012006	0.00023762	1.05E-03	2.48E-07	1.35	1.57E-01	5.27E-08	1,000,000	5.27E-02
246	1.87837	0.00012006	0.00022551	1.05E-03	2.36E-07	1.35	1.57E-01	5.00E-08	1,000,000	5.00E-02
247	1.7751	0.00012006	0.00021311	1.05E-03	2.23E-07	1.35	1.57E-01	4.73E-08	1,000,000	4.73E-02
248	1.6755	0.00012006	0.00020115	1.05E-03	2.10E-07	1.35	1.57E-01	4.46E-08	1,000,000	4.46E-02
249	1.58042	0.00012006	0.00018974	1.05E-03	1.98E-07	1.35	1.57E-01	4.21E-08	1,000,000	4.21E-02
250	1.96457	0.00012006	0.00023586	1.05E-03	2.47E-07	1.35	1.57E-01	5.23E-08	1,000,000	5.23E-02
251	1.89248	0.00012006	0.0002272	1.05E-03	2.37E-07	1.35	1.57E-01	5.04E-08	1,000,000	5.04E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	0.00021736	1.05E-03	2.27E-07	1.35	1.57E-01	4.82E-08	1,000,000	4.82E-02
253	1.72307	0.00012006	0.00020687	1.05E-03	2.16E-07	1.35	1.57E-01	4.59E-08	1,000,000	4.59E-02
254	1.63344	0.00012006	0.00019611	1.05E-03	2.05E-07	1.35	1.57E-01	4.35E-08	1,000,000	4.35E-02
255	1.5467	0.00012006	0.00018569	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
256	1.46272	0.00012006	0.00017561	1.05E-03	1.84E-07	1.35	1.57E-01	3.89E-08	1,000,000	3.89E-02
257	1.79946	0.00012006	0.00021604	1.05E-03	2.26E-07	1.35	1.57E-01	4.79E-08	1,000,000	4.79E-02
258	1.73564	0.00012006	0.00020837	1.05E-03	2.18E-07	1.35	1.57E-01	4.62E-08	1,000,000	4.62E-02
259	1.66381	0.00012006	0.00019975	1.05E-03	2.09E-07	1.35	1.57E-01	4.43E-08	1,000,000	4.43E-02
260	1.58746	0.00012006	0.00019058	1.05E-03	1.99E-07	1.35	1.57E-01	4.23E-08	1,000,000	4.23E-02
261	1.50917	0.00012006	0.00018119	1.05E-03	1.89E-07	1.35	1.57E-01	4.02E-08	1,000,000	4.02E-02
262	1.43302	0.00012006	0.00017204	1.05E-03	1.80E-07	1.35	1.57E-01	3.81E-08	1,000,000	3.81E-02
263	1.35936	0.00012006	0.0001632	1.05E-03	1.71E-07	1.35	1.57E-01	3.62E-08	1,000,000	3.62E-02
264	1.6558	0.00012006	0.00019879	1.05E-03	2.08E-07	1.35	1.57E-01	4.41E-08	1,000,000	4.41E-02
265	1.59884	0.00012006	0.00019195	1.05E-03	2.01E-07	1.35	1.57E-01	4.26E-08	1,000,000	4.26E-02
266	1.53533	0.00012006	0.00018433	1.05E-03	1.93E-07	1.35	1.57E-01	4.09E-08	1,000,000	4.09E-02
267	1.46825	0.00012006	0.00017627	1.05E-03	1.84E-07	1.35	1.57E-01	3.91E-08	1,000,000	3.91E-02
268	1.40011	0.00012006	0.00016809	1.05E-03	1.76E-07	1.35	1.57E-01	3.73E-08	1,000,000	3.73E-02
269	1.3327	0.00012006	0.00016	1.05E-03	1.67E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
270	1.26741	0.00012006	0.00015216	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
271	1.52937	0.00012006	0.00018361	1.05E-03	1.92E-07	1.35	1.57E-01	4.07E-08	1,000,000	4.07E-02
272	1.47846	0.00012006	0.0001775	1.05E-03	1.86E-07	1.35	1.57E-01	3.94E-08	1,000,000	3.94E-02
273	1.42213	0.00012006	0.00017074	1.05E-03	1.78E-07	1.35	1.57E-01	3.79E-08	1,000,000	3.79E-02
274	1.36278	0.00012006	0.00016361	1.05E-03	1.71E-07	1.35	1.57E-01	3.63E-08	1,000,000	3.63E-02
275	1.30249	0.00012006	0.00015637	1.05E-03	1.63E-07	1.35	1.57E-01	3.47E-08	1,000,000	3.47E-02
276	1.243	0.00012006	0.00014923	1.05E-03	1.56E-07	1.35	1.57E-01	3.31E-08	1,000,000	3.31E-02
277	1.1847	0.00012006	0.00014223	1.05E-03	1.49E-07	1.35	1.57E-01	3.15E-08	1,000,000	3.15E-02
278	1.47907	0.00012006	0.00017757	1.05E-03	1.86E-07	1.35	1.57E-01	3.94E-08	1,000,000	3.94E-02
279	1.54793	0.00012006	0.00018584	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02
280	1.72779	0.00012006	0.00020743	1.05E-03	2.17E-07	1.35	1.57E-01	4.60E-08	1,000,000	4.60E-02
281	1.7029	0.00012006	0.00020444	1.05E-03	2.14E-07	1.35	1.57E-01	4.53E-08	1,000,000	4.53E-02
282	1.88133	0.00012006	0.00022587	1.05E-03	2.36E-07	1.35	1.57E-01	5.01E-08	1,000,000	5.01E-02
283	1.5477	0.00012006	0.00018581	1.05E-03	1.94E-07	1.35	1.57E-01	4.12E-08	1,000,000	4.12E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

					Cancer Risk From Idle 1 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	4.73824	0.00012006	0.00056886	1.05E-03	5.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.00637	0.00012006	0.00060105	1.05E-03	6.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	5.27737	0.00012006	0.00063358	1.05E-03	6.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	5.53917	0.00012006	0.00066501	1.05E-03	6.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	5.7811	0.00012006	0.00069406	1.05E-03	7.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	5.99591	0.00012006	0.00071985	1.05E-03	7.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	6.17906	0.00012006	0.00074184	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	6.32678	0.00012006	0.00075957	1.05E-03	7.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	6.43471	0.00012006	0.00077253	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	6.49733	0.00012006	0.00078005	1.05E-03	8.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	6.50666	0.00012006	0.00078117	1.05E-03	8.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.18338	0.00012006	0.0006223	1.05E-03	6.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	5.49406	0.00012006	0.0006596	1.05E-03	6.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	5.80857	0.00012006	0.00069736	1.05E-03	7.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	6.11174	0.00012006	0.00073375	1.05E-03	7.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	6.39006	0.00012006	0.00076717	1.05E-03	8.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	6.6342	0.00012006	0.00079648	1.05E-03	8.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	6.83816	0.00012006	0.00082097	1.05E-03	8.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	6.99673	0.00012006	0.00084	1.05E-03	8.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	7.10401	0.00012006	0.00085288	1.05E-03	8.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	7.15303	0.00012006	0.00085877	1.05E-03	8.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	7.13486	0.00012006	0.00085659	1.05E-03	8.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	5.699	0.00012006	0.0006842	1.05E-03	7.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	6.06208	0.00012006	0.00072779	1.05E-03	7.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	6.43031	0.00012006	0.000772	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	6.78439	0.00012006	0.00081451	1.05E-03	8.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	7.10685	0.00012006	0.00085322	1.05E-03	8.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	7.38558	0.00012006	0.00088669	1.05E-03	9.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	7.61244	0.00012006	0.00091392	1.05E-03	9.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	7.78023	0.00012006	0.00093407	1.05E-03	9.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	7.88098	0.00012006	0.00094616	1.05E-03	9.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	7.90614	0.00012006	0.00094918	1.05E-03	9.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	0.000942	1.05E-03	9.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	6.3013	0.00012006	0.00075651	1.05E-03	7.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	6.7297	0.00012006	0.00080794	1.05E-03	8.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	7.1651	0.00012006	0.00086022	1.05E-03	8.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	7.58254	0.00012006	0.00091033	1.05E-03	9.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	7.95908	0.00012006	0.00095554	1.05E-03	9.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	8.27861	0.00012006	0.0009939	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	8.52998	0.00012006	0.00102408	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	8.70313	0.00012006	0.00104487	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	8.78743	0.00012006	0.00105499	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	8.77289	0.00012006	0.00105324	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	8.65098	0.00012006	0.00103861	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.01142	0.00012006	0.00084177	1.05E-03	8.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	7.52239	0.00012006	0.00090311	1.05E-03	9.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	8.04302	0.00012006	0.00096562	1.05E-03	1.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	8.54041	0.00012006	0.00102533	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	8.98382	0.00012006	0.00107857	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	9.35138	0.00012006	0.00112269	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	9.62755	0.00012006	0.00115585	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	9.7982	0.00012006	0.00117634	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	9.84952	0.00012006	0.0011825	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	9.77107	0.00012006	0.00117308	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	9.55783	0.00012006	0.00114748	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	7.85749	0.00012006	0.00094334	1.05E-03	9.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	8.47449	0.00012006	0.00101742	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	9.105	0.00012006	0.00109311	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	9.70482	0.00012006	0.00116513	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	10.23178	0.00012006	0.00122839	1.05E-03	1.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	10.65545	0.00012006	0.00127926	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	10.95378	0.00012006	0.00131507	1.05E-03	1.37E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	11.10698	0.00012006	0.00133346	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	11.09807	0.00012006	0.0013324	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	10.91888	0.00012006	0.00131088	1.05E-03	1.37E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	0.00126939	1.05E-03	1.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	8.87755	0.00012006	0.00106581	1.05E-03	1.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	9.63315	0.00012006	0.00115652	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	10.40807	0.00012006	0.00124956	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	11.14143	0.00012006	0.0013376	1.05E-03	1.40E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	11.77382	0.00012006	0.00141352	1.05E-03	1.48E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	12.26183	0.00012006	0.00147211	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	12.57354	0.00012006	0.00150953	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	12.6817	0.00012006	0.00152252	1.05E-03	1.59E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	12.56792	0.00012006	0.00150886	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	12.23282	0.00012006	0.00146863	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	11.69847	0.00012006	0.00140448	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	12.54262	0.00012006	0.00150582	1.05E-03	1.57E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	13.29962	0.00012006	0.00159671	1.05E-03	1.67E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	14.05829	0.00012006	0.00168779	1.05E-03	1.76E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	14.33978	0.00012006	0.00172158	1.05E-03	1.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	14.5868	0.00012006	0.00175124	1.05E-03	1.83E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	14.29572	0.00012006	0.00171629	1.05E-03	1.79E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	13.72369	0.00012006	0.00164762	1.05E-03	1.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	12.92612	0.00012006	0.00155186	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	11.68696	0.00012006	0.0014031	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	10.67582	0.00012006	0.0012817	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	1.20E-04	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.7E-02
2	0.60114	0.00012006	7.22E-05	6.05E-04	4.37E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
3	0.64273	0.00012006	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
4	0.68837	0.00012006	8.26E-05	6.05E-04	5.00E-08	14	4.71E-02	3.30E-08	1,000,000	3.30E-02
5	0.74036	0.00012006	8.89E-05	6.05E-04	5.38E-08	14	4.71E-02	3.55E-08	1,000,000	3.55E-02
6	0.55999	0.00012006	6.72E-05	6.05E-04	4.07E-08	14	4.71E-02	2.68E-08	1,000,000	2.68E-02
7	0.59618	0.00012006	7.16E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
8	0.63685	0.00012006	7.65E-05	6.05E-04	4.63E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
9	0.6836	0.00012006	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
10	0.73536	0.00012006	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
11	0.55509	0.00012006	6.66E-05	6.05E-04	4.03E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
12	0.59123	0.00012006	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
13	0.63205	0.00012006	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
14	0.67915	0.00012006	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
15	0.73118	0.00012006	8.78E-05	6.05E-04	5.31E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
16	0.55062	0.00012006	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
17	0.58711	0.00012006	7.05E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
18	0.62788	0.00012006	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
19	0.67344	0.00012006	8.09E-05	6.05E-04	4.89E-08	14	4.71E-02	3.23E-08	1,000,000	3.23E-02
20	0.72609	0.00012006	8.72E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
21	0.54693	0.00012006	6.57E-05	6.05E-04	3.97E-08	14	4.71E-02	2.62E-08	1,000,000	2.62E-02
22	0.58339	0.00012006	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
23	0.62444	0.00012006	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
24	0.67053	0.00012006	8.05E-05	6.05E-04	4.87E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
25	0.72214	0.00012006	8.67E-05	6.05E-04	5.25E-08	14	4.71E-02	3.46E-08	1,000,000	3.46E-02
113	2.01373	0.00012006	2.42E-04	6.05E-04	1.46E-07	14	4.71E-02	9.65E-08	1,000,000	9.65E-02
114	1.85353	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.89E-08	1,000,000	8.89E-02
115	1.70983	0.00012006	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.20E-08	1,000,000	8.20E-02
116	1.58117	0.00012006	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.58E-08	1,000,000	7.58E-02
117	2.07024	0.00012006	2.49E-04	6.05E-04	1.50E-07	14	4.71E-02	9.93E-08	1,000,000	9.93E-02
118	1.89846	0.00012006	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.10E-08	1,000,000	9.10E-02
119	1.74596	0.00012006	2.10E-04	6.05E-04	1.27E-07	14	4.71E-02	8.37E-08	1,000,000	8.37E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
121	2.12262	0.00012006	2.55E-04	6.05E-04	1.54E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
122	1.93984	0.00012006	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.30E-08	1,000,000	9.30E-02
123	1.77889	0.00012006	2.14E-04	6.05E-04	1.29E-07	14	4.71E-02	8.53E-08	1,000,000	8.53E-02
124	1.6367	0.00012006	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.85E-08	1,000,000	7.85E-02
125	2.17027	0.00012006	2.61E-04	6.05E-04	1.58E-07	14	4.71E-02	1.04E-07	1,000,000	1.04E-01
126	1.97705	0.00012006	2.37E-04	6.05E-04	1.44E-07	14	4.71E-02	9.48E-08	1,000,000	9.48E-02
127	1.8081	0.00012006	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.67E-08	1,000,000	8.67E-02
128	1.65978	0.00012006	1.99E-04	6.05E-04	1.21E-07	14	4.71E-02	7.96E-08	1,000,000	7.96E-02
129	2.21247	0.00012006	2.66E-04	6.05E-04	1.61E-07	14	4.71E-02	1.06E-07	1,000,000	1.06E-01
130	2.0096	0.00012006	2.41E-04	6.05E-04	1.46E-07	14	4.71E-02	9.63E-08	1,000,000	9.63E-02
131	1.83346	0.00012006	2.20E-04	6.05E-04	1.33E-07	14	4.71E-02	8.79E-08	1,000,000	8.79E-02
132	1.67977	0.00012006	2.02E-04	6.05E-04	1.22E-07	14	4.71E-02	8.05E-08	1,000,000	8.05E-02
133	2.24884	0.00012006	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
134	2.03754	0.00012006	2.45E-04	6.05E-04	1.48E-07	14	4.71E-02	9.77E-08	1,000,000	9.77E-02
135	1.8553	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
136	1.69717	0.00012006	2.04E-04	6.05E-04	1.23E-07	14	4.71E-02	8.14E-08	1,000,000	8.14E-02
137	2.27975	0.00012006	2.74E-04	6.05E-04	1.66E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
138	1.87421	0.00012006	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	8.99E-08	1,000,000	8.99E-02
139	1.71241	0.00012006	2.06E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
140	2.34318	0.00012006	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
141	2.11018	0.00012006	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
142	1.91196	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.17E-08	1,000,000	9.17E-02
143	1.74181	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.35E-08	1,000,000	8.35E-02
144	2.35204	0.00012006	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
145	2.11612	0.00012006	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
146	1.91583	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.19E-08	1,000,000	9.19E-02
147	1.74419	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.36E-08	1,000,000	8.36E-02
148	2.35363	0.00012006	2.83E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
149	2.11631	0.00012006	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
150	1.91513	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.18E-08	1,000,000	9.18E-02
151	1.74294	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.36E-08	1,000,000	8.36E-02
152	2.34786	0.00012006	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
154	1.90986	0.00012006	2.29E-04	6.05E-04	1.39E-07	14	4.71E-02	9.16E-08	1,000,000	9.16E-02
155	1.73802	0.00012006	2.09E-04	6.05E-04	1.26E-07	14	4.71E-02	8.33E-08	1,000,000	8.33E-02
156	2.33332	0.00012006	2.80E-04	6.05E-04	1.69E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
157	2.09814	0.00012006	2.52E-04	6.05E-04	1.52E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
158	1.89889	0.00012006	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.10E-08	1,000,000	9.10E-02
159	1.72842	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.29E-08	1,000,000	8.29E-02
160	2.3074	0.00012006	2.77E-04	6.05E-04	1.68E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
161	2.07635	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.95E-08	1,000,000	9.95E-02
162	1.88037	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
163	1.71227	0.00012006	2.06E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
164	2.26841	0.00012006	2.72E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
165	2.044	0.00012006	2.45E-04	6.05E-04	1.48E-07	14	4.71E-02	9.80E-08	1,000,000	9.80E-02
166	1.85166	0.00012006	2.22E-04	6.05E-04	1.35E-07	14	4.71E-02	8.88E-08	1,000,000	8.88E-02
167	1.68788	0.00012006	2.03E-04	6.05E-04	1.23E-07	14	4.71E-02	8.09E-08	1,000,000	8.09E-02
168	2.21614	0.00012006	2.66E-04	6.05E-04	1.61E-07	14	4.71E-02	1.06E-07	1,000,000	1.06E-01
169	2.00116	0.00012006	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.59E-08	1,000,000	9.59E-02
170	1.81572	0.00012006	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
171	1.65787	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.95E-08	1,000,000	7.95E-02
172	2.14968	0.00012006	2.58E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
173	1.94767	0.00012006	2.34E-04	6.05E-04	1.41E-07	14	4.71E-02	9.34E-08	1,000,000	9.34E-02
174	1.77211	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
175	1.62139	0.00012006	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.77E-08	1,000,000	7.77E-02
176	2.06593	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.90E-08	1,000,000	9.90E-02
177	1.88146	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
178	1.71889	0.00012006	2.06E-04	6.05E-04	1.25E-07	14	4.71E-02	8.24E-08	1,000,000	8.24E-02
179	1.57781	0.00012006	1.89E-04	6.05E-04	1.15E-07	14	4.71E-02	7.56E-08	1,000,000	7.56E-02
180	1.96171	0.00012006	2.36E-04	6.05E-04	1.43E-07	14	4.71E-02	9.41E-08	1,000,000	9.41E-02
181	1.79887	0.00012006	2.16E-04	6.05E-04	1.31E-07	14	4.71E-02	8.62E-08	1,000,000	8.62E-02
182	1.65349	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.93E-08	1,000,000	7.93E-02
183	1.52517	0.00012006	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.31E-08	1,000,000	7.31E-02
184	2.4477	0.00012006	2.94E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
185	2.27413	0.00012006	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	2.51E-04	6.05E-04	1.52E-07	14	4.71E-02	1.00E-07	1,000,000	1.00E-01
187	1.91802	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.20E-08	1,000,000	9.20E-02
188	1.76542	0.00012006	2.12E-04	6.05E-04	1.28E-07	14	4.71E-02	8.46E-08	1,000,000	8.46E-02
189	2.24493	0.00012006	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
190	2.07497	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.95E-08	1,000,000	9.95E-02
191	1.9229	0.00012006	2.31E-04	6.05E-04	1.40E-07	14	4.71E-02	9.22E-08	1,000,000	9.22E-02
192	1.78476	0.00012006	2.14E-04	6.05E-04	1.30E-07	14	4.71E-02	8.56E-08	1,000,000	8.56E-02
193	1.6568	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.94E-08	1,000,000	7.94E-02
194	2.03128	0.00012006	2.44E-04	6.05E-04	1.48E-07	14	4.71E-02	9.74E-08	1,000,000	9.74E-02
195	1.88645	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.04E-08	1,000,000	9.04E-02
196	1.75923	0.00012006	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.43E-08	1,000,000	8.43E-02
197	1.6438	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.88E-08	1,000,000	7.88E-02
198	1.53965	0.00012006	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.38E-08	1,000,000	7.38E-02
199	1.85427	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.89E-08	1,000,000	8.89E-02
200	1.7227	0.00012006	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
201	1.60957	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
202	1.51041	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.24E-08	1,000,000	7.24E-02
203	1.42209	0.00012006	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
204	2.47495	0.00012006	2.97E-04	6.05E-04	1.80E-07	14	4.71E-02	1.19E-07	1,000,000	1.19E-01
205	1.71146	0.00012006	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
206	1.58769	0.00012006	1.91E-04	6.05E-04	1.15E-07	14	4.71E-02	7.61E-08	1,000,000	7.61E-02
207	1.48153	0.00012006	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.10E-08	1,000,000	7.10E-02
208	1.39187	0.00012006	1.67E-04	6.05E-04	1.01E-07	14	4.71E-02	6.67E-08	1,000,000	6.67E-02
209	2.27051	0.00012006	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
210	2.06733	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.91E-08	1,000,000	9.91E-02
211	1.8875	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.05E-08	1,000,000	9.05E-02
212	1.73058	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.30E-08	1,000,000	8.30E-02
213	1.59451	0.00012006	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.64E-08	1,000,000	7.64E-02
214	1.47697	0.00012006	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.08E-08	1,000,000	7.08E-02
215	1.37677	0.00012006	1.65E-04	6.05E-04	1.00E-07	14	4.71E-02	6.60E-08	1,000,000	6.60E-02
216	2.26156	0.00012006	2.72E-04	6.05E-04	1.64E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
217	2.08435	0.00012006	2.50E-04	6.05E-04	1.51E-07	14	4.71E-02	9.99E-08	1,000,000	9.99E-02
218	1.92093	0.00012006	2.31E-04	6.05E-04	1.40E-07	14	4.71E-02	9.21E-08	1,000,000	9.21E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
220	1.63848	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.86E-08	1,000,000	7.86E-02
221	1.5155	0.00012006	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.27E-08	1,000,000	7.27E-02
222	2.06423	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.90E-08	1,000,000	9.90E-02
223	1.91261	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.17E-08	1,000,000	9.17E-02
224	1.77389	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
225	1.64726	0.00012006	1.98E-04	6.05E-04	1.20E-07	14	4.71E-02	7.90E-08	1,000,000	7.90E-02
226	1.52949	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.33E-08	1,000,000	7.33E-02
227	1.89126	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02
228	1.76092	0.00012006	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.44E-08	1,000,000	8.44E-02
229	1.64208	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.87E-08	1,000,000	7.87E-02
230	1.53118	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.34E-08	1,000,000	7.34E-02
231	1.73891	0.00012006	2.09E-04	6.05E-04	1.26E-07	14	4.71E-02	8.34E-08	1,000,000	8.34E-02
232	1.62724	0.00012006	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.80E-08	1,000,000	7.80E-02
233	1.52385	0.00012006	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.31E-08	1,000,000	7.31E-02
234	1.42723	0.00012006	1.71E-04	6.05E-04	1.04E-07	14	4.71E-02	6.84E-08	1,000,000	6.84E-02
235	1.60542	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.70E-08	1,000,000	7.70E-02
236	1.50836	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.23E-08	1,000,000	7.23E-02
237	1.41726	0.00012006	1.70E-04	6.05E-04	1.03E-07	14	4.71E-02	6.79E-08	1,000,000	6.79E-02
238	1.33315	0.00012006	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
239	1.4874	0.00012006	1.79E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
240	1.40209	0.00012006	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
241	1.32178	0.00012006	1.59E-04	6.05E-04	9.60E-08	14	4.71E-02	6.34E-08	1,000,000	6.34E-02
242	1.24785	0.00012006	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
243	2.15522	0.00012006	2.59E-04	6.05E-04	1.57E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
244	2.07335	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.94E-08	1,000,000	9.94E-02
245	1.97921	0.00012006	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.49E-08	1,000,000	9.49E-02
246	1.87837	0.00012006	2.26E-04	6.05E-04	1.36E-07	14	4.71E-02	9.01E-08	1,000,000	9.01E-02
247	1.7751	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.51E-08	1,000,000	8.51E-02
248	1.6755	0.00012006	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
249	1.58042	0.00012006	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.58E-08	1,000,000	7.58E-02
250	1.96457	0.00012006	2.36E-04	6.05E-04	1.43E-07	14	4.71E-02	9.42E-08	1,000,000	9.42E-02
251	1.89248	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	2.17E-04	6.05E-04	1.32E-07	14	4.71E-02	8.68E-08	1,000,000	8.68E-02
253	1.72307	0.00012006	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
254	1.63344	0.00012006	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.83E-08	1,000,000	7.83E-02
255	1.5467	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
256	1.46272	0.00012006	1.76E-04	6.05E-04	1.06E-07	14	4.71E-02	7.01E-08	1,000,000	7.01E-02
257	1.79946	0.00012006	2.16E-04	6.05E-04	1.31E-07	14	4.71E-02	8.63E-08	1,000,000	8.63E-02
258	1.73564	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.32E-08	1,000,000	8.32E-02
259	1.66381	0.00012006	2.00E-04	6.05E-04	1.21E-07	14	4.71E-02	7.98E-08	1,000,000	7.98E-02
260	1.58746	0.00012006	1.91E-04	6.05E-04	1.15E-07	14	4.71E-02	7.61E-08	1,000,000	7.61E-02
261	1.50917	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.24E-08	1,000,000	7.24E-02
262	1.43302	0.00012006	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
263	1.35936	0.00012006	1.63E-04	6.05E-04	9.87E-08	14	4.71E-02	6.52E-08	1,000,000	6.52E-02
264	1.6558	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.94E-08	1,000,000	7.94E-02
265	1.59884	0.00012006	1.92E-04	6.05E-04	1.16E-07	14	4.71E-02	7.67E-08	1,000,000	7.67E-02
266	1.53533	0.00012006	1.84E-04	6.05E-04	1.12E-07	14	4.71E-02	7.36E-08	1,000,000	7.36E-02
267	1.46825	0.00012006	1.76E-04	6.05E-04	1.07E-07	14	4.71E-02	7.04E-08	1,000,000	7.04E-02
268	1.40011	0.00012006	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.71E-08	1,000,000	6.71E-02
269	1.3327	0.00012006	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
270	1.26741	0.00012006	1.52E-04	6.05E-04	9.21E-08	14	4.71E-02	6.08E-08	1,000,000	6.08E-02
271	1.52937	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.33E-08	1,000,000	7.33E-02
272	1.47846	0.00012006	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
273	1.42213	0.00012006	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
274	1.36278	0.00012006	1.64E-04	6.05E-04	9.90E-08	14	4.71E-02	6.53E-08	1,000,000	6.53E-02
275	1.30249	0.00012006	1.56E-04	6.05E-04	9.46E-08	14	4.71E-02	6.24E-08	1,000,000	6.24E-02
276	1.243	0.00012006	1.49E-04	6.05E-04	9.03E-08	14	4.71E-02	5.96E-08	1,000,000	5.96E-02
277	1.1847	0.00012006	1.42E-04	6.05E-04	8.61E-08	14	4.71E-02	5.68E-08	1,000,000	5.68E-02
278	1.47907	0.00012006	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
279	1.54793	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
280	1.72779	0.00012006	2.07E-04	6.05E-04	1.26E-07	14	4.71E-02	8.28E-08	1,000,000	8.28E-02
281	1.7029	0.00012006	2.04E-04	6.05E-04	1.24E-07	14	4.71E-02	8.16E-08	1,000,000	8.16E-02
282	1.88133	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
283	1.5477	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

						Cancer Risk From Idle 1 - 2 to 14 years				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Receptors				
26	4.73824	0.00012006	5.69E-04	6.05E-04	3.44E-07	9	4.71E-02	1.48E-07	1,000,000	1.48E-01
27	5.00637	0.00012006	6.01E-04	6.05E-04	3.64E-07	9	4.71E-02	1.56E-07	1,000,000	1.56E-01
28	5.27737	0.00012006	6.34E-04	6.05E-04	3.83E-07	9	4.71E-02	1.64E-07	1,000,000	1.64E-01
29	5.53917	0.00012006	6.65E-04	6.05E-04	4.02E-07	9	4.71E-02	1.73E-07	1,000,000	1.73E-01
30	5.7811	0.00012006	6.94E-04	6.05E-04	4.20E-07	9	4.71E-02	1.80E-07	1,000,000	1.80E-01
31	5.99591	0.00012006	7.20E-04	6.05E-04	4.36E-07	9	4.71E-02	1.87E-07	1,000,000	1.87E-01
32	6.17906	0.00012006	7.42E-04	6.05E-04	4.49E-07	9	4.71E-02	1.93E-07	1,000,000	1.93E-01
33	6.32678	0.00012006	7.60E-04	6.05E-04	4.60E-07	9	4.71E-02	1.97E-07	1,000,000	1.97E-01
34	6.43471	0.00012006	7.73E-04	6.05E-04	4.67E-07	9	4.71E-02	2.01E-07	1,000,000	2.01E-01
35	6.49733	0.00012006	7.80E-04	6.05E-04	4.72E-07	9	4.71E-02	2.02E-07	1,000,000	2.02E-01
36	6.50666	0.00012006	7.81E-04	6.05E-04	4.73E-07	9	4.71E-02	2.03E-07	1,000,000	2.03E-01
37	5.18338	0.00012006	6.22E-04	6.05E-04	3.77E-07	9	4.71E-02	1.62E-07	1,000,000	1.62E-01
38	5.49406	0.00012006	6.60E-04	6.05E-04	3.99E-07	9	4.71E-02	1.71E-07	1,000,000	1.71E-01
39	5.80857	0.00012006	6.97E-04	6.05E-04	4.22E-07	9	4.71E-02	1.81E-07	1,000,000	1.81E-01
40	6.11174	0.00012006	7.34E-04	6.05E-04	4.44E-07	9	4.71E-02	1.90E-07	1,000,000	1.90E-01
41	6.39006	0.00012006	7.67E-04	6.05E-04	4.64E-07	9	4.71E-02	1.99E-07	1,000,000	1.99E-01
42	6.6342	0.00012006	7.96E-04	6.05E-04	4.82E-07	9	4.71E-02	2.07E-07	1,000,000	2.07E-01
43	6.83816	0.00012006	8.21E-04	6.05E-04	4.97E-07	9	4.71E-02	2.13E-07	1,000,000	2.13E-01
44	6.99673	0.00012006	8.40E-04	6.05E-04	5.08E-07	9	4.71E-02	2.18E-07	1,000,000	2.18E-01
45	7.10401	0.00012006	8.53E-04	6.05E-04	5.16E-07	9	4.71E-02	2.21E-07	1,000,000	2.21E-01
46	7.15303	0.00012006	8.59E-04	6.05E-04	5.20E-07	9	4.71E-02	2.23E-07	1,000,000	2.23E-01
47	7.13486	0.00012006	8.57E-04	6.05E-04	5.18E-07	9	4.71E-02	2.22E-07	1,000,000	2.22E-01
48	5.699	0.00012006	6.84E-04	6.05E-04	4.14E-07	9	4.71E-02	1.78E-07	1,000,000	1.78E-01
49	6.06208	0.00012006	7.28E-04	6.05E-04	4.40E-07	9	4.71E-02	1.89E-07	1,000,000	1.89E-01
50	6.43031	0.00012006	7.72E-04	6.05E-04	4.67E-07	9	4.71E-02	2.00E-07	1,000,000	2.00E-01
51	6.78439	0.00012006	8.15E-04	6.05E-04	4.93E-07	9	4.71E-02	2.11E-07	1,000,000	2.11E-01
52	7.10685	0.00012006	8.53E-04	6.05E-04	5.16E-07	9	4.71E-02	2.21E-07	1,000,000	2.21E-01
53	7.38558	0.00012006	8.87E-04	6.05E-04	5.37E-07	9	4.71E-02	2.30E-07	1,000,000	2.30E-01
54	7.61244	0.00012006	9.14E-04	6.05E-04	5.53E-07	9	4.71E-02	2.37E-07	1,000,000	2.37E-01
55	7.78023	0.00012006	9.34E-04	6.05E-04	5.65E-07	9	4.71E-02	2.42E-07	1,000,000	2.42E-01
56	7.88098	0.00012006	9.46E-04	6.05E-04	5.72E-07	9	4.71E-02	2.46E-07	1,000,000	2.46E-01
57	7.90614	0.00012006	9.49E-04	6.05E-04	5.74E-07	9	4.71E-02	2.46E-07	1,000,000	2.46E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	9.42E-04	6.05E-04	5.70E-07	9	4.71E-02	2.45E-07	1,000,000	2.45E-01
59	6.3013	0.00012006	7.57E-04	6.05E-04	4.58E-07	9	4.71E-02	1.96E-07	1,000,000	1.96E-01
60	6.7297	0.00012006	8.08E-04	6.05E-04	4.89E-07	9	4.71E-02	2.10E-07	1,000,000	2.10E-01
61	7.1651	0.00012006	8.60E-04	6.05E-04	5.20E-07	9	4.71E-02	2.23E-07	1,000,000	2.23E-01
62	7.58254	0.00012006	9.10E-04	6.05E-04	5.51E-07	9	4.71E-02	2.36E-07	1,000,000	2.36E-01
63	7.95908	0.00012006	9.56E-04	6.05E-04	5.78E-07	9	4.71E-02	2.48E-07	1,000,000	2.48E-01
64	8.27861	0.00012006	9.94E-04	6.05E-04	6.01E-07	9	4.71E-02	2.58E-07	1,000,000	2.58E-01
65	8.52998	0.00012006	1.02E-03	6.05E-04	6.20E-07	9	4.71E-02	2.66E-07	1,000,000	2.66E-01
66	8.70313	0.00012006	1.04E-03	6.05E-04	6.32E-07	9	4.71E-02	2.71E-07	1,000,000	2.71E-01
67	8.78743	0.00012006	1.05E-03	6.05E-04	6.38E-07	9	4.71E-02	2.74E-07	1,000,000	2.74E-01
68	8.77289	0.00012006	1.05E-03	6.05E-04	6.37E-07	9	4.71E-02	2.73E-07	1,000,000	2.73E-01
69	8.65098	0.00012006	1.04E-03	6.05E-04	6.28E-07	9	4.71E-02	2.70E-07	1,000,000	2.70E-01
70	7.01142	0.00012006	8.42E-04	6.05E-04	5.09E-07	9	4.71E-02	2.19E-07	1,000,000	2.19E-01
71	7.52239	0.00012006	9.03E-04	6.05E-04	5.46E-07	9	4.71E-02	2.34E-07	1,000,000	2.34E-01
72	8.04302	0.00012006	9.66E-04	6.05E-04	5.84E-07	9	4.71E-02	2.51E-07	1,000,000	2.51E-01
73	8.54041	0.00012006	1.03E-03	6.05E-04	6.20E-07	9	4.71E-02	2.66E-07	1,000,000	2.66E-01
74	8.98382	0.00012006	1.08E-03	6.05E-04	6.53E-07	9	4.71E-02	2.80E-07	1,000,000	2.80E-01
75	9.35138	0.00012006	1.12E-03	6.05E-04	6.79E-07	9	4.71E-02	2.91E-07	1,000,000	2.91E-01
76	9.62755	0.00012006	1.16E-03	6.05E-04	6.99E-07	9	4.71E-02	3.00E-07	1,000,000	3.00E-01
77	9.7982	0.00012006	1.18E-03	6.05E-04	7.12E-07	9	4.71E-02	3.05E-07	1,000,000	3.05E-01
78	9.84952	0.00012006	1.18E-03	6.05E-04	7.15E-07	9	4.71E-02	3.07E-07	1,000,000	3.07E-01
79	9.77107	0.00012006	1.17E-03	6.05E-04	7.10E-07	9	4.71E-02	3.05E-07	1,000,000	3.05E-01
80	9.55783	0.00012006	1.15E-03	6.05E-04	6.94E-07	9	4.71E-02	2.98E-07	1,000,000	2.98E-01
81	7.85749	0.00012006	9.43E-04	6.05E-04	5.71E-07	9	4.71E-02	2.45E-07	1,000,000	2.45E-01
82	8.47449	0.00012006	1.02E-03	6.05E-04	6.16E-07	9	4.71E-02	2.64E-07	1,000,000	2.64E-01
83	9.105	0.00012006	1.09E-03	6.05E-04	6.61E-07	9	4.71E-02	2.84E-07	1,000,000	2.84E-01
84	9.70482	0.00012006	1.17E-03	6.05E-04	7.05E-07	9	4.71E-02	3.02E-07	1,000,000	3.02E-01
85	10.23178	0.00012006	1.23E-03	6.05E-04	7.43E-07	9	4.71E-02	3.19E-07	1,000,000	3.19E-01
86	10.65545	0.00012006	1.28E-03	6.05E-04	7.74E-07	9	4.71E-02	3.32E-07	1,000,000	3.32E-01
87	10.95378	0.00012006	1.32E-03	6.05E-04	7.96E-07	9	4.71E-02	3.41E-07	1,000,000	3.41E-01
88	11.10698	0.00012006	1.33E-03	6.05E-04	8.07E-07	9	4.71E-02	3.46E-07	1,000,000	3.46E-01
89	11.09807	0.00012006	1.33E-03	6.05E-04	8.06E-07	9	4.71E-02	3.46E-07	1,000,000	3.46E-01
90	10.91888	0.00012006	1.31E-03	6.05E-04	7.93E-07	9	4.71E-02	3.40E-07	1,000,000	3.40E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	1.27E-03	6.05E-04	7.68E-07	9	4.71E-02	3.30E-07	1,000,000	3.30E-01
92	8.87755	0.00012006	1.07E-03	6.05E-04	6.45E-07	9	4.71E-02	2.77E-07	1,000,000	2.77E-01
93	9.63315	0.00012006	1.16E-03	6.05E-04	7.00E-07	9	4.71E-02	3.00E-07	1,000,000	3.00E-01
94	10.40807	0.00012006	1.25E-03	6.05E-04	7.56E-07	9	4.71E-02	3.24E-07	1,000,000	3.24E-01
95	11.14143	0.00012006	1.34E-03	6.05E-04	8.09E-07	9	4.71E-02	3.47E-07	1,000,000	3.47E-01
96	11.77382	0.00012006	1.41E-03	6.05E-04	8.55E-07	9	4.71E-02	3.67E-07	1,000,000	3.67E-01
97	12.26183	0.00012006	1.47E-03	6.05E-04	8.91E-07	9	4.71E-02	3.82E-07	1,000,000	3.82E-01
98	12.57354	0.00012006	1.51E-03	6.05E-04	9.13E-07	9	4.71E-02	3.92E-07	1,000,000	3.92E-01
99	12.6817	0.00012006	1.52E-03	6.05E-04	9.21E-07	9	4.71E-02	3.95E-07	1,000,000	3.95E-01
100	12.56792	0.00012006	1.51E-03	6.05E-04	9.13E-07	9	4.71E-02	3.92E-07	1,000,000	3.92E-01
101	12.23282	0.00012006	1.47E-03	6.05E-04	8.89E-07	9	4.71E-02	3.81E-07	1,000,000	3.81E-01
102	11.69847	0.00012006	1.40E-03	6.05E-04	8.50E-07	9	4.71E-02	3.65E-07	1,000,000	3.65E-01
103	12.54262	0.00012006	1.51E-03	6.05E-04	9.11E-07	9	4.71E-02	3.91E-07	1,000,000	3.91E-01
104	13.29962	0.00012006	1.60E-03	6.05E-04	9.66E-07	9	4.71E-02	4.14E-07	1,000,000	4.14E-01
105	14.05829	0.00012006	1.69E-03	6.05E-04	1.02E-06	9	4.71E-02	4.38E-07	1,000,000	4.38E-01
106	14.33978	0.00012006	1.72E-03	6.05E-04	1.04E-06	9	4.71E-02	4.47E-07	1,000,000	4.47E-01
107	14.5868	0.00012006	1.75E-03	6.05E-04	1.06E-06	9	4.71E-02	4.55E-07	1,000,000	4.55E-01
108	14.29572	0.00012006	1.72E-03	6.05E-04	1.04E-06	9	4.71E-02	4.46E-07	1,000,000	4.46E-01
109	13.72369	0.00012006	1.65E-03	6.05E-04	9.97E-07	9	4.71E-02	4.28E-07	1,000,000	4.28E-01
110	12.92612	0.00012006	1.55E-03	6.05E-04	9.39E-07	9	4.71E-02	4.03E-07	1,000,000	4.03E-01
111	11.68696	0.00012006	1.40E-03	6.05E-04	8.49E-07	9	4.71E-02	3.64E-07	1,000,000	3.64E-01
112	10.67582	0.00012006	1.28E-03	6.05E-04	7.76E-07	9	4.71E-02	3.33E-07	1,000,000	3.33E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	1.20E-04	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.72E-09	1000000.0	2.7E-03
2	0.60114	0.00012006	7.22E-05	2.50E-04	1.81E-08	14	1.15E-02	2.90E-09	1,000,000	2.90E-03
3	0.64273	0.00012006	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
4	0.68837	0.00012006	8.26E-05	2.50E-04	2.07E-08	14	1.15E-02	3.32E-09	1,000,000	3.32E-03
5	0.74036	0.00012006	8.89E-05	2.50E-04	2.22E-08	14	1.15E-02	3.57E-09	1,000,000	3.57E-03
6	0.55999	0.00012006	6.72E-05	2.50E-04	1.68E-08	14	1.15E-02	2.70E-09	1,000,000	2.70E-03
7	0.59618	0.00012006	7.16E-05	2.50E-04	1.79E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
8	0.63685	0.00012006	7.65E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
9	0.6836	0.00012006	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
10	0.73536	0.00012006	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
11	0.55509	0.00012006	6.66E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
12	0.59123	0.00012006	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
13	0.63205	0.00012006	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
14	0.67915	0.00012006	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
15	0.73118	0.00012006	8.78E-05	2.50E-04	2.20E-08	14	1.15E-02	3.53E-09	1,000,000	3.53E-03
16	0.55062	0.00012006	6.61E-05	2.50E-04	1.65E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
17	0.58711	0.00012006	7.05E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
18	0.62788	0.00012006	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
19	0.67344	0.00012006	8.09E-05	2.50E-04	2.02E-08	14	1.15E-02	3.25E-09	1,000,000	3.25E-03
20	0.72609	0.00012006	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
21	0.54693	0.00012006	6.57E-05	2.50E-04	1.64E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
22	0.58339	0.00012006	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
23	0.62444	0.00012006	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
24	0.67053	0.00012006	8.05E-05	2.50E-04	2.01E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
25	0.72214	0.00012006	8.67E-05	2.50E-04	2.17E-08	14	1.15E-02	3.48E-09	1,000,000	3.48E-03
113	2.01373	0.00012006	2.42E-04	2.50E-04	6.05E-08	14	1.15E-02	9.72E-09	1,000,000	9.72E-03
114	1.85353	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
115	1.70983	0.00012006	2.05E-04	2.50E-04	5.14E-08	14	1.15E-02	8.25E-09	1,000,000	8.25E-03
116	1.58117	0.00012006	1.90E-04	2.50E-04	4.75E-08	14	1.15E-02	7.63E-09	1,000,000	7.63E-03
117	2.07024	0.00012006	2.49E-04	2.50E-04	6.22E-08	14	1.15E-02	9.99E-09	1,000,000	9.99E-03
118	1.89846	0.00012006	2.28E-04	2.50E-04	5.70E-08	14	1.15E-02	9.16E-09	1,000,000	9.16E-03
119	1.74596	0.00012006	2.10E-04	2.50E-04	5.25E-08	14	1.15E-02	8.43E-09	1,000,000	8.43E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
121	2.12262	0.00012006	2.55E-04	2.50E-04	6.38E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
122	1.93984	0.00012006	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.36E-09	1,000,000	9.36E-03
123	1.77889	0.00012006	2.14E-04	2.50E-04	5.35E-08	14	1.15E-02	8.58E-09	1,000,000	8.58E-03
124	1.6367	0.00012006	1.96E-04	2.50E-04	4.92E-08	14	1.15E-02	7.90E-09	1,000,000	7.90E-03
125	2.17027	0.00012006	2.61E-04	2.50E-04	6.52E-08	14	1.15E-02	1.05E-08	1,000,000	1.05E-02
126	1.97705	0.00012006	2.37E-04	2.50E-04	5.94E-08	14	1.15E-02	9.54E-09	1,000,000	9.54E-03
127	1.8081	0.00012006	2.17E-04	2.50E-04	5.43E-08	14	1.15E-02	8.73E-09	1,000,000	8.73E-03
128	1.65978	0.00012006	1.99E-04	2.50E-04	4.99E-08	14	1.15E-02	8.01E-09	1,000,000	8.01E-03
129	2.21247	0.00012006	2.66E-04	2.50E-04	6.65E-08	14	1.15E-02	1.07E-08	1,000,000	1.07E-02
130	2.0096	0.00012006	2.41E-04	2.50E-04	6.04E-08	14	1.15E-02	9.70E-09	1,000,000	9.70E-03
131	1.83346	0.00012006	2.20E-04	2.50E-04	5.51E-08	14	1.15E-02	8.85E-09	1,000,000	8.85E-03
132	1.67977	0.00012006	2.02E-04	2.50E-04	5.05E-08	14	1.15E-02	8.11E-09	1,000,000	8.11E-03
133	2.24884	0.00012006	2.70E-04	2.50E-04	6.76E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
134	2.03754	0.00012006	2.45E-04	2.50E-04	6.12E-08	14	1.15E-02	9.83E-09	1,000,000	9.83E-03
135	1.8553	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.95E-09	1,000,000	8.95E-03
136	1.69717	0.00012006	2.04E-04	2.50E-04	5.10E-08	14	1.15E-02	8.19E-09	1,000,000	8.19E-03
137	2.27975	0.00012006	2.74E-04	2.50E-04	6.85E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
138	1.87421	0.00012006	2.25E-04	2.50E-04	5.63E-08	14	1.15E-02	9.04E-09	1,000,000	9.04E-03
139	1.71241	0.00012006	2.06E-04	2.50E-04	5.15E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
140	2.34318	0.00012006	2.81E-04	2.50E-04	7.04E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
141	2.11018	0.00012006	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
142	1.91196	0.00012006	2.30E-04	2.50E-04	5.74E-08	14	1.15E-02	9.23E-09	1,000,000	9.23E-03
143	1.74181	0.00012006	2.09E-04	2.50E-04	5.23E-08	14	1.15E-02	8.41E-09	1,000,000	8.41E-03
144	2.35204	0.00012006	2.82E-04	2.50E-04	7.07E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
145	2.11612	0.00012006	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
146	1.91583	0.00012006	2.30E-04	2.50E-04	5.76E-08	14	1.15E-02	9.24E-09	1,000,000	9.24E-03
147	1.74419	0.00012006	2.09E-04	2.50E-04	5.24E-08	14	1.15E-02	8.42E-09	1,000,000	8.42E-03
148	2.35363	0.00012006	2.83E-04	2.50E-04	7.07E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
149	2.11631	0.00012006	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
150	1.91513	0.00012006	2.30E-04	2.50E-04	5.75E-08	14	1.15E-02	9.24E-09	1,000,000	9.24E-03
151	1.74294	0.00012006	2.09E-04	2.50E-04	5.24E-08	14	1.15E-02	8.41E-09	1,000,000	8.41E-03
152	2.34786	0.00012006	2.82E-04	2.50E-04	7.05E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
154	1.90986	0.00012006	2.29E-04	2.50E-04	5.74E-08	14	1.15E-02	9.22E-09	1,000,000	9.22E-03
155	1.73802	0.00012006	2.09E-04	2.50E-04	5.22E-08	14	1.15E-02	8.39E-09	1,000,000	8.39E-03
156	2.33332	0.00012006	2.80E-04	2.50E-04	7.01E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
157	2.09814	0.00012006	2.52E-04	2.50E-04	6.30E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
158	1.89889	0.00012006	2.28E-04	2.50E-04	5.71E-08	14	1.15E-02	9.16E-09	1,000,000	9.16E-03
159	1.72842	0.00012006	2.08E-04	2.50E-04	5.19E-08	14	1.15E-02	8.34E-09	1,000,000	8.34E-03
160	2.3074	0.00012006	2.77E-04	2.50E-04	6.93E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
161	2.07635	0.00012006	2.49E-04	2.50E-04	6.24E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
162	1.88037	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.07E-09	1,000,000	9.07E-03
163	1.71227	0.00012006	2.06E-04	2.50E-04	5.14E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
164	2.26841	0.00012006	2.72E-04	2.50E-04	6.82E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
165	2.044	0.00012006	2.45E-04	2.50E-04	6.14E-08	14	1.15E-02	9.86E-09	1,000,000	9.86E-03
166	1.85166	0.00012006	2.22E-04	2.50E-04	5.56E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
167	1.68788	0.00012006	2.03E-04	2.50E-04	5.07E-08	14	1.15E-02	8.14E-09	1,000,000	8.14E-03
168	2.21614	0.00012006	2.66E-04	2.50E-04	6.66E-08	14	1.15E-02	1.07E-08	1,000,000	1.07E-02
169	2.00116	0.00012006	2.40E-04	2.50E-04	6.01E-08	14	1.15E-02	9.66E-09	1,000,000	9.66E-03
170	1.81572	0.00012006	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
171	1.65787	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	8.00E-09	1,000,000	8.00E-03
172	2.14968	0.00012006	2.58E-04	2.50E-04	6.46E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
173	1.94767	0.00012006	2.34E-04	2.50E-04	5.85E-08	14	1.15E-02	9.40E-09	1,000,000	9.40E-03
174	1.77211	0.00012006	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.55E-09	1,000,000	8.55E-03
175	1.62139	0.00012006	1.95E-04	2.50E-04	4.87E-08	14	1.15E-02	7.82E-09	1,000,000	7.82E-03
176	2.06593	0.00012006	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.97E-09	1,000,000	9.97E-03
177	1.88146	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.08E-09	1,000,000	9.08E-03
178	1.71889	0.00012006	2.06E-04	2.50E-04	5.16E-08	14	1.15E-02	8.29E-09	1,000,000	8.29E-03
179	1.57781	0.00012006	1.89E-04	2.50E-04	4.74E-08	14	1.15E-02	7.61E-09	1,000,000	7.61E-03
180	1.96171	0.00012006	2.36E-04	2.50E-04	5.89E-08	14	1.15E-02	9.47E-09	1,000,000	9.47E-03
181	1.79887	0.00012006	2.16E-04	2.50E-04	5.41E-08	14	1.15E-02	8.68E-09	1,000,000	8.68E-03
182	1.65349	0.00012006	1.99E-04	2.50E-04	4.97E-08	14	1.15E-02	7.98E-09	1,000,000	7.98E-03
183	1.52517	0.00012006	1.83E-04	2.50E-04	4.58E-08	14	1.15E-02	7.36E-09	1,000,000	7.36E-03
184	2.4477	0.00012006	2.94E-04	2.50E-04	7.35E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
185	2.27413	0.00012006	2.73E-04	2.50E-04	6.83E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	2.51E-04	2.50E-04	6.27E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
187	1.91802	0.00012006	2.30E-04	2.50E-04	5.76E-08	14	1.15E-02	9.26E-09	1,000,000	9.26E-03
188	1.76542	0.00012006	2.12E-04	2.50E-04	5.30E-08	14	1.15E-02	8.52E-09	1,000,000	8.52E-03
189	2.24493	0.00012006	2.70E-04	2.50E-04	6.75E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
190	2.07497	0.00012006	2.49E-04	2.50E-04	6.23E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
191	1.9229	0.00012006	2.31E-04	2.50E-04	5.78E-08	14	1.15E-02	9.28E-09	1,000,000	9.28E-03
192	1.78476	0.00012006	2.14E-04	2.50E-04	5.36E-08	14	1.15E-02	8.61E-09	1,000,000	8.61E-03
193	1.6568	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	7.99E-09	1,000,000	7.99E-03
194	2.03128	0.00012006	2.44E-04	2.50E-04	6.10E-08	14	1.15E-02	9.80E-09	1,000,000	9.80E-03
195	1.88645	0.00012006	2.26E-04	2.50E-04	5.67E-08	14	1.15E-02	9.10E-09	1,000,000	9.10E-03
196	1.75923	0.00012006	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.49E-09	1,000,000	8.49E-03
197	1.6438	0.00012006	1.97E-04	2.50E-04	4.94E-08	14	1.15E-02	7.93E-09	1,000,000	7.93E-03
198	1.53965	0.00012006	1.85E-04	2.50E-04	4.63E-08	14	1.15E-02	7.43E-09	1,000,000	7.43E-03
199	1.85427	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.95E-09	1,000,000	8.95E-03
200	1.7227	0.00012006	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.31E-09	1,000,000	8.31E-03
201	1.60957	0.00012006	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
202	1.51041	0.00012006	1.81E-04	2.50E-04	4.54E-08	14	1.15E-02	7.29E-09	1,000,000	7.29E-03
203	1.42209	0.00012006	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
204	2.47495	0.00012006	2.97E-04	2.50E-04	7.44E-08	14	1.15E-02	1.19E-08	1,000,000	1.19E-02
205	1.71146	0.00012006	2.05E-04	2.50E-04	5.14E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
206	1.58769	0.00012006	1.91E-04	2.50E-04	4.77E-08	14	1.15E-02	7.66E-09	1,000,000	7.66E-03
207	1.48153	0.00012006	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.15E-09	1,000,000	7.15E-03
208	1.39187	0.00012006	1.67E-04	2.50E-04	4.18E-08	14	1.15E-02	6.72E-09	1,000,000	6.72E-03
209	2.27051	0.00012006	2.73E-04	2.50E-04	6.82E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
210	2.06733	0.00012006	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.98E-09	1,000,000	9.98E-03
211	1.8875	0.00012006	2.27E-04	2.50E-04	5.67E-08	14	1.15E-02	9.11E-09	1,000,000	9.11E-03
212	1.73058	0.00012006	2.08E-04	2.50E-04	5.20E-08	14	1.15E-02	8.35E-09	1,000,000	8.35E-03
213	1.59451	0.00012006	1.91E-04	2.50E-04	4.79E-08	14	1.15E-02	7.69E-09	1,000,000	7.69E-03
214	1.47697	0.00012006	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
215	1.37677	0.00012006	1.65E-04	2.50E-04	4.14E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
216	2.26156	0.00012006	2.72E-04	2.50E-04	6.80E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
217	2.08435	0.00012006	2.50E-04	2.50E-04	6.26E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
218	1.92093	0.00012006	2.31E-04	2.50E-04	5.77E-08	14	1.15E-02	9.27E-09	1,000,000	9.27E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.56E-09	1,000,000	8.56E-03
220	1.63848	0.00012006	1.97E-04	2.50E-04	4.92E-08	14	1.15E-02	7.91E-09	1,000,000	7.91E-03
221	1.5155	0.00012006	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
222	2.06423	0.00012006	2.48E-04	2.50E-04	6.20E-08	14	1.15E-02	9.96E-09	1,000,000	9.96E-03
223	1.91261	0.00012006	2.30E-04	2.50E-04	5.75E-08	14	1.15E-02	9.23E-09	1,000,000	9.23E-03
224	1.77389	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.56E-09	1,000,000	8.56E-03
225	1.64726	0.00012006	1.98E-04	2.50E-04	4.95E-08	14	1.15E-02	7.95E-09	1,000,000	7.95E-03
226	1.52949	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.38E-09	1,000,000	7.38E-03
227	1.89126	0.00012006	2.27E-04	2.50E-04	5.68E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03
228	1.76092	0.00012006	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.50E-09	1,000,000	8.50E-03
229	1.64208	0.00012006	1.97E-04	2.50E-04	4.93E-08	14	1.15E-02	7.92E-09	1,000,000	7.92E-03
230	1.53118	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.39E-09	1,000,000	7.39E-03
231	1.73891	0.00012006	2.09E-04	2.50E-04	5.22E-08	14	1.15E-02	8.39E-09	1,000,000	8.39E-03
232	1.62724	0.00012006	1.95E-04	2.50E-04	4.89E-08	14	1.15E-02	7.85E-09	1,000,000	7.85E-03
233	1.52385	0.00012006	1.83E-04	2.50E-04	4.58E-08	14	1.15E-02	7.35E-09	1,000,000	7.35E-03
234	1.42723	0.00012006	1.71E-04	2.50E-04	4.29E-08	14	1.15E-02	6.89E-09	1,000,000	6.89E-03
235	1.60542	0.00012006	1.93E-04	2.50E-04	4.82E-08	14	1.15E-02	7.75E-09	1,000,000	7.75E-03
236	1.50836	0.00012006	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
237	1.41726	0.00012006	1.70E-04	2.50E-04	4.26E-08	14	1.15E-02	6.84E-09	1,000,000	6.84E-03
238	1.33315	0.00012006	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
239	1.4874	0.00012006	1.79E-04	2.50E-04	4.47E-08	14	1.15E-02	7.18E-09	1,000,000	7.18E-03
240	1.40209	0.00012006	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.77E-09	1,000,000	6.77E-03
241	1.32178	0.00012006	1.59E-04	2.50E-04	3.97E-08	14	1.15E-02	6.38E-09	1,000,000	6.38E-03
242	1.24785	0.00012006	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
243	2.15522	0.00012006	2.59E-04	2.50E-04	6.48E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
244	2.07335	0.00012006	2.49E-04	2.50E-04	6.23E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
245	1.97921	0.00012006	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.55E-09	1,000,000	9.55E-03
246	1.87837	0.00012006	2.26E-04	2.50E-04	5.64E-08	14	1.15E-02	9.06E-09	1,000,000	9.06E-03
247	1.7751	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.57E-09	1,000,000	8.57E-03
248	1.6755	0.00012006	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.09E-09	1,000,000	8.09E-03
249	1.58042	0.00012006	1.90E-04	2.50E-04	4.75E-08	14	1.15E-02	7.63E-09	1,000,000	7.63E-03
250	1.96457	0.00012006	2.36E-04	2.50E-04	5.90E-08	14	1.15E-02	9.48E-09	1,000,000	9.48E-03
251	1.89248	0.00012006	2.27E-04	2.50E-04	5.69E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	2.17E-04	2.50E-04	5.44E-08	14	1.15E-02	8.74E-09	1,000,000	8.74E-03
253	1.72307	0.00012006	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.31E-09	1,000,000	8.31E-03
254	1.63344	0.00012006	1.96E-04	2.50E-04	4.91E-08	14	1.15E-02	7.88E-09	1,000,000	7.88E-03
255	1.5467	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
256	1.46272	0.00012006	1.76E-04	2.50E-04	4.40E-08	14	1.15E-02	7.06E-09	1,000,000	7.06E-03
257	1.79946	0.00012006	2.16E-04	2.50E-04	5.41E-08	14	1.15E-02	8.68E-09	1,000,000	8.68E-03
258	1.73564	0.00012006	2.08E-04	2.50E-04	5.22E-08	14	1.15E-02	8.38E-09	1,000,000	8.38E-03
259	1.66381	0.00012006	2.00E-04	2.50E-04	5.00E-08	14	1.15E-02	8.03E-09	1,000,000	8.03E-03
260	1.58746	0.00012006	1.91E-04	2.50E-04	4.77E-08	14	1.15E-02	7.66E-09	1,000,000	7.66E-03
261	1.50917	0.00012006	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
262	1.43302	0.00012006	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
263	1.35936	0.00012006	1.63E-04	2.50E-04	4.08E-08	14	1.15E-02	6.56E-09	1,000,000	6.56E-03
264	1.6558	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	7.99E-09	1,000,000	7.99E-03
265	1.59884	0.00012006	1.92E-04	2.50E-04	4.80E-08	14	1.15E-02	7.72E-09	1,000,000	7.72E-03
266	1.53533	0.00012006	1.84E-04	2.50E-04	4.61E-08	14	1.15E-02	7.41E-09	1,000,000	7.41E-03
267	1.46825	0.00012006	1.76E-04	2.50E-04	4.41E-08	14	1.15E-02	7.09E-09	1,000,000	7.09E-03
268	1.40011	0.00012006	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
269	1.3327	0.00012006	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
270	1.26741	0.00012006	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.12E-09	1,000,000	6.12E-03
271	1.52937	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.38E-09	1,000,000	7.38E-03
272	1.47846	0.00012006	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
273	1.42213	0.00012006	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
274	1.36278	0.00012006	1.64E-04	2.50E-04	4.09E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
275	1.30249	0.00012006	1.56E-04	2.50E-04	3.91E-08	14	1.15E-02	6.29E-09	1,000,000	6.29E-03
276	1.243	0.00012006	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	6.00E-09	1,000,000	6.00E-03
277	1.1847	0.00012006	1.42E-04	2.50E-04	3.56E-08	14	1.15E-02	5.72E-09	1,000,000	5.72E-03
278	1.47907	0.00012006	1.78E-04	2.50E-04	4.44E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
279	1.54793	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
280	1.72779	0.00012006	2.07E-04	2.50E-04	5.19E-08	14	1.15E-02	8.34E-09	1,000,000	8.34E-03
281	1.7029	0.00012006	2.04E-04	2.50E-04	5.12E-08	14	1.15E-02	8.22E-09	1,000,000	8.22E-03
282	1.88133	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.08E-09	1,000,000	9.08E-03
283	1.5477	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	4.73824	0.00012006	5.69E-04	2.50E-04	1.42E-07	29	1.15E-02	4.79E-08	1,000,000	4.79E-02
27	5.00637	0.00012006	6.01E-04	2.50E-04	1.50E-07	29	1.15E-02	5.06E-08	1,000,000	5.06E-02
28	5.27737	0.00012006	6.34E-04	2.50E-04	1.59E-07	29	1.15E-02	5.34E-08	1,000,000	5.34E-02
29	5.53917	0.00012006	6.65E-04	2.50E-04	1.66E-07	29	1.15E-02	5.60E-08	1,000,000	5.60E-02
30	5.7811	0.00012006	6.94E-04	2.50E-04	1.74E-07	29	1.15E-02	5.85E-08	1,000,000	5.85E-02
31	5.99591	0.00012006	7.20E-04	2.50E-04	1.80E-07	29	1.15E-02	6.07E-08	1,000,000	6.07E-02
32	6.17906	0.00012006	7.42E-04	2.50E-04	1.86E-07	29	1.15E-02	6.25E-08	1,000,000	6.25E-02
33	6.32678	0.00012006	7.60E-04	2.50E-04	1.90E-07	29	1.15E-02	6.40E-08	1,000,000	6.40E-02
34	6.43471	0.00012006	7.73E-04	2.50E-04	1.93E-07	29	1.15E-02	6.51E-08	1,000,000	6.51E-02
35	6.49733	0.00012006	7.80E-04	2.50E-04	1.95E-07	29	1.15E-02	6.57E-08	1,000,000	6.57E-02
36	6.50666	0.00012006	7.81E-04	2.50E-04	1.96E-07	29	1.15E-02	6.58E-08	1,000,000	6.58E-02
37	5.18338	0.00012006	6.22E-04	2.50E-04	1.56E-07	29	1.15E-02	5.24E-08	1,000,000	5.24E-02
38	5.49406	0.00012006	6.60E-04	2.50E-04	1.65E-07	29	1.15E-02	5.56E-08	1,000,000	5.56E-02
39	5.80857	0.00012006	6.97E-04	2.50E-04	1.75E-07	29	1.15E-02	5.88E-08	1,000,000	5.88E-02
40	6.11174	0.00012006	7.34E-04	2.50E-04	1.84E-07	29	1.15E-02	6.18E-08	1,000,000	6.18E-02
41	6.39006	0.00012006	7.67E-04	2.50E-04	1.92E-07	29	1.15E-02	6.46E-08	1,000,000	6.46E-02
42	6.6342	0.00012006	7.96E-04	2.50E-04	1.99E-07	29	1.15E-02	6.71E-08	1,000,000	6.71E-02
43	6.83816	0.00012006	8.21E-04	2.50E-04	2.05E-07	29	1.15E-02	6.92E-08	1,000,000	6.92E-02
44	6.99673	0.00012006	8.40E-04	2.50E-04	2.10E-07	29	1.15E-02	7.08E-08	1,000,000	7.08E-02
45	7.10401	0.00012006	8.53E-04	2.50E-04	2.13E-07	29	1.15E-02	7.19E-08	1,000,000	7.19E-02
46	7.15303	0.00012006	8.59E-04	2.50E-04	2.15E-07	29	1.15E-02	7.24E-08	1,000,000	7.24E-02
47	7.13486	0.00012006	8.57E-04	2.50E-04	2.14E-07	29	1.15E-02	7.22E-08	1,000,000	7.22E-02
48	5.699	0.00012006	6.84E-04	2.50E-04	1.71E-07	29	1.15E-02	5.77E-08	1,000,000	5.77E-02
49	6.06208	0.00012006	7.28E-04	2.50E-04	1.82E-07	29	1.15E-02	6.13E-08	1,000,000	6.13E-02
50	6.43031	0.00012006	7.72E-04	2.50E-04	1.93E-07	29	1.15E-02	6.51E-08	1,000,000	6.51E-02
51	6.78439	0.00012006	8.15E-04	2.50E-04	2.04E-07	29	1.15E-02	6.86E-08	1,000,000	6.86E-02
52	7.10685	0.00012006	8.53E-04	2.50E-04	2.14E-07	29	1.15E-02	7.19E-08	1,000,000	7.19E-02
53	7.38558	0.00012006	8.87E-04	2.50E-04	2.22E-07	29	1.15E-02	7.47E-08	1,000,000	7.47E-02
54	7.61244	0.00012006	9.14E-04	2.50E-04	2.29E-07	29	1.15E-02	7.70E-08	1,000,000	7.70E-02
55	7.78023	0.00012006	9.34E-04	2.50E-04	2.34E-07	29	1.15E-02	7.87E-08	1,000,000	7.87E-02
56	7.88098	0.00012006	9.46E-04	2.50E-04	2.37E-07	29	1.15E-02	7.97E-08	1,000,000	7.97E-02
57	7.90614	0.00012006	9.49E-04	2.50E-04	2.38E-07	29	1.15E-02	8.00E-08	1,000,000	8.00E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	9.42E-04	2.50E-04	2.36E-07	29	1.15E-02	7.94E-08	1,000,000	7.94E-02
59	6.3013	0.00012006	7.57E-04	2.50E-04	1.89E-07	29	1.15E-02	6.37E-08	1,000,000	6.37E-02
60	6.7297	0.00012006	8.08E-04	2.50E-04	2.02E-07	29	1.15E-02	6.81E-08	1,000,000	6.81E-02
61	7.1651	0.00012006	8.60E-04	2.50E-04	2.15E-07	29	1.15E-02	7.25E-08	1,000,000	7.25E-02
62	7.58254	0.00012006	9.10E-04	2.50E-04	2.28E-07	29	1.15E-02	7.67E-08	1,000,000	7.67E-02
63	7.95908	0.00012006	9.56E-04	2.50E-04	2.39E-07	29	1.15E-02	8.05E-08	1,000,000	8.05E-02
64	8.27861	0.00012006	9.94E-04	2.50E-04	2.49E-07	29	1.15E-02	8.37E-08	1,000,000	8.37E-02
65	8.52998	0.00012006	1.02E-03	2.50E-04	2.56E-07	29	1.15E-02	8.63E-08	1,000,000	8.63E-02
66	8.70313	0.00012006	1.04E-03	2.50E-04	2.62E-07	29	1.15E-02	8.80E-08	1,000,000	8.80E-02
67	8.78743	0.00012006	1.05E-03	2.50E-04	2.64E-07	29	1.15E-02	8.89E-08	1,000,000	8.89E-02
68	8.77289	0.00012006	1.05E-03	2.50E-04	2.64E-07	29	1.15E-02	8.88E-08	1,000,000	8.88E-02
69	8.65098	0.00012006	1.04E-03	2.50E-04	2.60E-07	29	1.15E-02	8.75E-08	1,000,000	8.75E-02
70	7.01142	0.00012006	8.42E-04	2.50E-04	2.11E-07	29	1.15E-02	7.09E-08	1,000,000	7.09E-02
71	7.52239	0.00012006	9.03E-04	2.50E-04	2.26E-07	29	1.15E-02	7.61E-08	1,000,000	7.61E-02
72	8.04302	0.00012006	9.66E-04	2.50E-04	2.42E-07	29	1.15E-02	8.14E-08	1,000,000	8.14E-02
73	8.54041	0.00012006	1.03E-03	2.50E-04	2.57E-07	29	1.15E-02	8.64E-08	1,000,000	8.64E-02
74	8.98382	0.00012006	1.08E-03	2.50E-04	2.70E-07	29	1.15E-02	9.09E-08	1,000,000	9.09E-02
75	9.35138	0.00012006	1.12E-03	2.50E-04	2.81E-07	29	1.15E-02	9.46E-08	1,000,000	9.46E-02
76	9.62755	0.00012006	1.16E-03	2.50E-04	2.89E-07	29	1.15E-02	9.74E-08	1,000,000	9.74E-02
77	9.7982	0.00012006	1.18E-03	2.50E-04	2.94E-07	29	1.15E-02	9.91E-08	1,000,000	9.91E-02
78	9.84952	0.00012006	1.18E-03	2.50E-04	2.96E-07	29	1.15E-02	9.96E-08	1,000,000	9.96E-02
79	9.77107	0.00012006	1.17E-03	2.50E-04	2.94E-07	29	1.15E-02	9.88E-08	1,000,000	9.88E-02
80	9.55783	0.00012006	1.15E-03	2.50E-04	2.87E-07	29	1.15E-02	9.67E-08	1,000,000	9.67E-02
81	7.85749	0.00012006	9.43E-04	2.50E-04	2.36E-07	29	1.15E-02	7.95E-08	1,000,000	7.95E-02
82	8.47449	0.00012006	1.02E-03	2.50E-04	2.55E-07	29	1.15E-02	8.57E-08	1,000,000	8.57E-02
83	9.105	0.00012006	1.09E-03	2.50E-04	2.74E-07	29	1.15E-02	9.21E-08	1,000,000	9.21E-02
84	9.70482	0.00012006	1.17E-03	2.50E-04	2.92E-07	29	1.15E-02	9.82E-08	1,000,000	9.82E-02
85	10.23178	0.00012006	1.23E-03	2.50E-04	3.07E-07	29	1.15E-02	1.04E-07	1,000,000	1.04E-01
86	10.65545	0.00012006	1.28E-03	2.50E-04	3.20E-07	29	1.15E-02	1.08E-07	1,000,000	1.08E-01
87	10.95378	0.00012006	1.32E-03	2.50E-04	3.29E-07	29	1.15E-02	1.11E-07	1,000,000	1.11E-01
88	11.10698	0.00012006	1.33E-03	2.50E-04	3.34E-07	29	1.15E-02	1.12E-07	1,000,000	1.12E-01
89	11.09807	0.00012006	1.33E-03	2.50E-04	3.33E-07	29	1.15E-02	1.12E-07	1,000,000	1.12E-01
90	10.91888	0.00012006	1.31E-03	2.50E-04	3.28E-07	29	1.15E-02	1.10E-07	1,000,000	1.10E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	1.27E-03	2.50E-04	3.18E-07	29	1.15E-02	1.07E-07	1,000,000	1.07E-01
92	8.87755	0.00012006	1.07E-03	2.50E-04	2.67E-07	29	1.15E-02	8.98E-08	1,000,000	8.98E-02
93	9.63315	0.00012006	1.16E-03	2.50E-04	2.89E-07	29	1.15E-02	9.75E-08	1,000,000	9.75E-02
94	10.40807	0.00012006	1.25E-03	2.50E-04	3.13E-07	29	1.15E-02	1.05E-07	1,000,000	1.05E-01
95	11.14143	0.00012006	1.34E-03	2.50E-04	3.35E-07	29	1.15E-02	1.13E-07	1,000,000	1.13E-01
96	11.77382	0.00012006	1.41E-03	2.50E-04	3.54E-07	29	1.15E-02	1.19E-07	1,000,000	1.19E-01
97	12.26183	0.00012006	1.47E-03	2.50E-04	3.68E-07	29	1.15E-02	1.24E-07	1,000,000	1.24E-01
98	12.57354	0.00012006	1.51E-03	2.50E-04	3.78E-07	29	1.15E-02	1.27E-07	1,000,000	1.27E-01
99	12.6817	0.00012006	1.52E-03	2.50E-04	3.81E-07	29	1.15E-02	1.28E-07	1,000,000	1.28E-01
100	12.56792	0.00012006	1.51E-03	2.50E-04	3.78E-07	29	1.15E-02	1.27E-07	1,000,000	1.27E-01
101	12.23282	0.00012006	1.47E-03	2.50E-04	3.68E-07	29	1.15E-02	1.24E-07	1,000,000	1.24E-01
102	11.69847	0.00012006	1.40E-03	2.50E-04	3.52E-07	29	1.15E-02	1.18E-07	1,000,000	1.18E-01
103	12.54262	0.00012006	1.51E-03	2.50E-04	3.77E-07	29	1.15E-02	1.27E-07	1,000,000	1.27E-01
104	13.29962	0.00012006	1.60E-03	2.50E-04	4.00E-07	29	1.15E-02	1.35E-07	1,000,000	1.35E-01
105	14.05829	0.00012006	1.69E-03	2.50E-04	4.22E-07	29	1.15E-02	1.42E-07	1,000,000	1.42E-01
106	14.33978	0.00012006	1.72E-03	2.50E-04	4.31E-07	29	1.15E-02	1.45E-07	1,000,000	1.45E-01
107	14.5868	0.00012006	1.75E-03	2.50E-04	4.38E-07	29	1.15E-02	1.48E-07	1,000,000	1.48E-01
108	14.29572	0.00012006	1.72E-03	2.50E-04	4.30E-07	29	1.15E-02	1.45E-07	1,000,000	1.45E-01
109	13.72369	0.00012006	1.65E-03	2.50E-04	4.12E-07	29	1.15E-02	1.39E-07	1,000,000	1.39E-01
110	12.92612	0.00012006	1.55E-03	2.50E-04	3.88E-07	29	1.15E-02	1.31E-07	1,000,000	1.31E-01
111	11.68696	0.00012006	1.40E-03	2.50E-04	3.51E-07	29	1.15E-02	1.18E-07	1,000,000	1.18E-01
112	10.67582	0.00012006	1.28E-03	2.50E-04	3.21E-07	29	1.15E-02	1.08E-07	1,000,000	1.08E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

Receptor #	Max. Risk				*Chronic Non Cancer Risk*				
	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	4.5E-02	School	0.4546	107	5	4.07E-05	0.00105	107	School
2	4.8E-02	Res	0.1965	204	5	4.33E-05	0.0002	204	Res
3	5.1E-02	Teachers	0.148	107	5	4.63E-05	0.00105	107	Teachers
4	5.5E-02				5	4.96E-05			
5	5.9E-02				5	5.33E-05			
6	4.4E-02				5	4.03E-05			
7	4.7E-02				5	4.29E-05			
8	5.1E-02				5	4.59E-05			
9	5.4E-02				5	4.92E-05			
10	5.8E-02				5	5.30E-05			
11	4.4E-02				5	4.00E-05			
12	4.7E-02				5	4.26E-05			
13	5.0E-02				5	4.55E-05			
14	5.4E-02				5	4.89E-05			
15	5.8E-02				5	5.27E-05			
16	4.4E-02				5	3.97E-05			
17	4.7E-02				5	4.23E-05			
18	5.0E-02				5	4.52E-05			
19	5.3E-02				5	4.85E-05			
20	5.8E-02				5	5.23E-05			
21	4.3E-02				5	3.94E-05			
22	4.6E-02				5	4.20E-05			
23	5.0E-02				5	4.50E-05			
24	5.3E-02				5	4.83E-05			
25	5.7E-02				5	5.20E-05			
113	1.6E-01				5	1.45E-04			
114	1.5E-01				5	1.34E-04			
115	1.4E-01				5	1.23E-04			
116	1.3E-01				5	1.14E-04			
117	1.6E-01				5	1.49E-04			
118	1.5E-01				5	1.37E-04			
119	1.4E-01				5	1.26E-04			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.3E-01				5	1.16E-04		
121	1.7E-01				5	1.53E-04		
122	1.5E-01				5	1.40E-04		
123	1.4E-01				5	1.28E-04		
124	1.3E-01				5	1.18E-04		
125	1.7E-01				5	1.56E-04		
126	1.6E-01				5	1.42E-04		
127	1.4E-01				5	1.30E-04		
128	1.3E-01				5	1.20E-04		
129	1.8E-01				5	1.59E-04		
130	1.6E-01				5	1.45E-04		
131	1.5E-01				5	1.32E-04		
132	1.3E-01				5	1.21E-04		
133	1.8E-01				5	1.62E-04		
134	1.6E-01				5	1.47E-04		
135	1.5E-01				5	1.34E-04		
136	1.3E-01				5	1.22E-04		
137	1.8E-01				5	1.64E-04		
138	1.5E-01				5	1.35E-04		
139	1.4E-01				5	1.23E-04		
140	1.9E-01				5	1.69E-04		
141	1.7E-01				5	1.52E-04		
142	1.5E-01				5	1.38E-04		
143	1.4E-01				5	1.25E-04		
144	1.9E-01				5	1.69E-04		
145	1.7E-01				5	1.52E-04		
146	1.5E-01				5	1.38E-04		
147	1.4E-01				5	1.26E-04		
148	1.9E-01				5	1.70E-04		
149	1.7E-01				5	1.52E-04		
150	1.5E-01				5	1.38E-04		
151	1.4E-01				5	1.26E-04		
152	1.9E-01				5	1.69E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.7E-01				5	1.52E-04		
154	1.5E-01				5	1.38E-04		
155	1.4E-01				5	1.25E-04		
156	1.9E-01				5	1.68E-04		
157	1.7E-01				5	1.51E-04		
158	1.5E-01				5	1.37E-04		
159	1.4E-01				5	1.25E-04		
160	1.8E-01				5	1.66E-04		
161	1.6E-01				5	1.50E-04		
162	1.5E-01				5	1.35E-04		
163	1.4E-01				5	1.23E-04		
164	1.8E-01				5	1.63E-04		
165	1.6E-01				5	1.47E-04		
166	1.5E-01				5	1.33E-04		
167	1.3E-01				5	1.22E-04		
168	1.8E-01				5	1.60E-04		
169	1.6E-01				5	1.44E-04		
170	1.4E-01				5	1.31E-04		
171	1.3E-01				5	1.19E-04		
172	1.7E-01				5	1.55E-04		
173	1.5E-01				5	1.40E-04		
174	1.4E-01				5	1.28E-04		
175	1.3E-01				5	1.17E-04		
176	1.6E-01				5	1.49E-04		
177	1.5E-01				5	1.36E-04		
178	1.4E-01				5	1.24E-04		
179	1.3E-01				5	1.14E-04		
180	1.6E-01				5	1.41E-04		
181	1.4E-01				5	1.30E-04		
182	1.3E-01				5	1.19E-04		
183	1.2E-01				5	1.10E-04		
184	1.9E-01				5	1.76E-04		
185	1.8E-01				5	1.64E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	1.7E-01				5	1.50E-04		
187	1.5E-01				5	1.38E-04		
188	1.4E-01				5	1.27E-04		
189	1.8E-01				5	1.62E-04		
190	1.6E-01				5	1.49E-04		
191	1.5E-01				5	1.39E-04		
192	1.4E-01				5	1.29E-04		
193	1.3E-01				5	1.19E-04		
194	1.6E-01				5	1.46E-04		
195	1.5E-01				5	1.36E-04		
196	1.4E-01				5	1.27E-04		
197	1.3E-01				5	1.18E-04		
198	1.2E-01				5	1.11E-04		
199	1.5E-01				5	1.34E-04		
200	1.4E-01				5	1.24E-04		
201	1.3E-01				5	1.16E-04		
202	1.2E-01				5	1.09E-04		
203	1.1E-01				5	1.02E-04		
204	2.0E-01				5	1.78E-04		
205	1.4E-01				5	1.23E-04		
206	1.3E-01				5	1.14E-04		
207	1.2E-01				5	1.07E-04		
208	1.1E-01				5	1.00E-04		
209	1.8E-01				5	1.64E-04		
210	1.6E-01				5	1.49E-04		
211	1.5E-01				5	1.36E-04		
212	1.4E-01				5	1.25E-04		
213	1.3E-01				5	1.15E-04		
214	1.2E-01				5	1.06E-04		
215	1.1E-01				5	9.92E-05		
216	1.8E-01				5	1.63E-04		
217	1.7E-01				5	1.50E-04		
218	1.5E-01				5	1.38E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.4E-01				5	1.28E-04		
220	1.3E-01				5	1.18E-04		
221	1.2E-01				5	1.09E-04		
222	1.6E-01				5	1.49E-04		
223	1.5E-01				5	1.38E-04		
224	1.4E-01				5	1.28E-04		
225	1.3E-01				5	1.19E-04		
226	1.2E-01				5	1.10E-04		
227	1.5E-01				5	1.36E-04		
228	1.4E-01				5	1.27E-04		
229	1.3E-01				5	1.18E-04		
230	1.2E-01				5	1.10E-04		
231	1.4E-01				5	1.25E-04		
232	1.3E-01				5	1.17E-04		
233	1.2E-01				5	1.10E-04		
234	1.1E-01				5	1.03E-04		
235	1.3E-01				5	1.16E-04		
236	1.2E-01				5	1.09E-04		
237	1.1E-01				5	1.02E-04		
238	1.1E-01				5	9.60E-05		
239	1.2E-01				5	1.07E-04		
240	1.1E-01				5	1.01E-04		
241	1.0E-01				5	9.52E-05		
242	9.9E-02				5	8.99E-05		
243	1.7E-01				5	1.55E-04		
244	1.6E-01				5	1.49E-04		
245	1.6E-01				5	1.43E-04		
246	1.5E-01				5	1.35E-04		
247	1.4E-01				5	1.28E-04		
248	1.3E-01				5	1.21E-04		
249	1.3E-01				5	1.14E-04		
250	1.6E-01				5	1.42E-04		
251	1.5E-01				5	1.36E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.4E-01				5	1.30E-04		
253	1.4E-01				5	1.24E-04		
254	1.3E-01				5	1.18E-04		
255	1.2E-01				5	1.11E-04		
256	1.2E-01				5	1.05E-04		
257	1.4E-01				5	1.30E-04		
258	1.4E-01				5	1.25E-04		
259	1.3E-01				5	1.20E-04		
260	1.3E-01				5	1.14E-04		
261	1.2E-01				5	1.09E-04		
262	1.1E-01				5	1.03E-04		
263	1.1E-01				5	9.79E-05		
264	1.3E-01				5	1.19E-04		
265	1.3E-01				5	1.15E-04		
266	1.2E-01				5	1.11E-04		
267	1.2E-01				5	1.06E-04		
268	1.1E-01				5	1.01E-04		
269	1.1E-01				5	9.60E-05		
270	1.0E-01				5	9.13E-05		
271	1.2E-01				5	1.10E-04		
272	1.2E-01				5	1.06E-04		
273	1.1E-01				5	1.02E-04		
274	1.1E-01				5	9.82E-05		
275	1.0E-01				5	9.38E-05		
276	9.9E-02				5	8.95E-05		
277	9.4E-02				5	8.53E-05		
278	1.2E-01				5	1.07E-04		
279	1.2E-01				5	1.12E-04		
280	1.4E-01				5	1.24E-04		
281	1.4E-01				5	1.23E-04		
282	1.5E-01				5	1.36E-04		
283	1.2E-01				5	1.11E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	1.5E-01	4.8E-02			5	3.41E-04		
27	1.6E-01	5.1E-02			5	3.61E-04		
28	1.6E-01	5.3E-02			5	3.80E-04		
29	1.7E-01	5.6E-02			5	3.99E-04		
30	1.8E-01	5.8E-02			5	4.16E-04		
31	1.9E-01	6.1E-02			5	4.32E-04		
32	1.9E-01	6.3E-02			5	4.45E-04		
33	2.0E-01	6.4E-02			5	4.56E-04		
34	2.0E-01	6.5E-02			5	4.64E-04		
35	2.0E-01	6.6E-02			5	4.68E-04		
36	2.0E-01	6.6E-02			5	4.69E-04		
37	1.6E-01	5.2E-02			5	3.73E-04		
38	1.7E-01	5.6E-02			5	3.96E-04		
39	1.8E-01	5.9E-02			5	4.18E-04		
40	1.9E-01	6.2E-02			5	4.40E-04		
41	2.0E-01	6.5E-02			5	4.60E-04		
42	2.1E-01	6.7E-02			5	4.78E-04		
43	2.1E-01	6.9E-02			5	4.93E-04		
44	2.2E-01	7.1E-02			5	5.04E-04		
45	2.2E-01	7.2E-02			5	5.12E-04		
46	2.2E-01	7.2E-02			5	5.15E-04		
47	2.2E-01	7.2E-02			5	5.14E-04		
48	1.8E-01	5.8E-02			5	4.11E-04		
49	1.9E-01	6.1E-02			5	4.37E-04		
50	2.0E-01	6.5E-02			5	4.63E-04		
51	2.1E-01	6.9E-02			5	4.89E-04		
52	2.2E-01	7.2E-02			5	5.12E-04		
53	2.3E-01	7.5E-02			5	5.32E-04		
54	2.4E-01	7.7E-02			5	5.48E-04		
55	2.4E-01	7.9E-02			5	5.60E-04		
56	2.5E-01	8.0E-02			5	5.68E-04		
57	2.5E-01	8.0E-02			5	5.70E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.4E-01	7.9E-02			5	5.65E-04		
59	2.0E-01	6.4E-02			5	4.54E-04		
60	2.1E-01	6.8E-02			5	4.85E-04		
61	2.2E-01	7.2E-02			5	5.16E-04		
62	2.4E-01	7.7E-02			5	5.46E-04		
63	2.5E-01	8.1E-02			5	5.73E-04		
64	2.6E-01	8.4E-02			5	5.96E-04		
65	2.7E-01	8.6E-02			5	6.14E-04		
66	2.7E-01	8.8E-02			5	6.27E-04		
67	2.7E-01	8.9E-02			5	6.33E-04		
68	2.7E-01	8.9E-02			5	6.32E-04		
69	2.7E-01	8.8E-02			5	6.23E-04		
70	2.2E-01	7.1E-02			5	5.05E-04		
71	2.3E-01	7.6E-02			5	5.42E-04		
72	2.5E-01	8.1E-02			5	5.79E-04		
73	2.7E-01	8.6E-02			5	6.15E-04		
74	2.8E-01	9.1E-02			5	6.47E-04		
75	2.9E-01	9.5E-02			5	6.74E-04		
76	3.0E-01	9.7E-02			5	6.94E-04		
77	3.1E-01	9.9E-02			5	7.06E-04		
78	3.1E-01	1.0E-01			5	7.09E-04		
79	3.0E-01	9.9E-02			5	7.04E-04		
80	3.0E-01	9.7E-02			5	6.88E-04		
81	2.4E-01	7.9E-02			5	5.66E-04		
82	2.6E-01	8.6E-02			5	6.10E-04		
83	2.8E-01	9.2E-02			5	6.56E-04		
84	3.0E-01	9.8E-02			5	6.99E-04		
85	3.2E-01	1.0E-01			5	7.37E-04		
86	3.3E-01	1.1E-01			5	7.68E-04		
87	3.4E-01	1.1E-01			5	7.89E-04		
88	3.5E-01	1.1E-01			5	8.00E-04		
89	3.5E-01	1.1E-01			5	7.99E-04		
90	3.4E-01	1.1E-01			5	7.87E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	3.3E-01	1.1E-01			5	7.62E-04		
92	2.8E-01	9.0E-02			5	6.39E-04		
93	3.0E-01	9.7E-02			5	6.94E-04		
94	3.2E-01	1.1E-01			5	7.50E-04		
95	3.5E-01	1.1E-01			5	8.03E-04		
96	3.7E-01	1.2E-01			5	8.48E-04		
97	3.8E-01	1.2E-01			5	8.83E-04		
98	3.9E-01	1.3E-01			5	9.06E-04		
99	4.0E-01	1.3E-01			5	9.14E-04		
100	3.9E-01	1.3E-01			5	9.05E-04		
101	3.8E-01	1.2E-01			5	8.81E-04		
102	3.6E-01	1.2E-01			5	8.43E-04		
103	3.9E-01	1.3E-01			5	9.03E-04		
104	4.1E-01	1.3E-01			5	9.58E-04		
105	4.4E-01	1.4E-01			5	1.01E-03		
106	4.5E-01	1.5E-01			5	1.03E-03		
107	4.5E-01	1.5E-01			5	1.05E-03		
108	4.5E-01	1.4E-01			5	1.03E-03		
109	4.3E-01	1.4E-01			5	9.89E-04		
110	4.0E-01	1.3E-01			5	9.31E-04		
111	3.6E-01	1.2E-01			5	8.42E-04		
112	3.3E-01	1.1E-01			5	7.69E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	**5.73E-05**	2.88E-05	1.05E-03	3.02E-08	1.35	1.57E-01	6.40E-09	1,000,000	6.40E-03
2	0.53356	5.7347E-05	3.0598E-05	1.05E-03	3.20E-08	1.35	1.57E-01	6.78E-09	1,000,000	6.78E-03
3	0.56804	5.7347E-05	3.2575E-05	1.05E-03	3.40E-08	1.35	1.57E-01	7.22E-09	1,000,000	7.22E-03
4	0.60569	5.7347E-05	3.4734E-05	1.05E-03	3.63E-08	1.35	1.57E-01	7.70E-09	1,000,000	7.70E-03
5	0.64829	5.7347E-05	3.7177E-05	1.05E-03	3.89E-08	1.35	1.57E-01	8.24E-09	1,000,000	8.24E-03
6	0.49954	5.7347E-05	2.8647E-05	1.05E-03	2.99E-08	1.35	1.57E-01	6.35E-09	1,000,000	6.35E-03
7	0.52983	5.7347E-05	3.0384E-05	1.05E-03	3.18E-08	1.35	1.57E-01	6.74E-09	1,000,000	6.74E-03
8	0.56369	5.7347E-05	3.2326E-05	1.05E-03	3.38E-08	1.35	1.57E-01	7.17E-09	1,000,000	7.17E-03
9	0.60235	5.7347E-05	3.4543E-05	1.05E-03	3.61E-08	1.35	1.57E-01	7.66E-09	1,000,000	7.66E-03
10	0.6449	5.7347E-05	3.6983E-05	1.05E-03	3.87E-08	1.35	1.57E-01	8.20E-09	1,000,000	8.20E-03
11	0.49581	5.7347E-05	2.8433E-05	1.05E-03	2.97E-08	1.35	1.57E-01	6.30E-09	1,000,000	6.30E-03
12	0.52617	5.7347E-05	3.0174E-05	1.05E-03	3.15E-08	1.35	1.57E-01	6.69E-09	1,000,000	6.69E-03
13	0.56026	5.7347E-05	3.2129E-05	1.05E-03	3.36E-08	1.35	1.57E-01	7.12E-09	1,000,000	7.12E-03
14	0.5993	5.7347E-05	3.4368E-05	1.05E-03	3.59E-08	1.35	1.57E-01	7.62E-09	1,000,000	7.62E-03
15	0.64215	5.7347E-05	3.6825E-05	1.05E-03	3.85E-08	1.35	1.57E-01	8.17E-09	1,000,000	8.17E-03
16	0.49249	5.7347E-05	2.8243E-05	1.05E-03	2.95E-08	1.35	1.57E-01	6.26E-09	1,000,000	6.26E-03
17	0.52321	5.7347E-05	3.0004E-05	1.05E-03	3.14E-08	1.35	1.57E-01	6.65E-09	1,000,000	6.65E-03
18	0.55734	5.7347E-05	3.1962E-05	1.05E-03	3.34E-08	1.35	1.57E-01	7.09E-09	1,000,000	7.09E-03
19	0.59523	5.7347E-05	3.4134E-05	1.05E-03	3.57E-08	1.35	1.57E-01	7.57E-09	1,000,000	7.57E-03
20	0.63861	5.7347E-05	3.6622E-05	1.05E-03	3.83E-08	1.35	1.57E-01	8.12E-09	1,000,000	8.12E-03
21	0.48982	5.7347E-05	2.8089E-05	1.05E-03	2.94E-08	1.35	1.57E-01	6.23E-09	1,000,000	6.23E-03
22	0.52058	5.7347E-05	2.9853E-05	1.05E-03	3.12E-08	1.35	1.57E-01	6.62E-09	1,000,000	6.62E-03
23	0.55498	5.7347E-05	3.1826E-05	1.05E-03	3.33E-08	1.35	1.57E-01	7.06E-09	1,000,000	7.06E-03
24	0.5933	5.7347E-05	3.4024E-05	1.05E-03	3.56E-08	1.35	1.57E-01	7.54E-09	1,000,000	7.54E-03
25	0.63585	5.7347E-05	3.6464E-05	1.05E-03	3.81E-08	1.35	1.57E-01	8.09E-09	1,000,000	8.09E-03
113	2.50817	5.7347E-05	0.00014383	1.05E-03	1.50E-07	1.35	1.57E-01	3.19E-08	1,000,000	3.19E-02
114	2.27604	5.7347E-05	0.00013052	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
115	2.07277	5.7347E-05	0.00011887	1.05E-03	1.24E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
116	1.89456	5.7347E-05	0.00010865	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
117	2.57966	5.7347E-05	0.00014793	1.05E-03	1.55E-07	1.35	1.57E-01	3.28E-08	1,000,000	3.28E-02
118	2.33075	5.7347E-05	0.00013366	1.05E-03	1.40E-07	1.35	1.57E-01	2.96E-08	1,000,000	2.96E-02
119	2.1151	5.7347E-05	0.00012129	1.05E-03	1.27E-07	1.35	1.57E-01	2.69E-08	1,000,000	2.69E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	0.00011054	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
121	2.64366	5.7347E-05	0.0001516	1.05E-03	1.58E-07	1.35	1.57E-01	3.36E-08	1,000,000	3.36E-02
122	2.37917	5.7347E-05	0.00013644	1.05E-03	1.43E-07	1.35	1.57E-01	3.03E-08	1,000,000	3.03E-02
123	2.15213	5.7347E-05	0.00012342	1.05E-03	1.29E-07	1.35	1.57E-01	2.74E-08	1,000,000	2.74E-02
124	1.95616	5.7347E-05	0.00011218	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
125	2.6993	5.7347E-05	0.0001548	1.05E-03	1.62E-07	1.35	1.57E-01	3.43E-08	1,000,000	3.43E-02
126	2.42085	5.7347E-05	0.00013883	1.05E-03	1.45E-07	1.35	1.57E-01	3.08E-08	1,000,000	3.08E-02
127	2.18384	5.7347E-05	0.00012524	1.05E-03	1.31E-07	1.35	1.57E-01	2.78E-08	1,000,000	2.78E-02
128	1.9807	5.7347E-05	0.00011359	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
129	2.74637	5.7347E-05	0.00015749	1.05E-03	1.65E-07	1.35	1.57E-01	3.49E-08	1,000,000	3.49E-02
130	2.4561	5.7347E-05	0.00014085	1.05E-03	1.47E-07	1.35	1.57E-01	3.12E-08	1,000,000	3.12E-02
131	2.2108	5.7347E-05	0.00012678	1.05E-03	1.33E-07	1.35	1.57E-01	2.81E-08	1,000,000	2.81E-02
132	2.00178	5.7347E-05	0.0001148	1.05E-03	1.20E-07	1.35	1.57E-01	2.55E-08	1,000,000	2.55E-02
133	2.78553	5.7347E-05	0.00015974	1.05E-03	1.67E-07	1.35	1.57E-01	3.54E-08	1,000,000	3.54E-02
134	2.4856	5.7347E-05	0.00014254	1.05E-03	1.49E-07	1.35	1.57E-01	3.16E-08	1,000,000	3.16E-02
135	2.23352	5.7347E-05	0.00012808	1.05E-03	1.34E-07	1.35	1.57E-01	2.84E-08	1,000,000	2.84E-02
136	2.01959	5.7347E-05	0.00011582	1.05E-03	1.21E-07	1.35	1.57E-01	2.57E-08	1,000,000	2.57E-02
137	2.81724	5.7347E-05	0.00016156	1.05E-03	1.69E-07	1.35	1.57E-01	3.58E-08	1,000,000	3.58E-02
138	2.25161	5.7347E-05	0.00012912	1.05E-03	1.35E-07	1.35	1.57E-01	2.86E-08	1,000,000	2.86E-02
139	2.03345	5.7347E-05	0.00011661	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
140	2.85608	5.7347E-05	0.00016379	1.05E-03	1.71E-07	1.35	1.57E-01	3.63E-08	1,000,000	3.63E-02
141	2.53527	5.7347E-05	0.00014539	1.05E-03	1.52E-07	1.35	1.57E-01	3.22E-08	1,000,000	3.22E-02
142	2.26851	5.7347E-05	0.00013009	1.05E-03	1.36E-07	1.35	1.57E-01	2.88E-08	1,000,000	2.88E-02
143	2.04406	5.7347E-05	0.00011722	1.05E-03	1.23E-07	1.35	1.57E-01	2.60E-08	1,000,000	2.60E-02
144	2.84638	5.7347E-05	0.00016323	1.05E-03	1.71E-07	1.35	1.57E-01	3.62E-08	1,000,000	3.62E-02
145	2.52626	5.7347E-05	0.00014487	1.05E-03	1.51E-07	1.35	1.57E-01	3.21E-08	1,000,000	3.21E-02
146	2.26026	5.7347E-05	0.00012962	1.05E-03	1.35E-07	1.35	1.57E-01	2.87E-08	1,000,000	2.87E-02
147	2.03655	5.7347E-05	0.00011679	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
148	2.82227	5.7347E-05	0.00016185	1.05E-03	1.69E-07	1.35	1.57E-01	3.59E-08	1,000,000	3.59E-02
149	2.50601	5.7347E-05	0.00014371	1.05E-03	1.50E-07	1.35	1.57E-01	3.19E-08	1,000,000	3.19E-02
150	2.24307	5.7347E-05	0.00012863	1.05E-03	1.34E-07	1.35	1.57E-01	2.85E-08	1,000,000	2.85E-02
151	2.02184	5.7347E-05	0.00011595	1.05E-03	1.21E-07	1.35	1.57E-01	2.57E-08	1,000,000	2.57E-02
152	2.7804	5.7347E-05	0.00015945	1.05E-03	1.67E-07	1.35	1.57E-01	3.54E-08	1,000,000	3.54E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	0.00014175	1.05E-03	1.48E-07	1.35	1.57E-01	3.14E-08	1,000,000	3.14E-02
154	2.21477	5.7347E-05	0.00012701	1.05E-03	1.33E-07	1.35	1.57E-01	2.82E-08	1,000,000	2.82E-02
155	1.9981	5.7347E-05	0.00011458	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
156	2.71848	5.7347E-05	0.0001559	1.05E-03	1.63E-07	1.35	1.57E-01	3.46E-08	1,000,000	3.46E-02
157	2.42222	5.7347E-05	0.00013891	1.05E-03	1.45E-07	1.35	1.57E-01	3.08E-08	1,000,000	3.08E-02
158	2.17426	5.7347E-05	0.00012469	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
159	1.96453	5.7347E-05	0.00011266	1.05E-03	1.18E-07	1.35	1.57E-01	2.50E-08	1,000,000	2.50E-02
160	2.63444	5.7347E-05	0.00015108	1.05E-03	1.58E-07	1.35	1.57E-01	3.35E-08	1,000,000	3.35E-02
161	2.35618	5.7347E-05	0.00013512	1.05E-03	1.41E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
162	2.12125	5.7347E-05	0.00012165	1.05E-03	1.27E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02
163	1.92083	5.7347E-05	0.00011015	1.05E-03	1.15E-07	1.35	1.57E-01	2.44E-08	1,000,000	2.44E-02
164	2.5245	5.7347E-05	0.00014477	1.05E-03	1.51E-07	1.35	1.57E-01	3.21E-08	1,000,000	3.21E-02
165	2.27131	5.7347E-05	0.00013025	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
166	2.05243	5.7347E-05	0.0001177	1.05E-03	1.23E-07	1.35	1.57E-01	2.61E-08	1,000,000	2.61E-02
167	1.86544	5.7347E-05	0.00010698	1.05E-03	1.12E-07	1.35	1.57E-01	2.37E-08	1,000,000	2.37E-02
168	2.38548	5.7347E-05	0.0001368	1.05E-03	1.43E-07	1.35	1.57E-01	3.03E-08	1,000,000	3.03E-02
169	2.16428	5.7347E-05	0.00012411	1.05E-03	1.30E-07	1.35	1.57E-01	2.75E-08	1,000,000	2.75E-02
170	1.96856	5.7347E-05	0.00011289	1.05E-03	1.18E-07	1.35	1.57E-01	2.50E-08	1,000,000	2.50E-02
171	1.79927	5.7347E-05	0.00010318	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
172	2.22043	5.7347E-05	0.00012733	1.05E-03	1.33E-07	1.35	1.57E-01	2.82E-08	1,000,000	2.82E-02
173	2.03475	5.7347E-05	0.00011669	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
174	1.86689	5.7347E-05	0.00010706	1.05E-03	1.12E-07	1.35	1.57E-01	2.37E-08	1,000,000	2.37E-02
175	1.71839	5.7347E-05	9.8544E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.19E-08	1,000,000	2.19E-02
176	2.04116	5.7347E-05	0.00011705	1.05E-03	1.22E-07	1.35	1.57E-01	2.60E-08	1,000,000	2.60E-02
177	1.88875	5.7347E-05	0.00010831	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
178	1.74887	5.7347E-05	0.00010029	1.05E-03	1.05E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
179	1.62298	5.7347E-05	9.3072E-05	1.05E-03	9.73E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
180	1.8643	5.7347E-05	0.00010691	1.05E-03	1.12E-07	1.35	1.57E-01	2.37E-08	1,000,000	2.37E-02
181	1.73727	5.7347E-05	9.9626E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
182	1.62177	5.7347E-05	9.3003E-05	1.05E-03	9.72E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
183	1.51708	5.7347E-05	8.6999E-05	1.05E-03	9.09E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
184	2.61249	5.7347E-05	0.00014982	1.05E-03	1.57E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
185	2.08684	5.7347E-05	0.00011967	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	0.00011065	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
187	1.79464	5.7347E-05	0.00010292	1.05E-03	1.08E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
188	1.67542	5.7347E-05	9.608E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
189	2.08585	5.7347E-05	0.00011962	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
190	1.91226	5.7347E-05	0.00010966	1.05E-03	1.15E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02
191	1.76717	5.7347E-05	0.00010134	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
192	1.64457	5.7347E-05	9.431E-05	1.05E-03	9.86E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
193	1.53773	5.7347E-05	8.8184E-05	1.05E-03	9.22E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
194	1.92943	5.7347E-05	0.00011065	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
195	1.77008	5.7347E-05	0.00010151	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
196	1.63433	5.7347E-05	9.3723E-05	1.05E-03	9.80E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
197	1.51813	5.7347E-05	8.706E-05	1.05E-03	9.10E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
198	1.42018	5.7347E-05	8.1442E-05	1.05E-03	8.51E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
199	1.79488	5.7347E-05	0.00010293	1.05E-03	1.08E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
200	1.65052	5.7347E-05	9.4652E-05	1.05E-03	9.89E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
201	1.52428	5.7347E-05	8.7412E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
202	1.41527	5.7347E-05	8.1161E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
203	1.32214	5.7347E-05	7.582E-05	1.05E-03	7.92E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
204	2.34879	5.7347E-05	0.0001347	1.05E-03	1.41E-07	1.35	1.57E-01	2.99E-08	1,000,000	2.99E-02
205	1.67468	5.7347E-05	9.6037E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
206	1.54583	5.7347E-05	8.8648E-05	1.05E-03	9.27E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
207	1.42989	5.7347E-05	8.1999E-05	1.05E-03	8.57E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
208	1.32908	5.7347E-05	7.6218E-05	1.05E-03	7.97E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
209	2.14252	5.7347E-05	0.00012287	1.05E-03	1.28E-07	1.35	1.57E-01	2.72E-08	1,000,000	2.72E-02
210	1.9774	5.7347E-05	0.0001134	1.05E-03	1.19E-07	1.35	1.57E-01	2.51E-08	1,000,000	2.51E-02
211	1.82694	5.7347E-05	0.00010477	1.05E-03	1.10E-07	1.35	1.57E-01	2.32E-08	1,000,000	2.32E-02
212	1.69017	5.7347E-05	9.6925E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
213	1.56514	5.7347E-05	8.9755E-05	1.05E-03	9.38E-08	1.35	1.57E-01	1.99E-08	1,000,000	1.99E-02
214	1.4505	5.7347E-05	8.3181E-05	1.05E-03	8.69E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
215	1.34683	5.7347E-05	7.7236E-05	1.05E-03	8.07E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
216	2.07577	5.7347E-05	0.00011904	1.05E-03	1.24E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
217	1.93387	5.7347E-05	0.0001109	1.05E-03	1.16E-07	1.35	1.57E-01	2.46E-08	1,000,000	2.46E-02
218	1.80129	5.7347E-05	0.0001033	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.6398E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.14E-08	1,000,000	2.14E-02
220	1.56913	5.7347E-05	8.9984E-05	1.05E-03	9.41E-08	1.35	1.57E-01	2.00E-08	1,000,000	2.00E-02
221	1.46582	5.7347E-05	8.406E-05	1.05E-03	8.79E-08	1.35	1.57E-01	1.86E-08	1,000,000	1.86E-02
222	1.89783	5.7347E-05	0.00010883	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
223	1.77506	5.7347E-05	0.00010179	1.05E-03	1.06E-07	1.35	1.57E-01	2.26E-08	1,000,000	2.26E-02
224	1.66148	5.7347E-05	9.528E-05	1.05E-03	9.96E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
225	1.55709	5.7347E-05	8.9294E-05	1.05E-03	9.33E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
226	1.45921	5.7347E-05	8.3681E-05	1.05E-03	8.75E-08	1.35	1.57E-01	1.86E-08	1,000,000	1.86E-02
227	1.74232	5.7347E-05	9.9916E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
228	1.63578	5.7347E-05	9.3806E-05	1.05E-03	9.80E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
229	1.53761	5.7347E-05	8.8177E-05	1.05E-03	9.22E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
230	1.44524	5.7347E-05	8.288E-05	1.05E-03	8.66E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
231	1.60553	5.7347E-05	9.2072E-05	1.05E-03	9.62E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
232	1.51354	5.7347E-05	8.6796E-05	1.05E-03	9.07E-08	1.35	1.57E-01	1.92E-08	1,000,000	1.92E-02
233	1.42738	5.7347E-05	8.1855E-05	1.05E-03	8.56E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
234	1.34621	5.7347E-05	7.7201E-05	1.05E-03	8.07E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
235	1.48562	5.7347E-05	8.5195E-05	1.05E-03	8.90E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
236	1.40509	5.7347E-05	8.0577E-05	1.05E-03	8.42E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
237	1.32857	5.7347E-05	7.6189E-05	1.05E-03	7.96E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
238	1.25739	5.7347E-05	7.2107E-05	1.05E-03	7.54E-08	1.35	1.57E-01	1.60E-08	1,000,000	1.60E-02
239	1.37949	5.7347E-05	7.9109E-05	1.05E-03	8.27E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
240	1.30825	5.7347E-05	7.5024E-05	1.05E-03	7.84E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
241	1.24036	5.7347E-05	7.113E-05	1.05E-03	7.43E-08	1.35	1.57E-01	1.58E-08	1,000,000	1.58E-02
242	1.17736	5.7347E-05	6.7518E-05	1.05E-03	7.06E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
243	1.83497	5.7347E-05	0.00010523	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
244	1.79229	5.7347E-05	0.00010278	1.05E-03	1.07E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
245	1.73706	5.7347E-05	9.9614E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
246	1.67209	5.7347E-05	9.5889E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
247	1.60002	5.7347E-05	9.1756E-05	1.05E-03	9.59E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
248	1.52574	5.7347E-05	8.7496E-05	1.05E-03	9.15E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
249	1.45117	5.7347E-05	8.322E-05	1.05E-03	8.70E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
250	1.68945	5.7347E-05	9.6884E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
251	1.65007	5.7347E-05	9.4626E-05	1.05E-03	9.89E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.1778E-05	1.05E-03	9.59E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
253	1.54276	5.7347E-05	8.8472E-05	1.05E-03	9.25E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
254	1.47919	5.7347E-05	8.4826E-05	1.05E-03	8.87E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02
255	1.41377	5.7347E-05	8.1075E-05	1.05E-03	8.47E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
256	1.34735	5.7347E-05	7.7266E-05	1.05E-03	8.08E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
257	1.56134	5.7347E-05	8.9537E-05	1.05E-03	9.36E-08	1.35	1.57E-01	1.99E-08	1,000,000	1.99E-02
258	1.52503	5.7347E-05	8.7455E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
259	1.48023	5.7347E-05	8.4886E-05	1.05E-03	8.87E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02
260	1.42886	5.7347E-05	8.194E-05	1.05E-03	8.56E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
261	1.37251	5.7347E-05	7.8709E-05	1.05E-03	8.23E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
262	1.31448	5.7347E-05	7.5381E-05	1.05E-03	7.88E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
263	1.25576	5.7347E-05	7.2014E-05	1.05E-03	7.53E-08	1.35	1.57E-01	1.60E-08	1,000,000	1.60E-02
264	1.4482	5.7347E-05	8.3049E-05	1.05E-03	8.68E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
265	1.41458	5.7347E-05	8.1121E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
266	1.37393	5.7347E-05	7.879E-05	1.05E-03	8.24E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
267	1.32794	5.7347E-05	7.6153E-05	1.05E-03	7.96E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
268	1.27825	5.7347E-05	7.3303E-05	1.05E-03	7.66E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
269	1.2264	5.7347E-05	7.033E-05	1.05E-03	7.35E-08	1.35	1.57E-01	1.56E-08	1,000,000	1.56E-02
270	1.174	5.7347E-05	6.7325E-05	1.05E-03	7.04E-08	1.35	1.57E-01	1.49E-08	1,000,000	1.49E-02
271	1.34732	5.7347E-05	7.7264E-05	1.05E-03	8.08E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
272	1.31631	5.7347E-05	7.5486E-05	1.05E-03	7.89E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
273	1.27942	5.7347E-05	7.337E-05	1.05E-03	7.67E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
274	1.23803	5.7347E-05	7.0997E-05	1.05E-03	7.42E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
275	1.19351	5.7347E-05	6.8444E-05	1.05E-03	7.15E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02
276	1.14734	5.7347E-05	6.5796E-05	1.05E-03	6.88E-08	1.35	1.57E-01	1.46E-08	1,000,000	1.46E-02
277	1.10023	5.7347E-05	6.3094E-05	1.05E-03	6.59E-08	1.35	1.57E-01	1.40E-08	1,000,000	1.40E-02
278	1.21807	5.7347E-05	6.9852E-05	1.05E-03	7.30E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
279	1.26759	5.7347E-05	7.2692E-05	1.05E-03	7.60E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02
280	1.39571	5.7347E-05	8.0039E-05	1.05E-03	8.37E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
281	1.37806	5.7347E-05	7.9027E-05	1.05E-03	8.26E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
282	1.5042	5.7347E-05	8.6261E-05	1.05E-03	9.02E-08	1.35	1.57E-01	1.91E-08	1,000,000	1.91E-02
283	1.26674	5.7347E-05	7.2643E-05	1.05E-03	7.59E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	5.8698	5.7347E-05	0.00033661	1.05E-03	3.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	6.31264	5.7347E-05	0.00036201	1.05E-03	3.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.79049	5.7347E-05	0.00038941	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	7.30904	5.7347E-05	0.00041915	1.05E-03	4.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.86707	5.7347E-05	0.00045115	1.05E-03	4.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.44863	5.7347E-05	0.0004845	1.05E-03	5.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	9.02198	5.7347E-05	0.00051738	1.05E-03	5.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.54868	5.7347E-05	0.00054758	1.05E-03	5.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	9.9955	5.7347E-05	0.00057321	1.05E-03	5.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.33724	5.7347E-05	0.00059281	1.05E-03	6.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	10.5465	5.7347E-05	0.00060481	1.05E-03	6.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	6.48006	5.7347E-05	0.00037161	1.05E-03	3.88E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	7.01117	5.7347E-05	0.00040207	1.05E-03	4.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	7.58667	5.7347E-05	0.00043507	1.05E-03	4.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	8.2138	5.7347E-05	0.00047103	1.05E-03	4.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.89226	5.7347E-05	0.00050994	1.05E-03	5.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.60279	5.7347E-05	0.00055069	1.05E-03	5.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	10.30338	5.7347E-05	0.00059086	1.05E-03	6.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.94073	5.7347E-05	0.00062741	1.05E-03	6.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.46773	5.7347E-05	0.00065763	1.05E-03	6.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	11.84826	5.7347E-05	0.00067946	1.05E-03	7.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	12.04504	5.7347E-05	0.00069074	1.05E-03	7.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	7.19196	5.7347E-05	0.00041243	1.05E-03	4.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	7.83668	5.7347E-05	0.00044941	1.05E-03	4.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	8.53939	5.7347E-05	0.0004897	1.05E-03	5.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	9.30907	5.7347E-05	0.00053384	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	10.14676	5.7347E-05	0.00058188	1.05E-03	6.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	11.02904	5.7347E-05	0.00063248	1.05E-03	6.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.89924	5.7347E-05	0.00068238	1.05E-03	7.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.68137	5.7347E-05	0.00072723	1.05E-03	7.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.30641	5.7347E-05	0.00076308	1.05E-03	7.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	13.72131	5.7347E-05	0.00078687	1.05E-03	8.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	0.00079568	1.05E-03	8.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	8.028	5.7347E-05	0.00046038	1.05E-03	4.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	8.82098	5.7347E-05	0.00050585	1.05E-03	5.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	9.69245	5.7347E-05	0.00055583	1.05E-03	5.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	10.65336	5.7347E-05	0.00061093	1.05E-03	6.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	11.70647	5.7347E-05	0.00067133	1.05E-03	7.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	12.82311	5.7347E-05	0.00073536	1.05E-03	7.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.92512	5.7347E-05	0.00079856	1.05E-03	8.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.90045	5.7347E-05	0.00085449	1.05E-03	8.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	15.64425	5.7347E-05	0.00089714	1.05E-03	9.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	16.07642	5.7347E-05	0.00092193	1.05E-03	9.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	16.1279	5.7347E-05	0.00092488	1.05E-03	9.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.01649	5.7347E-05	0.00051706	1.05E-03	5.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	10.00575	5.7347E-05	0.0005738	1.05E-03	6.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	11.10553	5.7347E-05	0.00063686	1.05E-03	6.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	12.32936	5.7347E-05	0.00070705	1.05E-03	7.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	13.68199	5.7347E-05	0.00078462	1.05E-03	8.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	15.12779	5.7347E-05	0.00086753	1.05E-03	9.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	16.55614	5.7347E-05	0.00094944	1.05E-03	9.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.79521	5.7347E-05	0.00102049	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	18.6786	5.7347E-05	0.00107115	1.05E-03	1.12E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	19.08228	5.7347E-05	0.0010943	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	18.91798	5.7347E-05	0.00108488	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	10.19297	5.7347E-05	0.00058453	1.05E-03	6.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	11.44594	5.7347E-05	0.00065639	1.05E-03	6.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	12.86111	5.7347E-05	0.00073754	1.05E-03	7.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	14.45657	5.7347E-05	0.00082903	1.05E-03	8.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	16.23938	5.7347E-05	0.00093127	1.05E-03	9.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	18.16387	5.7347E-05	0.00104164	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	20.06859	5.7347E-05	0.00115086	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	21.67712	5.7347E-05	0.00124311	1.05E-03	1.30E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	22.71139	5.7347E-05	0.00130242	1.05E-03	1.36E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	22.97603	5.7347E-05	0.0013176	1.05E-03	1.38E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	0.00128333	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	11.60143	5.7347E-05	0.0006653	1.05E-03	6.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	13.21419	5.7347E-05	0.00075779	1.05E-03	7.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	15.07458	5.7347E-05	0.00086448	1.05E-03	9.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	17.21187	5.7347E-05	0.00098704	1.05E-03	1.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	19.63706	5.7347E-05	0.00112612	1.05E-03	1.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	22.28829	5.7347E-05	0.00127816	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	24.92063	5.7347E-05	0.00142911	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	27.06234	5.7347E-05	0.00155193	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	28.21876	5.7347E-05	0.00161825	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	28.08481	5.7347E-05	0.00161057	1.05E-03	1.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	26.64016	5.7347E-05	0.00152772	1.05E-03	1.60E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	20.0037	5.7347E-05	0.00114714	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	23.20926	5.7347E-05	0.00133097	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	27.48521	5.7347E-05	0.00157618	1.05E-03	1.65E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	31.09722	5.7347E-05	0.00178332	1.05E-03	1.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	34.8583	5.7347E-05	0.001999	1.05E-03	2.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	35.97263	5.7347E-05	0.00206291	1.05E-03	2.16E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	34.8305	5.7347E-05	0.00199741	1.05E-03	2.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	31.76885	5.7347E-05	0.00182183	1.05E-03	1.90E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	17.30587	5.7347E-05	0.00099243	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	14.73451	5.7347E-05	0.00084497	1.05E-03	8.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	5.73E-05	2.88E-05	6.05E-04	1.75E-08	14	4.71E-02	1.15E-08	1,000,000	1.2E-02
2	0.53356	5.7347E-05	3.06E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
3	0.56804	5.7347E-05	3.26E-05	6.05E-04	1.97E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
4	0.60569	5.7347E-05	3.47E-05	6.05E-04	2.10E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
5	0.64829	5.7347E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
6	0.49954	5.7347E-05	2.86E-05	6.05E-04	1.73E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
7	0.52983	5.7347E-05	3.04E-05	6.05E-04	1.84E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
8	0.56369	5.7347E-05	3.23E-05	6.05E-04	1.96E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
9	0.60235	5.7347E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
10	0.6449	5.7347E-05	3.70E-05	6.05E-04	2.24E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
11	0.49581	5.7347E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
12	0.52617	5.7347E-05	3.02E-05	6.05E-04	1.83E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
13	0.56026	5.7347E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
14	0.5993	5.7347E-05	3.44E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
15	0.64215	5.7347E-05	3.68E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
16	0.49249	5.7347E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
17	0.52321	5.7347E-05	3.00E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
18	0.55734	5.7347E-05	3.20E-05	6.05E-04	1.93E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
19	0.59523	5.7347E-05	3.41E-05	6.05E-04	2.07E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
20	0.63861	5.7347E-05	3.66E-05	6.05E-04	2.22E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
21	0.48982	5.7347E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
22	0.52058	5.7347E-05	2.99E-05	6.05E-04	1.81E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
23	0.55498	5.7347E-05	3.18E-05	6.05E-04	1.93E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
24	0.5933	5.7347E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
25	0.63585	5.7347E-05	3.65E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
113	2.50817	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
114	2.27604	5.7347E-05	1.31E-04	6.05E-04	7.90E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
115	2.07277	5.7347E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
116	1.89456	5.7347E-05	1.09E-04	6.05E-04	6.57E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
117	2.57966	5.7347E-05	1.48E-04	6.05E-04	8.95E-08	14	4.71E-02	5.91E-08	1,000,000	5.91E-02
118	2.33075	5.7347E-05	1.34E-04	6.05E-04	8.09E-08	14	4.71E-02	5.34E-08	1,000,000	5.34E-02
119	2.1151	5.7347E-05	1.21E-04	6.05E-04	7.34E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
121	2.64366	5.7347E-05	1.52E-04	6.05E-04	9.17E-08	14	4.71E-02	6.05E-08	1,000,000	6.05E-02
122	2.37917	5.7347E-05	1.36E-04	6.05E-04	8.26E-08	14	4.71E-02	5.45E-08	1,000,000	5.45E-02
123	2.15213	5.7347E-05	1.23E-04	6.05E-04	7.47E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
124	1.95616	5.7347E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
125	2.6993	5.7347E-05	1.55E-04	6.05E-04	9.37E-08	14	4.71E-02	6.18E-08	1,000,000	6.18E-02
126	2.42085	5.7347E-05	1.39E-04	6.05E-04	8.40E-08	14	4.71E-02	5.54E-08	1,000,000	5.54E-02
127	2.18384	5.7347E-05	1.25E-04	6.05E-04	7.58E-08	14	4.71E-02	5.00E-08	1,000,000	5.00E-02
128	1.9807	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
129	2.74637	5.7347E-05	1.57E-04	6.05E-04	9.53E-08	14	4.71E-02	6.29E-08	1,000,000	6.29E-02
130	2.4561	5.7347E-05	1.41E-04	6.05E-04	8.52E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
131	2.2108	5.7347E-05	1.27E-04	6.05E-04	7.67E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
132	2.00178	5.7347E-05	1.15E-04	6.05E-04	6.95E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
133	2.78553	5.7347E-05	1.60E-04	6.05E-04	9.67E-08	14	4.71E-02	6.38E-08	1,000,000	6.38E-02
134	2.4856	5.7347E-05	1.43E-04	6.05E-04	8.62E-08	14	4.71E-02	5.69E-08	1,000,000	5.69E-02
135	2.23352	5.7347E-05	1.28E-04	6.05E-04	7.75E-08	14	4.71E-02	5.12E-08	1,000,000	5.12E-02
136	2.01959	5.7347E-05	1.16E-04	6.05E-04	7.01E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
137	2.81724	5.7347E-05	1.62E-04	6.05E-04	9.78E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
138	2.25161	5.7347E-05	1.29E-04	6.05E-04	7.81E-08	14	4.71E-02	5.16E-08	1,000,000	5.16E-02
139	2.03345	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
140	2.85608	5.7347E-05	1.64E-04	6.05E-04	9.91E-08	14	4.71E-02	6.54E-08	1,000,000	6.54E-02
141	2.53527	5.7347E-05	1.45E-04	6.05E-04	8.80E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
142	2.26851	5.7347E-05	1.30E-04	6.05E-04	7.87E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
143	2.04406	5.7347E-05	1.17E-04	6.05E-04	7.09E-08	14	4.71E-02	4.68E-08	1,000,000	4.68E-02
144	2.84638	5.7347E-05	1.63E-04	6.05E-04	9.88E-08	14	4.71E-02	6.52E-08	1,000,000	6.52E-02
145	2.52626	5.7347E-05	1.45E-04	6.05E-04	8.77E-08	14	4.71E-02	5.79E-08	1,000,000	5.79E-02
146	2.26026	5.7347E-05	1.30E-04	6.05E-04	7.84E-08	14	4.71E-02	5.18E-08	1,000,000	5.18E-02
147	2.03655	5.7347E-05	1.17E-04	6.05E-04	7.07E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
148	2.82227	5.7347E-05	1.62E-04	6.05E-04	9.79E-08	14	4.71E-02	6.46E-08	1,000,000	6.46E-02
149	2.50601	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
150	2.24307	5.7347E-05	1.29E-04	6.05E-04	7.78E-08	14	4.71E-02	5.14E-08	1,000,000	5.14E-02
151	2.02184	5.7347E-05	1.16E-04	6.05E-04	7.02E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
152	2.7804	5.7347E-05	1.59E-04	6.05E-04	9.65E-08	14	4.71E-02	6.37E-08	1,000,000	6.37E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02
154	2.21477	5.7347E-05	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
155	1.9981	5.7347E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
156	2.71848	5.7347E-05	1.56E-04	6.05E-04	9.43E-08	14	4.71E-02	6.23E-08	1,000,000	6.23E-02
157	2.42222	5.7347E-05	1.39E-04	6.05E-04	8.40E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
158	2.17426	5.7347E-05	1.25E-04	6.05E-04	7.54E-08	14	4.71E-02	4.98E-08	1,000,000	4.98E-02
159	1.96453	5.7347E-05	1.13E-04	6.05E-04	6.82E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
160	2.63444	5.7347E-05	1.51E-04	6.05E-04	9.14E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
161	2.35618	5.7347E-05	1.35E-04	6.05E-04	8.18E-08	14	4.71E-02	5.40E-08	1,000,000	5.40E-02
162	2.12125	5.7347E-05	1.22E-04	6.05E-04	7.36E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
163	1.92083	5.7347E-05	1.10E-04	6.05E-04	6.67E-08	14	4.71E-02	4.40E-08	1,000,000	4.40E-02
164	2.5245	5.7347E-05	1.45E-04	6.05E-04	8.76E-08	14	4.71E-02	5.78E-08	1,000,000	5.78E-02
165	2.27131	5.7347E-05	1.30E-04	6.05E-04	7.88E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
166	2.05243	5.7347E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
167	1.86544	5.7347E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
168	2.38548	5.7347E-05	1.37E-04	6.05E-04	8.28E-08	14	4.71E-02	5.46E-08	1,000,000	5.46E-02
169	2.16428	5.7347E-05	1.24E-04	6.05E-04	7.51E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
170	1.96856	5.7347E-05	1.13E-04	6.05E-04	6.83E-08	14	4.71E-02	4.51E-08	1,000,000	4.51E-02
171	1.79927	5.7347E-05	1.03E-04	6.05E-04	6.24E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
172	2.22043	5.7347E-05	1.27E-04	6.05E-04	7.70E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
173	2.03475	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
174	1.86689	5.7347E-05	1.07E-04	6.05E-04	6.48E-08	14	4.71E-02	4.28E-08	1,000,000	4.28E-02
175	1.71839	5.7347E-05	9.85E-05	6.05E-04	5.96E-08	14	4.71E-02	3.94E-08	1,000,000	3.94E-02
176	2.04116	5.7347E-05	1.17E-04	6.05E-04	7.08E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
177	1.88875	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
178	1.74887	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
179	1.62298	5.7347E-05	9.31E-05	6.05E-04	5.63E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
180	1.8643	5.7347E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
181	1.73727	5.7347E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
182	1.62177	5.7347E-05	9.30E-05	6.05E-04	5.63E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
183	1.51708	5.7347E-05	8.70E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
184	2.61249	5.7347E-05	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
185	2.08684	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
187	1.79464	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
188	1.67542	5.7347E-05	9.61E-05	6.05E-04	5.81E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
189	2.08585	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
190	1.91226	5.7347E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
191	1.76717	5.7347E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
192	1.64457	5.7347E-05	9.43E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
193	1.53773	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
194	1.92943	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
195	1.77008	5.7347E-05	1.02E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
196	1.63433	5.7347E-05	9.37E-05	6.05E-04	5.67E-08	14	4.71E-02	3.74E-08	1,000,000	3.74E-02
197	1.51813	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
198	1.42018	5.7347E-05	8.14E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
199	1.79488	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
200	1.65052	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
201	1.52428	5.7347E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
202	1.41527	5.7347E-05	8.12E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
203	1.32214	5.7347E-05	7.58E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
204	2.34879	5.7347E-05	1.35E-04	6.05E-04	8.15E-08	14	4.71E-02	5.38E-08	1,000,000	5.38E-02
205	1.67468	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
206	1.54583	5.7347E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
207	1.42989	5.7347E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
208	1.32908	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
209	2.14252	5.7347E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
210	1.9774	5.7347E-05	1.13E-04	6.05E-04	6.86E-08	14	4.71E-02	4.53E-08	1,000,000	4.53E-02
211	1.82694	5.7347E-05	1.05E-04	6.05E-04	6.34E-08	14	4.71E-02	4.18E-08	1,000,000	4.18E-02
212	1.69017	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
213	1.56514	5.7347E-05	8.98E-05	6.05E-04	5.43E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
214	1.4505	5.7347E-05	8.32E-05	6.05E-04	5.03E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
215	1.34683	5.7347E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
216	2.07577	5.7347E-05	1.19E-04	6.05E-04	7.20E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
217	1.93387	5.7347E-05	1.11E-04	6.05E-04	6.71E-08	14	4.71E-02	4.43E-08	1,000,000	4.43E-02
218	1.80129	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.64E-05	6.05E-04	5.83E-08	14	4.71E-02	3.85E-08	1,000,000	3.85E-02
220	1.56913	5.7347E-05	9.00E-05	6.05E-04	5.44E-08	14	4.71E-02	3.59E-08	1,000,000	3.59E-02
221	1.46582	5.7347E-05	8.41E-05	6.05E-04	5.09E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
222	1.89783	5.7347E-05	1.09E-04	6.05E-04	6.59E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
223	1.77506	5.7347E-05	1.02E-04	6.05E-04	6.16E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
224	1.66148	5.7347E-05	9.53E-05	6.05E-04	5.77E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
225	1.55709	5.7347E-05	8.93E-05	6.05E-04	5.40E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
226	1.45921	5.7347E-05	8.37E-05	6.05E-04	5.06E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
227	1.74232	5.7347E-05	9.99E-05	6.05E-04	6.05E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
228	1.63578	5.7347E-05	9.38E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
229	1.53761	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
230	1.44524	5.7347E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
231	1.60553	5.7347E-05	9.21E-05	6.05E-04	5.57E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
232	1.51354	5.7347E-05	8.68E-05	6.05E-04	5.25E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
233	1.42738	5.7347E-05	8.19E-05	6.05E-04	4.95E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
234	1.34621	5.7347E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
235	1.48562	5.7347E-05	8.52E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
236	1.40509	5.7347E-05	8.06E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
237	1.32857	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
238	1.25739	5.7347E-05	7.21E-05	6.05E-04	4.36E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
239	1.37949	5.7347E-05	7.91E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
240	1.30825	5.7347E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
241	1.24036	5.7347E-05	7.11E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
242	1.17736	5.7347E-05	6.75E-05	6.05E-04	4.09E-08	14	4.71E-02	2.70E-08	1,000,000	2.70E-02
243	1.83497	5.7347E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
244	1.79229	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
245	1.73706	5.7347E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
246	1.67209	5.7347E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
247	1.60002	5.7347E-05	9.18E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
248	1.52574	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
249	1.45117	5.7347E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
250	1.68945	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
251	1.65007	5.7347E-05	9.46E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.18E-05	6.05E-04	5.55E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
253	1.54276	5.7347E-05	8.85E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
254	1.47919	5.7347E-05	8.48E-05	6.05E-04	5.13E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
255	1.41377	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
256	1.34735	5.7347E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
257	1.56134	5.7347E-05	8.95E-05	6.05E-04	5.42E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
258	1.52503	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
259	1.48023	5.7347E-05	8.49E-05	6.05E-04	5.14E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
260	1.42886	5.7347E-05	8.19E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
261	1.37251	5.7347E-05	7.87E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
262	1.31448	5.7347E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
263	1.25576	5.7347E-05	7.20E-05	6.05E-04	4.36E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
264	1.4482	5.7347E-05	8.30E-05	6.05E-04	5.03E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
265	1.41458	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
266	1.37393	5.7347E-05	7.88E-05	6.05E-04	4.77E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
267	1.32794	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
268	1.27825	5.7347E-05	7.33E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
269	1.2264	5.7347E-05	7.03E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
270	1.174	5.7347E-05	6.73E-05	6.05E-04	4.07E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
271	1.34732	5.7347E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
272	1.31631	5.7347E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
273	1.27942	5.7347E-05	7.34E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
274	1.23803	5.7347E-05	7.10E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
275	1.19351	5.7347E-05	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
276	1.14734	5.7347E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
277	1.10023	5.7347E-05	6.31E-05	6.05E-04	3.82E-08	14	4.71E-02	2.52E-08	1,000,000	2.52E-02
278	1.21807	5.7347E-05	6.99E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
279	1.26759	5.7347E-05	7.27E-05	6.05E-04	4.40E-08	14	4.71E-02	2.90E-08	1,000,000	2.90E-02
280	1.39571	5.7347E-05	8.00E-05	6.05E-04	4.84E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
281	1.37806	5.7347E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
282	1.5042	5.7347E-05	8.63E-05	6.05E-04	5.22E-08	14	4.71E-02	3.44E-08	1,000,000	3.44E-02
283	1.26674	5.7347E-05	7.26E-05	6.05E-04	4.40E-08	14	4.71E-02	2.90E-08	1,000,000	2.90E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	5.8698	5.7347E-05	3.37E-04	6.05E-04	2.04E-07	9	4.71E-02	8.74E-08	1,000,000	8.74E-02
27	6.31264	5.7347E-05	3.62E-04	6.05E-04	2.19E-07	9	4.71E-02	9.40E-08	1,000,000	9.40E-02
28	6.79049	5.7347E-05	3.89E-04	6.05E-04	2.36E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01
29	7.30904	5.7347E-05	4.19E-04	6.05E-04	2.54E-07	9	4.71E-02	1.09E-07	1,000,000	1.09E-01
30	7.86707	5.7347E-05	4.51E-04	6.05E-04	2.73E-07	9	4.71E-02	1.17E-07	1,000,000	1.17E-01
31	8.44863	5.7347E-05	4.84E-04	6.05E-04	2.93E-07	9	4.71E-02	1.26E-07	1,000,000	1.26E-01
32	9.02198	5.7347E-05	5.17E-04	6.05E-04	3.13E-07	9	4.71E-02	1.34E-07	1,000,000	1.34E-01
33	9.54868	5.7347E-05	5.48E-04	6.05E-04	3.31E-07	9	4.71E-02	1.42E-07	1,000,000	1.42E-01
34	9.9955	5.7347E-05	5.73E-04	6.05E-04	3.47E-07	9	4.71E-02	1.49E-07	1,000,000	1.49E-01
35	10.33724	5.7347E-05	5.93E-04	6.05E-04	3.59E-07	9	4.71E-02	1.54E-07	1,000,000	1.54E-01
36	10.5465	5.7347E-05	6.05E-04	6.05E-04	3.66E-07	9	4.71E-02	1.57E-07	1,000,000	1.57E-01
37	6.48006	5.7347E-05	3.72E-04	6.05E-04	2.25E-07	9	4.71E-02	9.65E-08	1,000,000	9.65E-02
38	7.01117	5.7347E-05	4.02E-04	6.05E-04	2.43E-07	9	4.71E-02	1.04E-07	1,000,000	1.04E-01
39	7.58667	5.7347E-05	4.35E-04	6.05E-04	2.63E-07	9	4.71E-02	1.13E-07	1,000,000	1.13E-01
40	8.2138	5.7347E-05	4.71E-04	6.05E-04	2.85E-07	9	4.71E-02	1.22E-07	1,000,000	1.22E-01
41	8.89226	5.7347E-05	5.10E-04	6.05E-04	3.09E-07	9	4.71E-02	1.32E-07	1,000,000	1.32E-01
42	9.60279	5.7347E-05	5.51E-04	6.05E-04	3.33E-07	9	4.71E-02	1.43E-07	1,000,000	1.43E-01
43	10.30338	5.7347E-05	5.91E-04	6.05E-04	3.58E-07	9	4.71E-02	1.53E-07	1,000,000	1.53E-01
44	10.94073	5.7347E-05	6.27E-04	6.05E-04	3.80E-07	9	4.71E-02	1.63E-07	1,000,000	1.63E-01
45	11.46773	5.7347E-05	6.58E-04	6.05E-04	3.98E-07	9	4.71E-02	1.71E-07	1,000,000	1.71E-01
46	11.84826	5.7347E-05	6.79E-04	6.05E-04	4.11E-07	9	4.71E-02	1.76E-07	1,000,000	1.76E-01
47	12.04504	5.7347E-05	6.91E-04	6.05E-04	4.18E-07	9	4.71E-02	1.79E-07	1,000,000	1.79E-01
48	7.19196	5.7347E-05	4.12E-04	6.05E-04	2.50E-07	9	4.71E-02	1.07E-07	1,000,000	1.07E-01
49	7.83668	5.7347E-05	4.49E-04	6.05E-04	2.72E-07	9	4.71E-02	1.17E-07	1,000,000	1.17E-01
50	8.53939	5.7347E-05	4.90E-04	6.05E-04	2.96E-07	9	4.71E-02	1.27E-07	1,000,000	1.27E-01
51	9.30907	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01
52	10.14676	5.7347E-05	5.82E-04	6.05E-04	3.52E-07	9	4.71E-02	1.51E-07	1,000,000	1.51E-01
53	11.02904	5.7347E-05	6.32E-04	6.05E-04	3.83E-07	9	4.71E-02	1.64E-07	1,000,000	1.64E-01
54	11.89924	5.7347E-05	6.82E-04	6.05E-04	4.13E-07	9	4.71E-02	1.77E-07	1,000,000	1.77E-01
55	12.68137	5.7347E-05	7.27E-04	6.05E-04	4.40E-07	9	4.71E-02	1.89E-07	1,000,000	1.89E-01
56	13.30641	5.7347E-05	7.63E-04	6.05E-04	4.62E-07	9	4.71E-02	1.98E-07	1,000,000	1.98E-01
57	13.72131	5.7347E-05	7.87E-04	6.05E-04	4.76E-07	9	4.71E-02	2.04E-07	1,000,000	2.04E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	7.96E-04	6.05E-04	4.81E-07	9	4.71E-02	2.07E-07	1,000,000	2.07E-01
59	8.028	5.7347E-05	4.60E-04	6.05E-04	2.79E-07	9	4.71E-02	1.20E-07	1,000,000	1.20E-01
60	8.82098	5.7347E-05	5.06E-04	6.05E-04	3.06E-07	9	4.71E-02	1.31E-07	1,000,000	1.31E-01
61	9.69245	5.7347E-05	5.56E-04	6.05E-04	3.36E-07	9	4.71E-02	1.44E-07	1,000,000	1.44E-01
62	10.65336	5.7347E-05	6.11E-04	6.05E-04	3.70E-07	9	4.71E-02	1.59E-07	1,000,000	1.59E-01
63	11.70647	5.7347E-05	6.71E-04	6.05E-04	4.06E-07	9	4.71E-02	1.74E-07	1,000,000	1.74E-01
64	12.82311	5.7347E-05	7.35E-04	6.05E-04	4.45E-07	9	4.71E-02	1.91E-07	1,000,000	1.91E-01
65	13.92512	5.7347E-05	7.99E-04	6.05E-04	4.83E-07	9	4.71E-02	2.07E-07	1,000,000	2.07E-01
66	14.90045	5.7347E-05	8.54E-04	6.05E-04	5.17E-07	9	4.71E-02	2.22E-07	1,000,000	2.22E-01
67	15.64425	5.7347E-05	8.97E-04	6.05E-04	5.43E-07	9	4.71E-02	2.33E-07	1,000,000	2.33E-01
68	16.07642	5.7347E-05	9.22E-04	6.05E-04	5.58E-07	9	4.71E-02	2.39E-07	1,000,000	2.39E-01
69	16.1279	5.7347E-05	9.25E-04	6.05E-04	5.60E-07	9	4.71E-02	2.40E-07	1,000,000	2.40E-01
70	9.01649	5.7347E-05	5.17E-04	6.05E-04	3.13E-07	9	4.71E-02	1.34E-07	1,000,000	1.34E-01
71	10.00575	5.7347E-05	5.74E-04	6.05E-04	3.47E-07	9	4.71E-02	1.49E-07	1,000,000	1.49E-01
72	11.10553	5.7347E-05	6.37E-04	6.05E-04	3.85E-07	9	4.71E-02	1.65E-07	1,000,000	1.65E-01
73	12.32936	5.7347E-05	7.07E-04	6.05E-04	4.28E-07	9	4.71E-02	1.84E-07	1,000,000	1.84E-01
74	13.68199	5.7347E-05	7.85E-04	6.05E-04	4.75E-07	9	4.71E-02	2.04E-07	1,000,000	2.04E-01
75	15.12779	5.7347E-05	8.68E-04	6.05E-04	5.25E-07	9	4.71E-02	2.25E-07	1,000,000	2.25E-01
76	16.55614	5.7347E-05	9.49E-04	6.05E-04	5.74E-07	9	4.71E-02	2.46E-07	1,000,000	2.46E-01
77	17.79521	5.7347E-05	1.02E-03	6.05E-04	6.17E-07	9	4.71E-02	2.65E-07	1,000,000	2.65E-01
78	18.6786	5.7347E-05	1.07E-03	6.05E-04	6.48E-07	9	4.71E-02	2.78E-07	1,000,000	2.78E-01
79	19.08228	5.7347E-05	1.09E-03	6.05E-04	6.62E-07	9	4.71E-02	2.84E-07	1,000,000	2.84E-01
80	18.91798	5.7347E-05	1.08E-03	6.05E-04	6.56E-07	9	4.71E-02	2.82E-07	1,000,000	2.82E-01
81	10.19297	5.7347E-05	5.85E-04	6.05E-04	3.54E-07	9	4.71E-02	1.52E-07	1,000,000	1.52E-01
82	11.44594	5.7347E-05	6.56E-04	6.05E-04	3.97E-07	9	4.71E-02	1.70E-07	1,000,000	1.70E-01
83	12.86111	5.7347E-05	7.38E-04	6.05E-04	4.46E-07	9	4.71E-02	1.91E-07	1,000,000	1.91E-01
84	14.45657	5.7347E-05	8.29E-04	6.05E-04	5.02E-07	9	4.71E-02	2.15E-07	1,000,000	2.15E-01
85	16.23938	5.7347E-05	9.31E-04	6.05E-04	5.63E-07	9	4.71E-02	2.42E-07	1,000,000	2.42E-01
86	18.16387	5.7347E-05	1.04E-03	6.05E-04	6.30E-07	9	4.71E-02	2.70E-07	1,000,000	2.70E-01
87	20.06859	5.7347E-05	1.15E-03	6.05E-04	6.96E-07	9	4.71E-02	2.99E-07	1,000,000	2.99E-01
88	21.67712	5.7347E-05	1.24E-03	6.05E-04	7.52E-07	9	4.71E-02	3.23E-07	1,000,000	3.23E-01
89	22.71139	5.7347E-05	1.30E-03	6.05E-04	7.88E-07	9	4.71E-02	3.38E-07	1,000,000	3.38E-01
90	22.97603	5.7347E-05	1.32E-03	6.05E-04	7.97E-07	9	4.71E-02	3.42E-07	1,000,000	3.42E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	1.28E-03	6.05E-04	7.77E-07	9	4.71E-02	3.33E-07	1,000,000	3.33E-01
92	11.60143	5.7347E-05	6.65E-04	6.05E-04	4.03E-07	9	4.71E-02	1.73E-07	1,000,000	1.73E-01
93	13.21419	5.7347E-05	7.58E-04	6.05E-04	4.59E-07	9	4.71E-02	1.97E-07	1,000,000	1.97E-01
94	15.07458	5.7347E-05	8.64E-04	6.05E-04	5.23E-07	9	4.71E-02	2.24E-07	1,000,000	2.24E-01
95	17.21187	5.7347E-05	9.87E-04	6.05E-04	5.97E-07	9	4.71E-02	2.56E-07	1,000,000	2.56E-01
96	19.63706	5.7347E-05	1.13E-03	6.05E-04	6.81E-07	9	4.71E-02	2.92E-07	1,000,000	2.92E-01
97	22.28829	5.7347E-05	1.28E-03	6.05E-04	7.73E-07	9	4.71E-02	3.32E-07	1,000,000	3.32E-01
98	24.92063	5.7347E-05	1.43E-03	6.05E-04	8.65E-07	9	4.71E-02	3.71E-07	1,000,000	3.71E-01
99	27.06234	5.7347E-05	1.55E-03	6.05E-04	9.39E-07	9	4.71E-02	4.03E-07	1,000,000	4.03E-01
100	28.21876	5.7347E-05	1.62E-03	6.05E-04	9.79E-07	9	4.71E-02	4.20E-07	1,000,000	4.20E-01
101	28.08481	5.7347E-05	1.61E-03	6.05E-04	9.75E-07	9	4.71E-02	4.18E-07	1,000,000	4.18E-01
102	26.64016	5.7347E-05	1.53E-03	6.05E-04	9.24E-07	9	4.71E-02	3.97E-07	1,000,000	3.97E-01
103	20.0037	5.7347E-05	1.15E-03	6.05E-04	6.94E-07	9	4.71E-02	2.98E-07	1,000,000	2.98E-01
104	23.20926	5.7347E-05	1.33E-03	6.05E-04	8.05E-07	9	4.71E-02	3.45E-07	1,000,000	3.45E-01
105	27.48521	5.7347E-05	1.58E-03	6.05E-04	9.54E-07	9	4.71E-02	4.09E-07	1,000,000	4.09E-01
106	31.09722	5.7347E-05	1.78E-03	6.05E-04	1.08E-06	9	4.71E-02	4.63E-07	1,000,000	4.63E-01
107	34.8583	5.7347E-05	2.00E-03	6.05E-04	1.21E-06	9	4.71E-02	5.19E-07	1,000,000	5.19E-01
108	35.97263	5.7347E-05	2.06E-03	6.05E-04	1.25E-06	9	4.71E-02	5.35E-07	1,000,000	5.35E-01
109	34.8305	5.7347E-05	2.00E-03	6.05E-04	1.21E-06	9	4.71E-02	5.18E-07	1,000,000	5.18E-01
110	31.76885	5.7347E-05	1.82E-03	6.05E-04	1.10E-06	9	4.71E-02	4.73E-07	1,000,000	4.73E-01
111	17.30587	5.7347E-05	9.92E-04	6.05E-04	6.00E-07	9	4.71E-02	2.58E-07	1,000,000	2.58E-01
112	14.73451	5.7347E-05	8.45E-04	6.05E-04	5.11E-07	9	4.71E-02	2.19E-07	1,000,000	2.19E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	5.73E-05	2.88E-05	2.50E-04	7.22E-09	14	1.15E-02	1.16E-09	1000000.0	1.2E-03
2	0.53356	5.7347E-05	3.06E-05	2.50E-04	7.66E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
3	0.56804	5.7347E-05	3.26E-05	2.50E-04	8.15E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
4	0.60569	5.7347E-05	3.47E-05	2.50E-04	8.69E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
5	0.64829	5.7347E-05	3.72E-05	2.50E-04	9.30E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
6	0.49954	5.7347E-05	2.86E-05	2.50E-04	7.17E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
7	0.52983	5.7347E-05	3.04E-05	2.50E-04	7.60E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
8	0.56369	5.7347E-05	3.23E-05	2.50E-04	8.09E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
9	0.60235	5.7347E-05	3.45E-05	2.50E-04	8.65E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
10	0.6449	5.7347E-05	3.70E-05	2.50E-04	9.26E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
11	0.49581	5.7347E-05	2.84E-05	2.50E-04	7.12E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
12	0.52617	5.7347E-05	3.02E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
13	0.56026	5.7347E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
14	0.5993	5.7347E-05	3.44E-05	2.50E-04	8.60E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
15	0.64215	5.7347E-05	3.68E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
16	0.49249	5.7347E-05	2.82E-05	2.50E-04	7.07E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
17	0.52321	5.7347E-05	3.00E-05	2.50E-04	7.51E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
18	0.55734	5.7347E-05	3.20E-05	2.50E-04	8.00E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
19	0.59523	5.7347E-05	3.41E-05	2.50E-04	8.54E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
20	0.63861	5.7347E-05	3.66E-05	2.50E-04	9.17E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
21	0.48982	5.7347E-05	2.81E-05	2.50E-04	7.03E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
22	0.52058	5.7347E-05	2.99E-05	2.50E-04	7.47E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
23	0.55498	5.7347E-05	3.18E-05	2.50E-04	7.97E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
24	0.5933	5.7347E-05	3.40E-05	2.50E-04	8.52E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
25	0.63585	5.7347E-05	3.65E-05	2.50E-04	9.13E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
113	2.50817	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
114	2.27604	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
115	2.07277	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
116	1.89456	5.7347E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
117	2.57966	5.7347E-05	1.48E-04	2.50E-04	3.70E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
118	2.33075	5.7347E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
119	2.1151	5.7347E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
121	2.64366	5.7347E-05	1.52E-04	2.50E-04	3.79E-08	14	1.15E-02	6.09E-09	1,000,000	6.09E-03
122	2.37917	5.7347E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.48E-09	1,000,000	5.48E-03
123	2.15213	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
124	1.95616	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
125	2.6993	5.7347E-05	1.55E-04	2.50E-04	3.87E-08	14	1.15E-02	6.22E-09	1,000,000	6.22E-03
126	2.42085	5.7347E-05	1.39E-04	2.50E-04	3.47E-08	14	1.15E-02	5.58E-09	1,000,000	5.58E-03
127	2.18384	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.03E-09	1,000,000	5.03E-03
128	1.9807	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
129	2.74637	5.7347E-05	1.57E-04	2.50E-04	3.94E-08	14	1.15E-02	6.33E-09	1,000,000	6.33E-03
130	2.4561	5.7347E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.66E-09	1,000,000	5.66E-03
131	2.2108	5.7347E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
132	2.00178	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
133	2.78553	5.7347E-05	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.42E-09	1,000,000	6.42E-03
134	2.4856	5.7347E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
135	2.23352	5.7347E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
136	2.01959	5.7347E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
137	2.81724	5.7347E-05	1.62E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
138	2.25161	5.7347E-05	1.29E-04	2.50E-04	3.23E-08	14	1.15E-02	5.19E-09	1,000,000	5.19E-03
139	2.03345	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
140	2.85608	5.7347E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
141	2.53527	5.7347E-05	1.45E-04	2.50E-04	3.64E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
142	2.26851	5.7347E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.23E-09	1,000,000	5.23E-03
143	2.04406	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.71E-09	1,000,000	4.71E-03
144	2.84638	5.7347E-05	1.63E-04	2.50E-04	4.09E-08	14	1.15E-02	6.56E-09	1,000,000	6.56E-03
145	2.52626	5.7347E-05	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
146	2.26026	5.7347E-05	1.30E-04	2.50E-04	3.24E-08	14	1.15E-02	5.21E-09	1,000,000	5.21E-03
147	2.03655	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
148	2.82227	5.7347E-05	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.51E-09	1,000,000	6.51E-03
149	2.50601	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
150	2.24307	5.7347E-05	1.29E-04	2.50E-04	3.22E-08	14	1.15E-02	5.17E-09	1,000,000	5.17E-03
151	2.02184	5.7347E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
152	2.7804	5.7347E-05	1.59E-04	2.50E-04	3.99E-08	14	1.15E-02	6.41E-09	1,000,000	6.41E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
154	2.21477	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
155	1.9981	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
156	2.71848	5.7347E-05	1.56E-04	2.50E-04	3.90E-08	14	1.15E-02	6.27E-09	1,000,000	6.27E-03
157	2.42222	5.7347E-05	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.58E-09	1,000,000	5.58E-03
158	2.17426	5.7347E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.01E-09	1,000,000	5.01E-03
159	1.96453	5.7347E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.53E-09	1,000,000	4.53E-03
160	2.63444	5.7347E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
161	2.35618	5.7347E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
162	2.12125	5.7347E-05	1.22E-04	2.50E-04	3.04E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
163	1.92083	5.7347E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.43E-09	1,000,000	4.43E-03
164	2.5245	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
165	2.27131	5.7347E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
166	2.05243	5.7347E-05	1.18E-04	2.50E-04	2.95E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
167	1.86544	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
168	2.38548	5.7347E-05	1.37E-04	2.50E-04	3.42E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
169	2.16428	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	4.99E-09	1,000,000	4.99E-03
170	1.96856	5.7347E-05	1.13E-04	2.50E-04	2.83E-08	14	1.15E-02	4.54E-09	1,000,000	4.54E-03
171	1.79927	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
172	2.22043	5.7347E-05	1.27E-04	2.50E-04	3.19E-08	14	1.15E-02	5.12E-09	1,000,000	5.12E-03
173	2.03475	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
174	1.86689	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
175	1.71839	5.7347E-05	9.85E-05	2.50E-04	2.47E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
176	2.04116	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
177	1.88875	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
178	1.74887	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
179	1.62298	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
180	1.8643	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
181	1.73727	5.7347E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
182	1.62177	5.7347E-05	9.30E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
183	1.51708	5.7347E-05	8.70E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
184	2.61249	5.7347E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
185	2.08684	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03
187	1.79464	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
188	1.67542	5.7347E-05	9.61E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
189	2.08585	5.7347E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
190	1.91226	5.7347E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03
191	1.76717	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
192	1.64457	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
193	1.53773	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
194	1.92943	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03
195	1.77008	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
196	1.63433	5.7347E-05	9.37E-05	2.50E-04	2.35E-08	14	1.15E-02	3.77E-09	1,000,000	3.77E-03
197	1.51813	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
198	1.42018	5.7347E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
199	1.79488	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
200	1.65052	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
201	1.52428	5.7347E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
202	1.41527	5.7347E-05	8.12E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
203	1.32214	5.7347E-05	7.58E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
204	2.34879	5.7347E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.41E-09	1,000,000	5.41E-03
205	1.67468	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
206	1.54583	5.7347E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
207	1.42989	5.7347E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
208	1.32908	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
209	2.14252	5.7347E-05	1.23E-04	2.50E-04	3.08E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
210	1.9774	5.7347E-05	1.13E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
211	1.82694	5.7347E-05	1.05E-04	2.50E-04	2.62E-08	14	1.15E-02	4.21E-09	1,000,000	4.21E-03
212	1.69017	5.7347E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.90E-09	1,000,000	3.90E-03
213	1.56514	5.7347E-05	8.98E-05	2.50E-04	2.25E-08	14	1.15E-02	3.61E-09	1,000,000	3.61E-03
214	1.4505	5.7347E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
215	1.34683	5.7347E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
216	2.07577	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
217	1.93387	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
218	1.80129	5.7347E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.64E-05	2.50E-04	2.41E-08	14	1.15E-02	3.87E-09	1,000,000	3.87E-03
220	1.56913	5.7347E-05	9.00E-05	2.50E-04	2.25E-08	14	1.15E-02	3.62E-09	1,000,000	3.62E-03
221	1.46582	5.7347E-05	8.41E-05	2.50E-04	2.10E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
222	1.89783	5.7347E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
223	1.77506	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
224	1.66148	5.7347E-05	9.53E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
225	1.55709	5.7347E-05	8.93E-05	2.50E-04	2.23E-08	14	1.15E-02	3.59E-09	1,000,000	3.59E-03
226	1.45921	5.7347E-05	8.37E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
227	1.74232	5.7347E-05	9.99E-05	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
228	1.63578	5.7347E-05	9.38E-05	2.50E-04	2.35E-08	14	1.15E-02	3.77E-09	1,000,000	3.77E-03
229	1.53761	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
230	1.44524	5.7347E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
231	1.60553	5.7347E-05	9.21E-05	2.50E-04	2.30E-08	14	1.15E-02	3.70E-09	1,000,000	3.70E-03
232	1.51354	5.7347E-05	8.68E-05	2.50E-04	2.17E-08	14	1.15E-02	3.49E-09	1,000,000	3.49E-03
233	1.42738	5.7347E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
234	1.34621	5.7347E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
235	1.48562	5.7347E-05	8.52E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
236	1.40509	5.7347E-05	8.06E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
237	1.32857	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
238	1.25739	5.7347E-05	7.21E-05	2.50E-04	1.80E-08	14	1.15E-02	2.90E-09	1,000,000	2.90E-03
239	1.37949	5.7347E-05	7.91E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
240	1.30825	5.7347E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
241	1.24036	5.7347E-05	7.11E-05	2.50E-04	1.78E-08	14	1.15E-02	2.86E-09	1,000,000	2.86E-03
242	1.17736	5.7347E-05	6.75E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
243	1.83497	5.7347E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
244	1.79229	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
245	1.73706	5.7347E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
246	1.67209	5.7347E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
247	1.60002	5.7347E-05	9.18E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
248	1.52574	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
249	1.45117	5.7347E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
250	1.68945	5.7347E-05	9.69E-05	2.50E-04	2.42E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
251	1.65007	5.7347E-05	9.46E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.18E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
253	1.54276	5.7347E-05	8.85E-05	2.50E-04	2.21E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
254	1.47919	5.7347E-05	8.48E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
255	1.41377	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
256	1.34735	5.7347E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
257	1.56134	5.7347E-05	8.95E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
258	1.52503	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
259	1.48023	5.7347E-05	8.49E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
260	1.42886	5.7347E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
261	1.37251	5.7347E-05	7.87E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
262	1.31448	5.7347E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
263	1.25576	5.7347E-05	7.20E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
264	1.4482	5.7347E-05	8.30E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
265	1.41458	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
266	1.37393	5.7347E-05	7.88E-05	2.50E-04	1.97E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
267	1.32794	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
268	1.27825	5.7347E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
269	1.2264	5.7347E-05	7.03E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
270	1.174	5.7347E-05	6.73E-05	2.50E-04	1.68E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
271	1.34732	5.7347E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
272	1.31631	5.7347E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
273	1.27942	5.7347E-05	7.34E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
274	1.23803	5.7347E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
275	1.19351	5.7347E-05	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
276	1.14734	5.7347E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
277	1.10023	5.7347E-05	6.31E-05	2.50E-04	1.58E-08	14	1.15E-02	2.54E-09	1,000,000	2.54E-03
278	1.21807	5.7347E-05	6.99E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
279	1.26759	5.7347E-05	7.27E-05	2.50E-04	1.82E-08	14	1.15E-02	2.92E-09	1,000,000	2.92E-03
280	1.39571	5.7347E-05	8.00E-05	2.50E-04	2.00E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
281	1.37806	5.7347E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
282	1.5042	5.7347E-05	8.63E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
283	1.26674	5.7347E-05	7.26E-05	2.50E-04	1.82E-08	14	1.15E-02	2.92E-09	1,000,000	2.92E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Receptors				
26	5.8698	5.7347E-05	3.37E-04	2.50E-04	8.42E-08	29	1.15E-02	2.84E-08	1,000,000	2.84E-02
27	6.31264	5.7347E-05	3.62E-04	2.50E-04	9.06E-08	29	1.15E-02	3.05E-08	1,000,000	3.05E-02
28	6.79049	5.7347E-05	3.89E-04	2.50E-04	9.75E-08	29	1.15E-02	3.28E-08	1,000,000	3.28E-02
29	7.30904	5.7347E-05	4.19E-04	2.50E-04	1.05E-07	29	1.15E-02	3.53E-08	1,000,000	3.53E-02
30	7.86707	5.7347E-05	4.51E-04	2.50E-04	1.13E-07	29	1.15E-02	3.80E-08	1,000,000	3.80E-02
31	8.44863	5.7347E-05	4.84E-04	2.50E-04	1.21E-07	29	1.15E-02	4.08E-08	1,000,000	4.08E-02
32	9.02198	5.7347E-05	5.17E-04	2.50E-04	1.29E-07	29	1.15E-02	4.36E-08	1,000,000	4.36E-02
33	9.54868	5.7347E-05	5.48E-04	2.50E-04	1.37E-07	29	1.15E-02	4.61E-08	1,000,000	4.61E-02
34	9.9955	5.7347E-05	5.73E-04	2.50E-04	1.43E-07	29	1.15E-02	4.83E-08	1,000,000	4.83E-02
35	10.33724	5.7347E-05	5.93E-04	2.50E-04	1.48E-07	29	1.15E-02	5.00E-08	1,000,000	5.00E-02
36	10.5465	5.7347E-05	6.05E-04	2.50E-04	1.51E-07	29	1.15E-02	5.10E-08	1,000,000	5.10E-02
37	6.48006	5.7347E-05	3.72E-04	2.50E-04	9.30E-08	29	1.15E-02	3.13E-08	1,000,000	3.13E-02
38	7.01117	5.7347E-05	4.02E-04	2.50E-04	1.01E-07	29	1.15E-02	3.39E-08	1,000,000	3.39E-02
39	7.58667	5.7347E-05	4.35E-04	2.50E-04	1.09E-07	29	1.15E-02	3.67E-08	1,000,000	3.67E-02
40	8.2138	5.7347E-05	4.71E-04	2.50E-04	1.18E-07	29	1.15E-02	3.97E-08	1,000,000	3.97E-02
41	8.89226	5.7347E-05	5.10E-04	2.50E-04	1.28E-07	29	1.15E-02	4.30E-08	1,000,000	4.30E-02
42	9.60279	5.7347E-05	5.51E-04	2.50E-04	1.38E-07	29	1.15E-02	4.64E-08	1,000,000	4.64E-02
43	10.30338	5.7347E-05	5.91E-04	2.50E-04	1.48E-07	29	1.15E-02	4.98E-08	1,000,000	4.98E-02
44	10.94073	5.7347E-05	6.27E-04	2.50E-04	1.57E-07	29	1.15E-02	5.29E-08	1,000,000	5.29E-02
45	11.46773	5.7347E-05	6.58E-04	2.50E-04	1.65E-07	29	1.15E-02	5.54E-08	1,000,000	5.54E-02
46	11.84826	5.7347E-05	6.79E-04	2.50E-04	1.70E-07	29	1.15E-02	5.73E-08	1,000,000	5.73E-02
47	12.04504	5.7347E-05	6.91E-04	2.50E-04	1.73E-07	29	1.15E-02	5.82E-08	1,000,000	5.82E-02
48	7.19196	5.7347E-05	4.12E-04	2.50E-04	1.03E-07	29	1.15E-02	3.48E-08	1,000,000	3.48E-02
49	7.83668	5.7347E-05	4.49E-04	2.50E-04	1.12E-07	29	1.15E-02	3.79E-08	1,000,000	3.79E-02
50	8.53939	5.7347E-05	4.90E-04	2.50E-04	1.23E-07	29	1.15E-02	4.13E-08	1,000,000	4.13E-02
51	9.30907	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	29	1.15E-02	4.50E-08	1,000,000	4.50E-02
52	10.14676	5.7347E-05	5.82E-04	2.50E-04	1.46E-07	29	1.15E-02	4.90E-08	1,000,000	4.90E-02
53	11.02904	5.7347E-05	6.32E-04	2.50E-04	1.58E-07	29	1.15E-02	5.33E-08	1,000,000	5.33E-02
54	11.89924	5.7347E-05	6.82E-04	2.50E-04	1.71E-07	29	1.15E-02	5.75E-08	1,000,000	5.75E-02
55	12.68137	5.7347E-05	7.27E-04	2.50E-04	1.82E-07	29	1.15E-02	6.13E-08	1,000,000	6.13E-02
56	13.30641	5.7347E-05	7.63E-04	2.50E-04	1.91E-07	29	1.15E-02	6.43E-08	1,000,000	6.43E-02
57	13.72131	5.7347E-05	7.87E-04	2.50E-04	1.97E-07	29	1.15E-02	6.63E-08	1,000,000	6.63E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	7.96E-04	2.50E-04	1.99E-07	29	1.15E-02	6.70E-08	1,000,000	6.70E-02
59	8.028	5.7347E-05	4.60E-04	2.50E-04	1.15E-07	29	1.15E-02	3.88E-08	1,000,000	3.88E-02
60	8.82098	5.7347E-05	5.06E-04	2.50E-04	1.27E-07	29	1.15E-02	4.26E-08	1,000,000	4.26E-02
61	9.69245	5.7347E-05	5.56E-04	2.50E-04	1.39E-07	29	1.15E-02	4.68E-08	1,000,000	4.68E-02
62	10.65336	5.7347E-05	6.11E-04	2.50E-04	1.53E-07	29	1.15E-02	5.15E-08	1,000,000	5.15E-02
63	11.70647	5.7347E-05	6.71E-04	2.50E-04	1.68E-07	29	1.15E-02	5.66E-08	1,000,000	5.66E-02
64	12.82311	5.7347E-05	7.35E-04	2.50E-04	1.84E-07	29	1.15E-02	6.20E-08	1,000,000	6.20E-02
65	13.92512	5.7347E-05	7.99E-04	2.50E-04	2.00E-07	29	1.15E-02	6.73E-08	1,000,000	6.73E-02
66	14.90045	5.7347E-05	8.54E-04	2.50E-04	2.14E-07	29	1.15E-02	7.20E-08	1,000,000	7.20E-02
67	15.64425	5.7347E-05	8.97E-04	2.50E-04	2.25E-07	29	1.15E-02	7.56E-08	1,000,000	7.56E-02
68	16.07642	5.7347E-05	9.22E-04	2.50E-04	2.31E-07	29	1.15E-02	7.77E-08	1,000,000	7.77E-02
69	16.1279	5.7347E-05	9.25E-04	2.50E-04	2.31E-07	29	1.15E-02	7.79E-08	1,000,000	7.79E-02
70	9.01649	5.7347E-05	5.17E-04	2.50E-04	1.29E-07	29	1.15E-02	4.36E-08	1,000,000	4.36E-02
71	10.00575	5.7347E-05	5.74E-04	2.50E-04	1.44E-07	29	1.15E-02	4.84E-08	1,000,000	4.84E-02
72	11.10553	5.7347E-05	6.37E-04	2.50E-04	1.59E-07	29	1.15E-02	5.37E-08	1,000,000	5.37E-02
73	12.32936	5.7347E-05	7.07E-04	2.50E-04	1.77E-07	29	1.15E-02	5.96E-08	1,000,000	5.96E-02
74	13.68199	5.7347E-05	7.85E-04	2.50E-04	1.96E-07	29	1.15E-02	6.61E-08	1,000,000	6.61E-02
75	15.12779	5.7347E-05	8.68E-04	2.50E-04	2.17E-07	29	1.15E-02	7.31E-08	1,000,000	7.31E-02
76	16.55614	5.7347E-05	9.49E-04	2.50E-04	2.38E-07	29	1.15E-02	8.00E-08	1,000,000	8.00E-02
77	17.79521	5.7347E-05	1.02E-03	2.50E-04	2.55E-07	29	1.15E-02	8.60E-08	1,000,000	8.60E-02
78	18.6786	5.7347E-05	1.07E-03	2.50E-04	2.68E-07	29	1.15E-02	9.03E-08	1,000,000	9.03E-02
79	19.08228	5.7347E-05	1.09E-03	2.50E-04	2.74E-07	29	1.15E-02	9.22E-08	1,000,000	9.22E-02
80	18.91798	5.7347E-05	1.08E-03	2.50E-04	2.72E-07	29	1.15E-02	9.14E-08	1,000,000	9.14E-02
81	10.19297	5.7347E-05	5.85E-04	2.50E-04	1.46E-07	29	1.15E-02	4.93E-08	1,000,000	4.93E-02
82	11.44594	5.7347E-05	6.56E-04	2.50E-04	1.64E-07	29	1.15E-02	5.53E-08	1,000,000	5.53E-02
83	12.86111	5.7347E-05	7.38E-04	2.50E-04	1.85E-07	29	1.15E-02	6.21E-08	1,000,000	6.21E-02
84	14.45657	5.7347E-05	8.29E-04	2.50E-04	2.07E-07	29	1.15E-02	6.99E-08	1,000,000	6.99E-02
85	16.23938	5.7347E-05	9.31E-04	2.50E-04	2.33E-07	29	1.15E-02	7.85E-08	1,000,000	7.85E-02
86	18.16387	5.7347E-05	1.04E-03	2.50E-04	2.61E-07	29	1.15E-02	8.78E-08	1,000,000	8.78E-02
87	20.06859	5.7347E-05	1.15E-03	2.50E-04	2.88E-07	29	1.15E-02	9.70E-08	1,000,000	9.70E-02
88	21.67712	5.7347E-05	1.24E-03	2.50E-04	3.11E-07	29	1.15E-02	1.05E-07	1,000,000	1.05E-01
89	22.71139	5.7347E-05	1.30E-03	2.50E-04	3.26E-07	29	1.15E-02	1.10E-07	1,000,000	1.10E-01
90	22.97603	5.7347E-05	1.32E-03	2.50E-04	3.30E-07	29	1.15E-02	1.11E-07	1,000,000	1.11E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	1.28E-03	2.50E-04	3.21E-07	29	1.15E-02	1.08E-07	1,000,000	1.08E-01
92	11.60143	5.7347E-05	6.65E-04	2.50E-04	1.67E-07	29	1.15E-02	5.61E-08	1,000,000	5.61E-02
93	13.21419	5.7347E-05	7.58E-04	2.50E-04	1.90E-07	29	1.15E-02	6.39E-08	1,000,000	6.39E-02
94	15.07458	5.7347E-05	8.64E-04	2.50E-04	2.16E-07	29	1.15E-02	7.28E-08	1,000,000	7.28E-02
95	17.21187	5.7347E-05	9.87E-04	2.50E-04	2.47E-07	29	1.15E-02	8.32E-08	1,000,000	8.32E-02
96	19.63706	5.7347E-05	1.13E-03	2.50E-04	2.82E-07	29	1.15E-02	9.49E-08	1,000,000	9.49E-02
97	22.28829	5.7347E-05	1.28E-03	2.50E-04	3.20E-07	29	1.15E-02	1.08E-07	1,000,000	1.08E-01
98	24.92063	5.7347E-05	1.43E-03	2.50E-04	3.58E-07	29	1.15E-02	1.20E-07	1,000,000	1.20E-01
99	27.06234	5.7347E-05	1.55E-03	2.50E-04	3.88E-07	29	1.15E-02	1.31E-07	1,000,000	1.31E-01
100	28.21876	5.7347E-05	1.62E-03	2.50E-04	4.05E-07	29	1.15E-02	1.36E-07	1,000,000	1.36E-01
101	28.08481	5.7347E-05	1.61E-03	2.50E-04	4.03E-07	29	1.15E-02	1.36E-07	1,000,000	1.36E-01
102	26.64016	5.7347E-05	1.53E-03	2.50E-04	3.82E-07	29	1.15E-02	1.29E-07	1,000,000	1.29E-01
103	20.0037	5.7347E-05	1.15E-03	2.50E-04	2.87E-07	29	1.15E-02	9.67E-08	1,000,000	9.67E-02
104	23.20926	5.7347E-05	1.33E-03	2.50E-04	3.33E-07	29	1.15E-02	1.12E-07	1,000,000	1.12E-01
105	27.48521	5.7347E-05	1.58E-03	2.50E-04	3.94E-07	29	1.15E-02	1.33E-07	1,000,000	1.33E-01
106	31.09722	5.7347E-05	1.78E-03	2.50E-04	4.46E-07	29	1.15E-02	1.50E-07	1,000,000	1.50E-01
107	34.8583	5.7347E-05	2.00E-03	2.50E-04	5.00E-07	29	1.15E-02	1.68E-07	1,000,000	1.68E-01
108	35.97263	5.7347E-05	2.06E-03	2.50E-04	5.16E-07	29	1.15E-02	1.74E-07	1,000,000	1.74E-01
109	34.8305	5.7347E-05	2.00E-03	2.50E-04	5.00E-07	29	1.15E-02	1.68E-07	1,000,000	1.68E-01
110	31.76885	5.7347E-05	1.82E-03	2.50E-04	4.56E-07	29	1.15E-02	1.54E-07	1,000,000	1.54E-01
111	17.30587	5.7347E-05	9.92E-04	2.50E-04	2.48E-07	29	1.15E-02	8.36E-08	1,000,000	8.36E-02
112	14.73451	5.7347E-05	8.45E-04	2.50E-04	2.11E-07	29	1.15E-02	7.12E-08	1,000,000	7.12E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

Receptor #	Max. Risk					*Chronic Non Cancer Risk*				
	Total Risk	TR - Teach		Max	Receptor #	REL	HI	Max	Receptor #	
						Residential Receptors				
1	1.9E-02		School	0.5355	108	5	1.73E-05	0.00124	108	School
2	2.0E-02		Res	0.1083	140	5	1.84E-05	0.0001	140	Res
3	2.2E-02		Teachers	0.174	108	5	1.95E-05	0.00124	108	Teachers
4	2.3E-02					5	2.08E-05			
5	2.5E-02					5	2.23E-05			
6	1.9E-02					5	1.72E-05			
7	2.0E-02					5	1.82E-05			
8	2.1E-02					5	1.94E-05			
9	2.3E-02					5	2.07E-05			
10	2.4E-02					5	2.22E-05			
11	1.9E-02					5	1.71E-05			
12	2.0E-02					5	1.81E-05			
13	2.1E-02					5	1.93E-05			
14	2.3E-02					5	2.06E-05			
15	2.4E-02					5	2.21E-05			
16	1.9E-02					5	1.69E-05			
17	2.0E-02					5	1.80E-05			
18	2.1E-02					5	1.92E-05			
19	2.3E-02					5	2.05E-05			
20	2.4E-02					5	2.20E-05			
21	1.9E-02					5	1.69E-05			
22	2.0E-02					5	1.79E-05			
23	2.1E-02					5	1.91E-05			
24	2.2E-02					5	2.04E-05			
25	2.4E-02					5	2.19E-05			
113	9.5E-02					5	8.63E-05			
114	8.6E-02					5	7.83E-05			
115	7.9E-02					5	7.13E-05			
116	7.2E-02					5	6.52E-05			
117	9.8E-02					5	8.88E-05			
118	8.8E-02					5	8.02E-05			
119	8.0E-02					5	7.28E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	7.3E-02				5	6.63E-05		
121	1.0E-01				5	9.10E-05		
122	9.0E-02				5	8.19E-05		
123	8.2E-02				5	7.41E-05		
124	7.4E-02				5	6.73E-05		
125	1.0E-01				5	9.29E-05		
126	9.2E-02				5	8.33E-05		
127	8.3E-02				5	7.51E-05		
128	7.5E-02				5	6.82E-05		
129	1.0E-01				5	9.45E-05		
130	9.3E-02				5	8.45E-05		
131	8.4E-02				5	7.61E-05		
132	7.6E-02				5	6.89E-05		
133	1.1E-01				5	9.58E-05		
134	9.4E-02				5	8.55E-05		
135	8.5E-02				5	7.69E-05		
136	7.7E-02				5	6.95E-05		
137	1.1E-01				5	9.69E-05		
138	8.5E-02				5	7.75E-05		
139	7.7E-02				5	7.00E-05		
140	1.1E-01				5	9.83E-05		
141	9.6E-02				5	8.72E-05		
142	8.6E-02				5	7.81E-05		
143	7.8E-02				5	7.03E-05		
144	1.1E-01				5	9.79E-05		
145	9.6E-02				5	8.69E-05		
146	8.6E-02				5	7.78E-05		
147	7.7E-02				5	7.01E-05		
148	1.1E-01				5	9.71E-05		
149	9.5E-02				5	8.62E-05		
150	8.5E-02				5	7.72E-05		
151	7.7E-02				5	6.96E-05		
152	1.1E-01				5	9.57E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	9.4E-02				5	8.51E-05		
154	8.4E-02				5	7.62E-05		
155	7.6E-02				5	6.88E-05		
156	1.0E-01				5	9.35E-05		
157	9.2E-02				5	8.33E-05		
158	8.2E-02				5	7.48E-05		
159	7.4E-02				5	6.76E-05		
160	1.0E-01				5	9.06E-05		
161	8.9E-02				5	8.11E-05		
162	8.0E-02				5	7.30E-05		
163	7.3E-02				5	6.61E-05		
164	9.6E-02				5	8.69E-05		
165	8.6E-02				5	7.82E-05		
166	7.8E-02				5	7.06E-05		
167	7.1E-02				5	6.42E-05		
168	9.0E-02				5	8.21E-05		
169	8.2E-02				5	7.45E-05		
170	7.5E-02				5	6.77E-05		
171	6.8E-02				5	6.19E-05		
172	8.4E-02				5	7.64E-05		
173	7.7E-02				5	7.00E-05		
174	7.1E-02				5	6.42E-05		
175	6.5E-02				5	5.91E-05		
176	7.7E-02				5	7.02E-05		
177	7.2E-02				5	6.50E-05		
178	6.6E-02				5	6.02E-05		
179	6.2E-02				5	5.58E-05		
180	7.1E-02				5	6.41E-05		
181	6.6E-02				5	5.98E-05		
182	6.2E-02				5	5.58E-05		
183	5.8E-02				5	5.22E-05		
184	9.9E-02				5	8.99E-05		
185	7.9E-02				5	7.18E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	7.3E-02				5	6.64E-05		
187	6.8E-02				5	6.17E-05		
188	6.4E-02				5	5.76E-05		
189	7.9E-02				5	7.18E-05		
190	7.3E-02				5	6.58E-05		
191	6.7E-02				5	6.08E-05		
192	6.2E-02				5	5.66E-05		
193	5.8E-02				5	5.29E-05		
194	7.3E-02				5	6.64E-05		
195	6.7E-02				5	6.09E-05		
196	6.2E-02				5	5.62E-05		
197	5.8E-02				5	5.22E-05		
198	5.4E-02				5	4.89E-05		
199	6.8E-02				5	6.18E-05		
200	6.3E-02				5	5.68E-05		
201	5.8E-02				5	5.24E-05		
202	5.4E-02				5	4.87E-05		
203	5.0E-02				5	4.55E-05		
204	8.9E-02				5	8.08E-05		
205	6.4E-02				5	5.76E-05		
206	5.9E-02				5	5.32E-05		
207	5.4E-02				5	4.92E-05		
208	5.0E-02				5	4.57E-05		
209	8.1E-02				5	7.37E-05		
210	7.5E-02				5	6.80E-05		
211	6.9E-02				5	6.29E-05		
212	6.4E-02				5	5.82E-05		
213	5.9E-02				5	5.39E-05		
214	5.5E-02				5	4.99E-05		
215	5.1E-02				5	4.63E-05		
216	7.9E-02				5	7.14E-05		
217	7.3E-02				5	6.65E-05		
218	6.8E-02				5	6.20E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	6.4E-02				5	5.78E-05		
220	6.0E-02				5	5.40E-05		
221	5.6E-02				5	5.04E-05		
222	7.2E-02				5	6.53E-05		
223	6.7E-02				5	6.11E-05		
224	6.3E-02				5	5.72E-05		
225	5.9E-02				5	5.36E-05		
226	5.5E-02				5	5.02E-05		
227	6.6E-02				5	5.99E-05		
228	6.2E-02				5	5.63E-05		
229	5.8E-02				5	5.29E-05		
230	5.5E-02				5	4.97E-05		
231	6.1E-02				5	5.52E-05		
232	5.7E-02				5	5.21E-05		
233	5.4E-02				5	4.91E-05		
234	5.1E-02				5	4.63E-05		
235	5.6E-02				5	5.11E-05		
236	5.3E-02				5	4.83E-05		
237	5.0E-02				5	4.57E-05		
238	4.8E-02				5	4.33E-05		
239	5.2E-02				5	4.75E-05		
240	5.0E-02				5	4.50E-05		
241	4.7E-02				5	4.27E-05		
242	4.5E-02				5	4.05E-05		
243	7.0E-02				5	6.31E-05		
244	6.8E-02				5	6.17E-05		
245	6.6E-02				5	5.98E-05		
246	6.3E-02				5	5.75E-05		
247	6.1E-02				5	5.51E-05		
248	5.8E-02				5	5.25E-05		
249	5.5E-02				5	4.99E-05		
250	6.4E-02				5	5.81E-05		
251	6.3E-02				5	5.68E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	6.1E-02				5	5.51E-05		
253	5.9E-02				5	5.31E-05		
254	5.6E-02				5	5.09E-05		
255	5.4E-02				5	4.86E-05		
256	5.1E-02				5	4.64E-05		
257	5.9E-02				5	5.37E-05		
258	5.8E-02				5	5.25E-05		
259	5.6E-02				5	5.09E-05		
260	5.4E-02				5	4.92E-05		
261	5.2E-02				5	4.72E-05		
262	5.0E-02				5	4.52E-05		
263	4.8E-02				5	4.32E-05		
264	5.5E-02				5	4.98E-05		
265	5.4E-02				5	4.87E-05		
266	5.2E-02				5	4.73E-05		
267	5.0E-02				5	4.57E-05		
268	4.8E-02				5	4.40E-05		
269	4.7E-02				5	4.22E-05		
270	4.5E-02				5	4.04E-05		
271	5.1E-02				5	4.64E-05		
272	5.0E-02				5	4.53E-05		
273	4.9E-02				5	4.40E-05		
274	4.7E-02				5	4.26E-05		
275	4.5E-02				5	4.11E-05		
276	4.4E-02				5	3.95E-05		
277	4.2E-02				5	3.79E-05		
278	4.6E-02				5	4.19E-05		
279	4.8E-02				5	4.36E-05		
280	5.3E-02				5	4.80E-05		
281	5.2E-02				5	4.74E-05		
282	5.7E-02				5	5.18E-05		
283	4.8E-02				5	4.36E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	8.7E-02	2.8E-02			5	2.02E-04		
27	9.4E-02	3.1E-02			5	2.17E-04		
28	1.0E-01	3.3E-02			5	2.34E-04		
29	1.1E-01	3.5E-02			5	2.51E-04		
30	1.2E-01	3.8E-02			5	2.71E-04		
31	1.3E-01	4.1E-02			5	2.91E-04		
32	1.3E-01	4.4E-02			5	3.10E-04		
33	1.4E-01	4.6E-02			5	3.29E-04		
34	1.5E-01	4.8E-02			5	3.44E-04		
35	1.5E-01	5.0E-02			5	3.56E-04		
36	1.6E-01	5.1E-02			5	3.63E-04		
37	9.6E-02	3.1E-02			5	2.23E-04		
38	1.0E-01	3.4E-02			5	2.41E-04		
39	1.1E-01	3.7E-02			5	2.61E-04		
40	1.2E-01	4.0E-02			5	2.83E-04		
41	1.3E-01	4.3E-02			5	3.06E-04		
42	1.4E-01	4.6E-02			5	3.30E-04		
43	1.5E-01	5.0E-02			5	3.55E-04		
44	1.6E-01	5.3E-02			5	3.76E-04		
45	1.7E-01	5.5E-02			5	3.95E-04		
46	1.8E-01	5.7E-02			5	4.08E-04		
47	1.8E-01	5.8E-02			5	4.14E-04		
48	1.1E-01	3.5E-02			5	2.47E-04		
49	1.2E-01	3.8E-02			5	2.70E-04		
50	1.3E-01	4.1E-02			5	2.94E-04		
51	1.4E-01	4.5E-02			5	3.20E-04		
52	1.5E-01	4.9E-02			5	3.49E-04		
53	1.6E-01	5.3E-02			5	3.79E-04		
54	1.8E-01	5.8E-02			5	4.09E-04		
55	1.9E-01	6.1E-02			5	4.36E-04		
56	2.0E-01	6.4E-02			5	4.58E-04		
57	2.0E-01	6.6E-02			5	4.72E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.1E-01	6.7E-02			5	4.77E-04		
59	1.2E-01	3.9E-02			5	2.76E-04		
60	1.3E-01	4.3E-02			5	3.04E-04		
61	1.4E-01	4.7E-02			5	3.33E-04		
62	1.6E-01	5.1E-02			5	3.67E-04		
63	1.7E-01	5.7E-02			5	4.03E-04		
64	1.9E-01	6.2E-02			5	4.41E-04		
65	2.1E-01	6.7E-02			5	4.79E-04		
66	2.2E-01	7.2E-02			5	5.13E-04		
67	2.3E-01	7.6E-02			5	5.38E-04		
68	2.4E-01	7.8E-02			5	5.53E-04		
69	2.4E-01	7.8E-02			5	5.55E-04		
70	1.3E-01	4.4E-02			5	3.10E-04		
71	1.5E-01	4.8E-02			5	3.44E-04		
72	1.7E-01	5.4E-02			5	3.82E-04		
73	1.8E-01	6.0E-02			5	4.24E-04		
74	2.0E-01	6.6E-02			5	4.71E-04		
75	2.3E-01	7.3E-02			5	5.21E-04		
76	2.5E-01	8.0E-02			5	5.70E-04		
77	2.6E-01	8.6E-02			5	6.12E-04		
78	2.8E-01	9.0E-02			5	6.43E-04		
79	2.8E-01	9.2E-02			5	6.57E-04		
80	2.8E-01	9.1E-02			5	6.51E-04		
81	1.5E-01	4.9E-02			5	3.51E-04		
82	1.7E-01	5.5E-02			5	3.94E-04		
83	1.9E-01	6.2E-02			5	4.43E-04		
84	2.2E-01	7.0E-02			5	4.97E-04		
85	2.4E-01	7.8E-02			5	5.59E-04		
86	2.7E-01	8.8E-02			5	6.25E-04		
87	3.0E-01	9.7E-02			5	6.91E-04		
88	3.2E-01	1.0E-01			5	7.46E-04		
89	3.4E-01	1.1E-01			5	7.81E-04		
90	3.4E-01	1.1E-01			5	7.91E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	3.3E-01	1.1E-01			5	7.70E-04		
92	1.7E-01	5.6E-02			5	3.99E-04		
93	2.0E-01	6.4E-02			5	4.55E-04		
94	2.2E-01	7.3E-02			5	5.19E-04		
95	2.6E-01	8.3E-02			5	5.92E-04		
96	2.9E-01	9.5E-02			5	6.76E-04		
97	3.3E-01	1.1E-01			5	7.67E-04		
98	3.7E-01	1.2E-01			5	8.57E-04		
99	4.0E-01	1.3E-01			5	9.31E-04		
100	4.2E-01	1.4E-01			5	9.71E-04		
101	4.2E-01	1.4E-01			5	9.66E-04		
102	4.0E-01	1.3E-01			5	9.17E-04		
103	3.0E-01	9.7E-02			5	6.88E-04		
104	3.5E-01	1.1E-01			5	7.99E-04		
105	4.1E-01	1.3E-01			5	9.46E-04		
106	4.6E-01	1.5E-01			5	1.07E-03		
107	5.2E-01	1.7E-01			5	1.20E-03		
108	5.4E-01	1.7E-01			5	1.24E-03		
109	5.2E-01	1.7E-01			5	1.20E-03		
110	4.7E-01	1.5E-01			5	1.09E-03		
111	2.6E-01	8.4E-02			5	5.95E-04		
112	2.2E-01	7.1E-02			5	5.07E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

					Cancer Risk From Idle 3 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	**5.26E-05**	2.40E-05	1.05E-03	2.51E-08	1.35	1.57E-01	5.32E-09	1,000,000	5.32E-03
2	0.48248	5.2602E-05	2.5379E-05	1.05E-03	2.65E-08	1.35	1.57E-01	5.63E-09	1,000,000	5.63E-03
3	0.51192	5.2602E-05	2.6928E-05	1.05E-03	2.81E-08	1.35	1.57E-01	5.97E-09	1,000,000	5.97E-03
4	0.54396	5.2602E-05	2.8613E-05	1.05E-03	2.99E-08	1.35	1.57E-01	6.34E-09	1,000,000	6.34E-03
5	0.58001	5.2602E-05	3.051E-05	1.05E-03	3.19E-08	1.35	1.57E-01	6.77E-09	1,000,000	6.77E-03
6	0.45354	5.2602E-05	2.3857E-05	1.05E-03	2.49E-08	1.35	1.57E-01	5.29E-09	1,000,000	5.29E-03
7	0.47961	5.2602E-05	2.5228E-05	1.05E-03	2.64E-08	1.35	1.57E-01	5.59E-09	1,000,000	5.59E-03
8	0.50863	5.2602E-05	2.6755E-05	1.05E-03	2.80E-08	1.35	1.57E-01	5.93E-09	1,000,000	5.93E-03
9	0.54157	5.2602E-05	2.8488E-05	1.05E-03	2.98E-08	1.35	1.57E-01	6.32E-09	1,000,000	6.32E-03
10	0.57764	5.2602E-05	3.0385E-05	1.05E-03	3.18E-08	1.35	1.57E-01	6.74E-09	1,000,000	6.74E-03
11	0.45065	5.2602E-05	2.3705E-05	1.05E-03	2.48E-08	1.35	1.57E-01	5.26E-09	1,000,000	5.26E-03
12	0.47684	5.2602E-05	2.5083E-05	1.05E-03	2.62E-08	1.35	1.57E-01	5.56E-09	1,000,000	5.56E-03
13	0.5061	5.2602E-05	2.6622E-05	1.05E-03	2.78E-08	1.35	1.57E-01	5.90E-09	1,000,000	5.90E-03
14	0.5394	5.2602E-05	2.8374E-05	1.05E-03	2.97E-08	1.35	1.57E-01	6.29E-09	1,000,000	6.29E-03
15	0.57574	5.2602E-05	3.0285E-05	1.05E-03	3.17E-08	1.35	1.57E-01	6.72E-09	1,000,000	6.72E-03
16	0.44811	5.2602E-05	2.3572E-05	1.05E-03	2.46E-08	1.35	1.57E-01	5.23E-09	1,000,000	5.23E-03
17	0.47465	5.2602E-05	2.4968E-05	1.05E-03	2.61E-08	1.35	1.57E-01	5.54E-09	1,000,000	5.54E-03
18	0.50398	5.2602E-05	2.651E-05	1.05E-03	2.77E-08	1.35	1.57E-01	5.88E-09	1,000,000	5.88E-03
19	0.53635	5.2602E-05	2.8213E-05	1.05E-03	2.95E-08	1.35	1.57E-01	6.26E-09	1,000,000	6.26E-03
20	0.57312	5.2602E-05	3.0147E-05	1.05E-03	3.15E-08	1.35	1.57E-01	6.68E-09	1,000,000	6.68E-03
21	0.44612	5.2602E-05	2.3467E-05	1.05E-03	2.45E-08	1.35	1.57E-01	5.20E-09	1,000,000	5.20E-03
22	0.47271	5.2602E-05	2.4866E-05	1.05E-03	2.60E-08	1.35	1.57E-01	5.51E-09	1,000,000	5.51E-03
23	0.50228	5.2602E-05	2.6421E-05	1.05E-03	2.76E-08	1.35	1.57E-01	5.86E-09	1,000,000	5.86E-03
24	0.535	5.2602E-05	2.8142E-05	1.05E-03	2.94E-08	1.35	1.57E-01	6.24E-09	1,000,000	6.24E-03
25	0.57105	5.2602E-05	3.0038E-05	1.05E-03	3.14E-08	1.35	1.57E-01	6.66E-09	1,000,000	6.66E-03
113	3.11657	5.2602E-05	0.00016394	1.05E-03	1.71E-07	1.35	1.57E-01	3.64E-08	1,000,000	3.64E-02
114	2.78362	5.2602E-05	0.00014642	1.05E-03	1.53E-07	1.35	1.57E-01	3.25E-08	1,000,000	3.25E-02
115	2.49949	5.2602E-05	0.00013148	1.05E-03	1.37E-07	1.35	1.57E-01	2.92E-08	1,000,000	2.92E-02
116	2.25599	5.2602E-05	0.00011867	1.05E-03	1.24E-07	1.35	1.57E-01	2.63E-08	1,000,000	2.63E-02
117	3.20449	5.2602E-05	0.00016856	1.05E-03	1.76E-07	1.35	1.57E-01	3.74E-08	1,000,000	3.74E-02
118	2.84805	5.2602E-05	0.00014981	1.05E-03	1.57E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
119	2.54741	5.2602E-05	0.000134	1.05E-03	1.40E-07	1.35	1.57E-01	2.97E-08	1,000,000	2.97E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	0.00012057	1.05E-03	1.26E-07	1.35	1.57E-01	2.67E-08	1,000,000	2.67E-02
121	3.2798	5.2602E-05	0.00017252	1.05E-03	1.80E-07	1.35	1.57E-01	3.83E-08	1,000,000	3.83E-02
122	2.90271	5.2602E-05	0.00015269	1.05E-03	1.60E-07	1.35	1.57E-01	3.39E-08	1,000,000	3.39E-02
123	2.58791	5.2602E-05	0.00013613	1.05E-03	1.42E-07	1.35	1.57E-01	3.02E-08	1,000,000	3.02E-02
124	2.32281	5.2602E-05	0.00012218	1.05E-03	1.28E-07	1.35	1.57E-01	2.71E-08	1,000,000	2.71E-02
125	3.34237	5.2602E-05	0.00017582	1.05E-03	1.84E-07	1.35	1.57E-01	3.90E-08	1,000,000	3.90E-02
126	2.94814	5.2602E-05	0.00015508	1.05E-03	1.62E-07	1.35	1.57E-01	3.44E-08	1,000,000	3.44E-02
127	2.62177	5.2602E-05	0.00013791	1.05E-03	1.44E-07	1.35	1.57E-01	3.06E-08	1,000,000	3.06E-02
128	2.34867	5.2602E-05	0.00012354	1.05E-03	1.29E-07	1.35	1.57E-01	2.74E-08	1,000,000	2.74E-02
129	3.39312	5.2602E-05	0.00017849	1.05E-03	1.87E-07	1.35	1.57E-01	3.96E-08	1,000,000	3.96E-02
130	2.98513	5.2602E-05	0.00015702	1.05E-03	1.64E-07	1.35	1.57E-01	3.48E-08	1,000,000	3.48E-02
131	2.64935	5.2602E-05	0.00013936	1.05E-03	1.46E-07	1.35	1.57E-01	3.09E-08	1,000,000	3.09E-02
132	2.36957	5.2602E-05	0.00012464	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
133	3.43208	5.2602E-05	0.00018053	1.05E-03	1.89E-07	1.35	1.57E-01	4.00E-08	1,000,000	4.00E-02
134	3.01301	5.2602E-05	0.00015849	1.05E-03	1.66E-07	1.35	1.57E-01	3.51E-08	1,000,000	3.51E-02
135	2.66953	5.2602E-05	0.00014042	1.05E-03	1.47E-07	1.35	1.57E-01	3.11E-08	1,000,000	3.11E-02
136	2.38425	5.2602E-05	0.00012542	1.05E-03	1.31E-07	1.35	1.57E-01	2.78E-08	1,000,000	2.78E-02
137	3.45706	5.2602E-05	0.00018185	1.05E-03	1.90E-07	1.35	1.57E-01	4.03E-08	1,000,000	4.03E-02
138	2.68067	5.2602E-05	0.00014101	1.05E-03	1.47E-07	1.35	1.57E-01	3.13E-08	1,000,000	3.13E-02
139	2.39154	5.2602E-05	0.0001258	1.05E-03	1.31E-07	1.35	1.57E-01	2.79E-08	1,000,000	2.79E-02
140	3.42744	5.2602E-05	0.00018029	1.05E-03	1.88E-07	1.35	1.57E-01	4.00E-08	1,000,000	4.00E-02
141	3.00052	5.2602E-05	0.00015783	1.05E-03	1.65E-07	1.35	1.57E-01	3.50E-08	1,000,000	3.50E-02
142	2.65294	5.2602E-05	0.00013955	1.05E-03	1.46E-07	1.35	1.57E-01	3.09E-08	1,000,000	3.09E-02
143	2.36578	5.2602E-05	0.00012444	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
144	3.37141	5.2602E-05	0.00017734	1.05E-03	1.85E-07	1.35	1.57E-01	3.93E-08	1,000,000	3.93E-02
145	2.9557	5.2602E-05	0.00015548	1.05E-03	1.63E-07	1.35	1.57E-01	3.45E-08	1,000,000	3.45E-02
146	2.61646	5.2602E-05	0.00013763	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
147	2.33564	5.2602E-05	0.00012286	1.05E-03	1.28E-07	1.35	1.57E-01	2.72E-08	1,000,000	2.72E-02
148	3.28504	5.2602E-05	0.0001728	1.05E-03	1.81E-07	1.35	1.57E-01	3.83E-08	1,000,000	3.83E-02
149	2.88821	5.2602E-05	0.00015193	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
150	2.56254	5.2602E-05	0.00013479	1.05E-03	1.41E-07	1.35	1.57E-01	2.99E-08	1,000,000	2.99E-02
151	2.29176	5.2602E-05	0.00012055	1.05E-03	1.26E-07	1.35	1.57E-01	2.67E-08	1,000,000	2.67E-02
152	3.16411	5.2602E-05	0.00016644	1.05E-03	1.74E-07	1.35	1.57E-01	3.69E-08	1,000,000	3.69E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	0.00014708	1.05E-03	1.54E-07	1.35	1.57E-01	3.26E-08	1,000,000	3.26E-02
154	2.49057	5.2602E-05	0.00013101	1.05E-03	1.37E-07	1.35	1.57E-01	2.90E-08	1,000,000	2.90E-02
155	2.23421	5.2602E-05	0.00011752	1.05E-03	1.23E-07	1.35	1.57E-01	2.61E-08	1,000,000	2.61E-02
156	3.00074	5.2602E-05	0.00015785	1.05E-03	1.65E-07	1.35	1.57E-01	3.50E-08	1,000,000	3.50E-02
157	2.67432	5.2602E-05	0.00014067	1.05E-03	1.47E-07	1.35	1.57E-01	3.12E-08	1,000,000	3.12E-02
158	2.39747	5.2602E-05	0.00012611	1.05E-03	1.32E-07	1.35	1.57E-01	2.80E-08	1,000,000	2.80E-02
159	2.16138	5.2602E-05	0.00011369	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
160	2.79134	5.2602E-05	0.00014683	1.05E-03	1.53E-07	1.35	1.57E-01	3.26E-08	1,000,000	3.26E-02
161	2.51735	5.2602E-05	0.00013242	1.05E-03	1.38E-07	1.35	1.57E-01	2.94E-08	1,000,000	2.94E-02
162	2.2782	5.2602E-05	0.00011984	1.05E-03	1.25E-07	1.35	1.57E-01	2.66E-08	1,000,000	2.66E-02
163	2.0689	5.2602E-05	0.00010883	1.05E-03	1.14E-07	1.35	1.57E-01	2.41E-08	1,000,000	2.41E-02
164	2.54902	5.2602E-05	0.00013408	1.05E-03	1.40E-07	1.35	1.57E-01	2.97E-08	1,000,000	2.97E-02
165	2.32893	5.2602E-05	0.00012251	1.05E-03	1.28E-07	1.35	1.57E-01	2.72E-08	1,000,000	2.72E-02
166	2.12974	5.2602E-05	0.00011203	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
167	1.95301	5.2602E-05	0.00010273	1.05E-03	1.07E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
168	2.30211	5.2602E-05	0.0001211	1.05E-03	1.27E-07	1.35	1.57E-01	2.69E-08	1,000,000	2.69E-02
169	2.12568	5.2602E-05	0.00011182	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
170	1.96459	5.2602E-05	0.00010334	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
171	1.82039	5.2602E-05	9.5756E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
172	2.07862	5.2602E-05	0.00010934	1.05E-03	1.14E-07	1.35	1.57E-01	2.42E-08	1,000,000	2.42E-02
173	1.92992	5.2602E-05	0.00010152	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
174	1.79713	5.2602E-05	9.4533E-05	1.05E-03	9.88E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
175	1.6789	5.2602E-05	8.8314E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
176	1.89272	5.2602E-05	9.9561E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
177	1.75851	5.2602E-05	9.2501E-05	1.05E-03	9.67E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
178	1.6422	5.2602E-05	8.6383E-05	1.05E-03	9.03E-08	1.35	1.57E-01	1.92E-08	1,000,000	1.92E-02
179	1.54133	5.2602E-05	8.1077E-05	1.05E-03	8.47E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
180	1.74361	5.2602E-05	9.1717E-05	1.05E-03	9.59E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
181	1.61672	5.2602E-05	8.5043E-05	1.05E-03	8.89E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
182	1.5092	5.2602E-05	7.9387E-05	1.05E-03	8.30E-08	1.35	1.57E-01	1.76E-08	1,000,000	1.76E-02
183	1.41798	5.2602E-05	7.4589E-05	1.05E-03	7.80E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
184	2.4771	5.2602E-05	0.0001303	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
185	2.01587	5.2602E-05	0.00010604	1.05E-03	1.11E-07	1.35	1.57E-01	2.35E-08	1,000,000	2.35E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.6894E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
187	1.69393	5.2602E-05	8.9104E-05	1.05E-03	9.31E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
188	1.568	5.2602E-05	8.248E-05	1.05E-03	8.62E-08	1.35	1.57E-01	1.83E-08	1,000,000	1.83E-02
189	2.0487	5.2602E-05	0.00010777	1.05E-03	1.13E-07	1.35	1.57E-01	2.39E-08	1,000,000	2.39E-02
190	1.87326	5.2602E-05	9.8537E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.18E-08	1,000,000	2.18E-02
191	1.71807	5.2602E-05	9.0374E-05	1.05E-03	9.45E-08	1.35	1.57E-01	2.00E-08	1,000,000	2.00E-02
192	1.58219	5.2602E-05	8.3226E-05	1.05E-03	8.70E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
193	1.46326	5.2602E-05	7.697E-05	1.05E-03	8.04E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
194	1.89537	5.2602E-05	9.97E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
195	1.7441	5.2602E-05	9.1743E-05	1.05E-03	9.59E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
196	1.60729	5.2602E-05	8.4547E-05	1.05E-03	8.84E-08	1.35	1.57E-01	1.87E-08	1,000,000	1.87E-02
197	1.48378	5.2602E-05	7.805E-05	1.05E-03	8.16E-08	1.35	1.57E-01	1.73E-08	1,000,000	1.73E-02
198	1.37542	5.2602E-05	7.235E-05	1.05E-03	7.56E-08	1.35	1.57E-01	1.60E-08	1,000,000	1.60E-02
199	1.75648	5.2602E-05	9.2394E-05	1.05E-03	9.66E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
200	1.62585	5.2602E-05	8.5523E-05	1.05E-03	8.94E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
201	1.50572	5.2602E-05	7.9204E-05	1.05E-03	8.28E-08	1.35	1.57E-01	1.76E-08	1,000,000	1.76E-02
202	1.39624	5.2602E-05	7.3445E-05	1.05E-03	7.68E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
203	1.29779	5.2602E-05	6.8266E-05	1.05E-03	7.14E-08	1.35	1.57E-01	1.51E-08	1,000,000	1.51E-02
204	2.19334	5.2602E-05	0.00011537	1.05E-03	1.21E-07	1.35	1.57E-01	2.56E-08	1,000,000	2.56E-02
205	1.63062	5.2602E-05	8.5774E-05	1.05E-03	8.97E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
206	1.51741	5.2602E-05	7.9819E-05	1.05E-03	8.34E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
207	1.41165	5.2602E-05	7.4256E-05	1.05E-03	7.76E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
208	1.31556	5.2602E-05	6.9201E-05	1.05E-03	7.23E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
209	2.0009	5.2602E-05	0.00010525	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
210	1.86405	5.2602E-05	9.8053E-05	1.05E-03	1.02E-07	1.35	1.57E-01	2.17E-08	1,000,000	2.17E-02
211	1.7383	5.2602E-05	9.1438E-05	1.05E-03	9.56E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
212	1.62314	5.2602E-05	8.5381E-05	1.05E-03	8.92E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
213	1.51671	5.2602E-05	7.9782E-05	1.05E-03	8.34E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
214	1.4174	5.2602E-05	7.4558E-05	1.05E-03	7.79E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
215	1.32537	5.2602E-05	6.9717E-05	1.05E-03	7.29E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
216	1.9116	5.2602E-05	0.00010055	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
217	1.79592	5.2602E-05	9.4469E-05	1.05E-03	9.87E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
218	1.68552	5.2602E-05	8.8662E-05	1.05E-03	9.27E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.3328E-05	1.05E-03	8.71E-08	1.35	1.57E-01	1.85E-08	1,000,000	1.85E-02
220	1.48906	5.2602E-05	7.8328E-05	1.05E-03	8.19E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
221	1.40081	5.2602E-05	7.3685E-05	1.05E-03	7.70E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
222	1.753	5.2602E-05	9.2211E-05	1.05E-03	9.64E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
223	1.65213	5.2602E-05	8.6905E-05	1.05E-03	9.08E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
224	1.55691	5.2602E-05	8.1897E-05	1.05E-03	8.56E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
225	1.46829	5.2602E-05	7.7235E-05	1.05E-03	8.07E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
226	1.38443	5.2602E-05	7.2824E-05	1.05E-03	7.61E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02
227	1.61407	5.2602E-05	8.4903E-05	1.05E-03	8.87E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02
228	1.52589	5.2602E-05	8.0265E-05	1.05E-03	8.39E-08	1.35	1.57E-01	1.78E-08	1,000,000	1.78E-02
229	1.44307	5.2602E-05	7.5908E-05	1.05E-03	7.93E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
230	1.36411	5.2602E-05	7.1755E-05	1.05E-03	7.50E-08	1.35	1.57E-01	1.59E-08	1,000,000	1.59E-02
231	1.49154	5.2602E-05	7.8458E-05	1.05E-03	8.20E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
232	1.41491	5.2602E-05	7.4427E-05	1.05E-03	7.78E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
233	1.3418	5.2602E-05	7.0581E-05	1.05E-03	7.38E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
234	1.27204	5.2602E-05	6.6912E-05	1.05E-03	6.99E-08	1.35	1.57E-01	1.48E-08	1,000,000	1.48E-02
235	1.38378	5.2602E-05	7.279E-05	1.05E-03	7.61E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02
236	1.31628	5.2602E-05	6.9239E-05	1.05E-03	7.24E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
237	1.251	5.2602E-05	6.5805E-05	1.05E-03	6.88E-08	1.35	1.57E-01	1.46E-08	1,000,000	1.46E-02
238	1.18953	5.2602E-05	6.2572E-05	1.05E-03	6.54E-08	1.35	1.57E-01	1.39E-08	1,000,000	1.39E-02
239	1.28812	5.2602E-05	6.7758E-05	1.05E-03	7.08E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
240	1.22807	5.2602E-05	6.4599E-05	1.05E-03	6.75E-08	1.35	1.57E-01	1.43E-08	1,000,000	1.43E-02
241	1.16985	5.2602E-05	6.1537E-05	1.05E-03	6.43E-08	1.35	1.57E-01	1.36E-08	1,000,000	1.36E-02
242	1.11522	5.2602E-05	5.8663E-05	1.05E-03	6.13E-08	1.35	1.57E-01	1.30E-08	1,000,000	1.30E-02
243	1.59373	5.2602E-05	8.3833E-05	1.05E-03	8.76E-08	1.35	1.57E-01	1.86E-08	1,000,000	1.86E-02
244	1.57332	5.2602E-05	8.276E-05	1.05E-03	8.65E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
245	1.54215	5.2602E-05	8.112E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
246	1.50156	5.2602E-05	7.8985E-05	1.05E-03	8.26E-08	1.35	1.57E-01	1.75E-08	1,000,000	1.75E-02
247	1.45282	5.2602E-05	7.6421E-05	1.05E-03	7.99E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
248	1.39917	5.2602E-05	7.3599E-05	1.05E-03	7.69E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
249	1.34208	5.2602E-05	7.0596E-05	1.05E-03	7.38E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
250	1.47969	5.2602E-05	7.7835E-05	1.05E-03	8.14E-08	1.35	1.57E-01	1.73E-08	1,000,000	1.73E-02
251	1.45948	5.2602E-05	7.6772E-05	1.05E-03	8.02E-08	1.35	1.57E-01	1.70E-08	1,000,000	1.70E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.5236E-05	1.05E-03	7.86E-08	1.35	1.57E-01	1.67E-08	1,000,000	1.67E-02
253	1.39323	5.2602E-05	7.3287E-05	1.05E-03	7.66E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
254	1.34937	5.2602E-05	7.098E-05	1.05E-03	7.42E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
255	1.30143	5.2602E-05	6.8458E-05	1.05E-03	7.16E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02
256	1.25003	5.2602E-05	6.5754E-05	1.05E-03	6.87E-08	1.35	1.57E-01	1.46E-08	1,000,000	1.46E-02
257	1.37783	5.2602E-05	7.2477E-05	1.05E-03	7.58E-08	1.35	1.57E-01	1.61E-08	1,000,000	1.61E-02
258	1.3581	5.2602E-05	7.1439E-05	1.05E-03	7.47E-08	1.35	1.57E-01	1.58E-08	1,000,000	1.58E-02
259	1.33081	5.2602E-05	7.0003E-05	1.05E-03	7.32E-08	1.35	1.57E-01	1.55E-08	1,000,000	1.55E-02
260	1.29696	5.2602E-05	6.8223E-05	1.05E-03	7.13E-08	1.35	1.57E-01	1.51E-08	1,000,000	1.51E-02
261	1.25737	5.2602E-05	6.614E-05	1.05E-03	6.91E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
262	1.21427	5.2602E-05	6.3873E-05	1.05E-03	6.68E-08	1.35	1.57E-01	1.42E-08	1,000,000	1.42E-02
263	1.16841	5.2602E-05	6.1461E-05	1.05E-03	6.42E-08	1.35	1.57E-01	1.36E-08	1,000,000	1.36E-02
264	1.28673	5.2602E-05	6.7685E-05	1.05E-03	7.07E-08	1.35	1.57E-01	1.50E-08	1,000,000	1.50E-02
265	1.26751	5.2602E-05	6.6674E-05	1.05E-03	6.97E-08	1.35	1.57E-01	1.48E-08	1,000,000	1.48E-02
266	1.24195	5.2602E-05	6.5329E-05	1.05E-03	6.83E-08	1.35	1.57E-01	1.45E-08	1,000,000	1.45E-02
267	1.21097	5.2602E-05	6.37E-05	1.05E-03	6.66E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02
268	1.17551	5.2602E-05	6.1834E-05	1.05E-03	6.46E-08	1.35	1.57E-01	1.37E-08	1,000,000	1.37E-02
269	1.13653	5.2602E-05	5.9784E-05	1.05E-03	6.25E-08	1.35	1.57E-01	1.33E-08	1,000,000	1.33E-02
270	1.09525	5.2602E-05	5.7612E-05	1.05E-03	6.02E-08	1.35	1.57E-01	1.28E-08	1,000,000	1.28E-02
271	1.20452	5.2602E-05	6.336E-05	1.05E-03	6.62E-08	1.35	1.57E-01	1.40E-08	1,000,000	1.40E-02
272	1.18607	5.2602E-05	6.239E-05	1.05E-03	6.52E-08	1.35	1.57E-01	1.38E-08	1,000,000	1.38E-02
273	1.16224	5.2602E-05	6.1136E-05	1.05E-03	6.39E-08	1.35	1.57E-01	1.36E-08	1,000,000	1.36E-02
274	1.13379	5.2602E-05	5.964E-05	1.05E-03	6.23E-08	1.35	1.57E-01	1.32E-08	1,000,000	1.32E-02
275	1.10153	5.2602E-05	5.7943E-05	1.05E-03	6.06E-08	1.35	1.57E-01	1.28E-08	1,000,000	1.28E-02
276	1.06643	5.2602E-05	5.6096E-05	1.05E-03	5.86E-08	1.35	1.57E-01	1.24E-08	1,000,000	1.24E-02
277	1.02902	5.2602E-05	5.4129E-05	1.05E-03	5.66E-08	1.35	1.57E-01	1.20E-08	1,000,000	1.20E-02
278	1.03876	5.2602E-05	5.4641E-05	1.05E-03	5.71E-08	1.35	1.57E-01	1.21E-08	1,000,000	1.21E-02
279	1.07663	5.2602E-05	5.6633E-05	1.05E-03	5.92E-08	1.35	1.57E-01	1.26E-08	1,000,000	1.26E-02
280	1.17408	5.2602E-05	6.1759E-05	1.05E-03	6.46E-08	1.35	1.57E-01	1.37E-08	1,000,000	1.37E-02
281	1.16082	5.2602E-05	6.1062E-05	1.05E-03	6.38E-08	1.35	1.57E-01	1.35E-08	1,000,000	1.35E-02
282	1.25617	5.2602E-05	6.6077E-05	1.05E-03	6.91E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
283	1.07579	5.2602E-05	5.6589E-05	1.05E-03	5.91E-08	1.35	1.57E-01	1.25E-08	1,000,000	1.25E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

					Cancer Risk From Idle 3 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	6.68095	5.2602E-05	0.00035143	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	7.39421	5.2602E-05	0.00038895	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	8.19748	5.2602E-05	0.0004312	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	9.09062	5.2602E-05	0.00047819	1.05E-03	5.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	10.07053	5.2602E-05	0.00052973	1.05E-03	5.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	11.14532	5.2602E-05	0.00058627	1.05E-03	6.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	12.34499	5.2602E-05	0.00064937	1.05E-03	6.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	13.68964	5.2602E-05	0.0007201	1.05E-03	7.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	15.11877	5.2602E-05	0.00079528	1.05E-03	8.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	16.47438	5.2602E-05	0.00086659	1.05E-03	9.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	17.56348	5.2602E-05	0.00092388	1.05E-03	9.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	7.33532	5.2602E-05	0.00038585	1.05E-03	4.03E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	8.19335	5.2602E-05	0.00043099	1.05E-03	4.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	9.17792	5.2602E-05	0.00048278	1.05E-03	5.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	10.29551	5.2602E-05	0.00054157	1.05E-03	5.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	11.54408	5.2602E-05	0.00060724	1.05E-03	6.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	12.92806	5.2602E-05	0.00068004	1.05E-03	7.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	14.48306	5.2602E-05	0.00076184	1.05E-03	7.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	16.24582	5.2602E-05	0.00085456	1.05E-03	8.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	18.13862	5.2602E-05	0.00095413	1.05E-03	9.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	19.91889	5.2602E-05	0.00104777	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	21.2838	5.2602E-05	0.00111957	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	8.07307	5.2602E-05	0.00042466	1.05E-03	4.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	9.11208	5.2602E-05	0.00047931	1.05E-03	5.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	10.32894	5.2602E-05	0.00054332	1.05E-03	5.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	11.74421	5.2602E-05	0.00061777	1.05E-03	6.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	13.36438	5.2602E-05	0.00070299	1.05E-03	7.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	15.19114	5.2602E-05	0.00079909	1.05E-03	8.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	17.26309	5.2602E-05	0.00090807	1.05E-03	9.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	19.6427	5.2602E-05	0.00103325	1.05E-03	1.08E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	22.23112	5.2602E-05	0.0011694	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	24.6377	5.2602E-05	0.00129599	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	0.00138658	1.05E-03	1.45E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	8.89859	5.2602E-05	0.00046808	1.05E-03	4.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	10.16559	5.2602E-05	0.00053473	1.05E-03	5.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	11.68245	5.2602E-05	0.00061452	1.05E-03	6.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	13.49584	5.2602E-05	0.00070991	1.05E-03	7.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	15.63761	5.2602E-05	0.00082257	1.05E-03	8.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	18.11715	5.2602E-05	0.000953	1.05E-03	9.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	20.97272	5.2602E-05	0.00110321	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	24.30398	5.2602E-05	0.00127844	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	27.98824	5.2602E-05	0.00147224	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	31.35793	5.2602E-05	0.00164949	1.05E-03	1.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	33.5195	5.2602E-05	0.00176319	1.05E-03	1.84E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.807	5.2602E-05	0.00051587	1.05E-03	5.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	11.36228	5.2602E-05	0.00059768	1.05E-03	6.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	13.26991	5.2602E-05	0.00069802	1.05E-03	7.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	15.62062	5.2602E-05	0.00082168	1.05E-03	8.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	18.50419	5.2602E-05	0.00097336	1.05E-03	1.02E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	21.97421	5.2602E-05	0.00115589	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	26.07644	5.2602E-05	0.00137167	1.05E-03	1.43E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	30.96045	5.2602E-05	0.00162858	1.05E-03	1.70E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	36.48166	5.2602E-05	0.00191901	1.05E-03	2.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	41.4091	5.2602E-05	0.0021782	1.05E-03	2.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	44.01193	5.2602E-05	0.00231512	1.05E-03	2.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	10.77626	5.2602E-05	0.00056685	1.05E-03	5.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	12.69099	5.2602E-05	0.00066757	1.05E-03	6.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	15.10855	5.2602E-05	0.00079474	1.05E-03	8.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	18.19154	5.2602E-05	0.00095691	1.05E-03	1.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	22.14291	5.2602E-05	0.00116476	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	27.15516	5.2602E-05	0.00142842	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	33.35361	5.2602E-05	0.00175447	1.05E-03	1.83E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	40.9628	5.2602E-05	0.00215473	1.05E-03	2.25E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	49.82536	5.2602E-05	0.00262092	1.05E-03	2.74E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	57.42761	5.2602E-05	0.00302081	1.05E-03	3.16E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	0.00315843	1.05E-03	3.30E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	11.76246	5.2602E-05	0.00061873	1.05E-03	6.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	14.10394	5.2602E-05	0.0007419	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	17.17037	5.2602E-05	0.0009032	1.05E-03	9.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	21.24938	5.2602E-05	0.00111776	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	26.75425	5.2602E-05	0.00140733	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	34.22216	5.2602E-05	0.00180016	1.05E-03	1.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	44.15774	5.2602E-05	0.00232279	1.05E-03	2.43E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	57.03012	5.2602E-05	0.0029999	1.05E-03	3.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	72.6934	5.2602E-05	0.00382382	1.05E-03	4.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	85.20727	5.2602E-05	0.00448208	1.05E-03	4.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	85.47702	5.2602E-05	0.00449627	1.05E-03	4.70E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	23.89039	5.2602E-05	0.00125668	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	31.05291	5.2602E-05	0.00163345	1.05E-03	1.71E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	42.95874	5.2602E-05	0.00225972	1.05E-03	2.36E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	59.0771	5.2602E-05	0.00310758	1.05E-03	3.25E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	85.24166	5.2602E-05	0.00448389	1.05E-03	4.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	117.2212	5.2602E-05	0.00616608	1.05E-03	6.44E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	139.1875	5.2602E-05	0.00732155	1.05E-03	7.65E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	125.9598	5.2602E-05	0.00662574	1.05E-03	6.93E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	18.94091	5.2602E-05	0.00099633	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	14.93328	5.2602E-05	0.00078552	1.05E-03	8.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	5.26E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.58E-09	1,000,000	9.6E-03
2	0.48248	5.2602E-05	2.54E-05	6.05E-04	1.54E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
3	0.51192	5.2602E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
4	0.54396	5.2602E-05	2.86E-05	6.05E-04	1.73E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
5	0.58001	5.2602E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
6	0.45354	5.2602E-05	2.39E-05	6.05E-04	1.44E-08	14	4.71E-02	9.53E-09	1,000,000	9.53E-03
7	0.47961	5.2602E-05	2.52E-05	6.05E-04	1.53E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
8	0.50863	5.2602E-05	2.68E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
9	0.54157	5.2602E-05	2.85E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
10	0.57764	5.2602E-05	3.04E-05	6.05E-04	1.84E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
11	0.45065	5.2602E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.47E-09	1,000,000	9.47E-03
12	0.47684	5.2602E-05	2.51E-05	6.05E-04	1.52E-08	14	4.71E-02	1.00E-08	1,000,000	1.00E-02
13	0.5061	5.2602E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
14	0.5394	5.2602E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
15	0.57574	5.2602E-05	3.03E-05	6.05E-04	1.83E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
16	0.44811	5.2602E-05	2.36E-05	6.05E-04	1.43E-08	14	4.71E-02	9.41E-09	1,000,000	9.41E-03
17	0.47465	5.2602E-05	2.50E-05	6.05E-04	1.51E-08	14	4.71E-02	9.97E-09	1,000,000	9.97E-03
18	0.50398	5.2602E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
19	0.53635	5.2602E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
20	0.57312	5.2602E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
21	0.44612	5.2602E-05	2.35E-05	6.05E-04	1.42E-08	14	4.71E-02	9.37E-09	1,000,000	9.37E-03
22	0.47271	5.2602E-05	2.49E-05	6.05E-04	1.50E-08	14	4.71E-02	9.93E-09	1,000,000	9.93E-03
23	0.50228	5.2602E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
24	0.535	5.2602E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
25	0.57105	5.2602E-05	3.00E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
113	3.11657	5.2602E-05	1.64E-04	6.05E-04	9.92E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
114	2.78362	5.2602E-05	1.46E-04	6.05E-04	8.86E-08	14	4.71E-02	5.85E-08	1,000,000	5.85E-02
115	2.49949	5.2602E-05	1.31E-04	6.05E-04	7.96E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
116	2.25599	5.2602E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
117	3.20449	5.2602E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.73E-08	1,000,000	6.73E-02
118	2.84805	5.2602E-05	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
119	2.54741	5.2602E-05	1.34E-04	6.05E-04	8.11E-08	14	4.71E-02	5.35E-08	1,000,000	5.35E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
121	3.2798	5.2602E-05	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
122	2.90271	5.2602E-05	1.53E-04	6.05E-04	9.24E-08	14	4.71E-02	6.10E-08	1,000,000	6.10E-02
123	2.58791	5.2602E-05	1.36E-04	6.05E-04	8.24E-08	14	4.71E-02	5.44E-08	1,000,000	5.44E-02
124	2.32281	5.2602E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
125	3.34237	5.2602E-05	1.76E-04	6.05E-04	1.06E-07	14	4.71E-02	7.02E-08	1,000,000	7.02E-02
126	2.94814	5.2602E-05	1.55E-04	6.05E-04	9.38E-08	14	4.71E-02	6.19E-08	1,000,000	6.19E-02
127	2.62177	5.2602E-05	1.38E-04	6.05E-04	8.34E-08	14	4.71E-02	5.51E-08	1,000,000	5.51E-02
128	2.34867	5.2602E-05	1.24E-04	6.05E-04	7.48E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
129	3.39312	5.2602E-05	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
130	2.98513	5.2602E-05	1.57E-04	6.05E-04	9.50E-08	14	4.71E-02	6.27E-08	1,000,000	6.27E-02
131	2.64935	5.2602E-05	1.39E-04	6.05E-04	8.43E-08	14	4.71E-02	5.57E-08	1,000,000	5.57E-02
132	2.36957	5.2602E-05	1.25E-04	6.05E-04	7.54E-08	14	4.71E-02	4.98E-08	1,000,000	4.98E-02
133	3.43208	5.2602E-05	1.81E-04	6.05E-04	1.09E-07	14	4.71E-02	7.21E-08	1,000,000	7.21E-02
134	3.01301	5.2602E-05	1.58E-04	6.05E-04	9.59E-08	14	4.71E-02	6.33E-08	1,000,000	6.33E-02
135	2.66953	5.2602E-05	1.40E-04	6.05E-04	8.50E-08	14	4.71E-02	5.61E-08	1,000,000	5.61E-02
136	2.38425	5.2602E-05	1.25E-04	6.05E-04	7.59E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
137	3.45706	5.2602E-05	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.26E-08	1,000,000	7.26E-02
138	2.68067	5.2602E-05	1.41E-04	6.05E-04	8.53E-08	14	4.71E-02	5.63E-08	1,000,000	5.63E-02
139	2.39154	5.2602E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
140	3.42744	5.2602E-05	1.80E-04	6.05E-04	1.09E-07	14	4.71E-02	7.20E-08	1,000,000	7.20E-02
141	3.00052	5.2602E-05	1.58E-04	6.05E-04	9.55E-08	14	4.71E-02	6.30E-08	1,000,000	6.30E-02
142	2.65294	5.2602E-05	1.40E-04	6.05E-04	8.44E-08	14	4.71E-02	5.57E-08	1,000,000	5.57E-02
143	2.36578	5.2602E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
144	3.37141	5.2602E-05	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.08E-08	1,000,000	7.08E-02
145	2.9557	5.2602E-05	1.55E-04	6.05E-04	9.41E-08	14	4.71E-02	6.21E-08	1,000,000	6.21E-02
146	2.61646	5.2602E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
147	2.33564	5.2602E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
148	3.28504	5.2602E-05	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.90E-08	1,000,000	6.90E-02
149	2.88821	5.2602E-05	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
150	2.56254	5.2602E-05	1.35E-04	6.05E-04	8.16E-08	14	4.71E-02	5.38E-08	1,000,000	5.38E-02
151	2.29176	5.2602E-05	1.21E-04	6.05E-04	7.29E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
152	3.16411	5.2602E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.65E-08	1,000,000	6.65E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	1.47E-04	6.05E-04	8.90E-08	14	4.71E-02	5.87E-08	1,000,000	5.87E-02
154	2.49057	5.2602E-05	1.31E-04	6.05E-04	7.93E-08	14	4.71E-02	5.23E-08	1,000,000	5.23E-02
155	2.23421	5.2602E-05	1.18E-04	6.05E-04	7.11E-08	14	4.71E-02	4.69E-08	1,000,000	4.69E-02
156	3.00074	5.2602E-05	1.58E-04	6.05E-04	9.55E-08	14	4.71E-02	6.30E-08	1,000,000	6.30E-02
157	2.67432	5.2602E-05	1.41E-04	6.05E-04	8.51E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
158	2.39747	5.2602E-05	1.26E-04	6.05E-04	7.63E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
159	2.16138	5.2602E-05	1.14E-04	6.05E-04	6.88E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
160	2.79134	5.2602E-05	1.47E-04	6.05E-04	8.88E-08	14	4.71E-02	5.86E-08	1,000,000	5.86E-02
161	2.51735	5.2602E-05	1.32E-04	6.05E-04	8.01E-08	14	4.71E-02	5.29E-08	1,000,000	5.29E-02
162	2.2782	5.2602E-05	1.20E-04	6.05E-04	7.25E-08	14	4.71E-02	4.79E-08	1,000,000	4.79E-02
163	2.0689	5.2602E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
164	2.54902	5.2602E-05	1.34E-04	6.05E-04	8.11E-08	14	4.71E-02	5.35E-08	1,000,000	5.35E-02
165	2.32893	5.2602E-05	1.23E-04	6.05E-04	7.41E-08	14	4.71E-02	4.89E-08	1,000,000	4.89E-02
166	2.12974	5.2602E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
167	1.95301	5.2602E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
168	2.30211	5.2602E-05	1.21E-04	6.05E-04	7.33E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02
169	2.12568	5.2602E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
170	1.96459	5.2602E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
171	1.82039	5.2602E-05	9.58E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
172	2.07862	5.2602E-05	1.09E-04	6.05E-04	6.62E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
173	1.92992	5.2602E-05	1.02E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
174	1.79713	5.2602E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
175	1.6789	5.2602E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
176	1.89272	5.2602E-05	9.96E-05	6.05E-04	6.02E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
177	1.75851	5.2602E-05	9.25E-05	6.05E-04	5.60E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
178	1.6422	5.2602E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
179	1.54133	5.2602E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
180	1.74361	5.2602E-05	9.17E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
181	1.61672	5.2602E-05	8.50E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
182	1.5092	5.2602E-05	7.94E-05	6.05E-04	4.80E-08	14	4.71E-02	3.17E-08	1,000,000	3.17E-02
183	1.41798	5.2602E-05	7.46E-05	6.05E-04	4.51E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
184	2.4771	5.2602E-05	1.30E-04	6.05E-04	7.88E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
185	2.01587	5.2602E-05	1.06E-04	6.05E-04	6.42E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
187	1.69393	5.2602E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
188	1.568	5.2602E-05	8.25E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
189	2.0487	5.2602E-05	1.08E-04	6.05E-04	6.52E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
190	1.87326	5.2602E-05	9.85E-05	6.05E-04	5.96E-08	14	4.71E-02	3.94E-08	1,000,000	3.94E-02
191	1.71807	5.2602E-05	9.04E-05	6.05E-04	5.47E-08	14	4.71E-02	3.61E-08	1,000,000	3.61E-02
192	1.58219	5.2602E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
193	1.46326	5.2602E-05	7.70E-05	6.05E-04	4.66E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02
194	1.89537	5.2602E-05	9.97E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
195	1.7441	5.2602E-05	9.17E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
196	1.60729	5.2602E-05	8.45E-05	6.05E-04	5.12E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
197	1.48378	5.2602E-05	7.80E-05	6.05E-04	4.72E-08	14	4.71E-02	3.12E-08	1,000,000	3.12E-02
198	1.37542	5.2602E-05	7.23E-05	6.05E-04	4.38E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
199	1.75648	5.2602E-05	9.24E-05	6.05E-04	5.59E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
200	1.62585	5.2602E-05	8.55E-05	6.05E-04	5.17E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
201	1.50572	5.2602E-05	7.92E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
202	1.39624	5.2602E-05	7.34E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
203	1.29779	5.2602E-05	6.83E-05	6.05E-04	4.13E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
204	2.19334	5.2602E-05	1.15E-04	6.05E-04	6.98E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
205	1.63062	5.2602E-05	8.58E-05	6.05E-04	5.19E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
206	1.51741	5.2602E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
207	1.41165	5.2602E-05	7.43E-05	6.05E-04	4.49E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
208	1.31556	5.2602E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
209	2.0009	5.2602E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
210	1.86405	5.2602E-05	9.81E-05	6.05E-04	5.93E-08	14	4.71E-02	3.92E-08	1,000,000	3.92E-02
211	1.7383	5.2602E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
212	1.62314	5.2602E-05	8.54E-05	6.05E-04	5.17E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
213	1.51671	5.2602E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
214	1.4174	5.2602E-05	7.46E-05	6.05E-04	4.51E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
215	1.32537	5.2602E-05	6.97E-05	6.05E-04	4.22E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
216	1.9116	5.2602E-05	1.01E-04	6.05E-04	6.08E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
217	1.79592	5.2602E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
218	1.68552	5.2602E-05	8.87E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.33E-05	6.05E-04	5.04E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
220	1.48906	5.2602E-05	7.83E-05	6.05E-04	4.74E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
221	1.40081	5.2602E-05	7.37E-05	6.05E-04	4.46E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
222	1.753	5.2602E-05	9.22E-05	6.05E-04	5.58E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
223	1.65213	5.2602E-05	8.69E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
224	1.55691	5.2602E-05	8.19E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
225	1.46829	5.2602E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
226	1.38443	5.2602E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
227	1.61407	5.2602E-05	8.49E-05	6.05E-04	5.14E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
228	1.52589	5.2602E-05	8.03E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
229	1.44307	5.2602E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
230	1.36411	5.2602E-05	7.18E-05	6.05E-04	4.34E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
231	1.49154	5.2602E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
232	1.41491	5.2602E-05	7.44E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
233	1.3418	5.2602E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
234	1.27204	5.2602E-05	6.69E-05	6.05E-04	4.05E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
235	1.38378	5.2602E-05	7.28E-05	6.05E-04	4.40E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
236	1.31628	5.2602E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
237	1.251	5.2602E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
238	1.18953	5.2602E-05	6.26E-05	6.05E-04	3.79E-08	14	4.71E-02	2.50E-08	1,000,000	2.50E-02
239	1.28812	5.2602E-05	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.71E-02
240	1.22807	5.2602E-05	6.46E-05	6.05E-04	3.91E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
241	1.16985	5.2602E-05	6.15E-05	6.05E-04	3.72E-08	14	4.71E-02	2.46E-08	1,000,000	2.46E-02
242	1.11522	5.2602E-05	5.87E-05	6.05E-04	3.55E-08	14	4.71E-02	2.34E-08	1,000,000	2.34E-02
243	1.59373	5.2602E-05	8.38E-05	6.05E-04	5.07E-08	14	4.71E-02	3.35E-08	1,000,000	3.35E-02
244	1.57332	5.2602E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.30E-08	1,000,000	3.30E-02
245	1.54215	5.2602E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
246	1.50156	5.2602E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
247	1.45282	5.2602E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
248	1.39917	5.2602E-05	7.36E-05	6.05E-04	4.45E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
249	1.34208	5.2602E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
250	1.47969	5.2602E-05	7.78E-05	6.05E-04	4.71E-08	14	4.71E-02	3.11E-08	1,000,000	3.11E-02
251	1.45948	5.2602E-05	7.68E-05	6.05E-04	4.65E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.52E-05	6.05E-04	4.55E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
253	1.39323	5.2602E-05	7.33E-05	6.05E-04	4.43E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
254	1.34937	5.2602E-05	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
255	1.30143	5.2602E-05	6.85E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
256	1.25003	5.2602E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
257	1.37783	5.2602E-05	7.25E-05	6.05E-04	4.39E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
258	1.3581	5.2602E-05	7.14E-05	6.05E-04	4.32E-08	14	4.71E-02	2.85E-08	1,000,000	2.85E-02
259	1.33081	5.2602E-05	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
260	1.29696	5.2602E-05	6.82E-05	6.05E-04	4.13E-08	14	4.71E-02	2.72E-08	1,000,000	2.72E-02
261	1.25737	5.2602E-05	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
262	1.21427	5.2602E-05	6.39E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
263	1.16841	5.2602E-05	6.15E-05	6.05E-04	3.72E-08	14	4.71E-02	2.45E-08	1,000,000	2.45E-02
264	1.28673	5.2602E-05	6.77E-05	6.05E-04	4.10E-08	14	4.71E-02	2.70E-08	1,000,000	2.70E-02
265	1.26751	5.2602E-05	6.67E-05	6.05E-04	4.03E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
266	1.24195	5.2602E-05	6.53E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
267	1.21097	5.2602E-05	6.37E-05	6.05E-04	3.85E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02
268	1.17551	5.2602E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
269	1.13653	5.2602E-05	5.98E-05	6.05E-04	3.62E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
270	1.09525	5.2602E-05	5.76E-05	6.05E-04	3.49E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
271	1.20452	5.2602E-05	6.34E-05	6.05E-04	3.83E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
272	1.18607	5.2602E-05	6.24E-05	6.05E-04	3.78E-08	14	4.71E-02	2.49E-08	1,000,000	2.49E-02
273	1.16224	5.2602E-05	6.11E-05	6.05E-04	3.70E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
274	1.13379	5.2602E-05	5.96E-05	6.05E-04	3.61E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
275	1.10153	5.2602E-05	5.79E-05	6.05E-04	3.51E-08	14	4.71E-02	2.31E-08	1,000,000	2.31E-02
276	1.06643	5.2602E-05	5.61E-05	6.05E-04	3.39E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
277	1.02902	5.2602E-05	5.41E-05	6.05E-04	3.28E-08	14	4.71E-02	2.16E-08	1,000,000	2.16E-02
278	1.03876	5.2602E-05	5.46E-05	6.05E-04	3.31E-08	14	4.71E-02	2.18E-08	1,000,000	2.18E-02
279	1.07663	5.2602E-05	5.66E-05	6.05E-04	3.43E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02
280	1.17408	5.2602E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
281	1.16082	5.2602E-05	6.11E-05	6.05E-04	3.69E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
282	1.25617	5.2602E-05	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
283	1.07579	5.2602E-05	5.66E-05	6.05E-04	3.42E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	6.68095	5.2602E-05	3.51E-04	6.05E-04	2.13E-07	9	4.71E-02	9.12E-08	1,000,000	9.12E-02
27	7.39421	5.2602E-05	3.89E-04	6.05E-04	2.35E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01
28	8.19748	5.2602E-05	4.31E-04	6.05E-04	2.61E-07	9	4.71E-02	1.12E-07	1,000,000	1.12E-01
29	9.09062	5.2602E-05	4.78E-04	6.05E-04	2.89E-07	9	4.71E-02	1.24E-07	1,000,000	1.24E-01
30	10.07053	5.2602E-05	5.30E-04	6.05E-04	3.21E-07	9	4.71E-02	1.38E-07	1,000,000	1.38E-01
31	11.14532	5.2602E-05	5.86E-04	6.05E-04	3.55E-07	9	4.71E-02	1.52E-07	1,000,000	1.52E-01
32	12.34499	5.2602E-05	6.49E-04	6.05E-04	3.93E-07	9	4.71E-02	1.69E-07	1,000,000	1.69E-01
33	13.68964	5.2602E-05	7.20E-04	6.05E-04	4.36E-07	9	4.71E-02	1.87E-07	1,000,000	1.87E-01
34	15.11877	5.2602E-05	7.95E-04	6.05E-04	4.81E-07	9	4.71E-02	2.06E-07	1,000,000	2.06E-01
35	16.47438	5.2602E-05	8.67E-04	6.05E-04	5.24E-07	9	4.71E-02	2.25E-07	1,000,000	2.25E-01
36	17.56348	5.2602E-05	9.24E-04	6.05E-04	5.59E-07	9	4.71E-02	2.40E-07	1,000,000	2.40E-01
37	7.33532	5.2602E-05	3.86E-04	6.05E-04	2.33E-07	9	4.71E-02	1.00E-07	1,000,000	1.00E-01
38	8.19335	5.2602E-05	4.31E-04	6.05E-04	2.61E-07	9	4.71E-02	1.12E-07	1,000,000	1.12E-01
39	9.17792	5.2602E-05	4.83E-04	6.05E-04	2.92E-07	9	4.71E-02	1.25E-07	1,000,000	1.25E-01
40	10.29551	5.2602E-05	5.42E-04	6.05E-04	3.28E-07	9	4.71E-02	1.41E-07	1,000,000	1.41E-01
41	11.54408	5.2602E-05	6.07E-04	6.05E-04	3.67E-07	9	4.71E-02	1.58E-07	1,000,000	1.58E-01
42	12.92806	5.2602E-05	6.80E-04	6.05E-04	4.11E-07	9	4.71E-02	1.77E-07	1,000,000	1.77E-01
43	14.48306	5.2602E-05	7.62E-04	6.05E-04	4.61E-07	9	4.71E-02	1.98E-07	1,000,000	1.98E-01
44	16.24582	5.2602E-05	8.55E-04	6.05E-04	5.17E-07	9	4.71E-02	2.22E-07	1,000,000	2.22E-01
45	18.13862	5.2602E-05	9.54E-04	6.05E-04	5.77E-07	9	4.71E-02	2.48E-07	1,000,000	2.48E-01
46	19.91889	5.2602E-05	1.05E-03	6.05E-04	6.34E-07	9	4.71E-02	2.72E-07	1,000,000	2.72E-01
47	21.2838	5.2602E-05	1.12E-03	6.05E-04	6.77E-07	9	4.71E-02	2.91E-07	1,000,000	2.91E-01
48	8.07307	5.2602E-05	4.25E-04	6.05E-04	2.57E-07	9	4.71E-02	1.10E-07	1,000,000	1.10E-01
49	9.11208	5.2602E-05	4.79E-04	6.05E-04	2.90E-07	9	4.71E-02	1.24E-07	1,000,000	1.24E-01
50	10.32894	5.2602E-05	5.43E-04	6.05E-04	3.29E-07	9	4.71E-02	1.41E-07	1,000,000	1.41E-01
51	11.74421	5.2602E-05	6.18E-04	6.05E-04	3.74E-07	9	4.71E-02	1.60E-07	1,000,000	1.60E-01
52	13.36438	5.2602E-05	7.03E-04	6.05E-04	4.25E-07	9	4.71E-02	1.82E-07	1,000,000	1.82E-01
53	15.19114	5.2602E-05	7.99E-04	6.05E-04	4.84E-07	9	4.71E-02	2.07E-07	1,000,000	2.07E-01
54	17.26309	5.2602E-05	9.08E-04	6.05E-04	5.49E-07	9	4.71E-02	2.36E-07	1,000,000	2.36E-01
55	19.6427	5.2602E-05	1.03E-03	6.05E-04	6.25E-07	9	4.71E-02	2.68E-07	1,000,000	2.68E-01
56	22.23112	5.2602E-05	1.17E-03	6.05E-04	7.08E-07	9	4.71E-02	3.04E-07	1,000,000	3.04E-01
57	24.6377	5.2602E-05	1.30E-03	6.05E-04	7.84E-07	9	4.71E-02	3.36E-07	1,000,000	3.36E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	1.39E-03	6.05E-04	8.39E-07	9	4.71E-02	3.60E-07	1,000,000	3.60E-01
59	8.89859	5.2602E-05	4.68E-04	6.05E-04	2.83E-07	9	4.71E-02	1.22E-07	1,000,000	1.22E-01
60	10.16559	5.2602E-05	5.35E-04	6.05E-04	3.24E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01
61	11.68245	5.2602E-05	6.15E-04	6.05E-04	3.72E-07	9	4.71E-02	1.60E-07	1,000,000	1.60E-01
62	13.49584	5.2602E-05	7.10E-04	6.05E-04	4.30E-07	9	4.71E-02	1.84E-07	1,000,000	1.84E-01
63	15.63761	5.2602E-05	8.23E-04	6.05E-04	4.98E-07	9	4.71E-02	2.14E-07	1,000,000	2.14E-01
64	18.11715	5.2602E-05	9.53E-04	6.05E-04	5.77E-07	9	4.71E-02	2.47E-07	1,000,000	2.47E-01
65	20.97272	5.2602E-05	1.10E-03	6.05E-04	6.68E-07	9	4.71E-02	2.86E-07	1,000,000	2.86E-01
66	24.30398	5.2602E-05	1.28E-03	6.05E-04	7.74E-07	9	4.71E-02	3.32E-07	1,000,000	3.32E-01
67	27.98824	5.2602E-05	1.47E-03	6.05E-04	8.91E-07	9	4.71E-02	3.82E-07	1,000,000	3.82E-01
68	31.35793	5.2602E-05	1.65E-03	6.05E-04	9.98E-07	9	4.71E-02	4.28E-07	1,000,000	4.28E-01
69	33.5195	5.2602E-05	1.76E-03	6.05E-04	1.07E-06	9	4.71E-02	4.58E-07	1,000,000	4.58E-01
70	9.807	5.2602E-05	5.16E-04	6.05E-04	3.12E-07	9	4.71E-02	1.34E-07	1,000,000	1.34E-01
71	11.36228	5.2602E-05	5.98E-04	6.05E-04	3.62E-07	9	4.71E-02	1.55E-07	1,000,000	1.55E-01
72	13.26991	5.2602E-05	6.98E-04	6.05E-04	4.22E-07	9	4.71E-02	1.81E-07	1,000,000	1.81E-01
73	15.62062	5.2602E-05	8.22E-04	6.05E-04	4.97E-07	9	4.71E-02	2.13E-07	1,000,000	2.13E-01
74	18.50419	5.2602E-05	9.73E-04	6.05E-04	5.89E-07	9	4.71E-02	2.53E-07	1,000,000	2.53E-01
75	21.97421	5.2602E-05	1.16E-03	6.05E-04	6.99E-07	9	4.71E-02	3.00E-07	1,000,000	3.00E-01
76	26.07644	5.2602E-05	1.37E-03	6.05E-04	8.30E-07	9	4.71E-02	3.56E-07	1,000,000	3.56E-01
77	30.96045	5.2602E-05	1.63E-03	6.05E-04	9.85E-07	9	4.71E-02	4.23E-07	1,000,000	4.23E-01
78	36.48166	5.2602E-05	1.92E-03	6.05E-04	1.16E-06	9	4.71E-02	4.98E-07	1,000,000	4.98E-01
79	41.4091	5.2602E-05	2.18E-03	6.05E-04	1.32E-06	9	4.71E-02	5.65E-07	1,000,000	5.65E-01
80	44.01193	5.2602E-05	2.32E-03	6.05E-04	1.40E-06	9	4.71E-02	6.01E-07	1,000,000	6.01E-01
81	10.77626	5.2602E-05	5.67E-04	6.05E-04	3.43E-07	9	4.71E-02	1.47E-07	1,000,000	1.47E-01
82	12.69099	5.2602E-05	6.68E-04	6.05E-04	4.04E-07	9	4.71E-02	1.73E-07	1,000,000	1.73E-01
83	15.10855	5.2602E-05	7.95E-04	6.05E-04	4.81E-07	9	4.71E-02	2.06E-07	1,000,000	2.06E-01
84	18.19154	5.2602E-05	9.57E-04	6.05E-04	5.79E-07	9	4.71E-02	2.48E-07	1,000,000	2.48E-01
85	22.14291	5.2602E-05	1.16E-03	6.05E-04	7.05E-07	9	4.71E-02	3.02E-07	1,000,000	3.02E-01
86	27.15516	5.2602E-05	1.43E-03	6.05E-04	8.64E-07	9	4.71E-02	3.71E-07	1,000,000	3.71E-01
87	33.35361	5.2602E-05	1.75E-03	6.05E-04	1.06E-06	9	4.71E-02	4.55E-07	1,000,000	4.55E-01
88	40.9628	5.2602E-05	2.15E-03	6.05E-04	1.30E-06	9	4.71E-02	5.59E-07	1,000,000	5.59E-01
89	49.82536	5.2602E-05	2.62E-03	6.05E-04	1.59E-06	9	4.71E-02	6.80E-07	1,000,000	6.80E-01
90	57.42761	5.2602E-05	3.02E-03	6.05E-04	1.83E-06	9	4.71E-02	7.84E-07	1,000,000	7.84E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	3.16E-03	6.05E-04	1.91E-06	9	4.71E-02	8.20E-07	1,000,000	8.20E-01
92	11.76246	5.2602E-05	6.19E-04	6.05E-04	3.74E-07	9	4.71E-02	1.61E-07	1,000,000	1.61E-01
93	14.10394	5.2602E-05	7.42E-04	6.05E-04	4.49E-07	9	4.71E-02	1.93E-07	1,000,000	1.93E-01
94	17.17037	5.2602E-05	9.03E-04	6.05E-04	5.46E-07	9	4.71E-02	2.34E-07	1,000,000	2.34E-01
95	21.24938	5.2602E-05	1.12E-03	6.05E-04	6.76E-07	9	4.71E-02	2.90E-07	1,000,000	2.90E-01
96	26.75425	5.2602E-05	1.41E-03	6.05E-04	8.52E-07	9	4.71E-02	3.65E-07	1,000,000	3.65E-01
97	34.22216	5.2602E-05	1.80E-03	6.05E-04	1.09E-06	9	4.71E-02	4.67E-07	1,000,000	4.67E-01
98	44.15774	5.2602E-05	2.32E-03	6.05E-04	1.41E-06	9	4.71E-02	6.03E-07	1,000,000	6.03E-01
99	57.03012	5.2602E-05	3.00E-03	6.05E-04	1.82E-06	9	4.71E-02	7.79E-07	1,000,000	7.79E-01
100	72.6934	5.2602E-05	3.82E-03	6.05E-04	2.31E-06	9	4.71E-02	9.93E-07	1,000,000	9.93E-01
101	85.20727	5.2602E-05	4.48E-03	6.05E-04	2.71E-06	9	4.71E-02	1.16E-06	1,000,000	1.16E+00
102	85.47702	5.2602E-05	4.50E-03	6.05E-04	2.72E-06	9	4.71E-02	1.17E-06	1,000,000	1.17E+00
103	23.89039	5.2602E-05	1.26E-03	6.05E-04	7.60E-07	9	4.71E-02	3.26E-07	1,000,000	3.26E-01
104	31.05291	5.2602E-05	1.63E-03	6.05E-04	9.88E-07	9	4.71E-02	4.24E-07	1,000,000	4.24E-01
105	42.95874	5.2602E-05	2.26E-03	6.05E-04	1.37E-06	9	4.71E-02	5.87E-07	1,000,000	5.87E-01
106	59.0771	5.2602E-05	3.11E-03	6.05E-04	1.88E-06	9	4.71E-02	8.07E-07	1,000,000	8.07E-01
107	85.24166	5.2602E-05	4.48E-03	6.05E-04	2.71E-06	9	4.71E-02	1.16E-06	1,000,000	1.16E+00
108	117.2212	5.2602E-05	6.17E-03	6.05E-04	3.73E-06	9	4.71E-02	1.60E-06	1,000,000	1.60E+00
109	139.1875	5.2602E-05	7.32E-03	6.05E-04	4.43E-06	9	4.71E-02	1.90E-06	1,000,000	1.90E+00
110	125.9598	5.2602E-05	6.63E-03	6.05E-04	4.01E-06	9	4.71E-02	1.72E-06	1,000,000	1.72E+00
111	18.94091	5.2602E-05	9.96E-04	6.05E-04	6.03E-07	9	4.71E-02	2.59E-07	1,000,000	2.59E-01
112	14.93328	5.2602E-05	7.86E-04	6.05E-04	4.75E-07	9	4.71E-02	2.04E-07	1,000,000	2.04E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	5.26E-05	2.40E-05	2.50E-04	6.01E-09	14	1.15E-02	9.65E-10	1000000.0	9.6E-04
2	0.48248	5.2602E-05	2.54E-05	2.50E-04	6.35E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
3	0.51192	5.2602E-05	2.69E-05	2.50E-04	6.74E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
4	0.54396	5.2602E-05	2.86E-05	2.50E-04	7.16E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
5	0.58001	5.2602E-05	3.05E-05	2.50E-04	7.64E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
6	0.45354	5.2602E-05	2.39E-05	2.50E-04	5.97E-09	14	1.15E-02	9.59E-10	1,000,000	9.59E-04
7	0.47961	5.2602E-05	2.52E-05	2.50E-04	6.31E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
8	0.50863	5.2602E-05	2.68E-05	2.50E-04	6.70E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
9	0.54157	5.2602E-05	2.85E-05	2.50E-04	7.13E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
10	0.57764	5.2602E-05	3.04E-05	2.50E-04	7.60E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
11	0.45065	5.2602E-05	2.37E-05	2.50E-04	5.93E-09	14	1.15E-02	9.53E-10	1,000,000	9.53E-04
12	0.47684	5.2602E-05	2.51E-05	2.50E-04	6.28E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
13	0.5061	5.2602E-05	2.66E-05	2.50E-04	6.66E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
14	0.5394	5.2602E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
15	0.57574	5.2602E-05	3.03E-05	2.50E-04	7.58E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
16	0.44811	5.2602E-05	2.36E-05	2.50E-04	5.90E-09	14	1.15E-02	9.47E-10	1,000,000	9.47E-04
17	0.47465	5.2602E-05	2.50E-05	2.50E-04	6.25E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
18	0.50398	5.2602E-05	2.65E-05	2.50E-04	6.63E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
19	0.53635	5.2602E-05	2.82E-05	2.50E-04	7.06E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
20	0.57312	5.2602E-05	3.01E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
21	0.44612	5.2602E-05	2.35E-05	2.50E-04	5.87E-09	14	1.15E-02	9.43E-10	1,000,000	9.43E-04
22	0.47271	5.2602E-05	2.49E-05	2.50E-04	6.22E-09	14	1.15E-02	9.99E-10	1,000,000	9.99E-04
23	0.50228	5.2602E-05	2.64E-05	2.50E-04	6.61E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
24	0.535	5.2602E-05	2.81E-05	2.50E-04	7.04E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
25	0.57105	5.2602E-05	3.00E-05	2.50E-04	7.52E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
113	3.11657	5.2602E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
114	2.78362	5.2602E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.89E-09	1,000,000	5.89E-03
115	2.49949	5.2602E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
116	2.25599	5.2602E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
117	3.20449	5.2602E-05	1.69E-04	2.50E-04	4.22E-08	14	1.15E-02	6.78E-09	1,000,000	6.78E-03
118	2.84805	5.2602E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
119	2.54741	5.2602E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
121	3.2798	5.2602E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
122	2.90271	5.2602E-05	1.53E-04	2.50E-04	3.82E-08	14	1.15E-02	6.14E-09	1,000,000	6.14E-03
123	2.58791	5.2602E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.47E-09	1,000,000	5.47E-03
124	2.32281	5.2602E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
125	3.34237	5.2602E-05	1.76E-04	2.50E-04	4.40E-08	14	1.15E-02	7.07E-09	1,000,000	7.07E-03
126	2.94814	5.2602E-05	1.55E-04	2.50E-04	3.88E-08	14	1.15E-02	6.23E-09	1,000,000	6.23E-03
127	2.62177	5.2602E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
128	2.34867	5.2602E-05	1.24E-04	2.50E-04	3.09E-08	14	1.15E-02	4.97E-09	1,000,000	4.97E-03
129	3.39312	5.2602E-05	1.78E-04	2.50E-04	4.47E-08	14	1.15E-02	7.17E-09	1,000,000	7.17E-03
130	2.98513	5.2602E-05	1.57E-04	2.50E-04	3.93E-08	14	1.15E-02	6.31E-09	1,000,000	6.31E-03
131	2.64935	5.2602E-05	1.39E-04	2.50E-04	3.49E-08	14	1.15E-02	5.60E-09	1,000,000	5.60E-03
132	2.36957	5.2602E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.01E-09	1,000,000	5.01E-03
133	3.43208	5.2602E-05	1.81E-04	2.50E-04	4.52E-08	14	1.15E-02	7.26E-09	1,000,000	7.26E-03
134	3.01301	5.2602E-05	1.58E-04	2.50E-04	3.97E-08	14	1.15E-02	6.37E-09	1,000,000	6.37E-03
135	2.66953	5.2602E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
136	2.38425	5.2602E-05	1.25E-04	2.50E-04	3.14E-08	14	1.15E-02	5.04E-09	1,000,000	5.04E-03
137	3.45706	5.2602E-05	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
138	2.68067	5.2602E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.67E-09	1,000,000	5.67E-03
139	2.39154	5.2602E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
140	3.42744	5.2602E-05	1.80E-04	2.50E-04	4.51E-08	14	1.15E-02	7.25E-09	1,000,000	7.25E-03
141	3.00052	5.2602E-05	1.58E-04	2.50E-04	3.95E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
142	2.65294	5.2602E-05	1.40E-04	2.50E-04	3.49E-08	14	1.15E-02	5.61E-09	1,000,000	5.61E-03
143	2.36578	5.2602E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
144	3.37141	5.2602E-05	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
145	2.9557	5.2602E-05	1.55E-04	2.50E-04	3.89E-08	14	1.15E-02	6.25E-09	1,000,000	6.25E-03
146	2.61646	5.2602E-05	1.38E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03
147	2.33564	5.2602E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
148	3.28504	5.2602E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.95E-09	1,000,000	6.95E-03
149	2.88821	5.2602E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
150	2.56254	5.2602E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.42E-09	1,000,000	5.42E-03
151	2.29176	5.2602E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
152	3.16411	5.2602E-05	1.66E-04	2.50E-04	4.17E-08	14	1.15E-02	6.69E-09	1,000,000	6.69E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	1.47E-04	2.50E-04	3.68E-08	14	1.15E-02	5.91E-09	1,000,000	5.91E-03
154	2.49057	5.2602E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.27E-09	1,000,000	5.27E-03
155	2.23421	5.2602E-05	1.18E-04	2.50E-04	2.94E-08	14	1.15E-02	4.72E-09	1,000,000	4.72E-03
156	3.00074	5.2602E-05	1.58E-04	2.50E-04	3.95E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
157	2.67432	5.2602E-05	1.41E-04	2.50E-04	3.52E-08	14	1.15E-02	5.65E-09	1,000,000	5.65E-03
158	2.39747	5.2602E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
159	2.16138	5.2602E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
160	2.79134	5.2602E-05	1.47E-04	2.50E-04	3.67E-08	14	1.15E-02	5.90E-09	1,000,000	5.90E-03
161	2.51735	5.2602E-05	1.32E-04	2.50E-04	3.31E-08	14	1.15E-02	5.32E-09	1,000,000	5.32E-03
162	2.2782	5.2602E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.82E-09	1,000,000	4.82E-03
163	2.0689	5.2602E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
164	2.54902	5.2602E-05	1.34E-04	2.50E-04	3.36E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03
165	2.32893	5.2602E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.92E-09	1,000,000	4.92E-03
166	2.12974	5.2602E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
167	1.95301	5.2602E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
168	2.30211	5.2602E-05	1.21E-04	2.50E-04	3.03E-08	14	1.15E-02	4.87E-09	1,000,000	4.87E-03
169	2.12568	5.2602E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.49E-09	1,000,000	4.49E-03
170	1.96459	5.2602E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
171	1.82039	5.2602E-05	9.58E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
172	2.07862	5.2602E-05	1.09E-04	2.50E-04	2.74E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
173	1.92992	5.2602E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
174	1.79713	5.2602E-05	9.45E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
175	1.6789	5.2602E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
176	1.89272	5.2602E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
177	1.75851	5.2602E-05	9.25E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
178	1.6422	5.2602E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
179	1.54133	5.2602E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
180	1.74361	5.2602E-05	9.17E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
181	1.61672	5.2602E-05	8.50E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
182	1.5092	5.2602E-05	7.94E-05	2.50E-04	1.99E-08	14	1.15E-02	3.19E-09	1,000,000	3.19E-03
183	1.41798	5.2602E-05	7.46E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
184	2.4771	5.2602E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
185	2.01587	5.2602E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.26E-09	1,000,000	4.26E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
187	1.69393	5.2602E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
188	1.568	5.2602E-05	8.25E-05	2.50E-04	2.06E-08	14	1.15E-02	3.32E-09	1,000,000	3.32E-03
189	2.0487	5.2602E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
190	1.87326	5.2602E-05	9.85E-05	2.50E-04	2.47E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
191	1.71807	5.2602E-05	9.04E-05	2.50E-04	2.26E-08	14	1.15E-02	3.63E-09	1,000,000	3.63E-03
192	1.58219	5.2602E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
193	1.46326	5.2602E-05	7.70E-05	2.50E-04	1.93E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03
194	1.89537	5.2602E-05	9.97E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
195	1.7441	5.2602E-05	9.17E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
196	1.60729	5.2602E-05	8.45E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
197	1.48378	5.2602E-05	7.80E-05	2.50E-04	1.95E-08	14	1.15E-02	3.14E-09	1,000,000	3.14E-03
198	1.37542	5.2602E-05	7.23E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
199	1.75648	5.2602E-05	9.24E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
200	1.62585	5.2602E-05	8.55E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
201	1.50572	5.2602E-05	7.92E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
202	1.39624	5.2602E-05	7.34E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
203	1.29779	5.2602E-05	6.83E-05	2.50E-04	1.71E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
204	2.19334	5.2602E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
205	1.63062	5.2602E-05	8.58E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
206	1.51741	5.2602E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
207	1.41165	5.2602E-05	7.43E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
208	1.31556	5.2602E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
209	2.0009	5.2602E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
210	1.86405	5.2602E-05	9.81E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
211	1.7383	5.2602E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
212	1.62314	5.2602E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
213	1.51671	5.2602E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
214	1.4174	5.2602E-05	7.46E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
215	1.32537	5.2602E-05	6.97E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
216	1.9116	5.2602E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
217	1.79592	5.2602E-05	9.45E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
218	1.68552	5.2602E-05	8.87E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.33E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
220	1.48906	5.2602E-05	7.83E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
221	1.40081	5.2602E-05	7.37E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
222	1.753	5.2602E-05	9.22E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
223	1.65213	5.2602E-05	8.69E-05	2.50E-04	2.18E-08	14	1.15E-02	3.49E-09	1,000,000	3.49E-03
224	1.55691	5.2602E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
225	1.46829	5.2602E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
226	1.38443	5.2602E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
227	1.61407	5.2602E-05	8.49E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
228	1.52589	5.2602E-05	8.03E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
229	1.44307	5.2602E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
230	1.36411	5.2602E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
231	1.49154	5.2602E-05	7.85E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
232	1.41491	5.2602E-05	7.44E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
233	1.3418	5.2602E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
234	1.27204	5.2602E-05	6.69E-05	2.50E-04	1.67E-08	14	1.15E-02	2.69E-09	1,000,000	2.69E-03
235	1.38378	5.2602E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
236	1.31628	5.2602E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
237	1.251	5.2602E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
238	1.18953	5.2602E-05	6.26E-05	2.50E-04	1.57E-08	14	1.15E-02	2.52E-09	1,000,000	2.52E-03
239	1.28812	5.2602E-05	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.72E-09	1,000,000	2.72E-03
240	1.22807	5.2602E-05	6.46E-05	2.50E-04	1.62E-08	14	1.15E-02	2.60E-09	1,000,000	2.60E-03
241	1.16985	5.2602E-05	6.15E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
242	1.11522	5.2602E-05	5.87E-05	2.50E-04	1.47E-08	14	1.15E-02	2.36E-09	1,000,000	2.36E-03
243	1.59373	5.2602E-05	8.38E-05	2.50E-04	2.10E-08	14	1.15E-02	3.37E-09	1,000,000	3.37E-03
244	1.57332	5.2602E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
245	1.54215	5.2602E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
246	1.50156	5.2602E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
247	1.45282	5.2602E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
248	1.39917	5.2602E-05	7.36E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
249	1.34208	5.2602E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
250	1.47969	5.2602E-05	7.78E-05	2.50E-04	1.95E-08	14	1.15E-02	3.13E-09	1,000,000	3.13E-03
251	1.45948	5.2602E-05	7.68E-05	2.50E-04	1.92E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.52E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
253	1.39323	5.2602E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
254	1.34937	5.2602E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
255	1.30143	5.2602E-05	6.85E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
256	1.25003	5.2602E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
257	1.37783	5.2602E-05	7.25E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
258	1.3581	5.2602E-05	7.14E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
259	1.33081	5.2602E-05	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
260	1.29696	5.2602E-05	6.82E-05	2.50E-04	1.71E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
261	1.25737	5.2602E-05	6.61E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
262	1.21427	5.2602E-05	6.39E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
263	1.16841	5.2602E-05	6.15E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
264	1.28673	5.2602E-05	6.77E-05	2.50E-04	1.69E-08	14	1.15E-02	2.72E-09	1,000,000	2.72E-03
265	1.26751	5.2602E-05	6.67E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
266	1.24195	5.2602E-05	6.53E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
267	1.21097	5.2602E-05	6.37E-05	2.50E-04	1.59E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
268	1.17551	5.2602E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.49E-09	1,000,000	2.49E-03
269	1.13653	5.2602E-05	5.98E-05	2.50E-04	1.50E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
270	1.09525	5.2602E-05	5.76E-05	2.50E-04	1.44E-08	14	1.15E-02	2.32E-09	1,000,000	2.32E-03
271	1.20452	5.2602E-05	6.34E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
272	1.18607	5.2602E-05	6.24E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
273	1.16224	5.2602E-05	6.11E-05	2.50E-04	1.53E-08	14	1.15E-02	2.46E-09	1,000,000	2.46E-03
274	1.13379	5.2602E-05	5.96E-05	2.50E-04	1.49E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
275	1.10153	5.2602E-05	5.79E-05	2.50E-04	1.45E-08	14	1.15E-02	2.33E-09	1,000,000	2.33E-03
276	1.06643	5.2602E-05	5.61E-05	2.50E-04	1.40E-08	14	1.15E-02	2.25E-09	1,000,000	2.25E-03
277	1.02902	5.2602E-05	5.41E-05	2.50E-04	1.35E-08	14	1.15E-02	2.18E-09	1,000,000	2.18E-03
278	1.03876	5.2602E-05	5.46E-05	2.50E-04	1.37E-08	14	1.15E-02	2.20E-09	1,000,000	2.20E-03
279	1.07663	5.2602E-05	5.66E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
280	1.17408	5.2602E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
281	1.16082	5.2602E-05	6.11E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
282	1.25617	5.2602E-05	6.61E-05	2.50E-04	1.65E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
283	1.07579	5.2602E-05	5.66E-05	2.50E-04	1.42E-08	14	1.15E-02	2.27E-09	1,000,000	2.27E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	6.68095	5.2602E-05	3.51E-04	2.50E-04	8.80E-08	29	1.15E-02	2.96E-08	1,000,000	2.96E-02
27	7.39421	5.2602E-05	3.89E-04	2.50E-04	9.73E-08	29	1.15E-02	3.28E-08	1,000,000	3.28E-02
28	8.19748	5.2602E-05	4.31E-04	2.50E-04	1.08E-07	29	1.15E-02	3.63E-08	1,000,000	3.63E-02
29	9.09062	5.2602E-05	4.78E-04	2.50E-04	1.20E-07	29	1.15E-02	4.03E-08	1,000,000	4.03E-02
30	10.07053	5.2602E-05	5.30E-04	2.50E-04	1.33E-07	29	1.15E-02	4.46E-08	1,000,000	4.46E-02
31	11.14532	5.2602E-05	5.86E-04	2.50E-04	1.47E-07	29	1.15E-02	4.94E-08	1,000,000	4.94E-02
32	12.34499	5.2602E-05	6.49E-04	2.50E-04	1.63E-07	29	1.15E-02	5.47E-08	1,000,000	5.47E-02
33	13.68964	5.2602E-05	7.20E-04	2.50E-04	1.80E-07	29	1.15E-02	6.07E-08	1,000,000	6.07E-02
34	15.11877	5.2602E-05	7.95E-04	2.50E-04	1.99E-07	29	1.15E-02	6.70E-08	1,000,000	6.70E-02
35	16.47438	5.2602E-05	8.67E-04	2.50E-04	2.17E-07	29	1.15E-02	7.30E-08	1,000,000	7.30E-02
36	17.56348	5.2602E-05	9.24E-04	2.50E-04	2.31E-07	29	1.15E-02	7.78E-08	1,000,000	7.78E-02
37	7.33532	5.2602E-05	3.86E-04	2.50E-04	9.66E-08	29	1.15E-02	3.25E-08	1,000,000	3.25E-02
38	8.19335	5.2602E-05	4.31E-04	2.50E-04	1.08E-07	29	1.15E-02	3.63E-08	1,000,000	3.63E-02
39	9.17792	5.2602E-05	4.83E-04	2.50E-04	1.21E-07	29	1.15E-02	4.07E-08	1,000,000	4.07E-02
40	10.29551	5.2602E-05	5.42E-04	2.50E-04	1.36E-07	29	1.15E-02	4.56E-08	1,000,000	4.56E-02
41	11.54408	5.2602E-05	6.07E-04	2.50E-04	1.52E-07	29	1.15E-02	5.12E-08	1,000,000	5.12E-02
42	12.92806	5.2602E-05	6.80E-04	2.50E-04	1.70E-07	29	1.15E-02	5.73E-08	1,000,000	5.73E-02
43	14.48306	5.2602E-05	7.62E-04	2.50E-04	1.91E-07	29	1.15E-02	6.42E-08	1,000,000	6.42E-02
44	16.24582	5.2602E-05	8.55E-04	2.50E-04	2.14E-07	29	1.15E-02	7.20E-08	1,000,000	7.20E-02
45	18.13862	5.2602E-05	9.54E-04	2.50E-04	2.39E-07	29	1.15E-02	8.04E-08	1,000,000	8.04E-02
46	19.91889	5.2602E-05	1.05E-03	2.50E-04	2.62E-07	29	1.15E-02	8.83E-08	1,000,000	8.83E-02
47	21.2838	5.2602E-05	1.12E-03	2.50E-04	2.80E-07	29	1.15E-02	9.43E-08	1,000,000	9.43E-02
48	8.07307	5.2602E-05	4.25E-04	2.50E-04	1.06E-07	29	1.15E-02	3.58E-08	1,000,000	3.58E-02
49	9.11208	5.2602E-05	4.79E-04	2.50E-04	1.20E-07	29	1.15E-02	4.04E-08	1,000,000	4.04E-02
50	10.32894	5.2602E-05	5.43E-04	2.50E-04	1.36E-07	29	1.15E-02	4.58E-08	1,000,000	4.58E-02
51	11.74421	5.2602E-05	6.18E-04	2.50E-04	1.55E-07	29	1.15E-02	5.21E-08	1,000,000	5.21E-02
52	13.36438	5.2602E-05	7.03E-04	2.50E-04	1.76E-07	29	1.15E-02	5.92E-08	1,000,000	5.92E-02
53	15.19114	5.2602E-05	7.99E-04	2.50E-04	2.00E-07	29	1.15E-02	6.73E-08	1,000,000	6.73E-02
54	17.26309	5.2602E-05	9.08E-04	2.50E-04	2.27E-07	29	1.15E-02	7.65E-08	1,000,000	7.65E-02
55	19.6427	5.2602E-05	1.03E-03	2.50E-04	2.59E-07	29	1.15E-02	8.71E-08	1,000,000	8.71E-02
56	22.23112	5.2602E-05	1.17E-03	2.50E-04	2.93E-07	29	1.15E-02	9.85E-08	1,000,000	9.85E-02
57	24.6377	5.2602E-05	1.30E-03	2.50E-04	3.24E-07	29	1.15E-02	1.09E-07	1,000,000	1.09E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	1.39E-03	2.50E-04	3.47E-07	29	1.15E-02	1.17E-07	1,000,000	1.17E-01
59	8.89859	5.2602E-05	4.68E-04	2.50E-04	1.17E-07	29	1.15E-02	3.94E-08	1,000,000	3.94E-02
60	10.16559	5.2602E-05	5.35E-04	2.50E-04	1.34E-07	29	1.15E-02	4.51E-08	1,000,000	4.51E-02
61	11.68245	5.2602E-05	6.15E-04	2.50E-04	1.54E-07	29	1.15E-02	5.18E-08	1,000,000	5.18E-02
62	13.49584	5.2602E-05	7.10E-04	2.50E-04	1.78E-07	29	1.15E-02	5.98E-08	1,000,000	5.98E-02
63	15.63761	5.2602E-05	8.23E-04	2.50E-04	2.06E-07	29	1.15E-02	6.93E-08	1,000,000	6.93E-02
64	18.11715	5.2602E-05	9.53E-04	2.50E-04	2.39E-07	29	1.15E-02	8.03E-08	1,000,000	8.03E-02
65	20.97272	5.2602E-05	1.10E-03	2.50E-04	2.76E-07	29	1.15E-02	9.30E-08	1,000,000	9.30E-02
66	24.30398	5.2602E-05	1.28E-03	2.50E-04	3.20E-07	29	1.15E-02	1.08E-07	1,000,000	1.08E-01
67	27.98824	5.2602E-05	1.47E-03	2.50E-04	3.68E-07	29	1.15E-02	1.24E-07	1,000,000	1.24E-01
68	31.35793	5.2602E-05	1.65E-03	2.50E-04	4.13E-07	29	1.15E-02	1.39E-07	1,000,000	1.39E-01
69	33.5195	5.2602E-05	1.76E-03	2.50E-04	4.41E-07	29	1.15E-02	1.49E-07	1,000,000	1.49E-01
70	9.807	5.2602E-05	5.16E-04	2.50E-04	1.29E-07	29	1.15E-02	4.35E-08	1,000,000	4.35E-02
71	11.36228	5.2602E-05	5.98E-04	2.50E-04	1.50E-07	29	1.15E-02	5.04E-08	1,000,000	5.04E-02
72	13.26991	5.2602E-05	6.98E-04	2.50E-04	1.75E-07	29	1.15E-02	5.88E-08	1,000,000	5.88E-02
73	15.62062	5.2602E-05	8.22E-04	2.50E-04	2.06E-07	29	1.15E-02	6.92E-08	1,000,000	6.92E-02
74	18.50419	5.2602E-05	9.73E-04	2.50E-04	2.44E-07	29	1.15E-02	8.20E-08	1,000,000	8.20E-02
75	21.97421	5.2602E-05	1.16E-03	2.50E-04	2.89E-07	29	1.15E-02	9.74E-08	1,000,000	9.74E-02
76	26.07644	5.2602E-05	1.37E-03	2.50E-04	3.43E-07	29	1.15E-02	1.16E-07	1,000,000	1.16E-01
77	30.96045	5.2602E-05	1.63E-03	2.50E-04	4.08E-07	29	1.15E-02	1.37E-07	1,000,000	1.37E-01
78	36.48166	5.2602E-05	1.92E-03	2.50E-04	4.80E-07	29	1.15E-02	1.62E-07	1,000,000	1.62E-01
79	41.4091	5.2602E-05	2.18E-03	2.50E-04	5.45E-07	29	1.15E-02	1.84E-07	1,000,000	1.84E-01
80	44.01193	5.2602E-05	2.32E-03	2.50E-04	5.79E-07	29	1.15E-02	1.95E-07	1,000,000	1.95E-01
81	10.77626	5.2602E-05	5.67E-04	2.50E-04	1.42E-07	29	1.15E-02	4.78E-08	1,000,000	4.78E-02
82	12.69099	5.2602E-05	6.68E-04	2.50E-04	1.67E-07	29	1.15E-02	5.63E-08	1,000,000	5.63E-02
83	15.10855	5.2602E-05	7.95E-04	2.50E-04	1.99E-07	29	1.15E-02	6.70E-08	1,000,000	6.70E-02
84	18.19154	5.2602E-05	9.57E-04	2.50E-04	2.39E-07	29	1.15E-02	8.06E-08	1,000,000	8.06E-02
85	22.14291	5.2602E-05	1.16E-03	2.50E-04	2.92E-07	29	1.15E-02	9.81E-08	1,000,000	9.81E-02
86	27.15516	5.2602E-05	1.43E-03	2.50E-04	3.57E-07	29	1.15E-02	1.20E-07	1,000,000	1.20E-01
87	33.35361	5.2602E-05	1.75E-03	2.50E-04	4.39E-07	29	1.15E-02	1.48E-07	1,000,000	1.48E-01
88	40.9628	5.2602E-05	2.15E-03	2.50E-04	5.39E-07	29	1.15E-02	1.82E-07	1,000,000	1.82E-01
89	49.82536	5.2602E-05	2.62E-03	2.50E-04	6.56E-07	29	1.15E-02	2.21E-07	1,000,000	2.21E-01
90	57.42761	5.2602E-05	3.02E-03	2.50E-04	7.56E-07	29	1.15E-02	2.55E-07	1,000,000	2.55E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	3.16E-03	2.50E-04	7.90E-07	29	1.15E-02	2.66E-07	1,000,000	2.66E-01
92	11.76246	5.2602E-05	6.19E-04	2.50E-04	1.55E-07	29	1.15E-02	5.21E-08	1,000,000	5.21E-02
93	14.10394	5.2602E-05	7.42E-04	2.50E-04	1.86E-07	29	1.15E-02	6.25E-08	1,000,000	6.25E-02
94	17.17037	5.2602E-05	9.03E-04	2.50E-04	2.26E-07	29	1.15E-02	7.61E-08	1,000,000	7.61E-02
95	21.24938	5.2602E-05	1.12E-03	2.50E-04	2.80E-07	29	1.15E-02	9.42E-08	1,000,000	9.42E-02
96	26.75425	5.2602E-05	1.41E-03	2.50E-04	3.52E-07	29	1.15E-02	1.19E-07	1,000,000	1.19E-01
97	34.22216	5.2602E-05	1.80E-03	2.50E-04	4.51E-07	29	1.15E-02	1.52E-07	1,000,000	1.52E-01
98	44.15774	5.2602E-05	2.32E-03	2.50E-04	5.81E-07	29	1.15E-02	1.96E-07	1,000,000	1.96E-01
99	57.03012	5.2602E-05	3.00E-03	2.50E-04	7.51E-07	29	1.15E-02	2.53E-07	1,000,000	2.53E-01
100	72.6934	5.2602E-05	3.82E-03	2.50E-04	9.57E-07	29	1.15E-02	3.22E-07	1,000,000	3.22E-01
101	85.20727	5.2602E-05	4.48E-03	2.50E-04	1.12E-06	29	1.15E-02	3.78E-07	1,000,000	3.78E-01
102	85.47702	5.2602E-05	4.50E-03	2.50E-04	1.13E-06	29	1.15E-02	3.79E-07	1,000,000	3.79E-01
103	23.89039	5.2602E-05	1.26E-03	2.50E-04	3.15E-07	29	1.15E-02	1.06E-07	1,000,000	1.06E-01
104	31.05291	5.2602E-05	1.63E-03	2.50E-04	4.09E-07	29	1.15E-02	1.38E-07	1,000,000	1.38E-01
105	42.95874	5.2602E-05	2.26E-03	2.50E-04	5.66E-07	29	1.15E-02	1.90E-07	1,000,000	1.90E-01
106	59.0771	5.2602E-05	3.11E-03	2.50E-04	7.78E-07	29	1.15E-02	2.62E-07	1,000,000	2.62E-01
107	85.24166	5.2602E-05	4.48E-03	2.50E-04	1.12E-06	29	1.15E-02	3.78E-07	1,000,000	3.78E-01
108	117.2212	5.2602E-05	6.17E-03	2.50E-04	1.54E-06	29	1.15E-02	5.20E-07	1,000,000	5.20E-01
109	139.1875	5.2602E-05	7.32E-03	2.50E-04	1.83E-06	29	1.15E-02	6.17E-07	1,000,000	6.17E-01
110	125.9598	5.2602E-05	6.63E-03	2.50E-04	1.66E-06	29	1.15E-02	5.58E-07	1,000,000	5.58E-01
111	18.94091	5.2602E-05	9.96E-04	2.50E-04	2.49E-07	29	1.15E-02	8.40E-08	1,000,000	8.40E-02
112	14.93328	5.2602E-05	7.86E-04	2.50E-04	1.97E-07	29	1.15E-02	6.62E-08	1,000,000	6.62E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	1.6E-02	School	1.9005	109	5	1.44E-05	0.00439	109	School
2	1.7E-02	Res	0.1203	137	5	1.52E-05	0.0001	137	Res
3	1.8E-02	Teachers	0.617	109	5	1.62E-05	0.00439	109	Teachers
4	1.9E-02				5	1.72E-05			
5	2.0E-02				5	1.83E-05			
6	1.6E-02				5	1.43E-05			
7	1.7E-02				5	1.51E-05			
8	1.8E-02				5	1.61E-05			
9	1.9E-02				5	1.71E-05			
10	2.0E-02				5	1.82E-05			
11	1.6E-02				5	1.42E-05			
12	1.7E-02				5	1.50E-05			
13	1.8E-02				5	1.60E-05			
14	1.9E-02				5	1.70E-05			
15	2.0E-02				5	1.82E-05			
16	1.6E-02				5	1.41E-05			
17	1.7E-02				5	1.50E-05			
18	1.8E-02				5	1.59E-05			
19	1.9E-02				5	1.69E-05			
20	2.0E-02				5	1.81E-05			
21	1.6E-02				5	1.41E-05			
22	1.6E-02				5	1.49E-05			
23	1.7E-02				5	1.59E-05			
24	1.9E-02				5	1.69E-05			
25	2.0E-02				5	1.80E-05			
113	1.1E-01				5	9.84E-05			
114	9.7E-02				5	8.79E-05			
115	8.7E-02				5	7.89E-05			
116	7.8E-02				5	7.12E-05			
117	1.1E-01				5	1.01E-04			
118	9.9E-02				5	8.99E-05			
119	8.9E-02				5	8.04E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	8.0E-02				5	7.23E-05		
121	1.1E-01				5	1.04E-04		
122	1.0E-01				5	9.16E-05		
123	9.0E-02				5	8.17E-05		
124	8.1E-02				5	7.33E-05		
125	1.2E-01				5	1.05E-04		
126	1.0E-01				5	9.30E-05		
127	9.1E-02				5	8.27E-05		
128	8.2E-02				5	7.41E-05		
129	1.2E-01				5	1.07E-04		
130	1.0E-01				5	9.42E-05		
131	9.2E-02				5	8.36E-05		
132	8.2E-02				5	7.48E-05		
133	1.2E-01				5	1.08E-04		
134	1.0E-01				5	9.51E-05		
135	9.3E-02				5	8.43E-05		
136	8.3E-02				5	7.52E-05		
137	1.2E-01				5	1.09E-04		
138	9.3E-02				5	8.46E-05		
139	8.3E-02				5	7.55E-05		
140	1.2E-01				5	1.08E-04		
141	1.0E-01				5	9.47E-05		
142	9.2E-02				5	8.37E-05		
143	8.2E-02				5	7.47E-05		
144	1.2E-01				5	1.06E-04		
145	1.0E-01				5	9.33E-05		
146	9.1E-02				5	8.26E-05		
147	8.1E-02				5	7.37E-05		
148	1.1E-01				5	1.04E-04		
149	1.0E-01				5	9.12E-05		
150	8.9E-02				5	8.09E-05		
151	8.0E-02				5	7.23E-05		
152	1.1E-01				5	9.99E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	9.7E-02				5	8.82E-05		
154	8.7E-02				5	7.86E-05		
155	7.8E-02				5	7.05E-05		
156	1.0E-01				5	9.47E-05		
157	9.3E-02				5	8.44E-05		
158	8.3E-02				5	7.57E-05		
159	7.5E-02				5	6.82E-05		
160	9.7E-02				5	8.81E-05		
161	8.8E-02				5	7.95E-05		
162	7.9E-02				5	7.19E-05		
163	7.2E-02				5	6.53E-05		
164	8.9E-02				5	8.05E-05		
165	8.1E-02				5	7.35E-05		
166	7.4E-02				5	6.72E-05		
167	6.8E-02				5	6.16E-05		
168	8.0E-02				5	7.27E-05		
169	7.4E-02				5	6.71E-05		
170	6.8E-02				5	6.20E-05		
171	6.3E-02				5	5.75E-05		
172	7.2E-02				5	6.56E-05		
173	6.7E-02				5	6.09E-05		
174	6.3E-02				5	5.67E-05		
175	5.8E-02				5	5.30E-05		
176	6.6E-02				5	5.97E-05		
177	6.1E-02				5	5.55E-05		
178	5.7E-02				5	5.18E-05		
179	5.4E-02				5	4.86E-05		
180	6.1E-02				5	5.50E-05		
181	5.6E-02				5	5.10E-05		
182	5.2E-02				5	4.76E-05		
183	4.9E-02				5	4.48E-05		
184	8.6E-02				5	7.82E-05		
185	7.0E-02				5	6.36E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	6.4E-02				5	5.81E-05		
187	5.9E-02				5	5.35E-05		
188	5.5E-02				5	4.95E-05		
189	7.1E-02				5	6.47E-05		
190	6.5E-02				5	5.91E-05		
191	6.0E-02				5	5.42E-05		
192	5.5E-02				5	4.99E-05		
193	5.1E-02				5	4.62E-05		
194	6.6E-02				5	5.98E-05		
195	6.1E-02				5	5.50E-05		
196	5.6E-02				5	5.07E-05		
197	5.2E-02				5	4.68E-05		
198	4.8E-02				5	4.34E-05		
199	6.1E-02				5	5.54E-05		
200	5.7E-02				5	5.13E-05		
201	5.2E-02				5	4.75E-05		
202	4.9E-02				5	4.41E-05		
203	4.5E-02				5	4.10E-05		
204	7.6E-02				5	6.92E-05		
205	5.7E-02				5	5.15E-05		
206	5.3E-02				5	4.79E-05		
207	4.9E-02				5	4.46E-05		
208	4.6E-02				5	4.15E-05		
209	7.0E-02				5	6.32E-05		
210	6.5E-02				5	5.88E-05		
211	6.0E-02				5	5.49E-05		
212	5.6E-02				5	5.12E-05		
213	5.3E-02				5	4.79E-05		
214	4.9E-02				5	4.47E-05		
215	4.6E-02				5	4.18E-05		
216	6.6E-02				5	6.03E-05		
217	6.2E-02				5	5.67E-05		
218	5.9E-02				5	5.32E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	5.5E-02				5	5.00E-05		
220	5.2E-02				5	4.70E-05		
221	4.9E-02				5	4.42E-05		
222	6.1E-02				5	5.53E-05		
223	5.7E-02				5	5.21E-05		
224	5.4E-02				5	4.91E-05		
225	5.1E-02				5	4.63E-05		
226	4.8E-02				5	4.37E-05		
227	5.6E-02				5	5.09E-05		
228	5.3E-02				5	4.82E-05		
229	5.0E-02				5	4.55E-05		
230	4.7E-02				5	4.31E-05		
231	5.2E-02				5	4.71E-05		
232	4.9E-02				5	4.47E-05		
233	4.7E-02				5	4.23E-05		
234	4.4E-02				5	4.01E-05		
235	4.8E-02				5	4.37E-05		
236	4.6E-02				5	4.15E-05		
237	4.4E-02				5	3.95E-05		
238	4.1E-02				5	3.75E-05		
239	4.5E-02				5	4.07E-05		
240	4.3E-02				5	3.88E-05		
241	4.1E-02				5	3.69E-05		
242	3.9E-02				5	3.52E-05		
243	5.5E-02				5	5.03E-05		
244	5.5E-02				5	4.97E-05		
245	5.4E-02				5	4.87E-05		
246	5.2E-02				5	4.74E-05		
247	5.1E-02				5	4.59E-05		
248	4.9E-02				5	4.42E-05		
249	4.7E-02				5	4.24E-05		
250	5.1E-02				5	4.67E-05		
251	5.1E-02				5	4.61E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	5.0E-02				5	4.51E-05		
253	4.8E-02				5	4.40E-05		
254	4.7E-02				5	4.26E-05		
255	4.5E-02				5	4.11E-05		
256	4.3E-02				5	3.95E-05		
257	4.8E-02				5	4.35E-05		
258	4.7E-02				5	4.29E-05		
259	4.6E-02				5	4.20E-05		
260	4.5E-02				5	4.09E-05		
261	4.4E-02				5	3.97E-05		
262	4.2E-02				5	3.83E-05		
263	4.1E-02				5	3.69E-05		
264	4.5E-02				5	4.06E-05		
265	4.4E-02				5	4.00E-05		
266	4.3E-02				5	3.92E-05		
267	4.2E-02				5	3.82E-05		
268	4.1E-02				5	3.71E-05		
269	4.0E-02				5	3.59E-05		
270	3.8E-02				5	3.46E-05		
271	4.2E-02				5	3.80E-05		
272	4.1E-02				5	3.74E-05		
273	4.0E-02				5	3.67E-05		
274	3.9E-02				5	3.58E-05		
275	3.8E-02				5	3.48E-05		
276	3.7E-02				5	3.37E-05		
277	3.6E-02				5	3.25E-05		
278	3.6E-02				5	3.28E-05		
279	3.7E-02				5	3.40E-05		
280	4.1E-02				5	3.71E-05		
281	4.0E-02				5	3.66E-05		
282	4.4E-02				5	3.96E-05		
283	3.7E-02				5	3.40E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	9.1E-02	3.0E-02			5	2.11E-04		
27	1.0E-01	3.3E-02			5	2.33E-04		
28	1.1E-01	3.6E-02			5	2.59E-04		
29	1.2E-01	4.0E-02			5	2.87E-04		
30	1.4E-01	4.5E-02			5	3.18E-04		
31	1.5E-01	4.9E-02			5	3.52E-04		
32	1.7E-01	5.5E-02			5	3.90E-04		
33	1.9E-01	6.1E-02			5	4.32E-04		
34	2.1E-01	6.7E-02			5	4.77E-04		
35	2.2E-01	7.3E-02			5	5.20E-04		
36	2.4E-01	7.8E-02			5	5.54E-04		
37	1.0E-01	3.3E-02			5	2.32E-04		
38	1.1E-01	3.6E-02			5	2.59E-04		
39	1.3E-01	4.1E-02			5	2.90E-04		
40	1.4E-01	4.6E-02			5	3.25E-04		
41	1.6E-01	5.1E-02			5	3.64E-04		
42	1.8E-01	5.7E-02			5	4.08E-04		
43	2.0E-01	6.4E-02			5	4.57E-04		
44	2.2E-01	7.2E-02			5	5.13E-04		
45	2.5E-01	8.0E-02			5	5.72E-04		
46	2.7E-01	8.8E-02			5	6.29E-04		
47	2.9E-01	9.4E-02			5	6.72E-04		
48	1.1E-01	3.6E-02			5	2.55E-04		
49	1.2E-01	4.0E-02			5	2.88E-04		
50	1.4E-01	4.6E-02			5	3.26E-04		
51	1.6E-01	5.2E-02			5	3.71E-04		
52	1.8E-01	5.9E-02			5	4.22E-04		
53	2.1E-01	6.7E-02			5	4.79E-04		
54	2.4E-01	7.7E-02			5	5.45E-04		
55	2.7E-01	8.7E-02			5	6.20E-04		
56	3.0E-01	9.9E-02			5	7.02E-04		
57	3.4E-01	1.1E-01			5	7.78E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	3.6E-01	1.2E-01			5	8.32E-04		
59	1.2E-01	3.9E-02			5	2.81E-04		
60	1.4E-01	4.5E-02			5	3.21E-04		
61	1.6E-01	5.2E-02			5	3.69E-04		
62	1.8E-01	6.0E-02			5	4.26E-04		
63	2.1E-01	6.9E-02			5	4.94E-04		
64	2.5E-01	8.0E-02			5	5.72E-04		
65	2.9E-01	9.3E-02			5	6.62E-04		
66	3.3E-01	1.1E-01			5	7.67E-04		
67	3.8E-01	1.2E-01			5	8.83E-04		
68	4.3E-01	1.4E-01			5	9.90E-04		
69	4.6E-01	1.5E-01			5	1.06E-03		
70	1.3E-01	4.3E-02			5	3.10E-04		
71	1.6E-01	5.0E-02			5	3.59E-04		
72	1.8E-01	5.9E-02			5	4.19E-04		
73	2.1E-01	6.9E-02			5	4.93E-04		
74	2.5E-01	8.2E-02			5	5.84E-04		
75	3.0E-01	9.7E-02			5	6.94E-04		
76	3.6E-01	1.2E-01			5	8.23E-04		
77	4.2E-01	1.4E-01			5	9.77E-04		
78	5.0E-01	1.6E-01			5	1.15E-03		
79	5.7E-01	1.8E-01			5	1.31E-03		
80	6.0E-01	2.0E-01			5	1.39E-03		
81	1.5E-01	4.8E-02			5	3.40E-04		
82	1.7E-01	5.6E-02			5	4.01E-04		
83	2.1E-01	6.7E-02			5	4.77E-04		
84	2.5E-01	8.1E-02			5	5.74E-04		
85	3.0E-01	9.8E-02			5	6.99E-04		
86	3.7E-01	1.2E-01			5	8.57E-04		
87	4.6E-01	1.5E-01			5	1.05E-03		
88	5.6E-01	1.8E-01			5	1.29E-03		
89	6.8E-01	2.2E-01			5	1.57E-03		
90	7.8E-01	2.5E-01			5	1.81E-03		

Shiolh Business Park

Unmitigated - 29 year Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	8.2E-01	2.7E-01			5	1.90E-03		
92	1.6E-01	5.2E-02			5	3.71E-04		
93	1.9E-01	6.3E-02			5	4.45E-04		
94	2.3E-01	7.6E-02			5	5.42E-04		
95	2.9E-01	9.4E-02			5	6.71E-04		
96	3.7E-01	1.2E-01			5	8.44E-04		
97	4.7E-01	1.5E-01			5	1.08E-03		
98	6.0E-01	2.0E-01			5	1.39E-03		
99	7.8E-01	2.5E-01			5	1.80E-03		
100	9.9E-01	3.2E-01			5	2.29E-03		
101	1.2E+00	3.8E-01			5	2.69E-03		
102	1.2E+00	3.8E-01			5	2.70E-03		
103	3.3E-01	1.1E-01			5	7.54E-04		
104	4.2E-01	1.4E-01			5	9.80E-04		
105	5.9E-01	1.9E-01			5	1.36E-03		
106	8.1E-01	2.6E-01			5	1.86E-03		
107	1.2E+00	3.8E-01			5	2.69E-03		
108	1.6E+00	5.2E-01			5	3.70E-03		
109	1.9E+00	6.2E-01			5	4.39E-03		
110	1.7E+00	5.6E-01			5	3.98E-03		
111	2.6E-01	8.4E-02			5	5.98E-04		
112	2.0E-01	6.6E-02			5	4.71E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

					Cancer Risk From Idle 4 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	**5.73E-05**	3.17E-05	1.05E-03	3.32E-08	1.35	1.57E-01	7.04E-09	1,000,000	7.04E-03
2	0.58861	5.7347E-05	3.3755E-05	1.05E-03	3.53E-08	1.35	1.57E-01	7.48E-09	1,000,000	7.48E-03
3	0.62853	5.7347E-05	3.6044E-05	1.05E-03	3.77E-08	1.35	1.57E-01	7.99E-09	1,000,000	7.99E-03
4	0.67216	5.7347E-05	3.8546E-05	1.05E-03	4.03E-08	1.35	1.57E-01	8.55E-09	1,000,000	8.55E-03
5	0.72166	5.7347E-05	4.1385E-05	1.05E-03	4.33E-08	1.35	1.57E-01	9.18E-09	1,000,000	9.18E-03
6	0.54874	5.7347E-05	3.1468E-05	1.05E-03	3.29E-08	1.35	1.57E-01	6.98E-09	1,000,000	6.98E-03
7	0.58348	5.7347E-05	3.3461E-05	1.05E-03	3.50E-08	1.35	1.57E-01	7.42E-09	1,000,000	7.42E-03
8	0.62239	5.7347E-05	3.5692E-05	1.05E-03	3.73E-08	1.35	1.57E-01	7.91E-09	1,000,000	7.91E-03
9	0.66696	5.7347E-05	3.8248E-05	1.05E-03	4.00E-08	1.35	1.57E-01	8.48E-09	1,000,000	8.48E-03
10	0.71606	5.7347E-05	4.1064E-05	1.05E-03	4.29E-08	1.35	1.57E-01	9.11E-09	1,000,000	9.11E-03
11	0.54366	5.7347E-05	3.1177E-05	1.05E-03	3.26E-08	1.35	1.57E-01	6.91E-09	1,000,000	6.91E-03
12	0.57826	5.7347E-05	3.3161E-05	1.05E-03	3.47E-08	1.35	1.57E-01	7.35E-09	1,000,000	7.35E-03
13	0.61719	5.7347E-05	3.5394E-05	1.05E-03	3.70E-08	1.35	1.57E-01	7.85E-09	1,000,000	7.85E-03
14	0.66195	5.7347E-05	3.7961E-05	1.05E-03	3.97E-08	1.35	1.57E-01	8.42E-09	1,000,000	8.42E-03
15	0.71117	5.7347E-05	4.0783E-05	1.05E-03	4.26E-08	1.35	1.57E-01	9.04E-09	1,000,000	9.04E-03
16	0.53892	5.7347E-05	3.0905E-05	1.05E-03	3.23E-08	1.35	1.57E-01	6.85E-09	1,000,000	6.85E-03
17	0.57375	5.7347E-05	3.2903E-05	1.05E-03	3.44E-08	1.35	1.57E-01	7.30E-09	1,000,000	7.30E-03
18	0.61251	5.7347E-05	3.5125E-05	1.05E-03	3.67E-08	1.35	1.57E-01	7.79E-09	1,000,000	7.79E-03
19	0.65567	5.7347E-05	3.76E-05	1.05E-03	3.93E-08	1.35	1.57E-01	8.34E-09	1,000,000	8.34E-03
20	0.70538	5.7347E-05	4.0451E-05	1.05E-03	4.23E-08	1.35	1.57E-01	8.97E-09	1,000,000	8.97E-03
21	0.53486	5.7347E-05	3.0672E-05	1.05E-03	3.21E-08	1.35	1.57E-01	6.80E-09	1,000,000	6.80E-03
22	0.56956	5.7347E-05	3.2662E-05	1.05E-03	3.41E-08	1.35	1.57E-01	7.24E-09	1,000,000	7.24E-03
23	0.60852	5.7347E-05	3.4897E-05	1.05E-03	3.65E-08	1.35	1.57E-01	7.74E-09	1,000,000	7.74E-03
24	0.65211	5.7347E-05	3.7396E-05	1.05E-03	3.91E-08	1.35	1.57E-01	8.29E-09	1,000,000	8.29E-03
25	0.70079	5.7347E-05	4.0188E-05	1.05E-03	4.20E-08	1.35	1.57E-01	8.91E-09	1,000,000	8.91E-03
113	2.04061	5.7347E-05	0.00011702	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
114	1.88329	5.7347E-05	0.000108	1.05E-03	1.13E-07	1.35	1.57E-01	2.39E-08	1,000,000	2.39E-02
115	1.74015	5.7347E-05	9.9792E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
116	1.61089	5.7347E-05	9.2379E-05	1.05E-03	9.66E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
117	2.10693	5.7347E-05	0.00012083	1.05E-03	1.26E-07	1.35	1.57E-01	2.68E-08	1,000,000	2.68E-02
118	1.93563	5.7347E-05	0.000111	1.05E-03	1.16E-07	1.35	1.57E-01	2.46E-08	1,000,000	2.46E-02
119	1.78215	5.7347E-05	0.0001022	1.05E-03	1.07E-07	1.35	1.57E-01	2.27E-08	1,000,000	2.27E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.4336E-05	1.05E-03	9.86E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
121	2.1689	5.7347E-05	0.00012438	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
122	1.98451	5.7347E-05	0.0001138	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
123	1.82122	5.7347E-05	0.00010444	1.05E-03	1.09E-07	1.35	1.57E-01	2.32E-08	1,000,000	2.32E-02
124	1.67647	5.7347E-05	9.614E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
125	2.22622	5.7347E-05	0.00012767	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
126	2.02948	5.7347E-05	0.00011638	1.05E-03	1.22E-07	1.35	1.57E-01	2.58E-08	1,000,000	2.58E-02
127	1.8568	5.7347E-05	0.00010648	1.05E-03	1.11E-07	1.35	1.57E-01	2.36E-08	1,000,000	2.36E-02
128	1.70475	5.7347E-05	9.7762E-05	1.05E-03	1.02E-07	1.35	1.57E-01	2.17E-08	1,000,000	2.17E-02
129	2.27829	5.7347E-05	0.00013065	1.05E-03	1.37E-07	1.35	1.57E-01	2.90E-08	1,000,000	2.90E-02
130	2.06988	5.7347E-05	0.0001187	1.05E-03	1.24E-07	1.35	1.57E-01	2.63E-08	1,000,000	2.63E-02
131	1.88836	5.7347E-05	0.00010829	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
132	1.72958	5.7347E-05	9.9185E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.20E-08	1,000,000	2.20E-02
133	2.32434	5.7347E-05	0.00013329	1.05E-03	1.39E-07	1.35	1.57E-01	2.96E-08	1,000,000	2.96E-02
134	2.1052	5.7347E-05	0.00012073	1.05E-03	1.26E-07	1.35	1.57E-01	2.68E-08	1,000,000	2.68E-02
135	1.91573	5.7347E-05	0.00010986	1.05E-03	1.15E-07	1.35	1.57E-01	2.44E-08	1,000,000	2.44E-02
136	1.75106	5.7347E-05	0.00010042	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
137	2.36399	5.7347E-05	0.00013557	1.05E-03	1.42E-07	1.35	1.57E-01	3.01E-08	1,000,000	3.01E-02
138	1.93925	5.7347E-05	0.00011121	1.05E-03	1.16E-07	1.35	1.57E-01	2.47E-08	1,000,000	2.47E-02
139	1.76968	5.7347E-05	0.00010149	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
140	2.4485	5.7347E-05	0.00014041	1.05E-03	1.47E-07	1.35	1.57E-01	3.11E-08	1,000,000	3.11E-02
141	2.20041	5.7347E-05	0.00012619	1.05E-03	1.32E-07	1.35	1.57E-01	2.80E-08	1,000,000	2.80E-02
142	1.98997	5.7347E-05	0.00011412	1.05E-03	1.19E-07	1.35	1.57E-01	2.53E-08	1,000,000	2.53E-02
143	1.80979	5.7347E-05	0.00010379	1.05E-03	1.08E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
144	2.46473	5.7347E-05	0.00014134	1.05E-03	1.48E-07	1.35	1.57E-01	3.13E-08	1,000,000	3.13E-02
145	2.21227	5.7347E-05	0.00012687	1.05E-03	1.33E-07	1.35	1.57E-01	2.81E-08	1,000,000	2.81E-02
146	1.99861	5.7347E-05	0.00011461	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
147	1.81603	5.7347E-05	0.00010414	1.05E-03	1.09E-07	1.35	1.57E-01	2.31E-08	1,000,000	2.31E-02
148	2.47326	5.7347E-05	0.00014183	1.05E-03	1.48E-07	1.35	1.57E-01	3.14E-08	1,000,000	3.14E-02
149	2.21783	5.7347E-05	0.00012718	1.05E-03	1.33E-07	1.35	1.57E-01	2.82E-08	1,000,000	2.82E-02
150	2.00208	5.7347E-05	0.00011481	1.05E-03	1.20E-07	1.35	1.57E-01	2.55E-08	1,000,000	2.55E-02
151	1.81804	5.7347E-05	0.00010426	1.05E-03	1.09E-07	1.35	1.57E-01	2.31E-08	1,000,000	2.31E-02
152	2.47365	5.7347E-05	0.00014186	1.05E-03	1.48E-07	1.35	1.57E-01	3.15E-08	1,000,000	3.15E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	0.00012714	1.05E-03	1.33E-07	1.35	1.57E-01	2.82E-08	1,000,000	2.82E-02
154	2.00048	5.7347E-05	0.00011472	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
155	1.81601	5.7347E-05	0.00010414	1.05E-03	1.09E-07	1.35	1.57E-01	2.31E-08	1,000,000	2.31E-02
156	2.46538	5.7347E-05	0.00014138	1.05E-03	1.48E-07	1.35	1.57E-01	3.13E-08	1,000,000	3.13E-02
157	2.20934	5.7347E-05	0.0001267	1.05E-03	1.32E-07	1.35	1.57E-01	2.81E-08	1,000,000	2.81E-02
158	1.99349	5.7347E-05	0.00011432	1.05E-03	1.19E-07	1.35	1.57E-01	2.53E-08	1,000,000	2.53E-02
159	1.80965	5.7347E-05	0.00010378	1.05E-03	1.08E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
160	2.44658	5.7347E-05	0.0001403	1.05E-03	1.47E-07	1.35	1.57E-01	3.11E-08	1,000,000	3.11E-02
161	2.19332	5.7347E-05	0.00012578	1.05E-03	1.31E-07	1.35	1.57E-01	2.79E-08	1,000,000	2.79E-02
162	1.97972	5.7347E-05	0.00011353	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
163	1.79744	5.7347E-05	0.00010308	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
164	2.41472	5.7347E-05	0.00013848	1.05E-03	1.45E-07	1.35	1.57E-01	3.07E-08	1,000,000	3.07E-02
165	2.16682	5.7347E-05	0.00012426	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
166	1.95575	5.7347E-05	0.00011216	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
167	1.77704	5.7347E-05	0.00010191	1.05E-03	1.07E-07	1.35	1.57E-01	2.26E-08	1,000,000	2.26E-02
168	2.36828	5.7347E-05	0.00013581	1.05E-03	1.42E-07	1.35	1.57E-01	3.01E-08	1,000,000	3.01E-02
169	2.12876	5.7347E-05	0.00012208	1.05E-03	1.28E-07	1.35	1.57E-01	2.71E-08	1,000,000	2.71E-02
170	1.92374	5.7347E-05	0.00011032	1.05E-03	1.15E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
171	1.75039	5.7347E-05	0.00010038	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
172	2.30645	5.7347E-05	0.00013227	1.05E-03	1.38E-07	1.35	1.57E-01	2.93E-08	1,000,000	2.93E-02
173	2.07886	5.7347E-05	0.00011922	1.05E-03	1.25E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
174	1.88301	5.7347E-05	0.00010798	1.05E-03	1.13E-07	1.35	1.57E-01	2.39E-08	1,000,000	2.39E-02
175	1.71625	5.7347E-05	9.8421E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.18E-08	1,000,000	2.18E-02
176	2.22717	5.7347E-05	0.00012772	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
177	2.01604	5.7347E-05	0.00011561	1.05E-03	1.21E-07	1.35	1.57E-01	2.56E-08	1,000,000	2.56E-02
178	1.83235	5.7347E-05	0.00010508	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
179	1.67459	5.7347E-05	9.6032E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
180	2.12727	5.7347E-05	0.00012199	1.05E-03	1.28E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02
181	1.93704	5.7347E-05	0.00011108	1.05E-03	1.16E-07	1.35	1.57E-01	2.46E-08	1,000,000	2.46E-02
182	1.76986	5.7347E-05	0.0001015	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
183	1.62422	5.7347E-05	9.3143E-05	1.05E-03	9.74E-08	1.35	1.57E-01	2.07E-08	1,000,000	2.07E-02
184	2.6291	5.7347E-05	0.00015077	1.05E-03	1.58E-07	1.35	1.57E-01	3.34E-08	1,000,000	3.34E-02
185	2.52128	5.7347E-05	0.00014459	1.05E-03	1.51E-07	1.35	1.57E-01	3.21E-08	1,000,000	3.21E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	0.00013138	1.05E-03	1.37E-07	1.35	1.57E-01	2.91E-08	1,000,000	2.91E-02
187	2.08789	5.7347E-05	0.00011973	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
188	1.90745	5.7347E-05	0.00010939	1.05E-03	1.14E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02
189	2.52303	5.7347E-05	0.00014469	1.05E-03	1.51E-07	1.35	1.57E-01	3.21E-08	1,000,000	3.21E-02
190	2.3112	5.7347E-05	0.00013254	1.05E-03	1.39E-07	1.35	1.57E-01	2.94E-08	1,000,000	2.94E-02
191	2.12306	5.7347E-05	0.00012175	1.05E-03	1.27E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02
192	1.95424	5.7347E-05	0.00011207	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
193	1.80023	5.7347E-05	0.00010324	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
194	2.2766	5.7347E-05	0.00013056	1.05E-03	1.36E-07	1.35	1.57E-01	2.89E-08	1,000,000	2.89E-02
195	2.10152	5.7347E-05	0.00012051	1.05E-03	1.26E-07	1.35	1.57E-01	2.67E-08	1,000,000	2.67E-02
196	1.94681	5.7347E-05	0.00011164	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
197	1.80646	5.7347E-05	0.00010359	1.05E-03	1.08E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
198	1.68045	5.7347E-05	9.6368E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.14E-08	1,000,000	2.14E-02
199	2.06409	5.7347E-05	0.00011837	1.05E-03	1.24E-07	1.35	1.57E-01	2.62E-08	1,000,000	2.62E-02
200	1.91097	5.7347E-05	0.00010959	1.05E-03	1.15E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02
201	1.77805	5.7347E-05	0.00010197	1.05E-03	1.07E-07	1.35	1.57E-01	2.26E-08	1,000,000	2.26E-02
202	1.66048	5.7347E-05	9.5223E-05	1.05E-03	9.95E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
203	1.55518	5.7347E-05	8.9184E-05	1.05E-03	9.32E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
204	2.78219	5.7347E-05	0.00015955	1.05E-03	1.67E-07	1.35	1.57E-01	3.54E-08	1,000,000	3.54E-02
205	1.88969	5.7347E-05	0.00010837	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
206	1.74924	5.7347E-05	0.00010031	1.05E-03	1.05E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
207	1.6284	5.7347E-05	9.3383E-05	1.05E-03	9.76E-08	1.35	1.57E-01	2.07E-08	1,000,000	2.07E-02
208	1.5256	5.7347E-05	8.7488E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
209	2.53774	5.7347E-05	0.00014553	1.05E-03	1.52E-07	1.35	1.57E-01	3.23E-08	1,000,000	3.23E-02
210	2.29512	5.7347E-05	0.00013162	1.05E-03	1.38E-07	1.35	1.57E-01	2.92E-08	1,000,000	2.92E-02
211	2.08388	5.7347E-05	0.0001195	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
212	1.90263	5.7347E-05	0.00010911	1.05E-03	1.14E-07	1.35	1.57E-01	2.42E-08	1,000,000	2.42E-02
213	1.74782	5.7347E-05	0.00010023	1.05E-03	1.05E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
214	1.61559	5.7347E-05	9.2649E-05	1.05E-03	9.68E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
215	1.50352	5.7347E-05	8.6222E-05	1.05E-03	9.01E-08	1.35	1.57E-01	1.91E-08	1,000,000	1.91E-02
216	2.53238	5.7347E-05	0.00014522	1.05E-03	1.52E-07	1.35	1.57E-01	3.22E-08	1,000,000	3.22E-02
217	2.32012	5.7347E-05	0.00013305	1.05E-03	1.39E-07	1.35	1.57E-01	2.95E-08	1,000,000	2.95E-02
218	2.12576	5.7347E-05	0.00012191	1.05E-03	1.27E-07	1.35	1.57E-01	2.70E-08	1,000,000	2.70E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	0.00011195	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
220	1.79392	5.7347E-05	0.00010288	1.05E-03	1.08E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
221	1.65158	5.7347E-05	9.4712E-05	1.05E-03	9.90E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
222	2.2973	5.7347E-05	0.00013174	1.05E-03	1.38E-07	1.35	1.57E-01	2.92E-08	1,000,000	2.92E-02
223	2.11761	5.7347E-05	0.00012144	1.05E-03	1.27E-07	1.35	1.57E-01	2.69E-08	1,000,000	2.69E-02
224	1.95418	5.7347E-05	0.00011207	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
225	1.80591	5.7347E-05	0.00010356	1.05E-03	1.08E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
226	1.66893	5.7347E-05	9.5707E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
227	2.09298	5.7347E-05	0.00012003	1.05E-03	1.25E-07	1.35	1.57E-01	2.66E-08	1,000,000	2.66E-02
228	1.94001	5.7347E-05	0.00011125	1.05E-03	1.16E-07	1.35	1.57E-01	2.47E-08	1,000,000	2.47E-02
229	1.80122	5.7347E-05	0.00010329	1.05E-03	1.08E-07	1.35	1.57E-01	2.29E-08	1,000,000	2.29E-02
230	1.67234	5.7347E-05	9.5903E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
231	1.91445	5.7347E-05	0.00010979	1.05E-03	1.15E-07	1.35	1.57E-01	2.43E-08	1,000,000	2.43E-02
232	1.78455	5.7347E-05	0.00010234	1.05E-03	1.07E-07	1.35	1.57E-01	2.27E-08	1,000,000	2.27E-02
233	1.66477	5.7347E-05	9.5469E-05	1.05E-03	9.98E-08	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
234	1.55329	5.7347E-05	8.9076E-05	1.05E-03	9.31E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
235	1.75918	5.7347E-05	0.00010088	1.05E-03	1.05E-07	1.35	1.57E-01	2.24E-08	1,000,000	2.24E-02
236	1.64717	5.7347E-05	9.446E-05	1.05E-03	9.87E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
237	1.54241	5.7347E-05	8.8452E-05	1.05E-03	9.25E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
238	1.44603	5.7347E-05	8.2925E-05	1.05E-03	8.67E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
239	1.62283	5.7347E-05	9.3064E-05	1.05E-03	9.73E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
240	1.5251	5.7347E-05	8.7459E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
241	1.43337	5.7347E-05	8.2199E-05	1.05E-03	8.59E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
242	1.3492	5.7347E-05	7.7372E-05	1.05E-03	8.09E-08	1.35	1.57E-01	1.72E-08	1,000,000	1.72E-02
243	2.36207	5.7347E-05	0.00013546	1.05E-03	1.42E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
244	2.27926	5.7347E-05	0.00013071	1.05E-03	1.37E-07	1.35	1.57E-01	2.90E-08	1,000,000	2.90E-02
245	2.1789	5.7347E-05	0.00012495	1.05E-03	1.31E-07	1.35	1.57E-01	2.77E-08	1,000,000	2.77E-02
246	2.06777	5.7347E-05	0.00011858	1.05E-03	1.24E-07	1.35	1.57E-01	2.63E-08	1,000,000	2.63E-02
247	1.95153	5.7347E-05	0.00011191	1.05E-03	1.17E-07	1.35	1.57E-01	2.48E-08	1,000,000	2.48E-02
248	1.83804	5.7347E-05	0.00010541	1.05E-03	1.10E-07	1.35	1.57E-01	2.34E-08	1,000,000	2.34E-02
249	1.72915	5.7347E-05	9.9161E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.20E-08	1,000,000	2.20E-02
250	2.1434	5.7347E-05	0.00012292	1.05E-03	1.28E-07	1.35	1.57E-01	2.73E-08	1,000,000	2.73E-02
251	2.07015	5.7347E-05	0.00011872	1.05E-03	1.24E-07	1.35	1.57E-01	2.63E-08	1,000,000	2.63E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	0.00011372	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
253	1.88713	5.7347E-05	0.00010822	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
254	1.78696	5.7347E-05	0.00010248	1.05E-03	1.07E-07	1.35	1.57E-01	2.27E-08	1,000,000	2.27E-02
255	1.68889	5.7347E-05	9.6852E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
256	1.59341	5.7347E-05	9.1377E-05	1.05E-03	9.55E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
257	1.95519	5.7347E-05	0.00011212	1.05E-03	1.17E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
258	1.89012	5.7347E-05	0.00010839	1.05E-03	1.13E-07	1.35	1.57E-01	2.40E-08	1,000,000	2.40E-02
259	1.81387	5.7347E-05	0.00010402	1.05E-03	1.09E-07	1.35	1.57E-01	2.31E-08	1,000,000	2.31E-02
260	1.73062	5.7347E-05	9.9245E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.20E-08	1,000,000	2.20E-02
261	1.64368	5.7347E-05	9.4259E-05	1.05E-03	9.85E-08	1.35	1.57E-01	2.09E-08	1,000,000	2.09E-02
262	1.55816	5.7347E-05	8.9355E-05	1.05E-03	9.34E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
263	1.47497	5.7347E-05	8.4584E-05	1.05E-03	8.84E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02
264	1.79232	5.7347E-05	0.00010278	1.05E-03	1.07E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
265	1.73408	5.7347E-05	9.9444E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.20E-08	1,000,000	2.20E-02
266	1.6668	5.7347E-05	9.5585E-05	1.05E-03	9.99E-08	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
267	1.59397	5.7347E-05	9.1409E-05	1.05E-03	9.55E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
268	1.51875	5.7347E-05	8.7095E-05	1.05E-03	9.10E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
269	1.44352	5.7347E-05	8.2781E-05	1.05E-03	8.65E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
270	1.37025	5.7347E-05	7.8579E-05	1.05E-03	8.21E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
271	1.64975	5.7347E-05	9.4607E-05	1.05E-03	9.89E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
272	1.59759	5.7347E-05	9.1616E-05	1.05E-03	9.58E-08	1.35	1.57E-01	2.03E-08	1,000,000	2.03E-02
273	1.53802	5.7347E-05	8.82E-05	1.05E-03	9.22E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
274	1.47386	5.7347E-05	8.4521E-05	1.05E-03	8.83E-08	1.35	1.57E-01	1.87E-08	1,000,000	1.87E-02
275	1.40763	5.7347E-05	8.0723E-05	1.05E-03	8.44E-08	1.35	1.57E-01	1.79E-08	1,000,000	1.79E-02
276	1.34162	5.7347E-05	7.6937E-05	1.05E-03	8.04E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
277	1.27656	5.7347E-05	7.3206E-05	1.05E-03	7.65E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
278	1.41921	5.7347E-05	8.1387E-05	1.05E-03	8.51E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
279	1.48838	5.7347E-05	8.5353E-05	1.05E-03	8.92E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
280	1.67451	5.7347E-05	9.6027E-05	1.05E-03	1.00E-07	1.35	1.57E-01	2.13E-08	1,000,000	2.13E-02
281	1.65418	5.7347E-05	9.4862E-05	1.05E-03	9.91E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
282	1.8361	5.7347E-05	0.00010529	1.05E-03	1.10E-07	1.35	1.57E-01	2.33E-08	1,000,000	2.33E-02
283	1.49743	5.7347E-05	8.5872E-05	1.05E-03	8.98E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

					Cancer Risk From Idle 4 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	3.97519	5.7347E-05	0.00022796	1.05E-03	2.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	4.18377	5.7347E-05	0.00023992	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	4.40093	5.7347E-05	0.00025238	1.05E-03	2.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	4.61983	5.7347E-05	0.00026493	1.05E-03	2.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	4.83211	5.7347E-05	0.0002771	1.05E-03	2.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	5.03023	5.7347E-05	0.00028847	1.05E-03	3.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	5.20886	5.7347E-05	0.00029871	1.05E-03	3.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	5.36465	5.7347E-05	0.00030764	1.05E-03	3.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	5.49506	5.7347E-05	0.00031512	1.05E-03	3.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	5.59687	5.7347E-05	0.00032096	1.05E-03	3.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	5.6638	5.7347E-05	0.0003248	1.05E-03	3.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	4.30893	5.7347E-05	0.0002471	1.05E-03	2.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	4.54727	5.7347E-05	0.00026077	1.05E-03	2.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	4.79614	5.7347E-05	0.00027504	1.05E-03	2.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	5.04735	5.7347E-05	0.00028945	1.05E-03	3.03E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	5.29062	5.7347E-05	0.0003034	1.05E-03	3.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	5.51654	5.7347E-05	0.00031635	1.05E-03	3.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	5.71838	5.7347E-05	0.00032793	1.05E-03	3.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	5.89181	5.7347E-05	0.00033788	1.05E-03	3.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	6.03335	5.7347E-05	0.00034599	1.05E-03	3.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	6.13871	5.7347E-05	0.00035203	1.05E-03	3.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	6.20022	5.7347E-05	0.00035556	1.05E-03	3.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	4.68962	5.7347E-05	0.00026893	1.05E-03	2.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	4.9639	5.7347E-05	0.00028466	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	5.25122	5.7347E-05	0.00030114	1.05E-03	3.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	5.5417	5.7347E-05	0.0003178	1.05E-03	3.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	5.82255	5.7347E-05	0.0003339	1.05E-03	3.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	6.08186	5.7347E-05	0.00034877	1.05E-03	3.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	6.31101	5.7347E-05	0.00036191	1.05E-03	3.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	6.50428	5.7347E-05	0.000373	1.05E-03	3.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	6.65693	5.7347E-05	0.00038175	1.05E-03	3.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	6.76322	5.7347E-05	0.00038785	1.05E-03	4.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	0.00039075	1.05E-03	4.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	5.12676	5.7347E-05	0.000294	1.05E-03	3.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	5.44487	5.7347E-05	0.00031224	1.05E-03	3.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	5.7793	5.7347E-05	0.00033142	1.05E-03	3.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	6.11804	5.7347E-05	0.00035085	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	6.44495	5.7347E-05	0.0003696	1.05E-03	3.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	6.74472	5.7347E-05	0.00038679	1.05E-03	4.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	7.00613	5.7347E-05	0.00040178	1.05E-03	4.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	7.2215	5.7347E-05	0.00041413	1.05E-03	4.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	7.3843	5.7347E-05	0.00042346	1.05E-03	4.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	7.48687	5.7347E-05	0.00042935	1.05E-03	4.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	7.51786	5.7347E-05	0.00043112	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	5.63236	5.7347E-05	0.000323	1.05E-03	3.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	6.00456	5.7347E-05	0.00034434	1.05E-03	3.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	6.39743	5.7347E-05	0.00036687	1.05E-03	3.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	6.79621	5.7347E-05	0.00038974	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	7.18024	5.7347E-05	0.00041176	1.05E-03	4.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	7.52951	5.7347E-05	0.00043179	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	7.82912	5.7347E-05	0.00044897	1.05E-03	4.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	8.06862	5.7347E-05	0.00046271	1.05E-03	4.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	8.23891	5.7347E-05	0.00047247	1.05E-03	4.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	8.32982	5.7347E-05	0.00047769	1.05E-03	4.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	8.32798	5.7347E-05	0.00047758	1.05E-03	4.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	6.22188	5.7347E-05	0.0003568	1.05E-03	3.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	6.66169	5.7347E-05	0.00038202	1.05E-03	3.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	7.12799	5.7347E-05	0.00040877	1.05E-03	4.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	7.60251	5.7347E-05	0.00043598	1.05E-03	4.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	8.05835	5.7347E-05	0.00046212	1.05E-03	4.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	8.46882	5.7347E-05	0.00048566	1.05E-03	5.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	8.81371	5.7347E-05	0.00050544	1.05E-03	5.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	9.07855	5.7347E-05	0.00052062	1.05E-03	5.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	9.2506	5.7347E-05	0.00053049	1.05E-03	5.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	9.31654	5.7347E-05	0.00053427	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	0.00053111	1.05E-03	5.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	6.91539	5.7347E-05	0.00039657	1.05E-03	4.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	7.44093	5.7347E-05	0.00042671	1.05E-03	4.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	8.00093	5.7347E-05	0.00045883	1.05E-03	4.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	8.5725	5.7347E-05	0.0004916	1.05E-03	5.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	9.11999	5.7347E-05	0.000523	1.05E-03	5.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	9.60699	5.7347E-05	0.00055093	1.05E-03	5.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	10.00543	5.7347E-05	0.00057378	1.05E-03	6.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	10.29485	5.7347E-05	0.00059037	1.05E-03	6.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	10.45741	5.7347E-05	0.0005997	1.05E-03	6.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	10.47624	5.7347E-05	0.00060078	1.05E-03	6.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	10.33656	5.7347E-05	0.00059277	1.05E-03	6.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	9.49191	5.7347E-05	0.00054433	1.05E-03	5.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	10.14227	5.7347E-05	0.00058162	1.05E-03	6.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	10.86169	5.7347E-05	0.00062288	1.05E-03	6.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	11.30189	5.7347E-05	0.00064812	1.05E-03	6.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	11.7758	5.7347E-05	0.0006753	1.05E-03	7.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	11.90772	5.7347E-05	0.00068287	1.05E-03	7.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	11.84283	5.7347E-05	0.00067915	1.05E-03	7.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	11.57119	5.7347E-05	0.00066357	1.05E-03	6.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	8.83534	5.7347E-05	0.00050668	1.05E-03	5.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	8.12074	5.7347E-05	0.0004657	1.05E-03	4.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	5.73E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.3E-02
2	0.58861	5.7347E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
3	0.62853	5.7347E-05	3.60E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
4	0.67216	5.7347E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
5	0.72166	5.7347E-05	4.14E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
6	0.54874	5.7347E-05	3.15E-05	6.05E-04	1.90E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
7	0.58348	5.7347E-05	3.35E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
8	0.62239	5.7347E-05	3.57E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
9	0.66696	5.7347E-05	3.82E-05	6.05E-04	2.31E-08	14	4.71E-02	1.53E-08	1,000,000	1.53E-02
10	0.71606	5.7347E-05	4.11E-05	6.05E-04	2.48E-08	14	4.71E-02	1.64E-08	1,000,000	1.64E-02
11	0.54366	5.7347E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
12	0.57826	5.7347E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
13	0.61719	5.7347E-05	3.54E-05	6.05E-04	2.14E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
14	0.66195	5.7347E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
15	0.71117	5.7347E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
16	0.53892	5.7347E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
17	0.57375	5.7347E-05	3.29E-05	6.05E-04	1.99E-08	14	4.71E-02	1.31E-08	1,000,000	1.31E-02
18	0.61251	5.7347E-05	3.51E-05	6.05E-04	2.13E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
19	0.65567	5.7347E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
20	0.70538	5.7347E-05	4.05E-05	6.05E-04	2.45E-08	14	4.71E-02	1.62E-08	1,000,000	1.62E-02
21	0.53486	5.7347E-05	3.07E-05	6.05E-04	1.86E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
22	0.56956	5.7347E-05	3.27E-05	6.05E-04	1.98E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
23	0.60852	5.7347E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
24	0.65211	5.7347E-05	3.74E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
25	0.70079	5.7347E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
113	2.04061	5.7347E-05	1.17E-04	6.05E-04	7.08E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
114	1.88329	5.7347E-05	1.08E-04	6.05E-04	6.53E-08	14	4.71E-02	4.31E-08	1,000,000	4.31E-02
115	1.74015	5.7347E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
116	1.61089	5.7347E-05	9.24E-05	6.05E-04	5.59E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
117	2.10693	5.7347E-05	1.21E-04	6.05E-04	7.31E-08	14	4.71E-02	4.83E-08	1,000,000	4.83E-02
118	1.93563	5.7347E-05	1.11E-04	6.05E-04	6.72E-08	14	4.71E-02	4.43E-08	1,000,000	4.43E-02
119	1.78215	5.7347E-05	1.02E-04	6.05E-04	6.18E-08	14	4.71E-02	4.08E-08	1,000,000	4.08E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.43E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
121	2.1689	5.7347E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
122	1.98451	5.7347E-05	1.14E-04	6.05E-04	6.89E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
123	1.82122	5.7347E-05	1.04E-04	6.05E-04	6.32E-08	14	4.71E-02	4.17E-08	1,000,000	4.17E-02
124	1.67647	5.7347E-05	9.61E-05	6.05E-04	5.82E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
125	2.22622	5.7347E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
126	2.02948	5.7347E-05	1.16E-04	6.05E-04	7.04E-08	14	4.71E-02	4.65E-08	1,000,000	4.65E-02
127	1.8568	5.7347E-05	1.06E-04	6.05E-04	6.44E-08	14	4.71E-02	4.25E-08	1,000,000	4.25E-02
128	1.70475	5.7347E-05	9.78E-05	6.05E-04	5.92E-08	14	4.71E-02	3.90E-08	1,000,000	3.90E-02
129	2.27829	5.7347E-05	1.31E-04	6.05E-04	7.91E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
130	2.06988	5.7347E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
131	1.88836	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
132	1.72958	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
133	2.32434	5.7347E-05	1.33E-04	6.05E-04	8.07E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
134	2.1052	5.7347E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.82E-08	1,000,000	4.82E-02
135	1.91573	5.7347E-05	1.10E-04	6.05E-04	6.65E-08	14	4.71E-02	4.39E-08	1,000,000	4.39E-02
136	1.75106	5.7347E-05	1.00E-04	6.05E-04	6.08E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
137	2.36399	5.7347E-05	1.36E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
138	1.93925	5.7347E-05	1.11E-04	6.05E-04	6.73E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
139	1.76968	5.7347E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
140	2.4485	5.7347E-05	1.40E-04	6.05E-04	8.50E-08	14	4.71E-02	5.61E-08	1,000,000	5.61E-02
141	2.20041	5.7347E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
142	1.98997	5.7347E-05	1.14E-04	6.05E-04	6.90E-08	14	4.71E-02	4.56E-08	1,000,000	4.56E-02
143	1.80979	5.7347E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
144	2.46473	5.7347E-05	1.41E-04	6.05E-04	8.55E-08	14	4.71E-02	5.64E-08	1,000,000	5.64E-02
145	2.21227	5.7347E-05	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
146	1.99861	5.7347E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
147	1.81603	5.7347E-05	1.04E-04	6.05E-04	6.30E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
148	2.47326	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02
149	2.21783	5.7347E-05	1.27E-04	6.05E-04	7.70E-08	14	4.71E-02	5.08E-08	1,000,000	5.08E-02
150	2.00208	5.7347E-05	1.15E-04	6.05E-04	6.95E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
151	1.81804	5.7347E-05	1.04E-04	6.05E-04	6.31E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
152	2.47365	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	1.27E-04	6.05E-04	7.69E-08	14	4.71E-02	5.08E-08	1,000,000	5.08E-02
154	2.00048	5.7347E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
155	1.81601	5.7347E-05	1.04E-04	6.05E-04	6.30E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
156	2.46538	5.7347E-05	1.41E-04	6.05E-04	8.55E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
157	2.20934	5.7347E-05	1.27E-04	6.05E-04	7.67E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
158	1.99349	5.7347E-05	1.14E-04	6.05E-04	6.92E-08	14	4.71E-02	4.57E-08	1,000,000	4.57E-02
159	1.80965	5.7347E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
160	2.44658	5.7347E-05	1.40E-04	6.05E-04	8.49E-08	14	4.71E-02	5.60E-08	1,000,000	5.60E-02
161	2.19332	5.7347E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
162	1.97972	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.53E-08	1,000,000	4.53E-02
163	1.79744	5.7347E-05	1.03E-04	6.05E-04	6.24E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
164	2.41472	5.7347E-05	1.38E-04	6.05E-04	8.38E-08	14	4.71E-02	5.53E-08	1,000,000	5.53E-02
165	2.16682	5.7347E-05	1.24E-04	6.05E-04	7.52E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
166	1.95575	5.7347E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
167	1.77704	5.7347E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
168	2.36828	5.7347E-05	1.36E-04	6.05E-04	8.22E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
169	2.12876	5.7347E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
170	1.92374	5.7347E-05	1.10E-04	6.05E-04	6.68E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
171	1.75039	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
172	2.30645	5.7347E-05	1.32E-04	6.05E-04	8.00E-08	14	4.71E-02	5.28E-08	1,000,000	5.28E-02
173	2.07886	5.7347E-05	1.19E-04	6.05E-04	7.21E-08	14	4.71E-02	4.76E-08	1,000,000	4.76E-02
174	1.88301	5.7347E-05	1.08E-04	6.05E-04	6.53E-08	14	4.71E-02	4.31E-08	1,000,000	4.31E-02
175	1.71625	5.7347E-05	9.84E-05	6.05E-04	5.96E-08	14	4.71E-02	3.93E-08	1,000,000	3.93E-02
176	2.22717	5.7347E-05	1.28E-04	6.05E-04	7.73E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
177	2.01604	5.7347E-05	1.16E-04	6.05E-04	7.00E-08	14	4.71E-02	4.62E-08	1,000,000	4.62E-02
178	1.83235	5.7347E-05	1.05E-04	6.05E-04	6.36E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
179	1.67459	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
180	2.12727	5.7347E-05	1.22E-04	6.05E-04	7.38E-08	14	4.71E-02	4.87E-08	1,000,000	4.87E-02
181	1.93704	5.7347E-05	1.11E-04	6.05E-04	6.72E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
182	1.76986	5.7347E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
183	1.62422	5.7347E-05	9.31E-05	6.05E-04	5.64E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
184	2.6291	5.7347E-05	1.51E-04	6.05E-04	9.12E-08	14	4.71E-02	6.02E-08	1,000,000	6.02E-02
185	2.52128	5.7347E-05	1.45E-04	6.05E-04	8.75E-08	14	4.71E-02	5.77E-08	1,000,000	5.77E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	1.31E-04	6.05E-04	7.95E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
187	2.08789	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
188	1.90745	5.7347E-05	1.09E-04	6.05E-04	6.62E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
189	2.52303	5.7347E-05	1.45E-04	6.05E-04	8.75E-08	14	4.71E-02	5.78E-08	1,000,000	5.78E-02
190	2.3112	5.7347E-05	1.33E-04	6.05E-04	8.02E-08	14	4.71E-02	5.29E-08	1,000,000	5.29E-02
191	2.12306	5.7347E-05	1.22E-04	6.05E-04	7.37E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
192	1.95424	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
193	1.80023	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
194	2.2766	5.7347E-05	1.31E-04	6.05E-04	7.90E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
195	2.10152	5.7347E-05	1.21E-04	6.05E-04	7.29E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
196	1.94681	5.7347E-05	1.12E-04	6.05E-04	6.76E-08	14	4.71E-02	4.46E-08	1,000,000	4.46E-02
197	1.80646	5.7347E-05	1.04E-04	6.05E-04	6.27E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
198	1.68045	5.7347E-05	9.64E-05	6.05E-04	5.83E-08	14	4.71E-02	3.85E-08	1,000,000	3.85E-02
199	2.06409	5.7347E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
200	1.91097	5.7347E-05	1.10E-04	6.05E-04	6.63E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
201	1.77805	5.7347E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
202	1.66048	5.7347E-05	9.52E-05	6.05E-04	5.76E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
203	1.55518	5.7347E-05	8.92E-05	6.05E-04	5.40E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
204	2.78219	5.7347E-05	1.60E-04	6.05E-04	9.65E-08	14	4.71E-02	6.37E-08	1,000,000	6.37E-02
205	1.88969	5.7347E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
206	1.74924	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
207	1.6284	5.7347E-05	9.34E-05	6.05E-04	5.65E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
208	1.5256	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
209	2.53774	5.7347E-05	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
210	2.29512	5.7347E-05	1.32E-04	6.05E-04	7.96E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
211	2.08388	5.7347E-05	1.20E-04	6.05E-04	7.23E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
212	1.90263	5.7347E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
213	1.74782	5.7347E-05	1.00E-04	6.05E-04	6.06E-08	14	4.71E-02	4.00E-08	1,000,000	4.00E-02
214	1.61559	5.7347E-05	9.26E-05	6.05E-04	5.61E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02
215	1.50352	5.7347E-05	8.62E-05	6.05E-04	5.22E-08	14	4.71E-02	3.44E-08	1,000,000	3.44E-02
216	2.53238	5.7347E-05	1.45E-04	6.05E-04	8.79E-08	14	4.71E-02	5.80E-08	1,000,000	5.80E-02
217	2.32012	5.7347E-05	1.33E-04	6.05E-04	8.05E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
218	2.12576	5.7347E-05	1.22E-04	6.05E-04	7.38E-08	14	4.71E-02	4.87E-08	1,000,000	4.87E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
220	1.79392	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
221	1.65158	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
222	2.2973	5.7347E-05	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
223	2.11761	5.7347E-05	1.21E-04	6.05E-04	7.35E-08	14	4.71E-02	4.85E-08	1,000,000	4.85E-02
224	1.95418	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
225	1.80591	5.7347E-05	1.04E-04	6.05E-04	6.27E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
226	1.66893	5.7347E-05	9.57E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
227	2.09298	5.7347E-05	1.20E-04	6.05E-04	7.26E-08	14	4.71E-02	4.79E-08	1,000,000	4.79E-02
228	1.94001	5.7347E-05	1.11E-04	6.05E-04	6.73E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
229	1.80122	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
230	1.67234	5.7347E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
231	1.91445	5.7347E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
232	1.78455	5.7347E-05	1.02E-04	6.05E-04	6.19E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
233	1.66477	5.7347E-05	9.55E-05	6.05E-04	5.78E-08	14	4.71E-02	3.81E-08	1,000,000	3.81E-02
234	1.55329	5.7347E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
235	1.75918	5.7347E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
236	1.64717	5.7347E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
237	1.54241	5.7347E-05	8.85E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
238	1.44603	5.7347E-05	8.29E-05	6.05E-04	5.02E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
239	1.62283	5.7347E-05	9.31E-05	6.05E-04	5.63E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
240	1.5251	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
241	1.43337	5.7347E-05	8.22E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
242	1.3492	5.7347E-05	7.74E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
243	2.36207	5.7347E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
244	2.27926	5.7347E-05	1.31E-04	6.05E-04	7.91E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
245	2.1789	5.7347E-05	1.25E-04	6.05E-04	7.56E-08	14	4.71E-02	4.99E-08	1,000,000	4.99E-02
246	2.06777	5.7347E-05	1.19E-04	6.05E-04	7.17E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
247	1.95153	5.7347E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
248	1.83804	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
249	1.72915	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
250	2.1434	5.7347E-05	1.23E-04	6.05E-04	7.44E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
251	2.07015	5.7347E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	1.14E-04	6.05E-04	6.88E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
253	1.88713	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
254	1.78696	5.7347E-05	1.02E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
255	1.68889	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
256	1.59341	5.7347E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
257	1.95519	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
258	1.89012	5.7347E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
259	1.81387	5.7347E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
260	1.73062	5.7347E-05	9.92E-05	6.05E-04	6.01E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
261	1.64368	5.7347E-05	9.43E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
262	1.55816	5.7347E-05	8.94E-05	6.05E-04	5.41E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
263	1.47497	5.7347E-05	8.46E-05	6.05E-04	5.12E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
264	1.79232	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
265	1.73408	5.7347E-05	9.94E-05	6.05E-04	6.02E-08	14	4.71E-02	3.97E-08	1,000,000	3.97E-02
266	1.6668	5.7347E-05	9.56E-05	6.05E-04	5.78E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
267	1.59397	5.7347E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
268	1.51875	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
269	1.44352	5.7347E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
270	1.37025	5.7347E-05	7.86E-05	6.05E-04	4.75E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
271	1.64975	5.7347E-05	9.46E-05	6.05E-04	5.72E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
272	1.59759	5.7347E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
273	1.53802	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
274	1.47386	5.7347E-05	8.45E-05	6.05E-04	5.11E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
275	1.40763	5.7347E-05	8.07E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
276	1.34162	5.7347E-05	7.69E-05	6.05E-04	4.66E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02
277	1.27656	5.7347E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
278	1.41921	5.7347E-05	8.14E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
279	1.48838	5.7347E-05	8.54E-05	6.05E-04	5.16E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
280	1.67451	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
281	1.65418	5.7347E-05	9.49E-05	6.05E-04	5.74E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
282	1.8361	5.7347E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
283	1.49743	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	3.97519	5.7347E-05	2.28E-04	6.05E-04	1.38E-07	9	4.71E-02	5.92E-08	1,000,000	5.92E-02
27	4.18377	5.7347E-05	2.40E-04	6.05E-04	1.45E-07	9	4.71E-02	6.23E-08	1,000,000	6.23E-02
28	4.40093	5.7347E-05	2.52E-04	6.05E-04	1.53E-07	9	4.71E-02	6.55E-08	1,000,000	6.55E-02
29	4.61983	5.7347E-05	2.65E-04	6.05E-04	1.60E-07	9	4.71E-02	6.88E-08	1,000,000	6.88E-02
30	4.83211	5.7347E-05	2.77E-04	6.05E-04	1.68E-07	9	4.71E-02	7.19E-08	1,000,000	7.19E-02
31	5.03023	5.7347E-05	2.88E-04	6.05E-04	1.75E-07	9	4.71E-02	7.49E-08	1,000,000	7.49E-02
32	5.20886	5.7347E-05	2.99E-04	6.05E-04	1.81E-07	9	4.71E-02	7.75E-08	1,000,000	7.75E-02
33	5.36465	5.7347E-05	3.08E-04	6.05E-04	1.86E-07	9	4.71E-02	7.99E-08	1,000,000	7.99E-02
34	5.49506	5.7347E-05	3.15E-04	6.05E-04	1.91E-07	9	4.71E-02	8.18E-08	1,000,000	8.18E-02
35	5.59687	5.7347E-05	3.21E-04	6.05E-04	1.94E-07	9	4.71E-02	8.33E-08	1,000,000	8.33E-02
36	5.6638	5.7347E-05	3.25E-04	6.05E-04	1.97E-07	9	4.71E-02	8.43E-08	1,000,000	8.43E-02
37	4.30893	5.7347E-05	2.47E-04	6.05E-04	1.50E-07	9	4.71E-02	6.41E-08	1,000,000	6.41E-02
38	4.54727	5.7347E-05	2.61E-04	6.05E-04	1.58E-07	9	4.71E-02	6.77E-08	1,000,000	6.77E-02
39	4.79614	5.7347E-05	2.75E-04	6.05E-04	1.66E-07	9	4.71E-02	7.14E-08	1,000,000	7.14E-02
40	5.04735	5.7347E-05	2.89E-04	6.05E-04	1.75E-07	9	4.71E-02	7.51E-08	1,000,000	7.51E-02
41	5.29062	5.7347E-05	3.03E-04	6.05E-04	1.84E-07	9	4.71E-02	7.88E-08	1,000,000	7.88E-02
42	5.51654	5.7347E-05	3.16E-04	6.05E-04	1.91E-07	9	4.71E-02	8.21E-08	1,000,000	8.21E-02
43	5.71838	5.7347E-05	3.28E-04	6.05E-04	1.98E-07	9	4.71E-02	8.51E-08	1,000,000	8.51E-02
44	5.89181	5.7347E-05	3.38E-04	6.05E-04	2.04E-07	9	4.71E-02	8.77E-08	1,000,000	8.77E-02
45	6.03335	5.7347E-05	3.46E-04	6.05E-04	2.09E-07	9	4.71E-02	8.98E-08	1,000,000	8.98E-02
46	6.13871	5.7347E-05	3.52E-04	6.05E-04	2.13E-07	9	4.71E-02	9.14E-08	1,000,000	9.14E-02
47	6.20022	5.7347E-05	3.56E-04	6.05E-04	2.15E-07	9	4.71E-02	9.23E-08	1,000,000	9.23E-02
48	4.68962	5.7347E-05	2.69E-04	6.05E-04	1.63E-07	9	4.71E-02	6.98E-08	1,000,000	6.98E-02
49	4.9639	5.7347E-05	2.85E-04	6.05E-04	1.72E-07	9	4.71E-02	7.39E-08	1,000,000	7.39E-02
50	5.25122	5.7347E-05	3.01E-04	6.05E-04	1.82E-07	9	4.71E-02	7.82E-08	1,000,000	7.82E-02
51	5.5417	5.7347E-05	3.18E-04	6.05E-04	1.92E-07	9	4.71E-02	8.25E-08	1,000,000	8.25E-02
52	5.82255	5.7347E-05	3.34E-04	6.05E-04	2.02E-07	9	4.71E-02	8.67E-08	1,000,000	8.67E-02
53	6.08186	5.7347E-05	3.49E-04	6.05E-04	2.11E-07	9	4.71E-02	9.05E-08	1,000,000	9.05E-02
54	6.31101	5.7347E-05	3.62E-04	6.05E-04	2.19E-07	9	4.71E-02	9.39E-08	1,000,000	9.39E-02
55	6.50428	5.7347E-05	3.73E-04	6.05E-04	2.26E-07	9	4.71E-02	9.68E-08	1,000,000	9.68E-02
56	6.65693	5.7347E-05	3.82E-04	6.05E-04	2.31E-07	9	4.71E-02	9.91E-08	1,000,000	9.91E-02
57	6.76322	5.7347E-05	3.88E-04	6.05E-04	2.35E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	3.91E-04	6.05E-04	2.36E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01
59	5.12676	5.7347E-05	2.94E-04	6.05E-04	1.78E-07	9	4.71E-02	7.63E-08	1,000,000	7.63E-02
60	5.44487	5.7347E-05	3.12E-04	6.05E-04	1.89E-07	9	4.71E-02	8.11E-08	1,000,000	8.11E-02
61	5.7793	5.7347E-05	3.31E-04	6.05E-04	2.01E-07	9	4.71E-02	8.60E-08	1,000,000	8.60E-02
62	6.11804	5.7347E-05	3.51E-04	6.05E-04	2.12E-07	9	4.71E-02	9.11E-08	1,000,000	9.11E-02
63	6.44495	5.7347E-05	3.70E-04	6.05E-04	2.24E-07	9	4.71E-02	9.59E-08	1,000,000	9.59E-02
64	6.74472	5.7347E-05	3.87E-04	6.05E-04	2.34E-07	9	4.71E-02	1.00E-07	1,000,000	1.00E-01
65	7.00613	5.7347E-05	4.02E-04	6.05E-04	2.43E-07	9	4.71E-02	1.04E-07	1,000,000	1.04E-01
66	7.2215	5.7347E-05	4.14E-04	6.05E-04	2.51E-07	9	4.71E-02	1.07E-07	1,000,000	1.07E-01
67	7.3843	5.7347E-05	4.23E-04	6.05E-04	2.56E-07	9	4.71E-02	1.10E-07	1,000,000	1.10E-01
68	7.48687	5.7347E-05	4.29E-04	6.05E-04	2.60E-07	9	4.71E-02	1.11E-07	1,000,000	1.11E-01
69	7.51786	5.7347E-05	4.31E-04	6.05E-04	2.61E-07	9	4.71E-02	1.12E-07	1,000,000	1.12E-01
70	5.63236	5.7347E-05	3.23E-04	6.05E-04	1.95E-07	9	4.71E-02	8.38E-08	1,000,000	8.38E-02
71	6.00456	5.7347E-05	3.44E-04	6.05E-04	2.08E-07	9	4.71E-02	8.94E-08	1,000,000	8.94E-02
72	6.39743	5.7347E-05	3.67E-04	6.05E-04	2.22E-07	9	4.71E-02	9.52E-08	1,000,000	9.52E-02
73	6.79621	5.7347E-05	3.90E-04	6.05E-04	2.36E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01
74	7.18024	5.7347E-05	4.12E-04	6.05E-04	2.49E-07	9	4.71E-02	1.07E-07	1,000,000	1.07E-01
75	7.52951	5.7347E-05	4.32E-04	6.05E-04	2.61E-07	9	4.71E-02	1.12E-07	1,000,000	1.12E-01
76	7.82912	5.7347E-05	4.49E-04	6.05E-04	2.72E-07	9	4.71E-02	1.17E-07	1,000,000	1.17E-01
77	8.06862	5.7347E-05	4.63E-04	6.05E-04	2.80E-07	9	4.71E-02	1.20E-07	1,000,000	1.20E-01
78	8.23891	5.7347E-05	4.72E-04	6.05E-04	2.86E-07	9	4.71E-02	1.23E-07	1,000,000	1.23E-01
79	8.32982	5.7347E-05	4.78E-04	6.05E-04	2.89E-07	9	4.71E-02	1.24E-07	1,000,000	1.24E-01
80	8.32798	5.7347E-05	4.78E-04	6.05E-04	2.89E-07	9	4.71E-02	1.24E-07	1,000,000	1.24E-01
81	6.22188	5.7347E-05	3.57E-04	6.05E-04	2.16E-07	9	4.71E-02	9.26E-08	1,000,000	9.26E-02
82	6.66169	5.7347E-05	3.82E-04	6.05E-04	2.31E-07	9	4.71E-02	9.92E-08	1,000,000	9.92E-02
83	7.12799	5.7347E-05	4.09E-04	6.05E-04	2.47E-07	9	4.71E-02	1.06E-07	1,000,000	1.06E-01
84	7.60251	5.7347E-05	4.36E-04	6.05E-04	2.64E-07	9	4.71E-02	1.13E-07	1,000,000	1.13E-01
85	8.05835	5.7347E-05	4.62E-04	6.05E-04	2.80E-07	9	4.71E-02	1.20E-07	1,000,000	1.20E-01
86	8.46882	5.7347E-05	4.86E-04	6.05E-04	2.94E-07	9	4.71E-02	1.26E-07	1,000,000	1.26E-01
87	8.81371	5.7347E-05	5.05E-04	6.05E-04	3.06E-07	9	4.71E-02	1.31E-07	1,000,000	1.31E-01
88	9.07855	5.7347E-05	5.21E-04	6.05E-04	3.15E-07	9	4.71E-02	1.35E-07	1,000,000	1.35E-01
89	9.2506	5.7347E-05	5.30E-04	6.05E-04	3.21E-07	9	4.71E-02	1.38E-07	1,000,000	1.38E-01
90	9.31654	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	5.31E-04	6.05E-04	3.21E-07	9	4.71E-02	1.38E-07	1,000,000	1.38E-01
92	6.91539	5.7347E-05	3.97E-04	6.05E-04	2.40E-07	9	4.71E-02	1.03E-07	1,000,000	1.03E-01
93	7.44093	5.7347E-05	4.27E-04	6.05E-04	2.58E-07	9	4.71E-02	1.11E-07	1,000,000	1.11E-01
94	8.00093	5.7347E-05	4.59E-04	6.05E-04	2.78E-07	9	4.71E-02	1.19E-07	1,000,000	1.19E-01
95	8.5725	5.7347E-05	4.92E-04	6.05E-04	2.97E-07	9	4.71E-02	1.28E-07	1,000,000	1.28E-01
96	9.11999	5.7347E-05	5.23E-04	6.05E-04	3.16E-07	9	4.71E-02	1.36E-07	1,000,000	1.36E-01
97	9.60699	5.7347E-05	5.51E-04	6.05E-04	3.33E-07	9	4.71E-02	1.43E-07	1,000,000	1.43E-01
98	10.00543	5.7347E-05	5.74E-04	6.05E-04	3.47E-07	9	4.71E-02	1.49E-07	1,000,000	1.49E-01
99	10.29485	5.7347E-05	5.90E-04	6.05E-04	3.57E-07	9	4.71E-02	1.53E-07	1,000,000	1.53E-01
100	10.45741	5.7347E-05	6.00E-04	6.05E-04	3.63E-07	9	4.71E-02	1.56E-07	1,000,000	1.56E-01
101	10.47624	5.7347E-05	6.01E-04	6.05E-04	3.64E-07	9	4.71E-02	1.56E-07	1,000,000	1.56E-01
102	10.33656	5.7347E-05	5.93E-04	6.05E-04	3.59E-07	9	4.71E-02	1.54E-07	1,000,000	1.54E-01
103	9.49191	5.7347E-05	5.44E-04	6.05E-04	3.29E-07	9	4.71E-02	1.41E-07	1,000,000	1.41E-01
104	10.14227	5.7347E-05	5.82E-04	6.05E-04	3.52E-07	9	4.71E-02	1.51E-07	1,000,000	1.51E-01
105	10.86169	5.7347E-05	6.23E-04	6.05E-04	3.77E-07	9	4.71E-02	1.62E-07	1,000,000	1.62E-01
106	11.30189	5.7347E-05	6.48E-04	6.05E-04	3.92E-07	9	4.71E-02	1.68E-07	1,000,000	1.68E-01
107	11.7758	5.7347E-05	6.75E-04	6.05E-04	4.09E-07	9	4.71E-02	1.75E-07	1,000,000	1.75E-01
108	11.90772	5.7347E-05	6.83E-04	6.05E-04	4.13E-07	9	4.71E-02	1.77E-07	1,000,000	1.77E-01
109	11.84283	5.7347E-05	6.79E-04	6.05E-04	4.11E-07	9	4.71E-02	1.76E-07	1,000,000	1.76E-01
110	11.57119	5.7347E-05	6.64E-04	6.05E-04	4.02E-07	9	4.71E-02	1.72E-07	1,000,000	1.72E-01
111	8.83534	5.7347E-05	5.07E-04	6.05E-04	3.07E-07	9	4.71E-02	1.32E-07	1,000,000	1.32E-01
112	8.12074	5.7347E-05	4.66E-04	6.05E-04	2.82E-07	9	4.71E-02	1.21E-07	1,000,000	1.21E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	5.73E-05	3.17E-05	2.50E-04	7.94E-09	14	1.15E-02	1.28E-09	1000000.0	1.3E-03
2	0.58861	5.7347E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
3	0.62853	5.7347E-05	3.60E-05	2.50E-04	9.02E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
4	0.67216	5.7347E-05	3.85E-05	2.50E-04	9.65E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
5	0.72166	5.7347E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
6	0.54874	5.7347E-05	3.15E-05	2.50E-04	7.88E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
7	0.58348	5.7347E-05	3.35E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
8	0.62239	5.7347E-05	3.57E-05	2.50E-04	8.93E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
9	0.66696	5.7347E-05	3.82E-05	2.50E-04	9.57E-09	14	1.15E-02	1.54E-09	1,000,000	1.54E-03
10	0.71606	5.7347E-05	4.11E-05	2.50E-04	1.03E-08	14	1.15E-02	1.65E-09	1,000,000	1.65E-03
11	0.54366	5.7347E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
12	0.57826	5.7347E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
13	0.61719	5.7347E-05	3.54E-05	2.50E-04	8.86E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
14	0.66195	5.7347E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
15	0.71117	5.7347E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
16	0.53892	5.7347E-05	3.09E-05	2.50E-04	7.73E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
17	0.57375	5.7347E-05	3.29E-05	2.50E-04	8.23E-09	14	1.15E-02	1.32E-09	1,000,000	1.32E-03
18	0.61251	5.7347E-05	3.51E-05	2.50E-04	8.79E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
19	0.65567	5.7347E-05	3.76E-05	2.50E-04	9.41E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
20	0.70538	5.7347E-05	4.05E-05	2.50E-04	1.01E-08	14	1.15E-02	1.63E-09	1,000,000	1.63E-03
21	0.53486	5.7347E-05	3.07E-05	2.50E-04	7.68E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
22	0.56956	5.7347E-05	3.27E-05	2.50E-04	8.17E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
23	0.60852	5.7347E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
24	0.65211	5.7347E-05	3.74E-05	2.50E-04	9.36E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
25	0.70079	5.7347E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
113	2.04061	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
114	1.88329	5.7347E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.34E-09	1,000,000	4.34E-03
115	1.74015	5.7347E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
116	1.61089	5.7347E-05	9.24E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
117	2.10693	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.86E-09	1,000,000	4.86E-03
118	1.93563	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
119	1.78215	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.11E-09	1,000,000	4.11E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
121	2.1689	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
122	1.98451	5.7347E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
123	1.82122	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.20E-09	1,000,000	4.20E-03
124	1.67647	5.7347E-05	9.61E-05	2.50E-04	2.41E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
125	2.22622	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
126	2.02948	5.7347E-05	1.16E-04	2.50E-04	2.91E-08	14	1.15E-02	4.68E-09	1,000,000	4.68E-03
127	1.8568	5.7347E-05	1.06E-04	2.50E-04	2.66E-08	14	1.15E-02	4.28E-09	1,000,000	4.28E-03
128	1.70475	5.7347E-05	9.78E-05	2.50E-04	2.45E-08	14	1.15E-02	3.93E-09	1,000,000	3.93E-03
129	2.27829	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
130	2.06988	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
131	1.88836	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
132	1.72958	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
133	2.32434	5.7347E-05	1.33E-04	2.50E-04	3.34E-08	14	1.15E-02	5.36E-09	1,000,000	5.36E-03
134	2.1052	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
135	1.91573	5.7347E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.42E-09	1,000,000	4.42E-03
136	1.75106	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
137	2.36399	5.7347E-05	1.36E-04	2.50E-04	3.39E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03
138	1.93925	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.47E-09	1,000,000	4.47E-03
139	1.76968	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
140	2.4485	5.7347E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
141	2.20041	5.7347E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
142	1.98997	5.7347E-05	1.14E-04	2.50E-04	2.86E-08	14	1.15E-02	4.59E-09	1,000,000	4.59E-03
143	1.80979	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
144	2.46473	5.7347E-05	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.68E-09	1,000,000	5.68E-03
145	2.21227	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
146	1.99861	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
147	1.81603	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
148	2.47326	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
149	2.21783	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
150	2.00208	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
151	1.81804	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
152	2.47365	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
154	2.00048	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
155	1.81601	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
156	2.46538	5.7347E-05	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.68E-09	1,000,000	5.68E-03
157	2.20934	5.7347E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.09E-09	1,000,000	5.09E-03
158	1.99349	5.7347E-05	1.14E-04	2.50E-04	2.86E-08	14	1.15E-02	4.59E-09	1,000,000	4.59E-03
159	1.80965	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
160	2.44658	5.7347E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
161	2.19332	5.7347E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
162	1.97972	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
163	1.79744	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
164	2.41472	5.7347E-05	1.38E-04	2.50E-04	3.47E-08	14	1.15E-02	5.57E-09	1,000,000	5.57E-03
165	2.16682	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	4.99E-09	1,000,000	4.99E-03
166	1.95575	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
167	1.77704	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
168	2.36828	5.7347E-05	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.46E-09	1,000,000	5.46E-03
169	2.12876	5.7347E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
170	1.92374	5.7347E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.43E-09	1,000,000	4.43E-03
171	1.75039	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
172	2.30645	5.7347E-05	1.32E-04	2.50E-04	3.31E-08	14	1.15E-02	5.32E-09	1,000,000	5.32E-03
173	2.07886	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.79E-09	1,000,000	4.79E-03
174	1.88301	5.7347E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.34E-09	1,000,000	4.34E-03
175	1.71625	5.7347E-05	9.84E-05	2.50E-04	2.46E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
176	2.22717	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
177	2.01604	5.7347E-05	1.16E-04	2.50E-04	2.89E-08	14	1.15E-02	4.65E-09	1,000,000	4.65E-03
178	1.83235	5.7347E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
179	1.67459	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
180	2.12727	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03
181	1.93704	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
182	1.76986	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
183	1.62422	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
184	2.6291	5.7347E-05	1.51E-04	2.50E-04	3.77E-08	14	1.15E-02	6.06E-09	1,000,000	6.06E-03
185	2.52128	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.81E-09	1,000,000	5.81E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
187	2.08789	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
188	1.90745	5.7347E-05	1.09E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
189	2.52303	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
190	2.3112	5.7347E-05	1.33E-04	2.50E-04	3.32E-08	14	1.15E-02	5.33E-09	1,000,000	5.33E-03
191	2.12306	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
192	1.95424	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
193	1.80023	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
194	2.2766	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
195	2.10152	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.84E-09	1,000,000	4.84E-03
196	1.94681	5.7347E-05	1.12E-04	2.50E-04	2.79E-08	14	1.15E-02	4.49E-09	1,000,000	4.49E-03
197	1.80646	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
198	1.68045	5.7347E-05	9.64E-05	2.50E-04	2.41E-08	14	1.15E-02	3.87E-09	1,000,000	3.87E-03
199	2.06409	5.7347E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
200	1.91097	5.7347E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
201	1.77805	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
202	1.66048	5.7347E-05	9.52E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
203	1.55518	5.7347E-05	8.92E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
204	2.78219	5.7347E-05	1.60E-04	2.50E-04	3.99E-08	14	1.15E-02	6.41E-09	1,000,000	6.41E-03
205	1.88969	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
206	1.74924	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
207	1.6284	5.7347E-05	9.34E-05	2.50E-04	2.34E-08	14	1.15E-02	3.75E-09	1,000,000	3.75E-03
208	1.5256	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
209	2.53774	5.7347E-05	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
210	2.29512	5.7347E-05	1.32E-04	2.50E-04	3.29E-08	14	1.15E-02	5.29E-09	1,000,000	5.29E-03
211	2.08388	5.7347E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
212	1.90263	5.7347E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
213	1.74782	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
214	1.61559	5.7347E-05	9.26E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
215	1.50352	5.7347E-05	8.62E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
216	2.53238	5.7347E-05	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
217	2.32012	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
218	2.12576	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
220	1.79392	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
221	1.65158	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
222	2.2973	5.7347E-05	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
223	2.11761	5.7347E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03
224	1.95418	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
225	1.80591	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
226	1.66893	5.7347E-05	9.57E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
227	2.09298	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.82E-09	1,000,000	4.82E-03
228	1.94001	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.47E-09	1,000,000	4.47E-03
229	1.80122	5.7347E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
230	1.67234	5.7347E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
231	1.91445	5.7347E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03
232	1.78455	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.11E-09	1,000,000	4.11E-03
233	1.66477	5.7347E-05	9.55E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
234	1.55329	5.7347E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
235	1.75918	5.7347E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
236	1.64717	5.7347E-05	9.45E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
237	1.54241	5.7347E-05	8.85E-05	2.50E-04	2.21E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
238	1.44603	5.7347E-05	8.29E-05	2.50E-04	2.08E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
239	1.62283	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
240	1.5251	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
241	1.43337	5.7347E-05	8.22E-05	2.50E-04	2.06E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
242	1.3492	5.7347E-05	7.74E-05	2.50E-04	1.94E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
243	2.36207	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
244	2.27926	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
245	2.1789	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.02E-09	1,000,000	5.02E-03
246	2.06777	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
247	1.95153	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
248	1.83804	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
249	1.72915	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
250	2.1434	5.7347E-05	1.23E-04	2.50E-04	3.08E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
251	2.07015	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
253	1.88713	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
254	1.78696	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
255	1.68889	5.7347E-05	9.69E-05	2.50E-04	2.42E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
256	1.59341	5.7347E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
257	1.95519	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
258	1.89012	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
259	1.81387	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
260	1.73062	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
261	1.64368	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
262	1.55816	5.7347E-05	8.94E-05	2.50E-04	2.24E-08	14	1.15E-02	3.59E-09	1,000,000	3.59E-03
263	1.47497	5.7347E-05	8.46E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
264	1.79232	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
265	1.73408	5.7347E-05	9.94E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
266	1.6668	5.7347E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
267	1.59397	5.7347E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
268	1.51875	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
269	1.44352	5.7347E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
270	1.37025	5.7347E-05	7.86E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
271	1.64975	5.7347E-05	9.46E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
272	1.59759	5.7347E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
273	1.53802	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
274	1.47386	5.7347E-05	8.45E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
275	1.40763	5.7347E-05	8.07E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
276	1.34162	5.7347E-05	7.69E-05	2.50E-04	1.93E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03
277	1.27656	5.7347E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
278	1.41921	5.7347E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
279	1.48838	5.7347E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
280	1.67451	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
281	1.65418	5.7347E-05	9.49E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
282	1.8361	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
283	1.49743	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

					Cancer Risk From Idle 4 - 17 to 30 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	3.97519	5.7347E-05	2.28E-04	2.50E-04	5.71E-08	29	1.15E-02	1.92E-08	1,000,000	1.92E-02
27	4.18377	5.7347E-05	2.40E-04	2.50E-04	6.00E-08	29	1.15E-02	2.02E-08	1,000,000	2.02E-02
28	4.40093	5.7347E-05	2.52E-04	2.50E-04	6.32E-08	29	1.15E-02	2.13E-08	1,000,000	2.13E-02
29	4.61983	5.7347E-05	2.65E-04	2.50E-04	6.63E-08	29	1.15E-02	2.23E-08	1,000,000	2.23E-02
30	4.83211	5.7347E-05	2.77E-04	2.50E-04	6.94E-08	29	1.15E-02	2.33E-08	1,000,000	2.33E-02
31	5.03023	5.7347E-05	2.88E-04	2.50E-04	7.22E-08	29	1.15E-02	2.43E-08	1,000,000	2.43E-02
32	5.20886	5.7347E-05	2.99E-04	2.50E-04	7.48E-08	29	1.15E-02	2.52E-08	1,000,000	2.52E-02
33	5.36465	5.7347E-05	3.08E-04	2.50E-04	7.70E-08	29	1.15E-02	2.59E-08	1,000,000	2.59E-02
34	5.49506	5.7347E-05	3.15E-04	2.50E-04	7.89E-08	29	1.15E-02	2.66E-08	1,000,000	2.66E-02
35	5.59687	5.7347E-05	3.21E-04	2.50E-04	8.03E-08	29	1.15E-02	2.70E-08	1,000,000	2.70E-02
36	5.6638	5.7347E-05	3.25E-04	2.50E-04	8.13E-08	29	1.15E-02	2.74E-08	1,000,000	2.74E-02
37	4.30893	5.7347E-05	2.47E-04	2.50E-04	6.18E-08	29	1.15E-02	2.08E-08	1,000,000	2.08E-02
38	4.54727	5.7347E-05	2.61E-04	2.50E-04	6.53E-08	29	1.15E-02	2.20E-08	1,000,000	2.20E-02
39	4.79614	5.7347E-05	2.75E-04	2.50E-04	6.88E-08	29	1.15E-02	2.32E-08	1,000,000	2.32E-02
40	5.04735	5.7347E-05	2.89E-04	2.50E-04	7.24E-08	29	1.15E-02	2.44E-08	1,000,000	2.44E-02
41	5.29062	5.7347E-05	3.03E-04	2.50E-04	7.59E-08	29	1.15E-02	2.56E-08	1,000,000	2.56E-02
42	5.51654	5.7347E-05	3.16E-04	2.50E-04	7.92E-08	29	1.15E-02	2.67E-08	1,000,000	2.67E-02
43	5.71838	5.7347E-05	3.28E-04	2.50E-04	8.21E-08	29	1.15E-02	2.76E-08	1,000,000	2.76E-02
44	5.89181	5.7347E-05	3.38E-04	2.50E-04	8.46E-08	29	1.15E-02	2.85E-08	1,000,000	2.85E-02
45	6.03335	5.7347E-05	3.46E-04	2.50E-04	8.66E-08	29	1.15E-02	2.92E-08	1,000,000	2.92E-02
46	6.13871	5.7347E-05	3.52E-04	2.50E-04	8.81E-08	29	1.15E-02	2.97E-08	1,000,000	2.97E-02
47	6.20022	5.7347E-05	3.56E-04	2.50E-04	8.90E-08	29	1.15E-02	3.00E-08	1,000,000	3.00E-02
48	4.68962	5.7347E-05	2.69E-04	2.50E-04	6.73E-08	29	1.15E-02	2.27E-08	1,000,000	2.27E-02
49	4.9639	5.7347E-05	2.85E-04	2.50E-04	7.12E-08	29	1.15E-02	2.40E-08	1,000,000	2.40E-02
50	5.25122	5.7347E-05	3.01E-04	2.50E-04	7.54E-08	29	1.15E-02	2.54E-08	1,000,000	2.54E-02
51	5.5417	5.7347E-05	3.18E-04	2.50E-04	7.95E-08	29	1.15E-02	2.68E-08	1,000,000	2.68E-02
52	5.82255	5.7347E-05	3.34E-04	2.50E-04	8.36E-08	29	1.15E-02	2.81E-08	1,000,000	2.81E-02
53	6.08186	5.7347E-05	3.49E-04	2.50E-04	8.73E-08	29	1.15E-02	2.94E-08	1,000,000	2.94E-02
54	6.31101	5.7347E-05	3.62E-04	2.50E-04	9.06E-08	29	1.15E-02	3.05E-08	1,000,000	3.05E-02
55	6.50428	5.7347E-05	3.73E-04	2.50E-04	9.34E-08	29	1.15E-02	3.14E-08	1,000,000	3.14E-02
56	6.65693	5.7347E-05	3.82E-04	2.50E-04	9.55E-08	29	1.15E-02	3.22E-08	1,000,000	3.22E-02
57	6.76322	5.7347E-05	3.88E-04	2.50E-04	9.71E-08	29	1.15E-02	3.27E-08	1,000,000	3.27E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	3.91E-04	2.50E-04	9.78E-08	29	1.15E-02	3.29E-08	1,000,000	3.29E-02
59	5.12676	5.7347E-05	2.94E-04	2.50E-04	7.36E-08	29	1.15E-02	2.48E-08	1,000,000	2.48E-02
60	5.44487	5.7347E-05	3.12E-04	2.50E-04	7.81E-08	29	1.15E-02	2.63E-08	1,000,000	2.63E-02
61	5.7793	5.7347E-05	3.31E-04	2.50E-04	8.29E-08	29	1.15E-02	2.79E-08	1,000,000	2.79E-02
62	6.11804	5.7347E-05	3.51E-04	2.50E-04	8.78E-08	29	1.15E-02	2.96E-08	1,000,000	2.96E-02
63	6.44495	5.7347E-05	3.70E-04	2.50E-04	9.25E-08	29	1.15E-02	3.11E-08	1,000,000	3.11E-02
64	6.74472	5.7347E-05	3.87E-04	2.50E-04	9.68E-08	29	1.15E-02	3.26E-08	1,000,000	3.26E-02
65	7.00613	5.7347E-05	4.02E-04	2.50E-04	1.01E-07	29	1.15E-02	3.39E-08	1,000,000	3.39E-02
66	7.2215	5.7347E-05	4.14E-04	2.50E-04	1.04E-07	29	1.15E-02	3.49E-08	1,000,000	3.49E-02
67	7.3843	5.7347E-05	4.23E-04	2.50E-04	1.06E-07	29	1.15E-02	3.57E-08	1,000,000	3.57E-02
68	7.48687	5.7347E-05	4.29E-04	2.50E-04	1.07E-07	29	1.15E-02	3.62E-08	1,000,000	3.62E-02
69	7.51786	5.7347E-05	4.31E-04	2.50E-04	1.08E-07	29	1.15E-02	3.63E-08	1,000,000	3.63E-02
70	5.63236	5.7347E-05	3.23E-04	2.50E-04	8.08E-08	29	1.15E-02	2.72E-08	1,000,000	2.72E-02
71	6.00456	5.7347E-05	3.44E-04	2.50E-04	8.62E-08	29	1.15E-02	2.90E-08	1,000,000	2.90E-02
72	6.39743	5.7347E-05	3.67E-04	2.50E-04	9.18E-08	29	1.15E-02	3.09E-08	1,000,000	3.09E-02
73	6.79621	5.7347E-05	3.90E-04	2.50E-04	9.75E-08	29	1.15E-02	3.28E-08	1,000,000	3.28E-02
74	7.18024	5.7347E-05	4.12E-04	2.50E-04	1.03E-07	29	1.15E-02	3.47E-08	1,000,000	3.47E-02
75	7.52951	5.7347E-05	4.32E-04	2.50E-04	1.08E-07	29	1.15E-02	3.64E-08	1,000,000	3.64E-02
76	7.82912	5.7347E-05	4.49E-04	2.50E-04	1.12E-07	29	1.15E-02	3.78E-08	1,000,000	3.78E-02
77	8.06862	5.7347E-05	4.63E-04	2.50E-04	1.16E-07	29	1.15E-02	3.90E-08	1,000,000	3.90E-02
78	8.23891	5.7347E-05	4.72E-04	2.50E-04	1.18E-07	29	1.15E-02	3.98E-08	1,000,000	3.98E-02
79	8.32982	5.7347E-05	4.78E-04	2.50E-04	1.20E-07	29	1.15E-02	4.03E-08	1,000,000	4.03E-02
80	8.32798	5.7347E-05	4.78E-04	2.50E-04	1.20E-07	29	1.15E-02	4.02E-08	1,000,000	4.02E-02
81	6.22188	5.7347E-05	3.57E-04	2.50E-04	8.93E-08	29	1.15E-02	3.01E-08	1,000,000	3.01E-02
82	6.66169	5.7347E-05	3.82E-04	2.50E-04	9.56E-08	29	1.15E-02	3.22E-08	1,000,000	3.22E-02
83	7.12799	5.7347E-05	4.09E-04	2.50E-04	1.02E-07	29	1.15E-02	3.44E-08	1,000,000	3.44E-02
84	7.60251	5.7347E-05	4.36E-04	2.50E-04	1.09E-07	29	1.15E-02	3.67E-08	1,000,000	3.67E-02
85	8.05835	5.7347E-05	4.62E-04	2.50E-04	1.16E-07	29	1.15E-02	3.89E-08	1,000,000	3.89E-02
86	8.46882	5.7347E-05	4.86E-04	2.50E-04	1.22E-07	29	1.15E-02	4.09E-08	1,000,000	4.09E-02
87	8.81371	5.7347E-05	5.05E-04	2.50E-04	1.26E-07	29	1.15E-02	4.26E-08	1,000,000	4.26E-02
88	9.07855	5.7347E-05	5.21E-04	2.50E-04	1.30E-07	29	1.15E-02	4.39E-08	1,000,000	4.39E-02
89	9.2506	5.7347E-05	5.30E-04	2.50E-04	1.33E-07	29	1.15E-02	4.47E-08	1,000,000	4.47E-02
90	9.31654	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	29	1.15E-02	4.50E-08	1,000,000	4.50E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	5.31E-04	2.50E-04	1.33E-07	29	1.15E-02	4.48E-08	1,000,000	4.48E-02
92	6.91539	5.7347E-05	3.97E-04	2.50E-04	9.93E-08	29	1.15E-02	3.34E-08	1,000,000	3.34E-02
93	7.44093	5.7347E-05	4.27E-04	2.50E-04	1.07E-07	29	1.15E-02	3.60E-08	1,000,000	3.60E-02
94	8.00093	5.7347E-05	4.59E-04	2.50E-04	1.15E-07	29	1.15E-02	3.87E-08	1,000,000	3.87E-02
95	8.5725	5.7347E-05	4.92E-04	2.50E-04	1.23E-07	29	1.15E-02	4.14E-08	1,000,000	4.14E-02
96	9.11999	5.7347E-05	5.23E-04	2.50E-04	1.31E-07	29	1.15E-02	4.41E-08	1,000,000	4.41E-02
97	9.60699	5.7347E-05	5.51E-04	2.50E-04	1.38E-07	29	1.15E-02	4.64E-08	1,000,000	4.64E-02
98	10.00543	5.7347E-05	5.74E-04	2.50E-04	1.44E-07	29	1.15E-02	4.83E-08	1,000,000	4.83E-02
99	10.29485	5.7347E-05	5.90E-04	2.50E-04	1.48E-07	29	1.15E-02	4.97E-08	1,000,000	4.97E-02
100	10.45741	5.7347E-05	6.00E-04	2.50E-04	1.50E-07	29	1.15E-02	5.05E-08	1,000,000	5.05E-02
101	10.47624	5.7347E-05	6.01E-04	2.50E-04	1.50E-07	29	1.15E-02	5.06E-08	1,000,000	5.06E-02
102	10.33656	5.7347E-05	5.93E-04	2.50E-04	1.48E-07	29	1.15E-02	4.99E-08	1,000,000	4.99E-02
103	9.49191	5.7347E-05	5.44E-04	2.50E-04	1.36E-07	29	1.15E-02	4.59E-08	1,000,000	4.59E-02
104	10.14227	5.7347E-05	5.82E-04	2.50E-04	1.46E-07	29	1.15E-02	4.90E-08	1,000,000	4.90E-02
105	10.86169	5.7347E-05	6.23E-04	2.50E-04	1.56E-07	29	1.15E-02	5.25E-08	1,000,000	5.25E-02
106	11.30189	5.7347E-05	6.48E-04	2.50E-04	1.62E-07	29	1.15E-02	5.46E-08	1,000,000	5.46E-02
107	11.7758	5.7347E-05	6.75E-04	2.50E-04	1.69E-07	29	1.15E-02	5.69E-08	1,000,000	5.69E-02
108	11.90772	5.7347E-05	6.83E-04	2.50E-04	1.71E-07	29	1.15E-02	5.75E-08	1,000,000	5.75E-02
109	11.84283	5.7347E-05	6.79E-04	2.50E-04	1.70E-07	29	1.15E-02	5.72E-08	1,000,000	5.72E-02
110	11.57119	5.7347E-05	6.64E-04	2.50E-04	1.66E-07	29	1.15E-02	5.59E-08	1,000,000	5.59E-02
111	8.83534	5.7347E-05	5.07E-04	2.50E-04	1.27E-07	29	1.15E-02	4.27E-08	1,000,000	4.27E-02
112	8.12074	5.7347E-05	4.66E-04	2.50E-04	1.17E-07	29	1.15E-02	3.92E-08	1,000,000	3.92E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

Receptor #	Max. Risk				*Chronic Non Cancer Risk*				
	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	2.1E-02	School	0.1773	108	5	1.90E-05	0.00041	108	School
2	2.2E-02	Res	0.1055	204	5	2.03E-05	0.0001	204	Res
3	2.4E-02	Teachers	0.058	108	5	2.16E-05	0.00041	108	Teachers
4	2.5E-02				5	2.31E-05			
5	2.7E-02				5	2.48E-05			
6	2.1E-02				5	1.89E-05			
7	2.2E-02				5	2.01E-05			
8	2.4E-02				5	2.14E-05			
9	2.5E-02				5	2.29E-05			
10	2.7E-02				5	2.46E-05			
11	2.1E-02				5	1.87E-05			
12	2.2E-02				5	1.99E-05			
13	2.3E-02				5	2.12E-05			
14	2.5E-02				5	2.28E-05			
15	2.7E-02				5	2.45E-05			
16	2.0E-02				5	1.85E-05			
17	2.2E-02				5	1.97E-05			
18	2.3E-02				5	2.11E-05			
19	2.5E-02				5	2.26E-05			
20	2.7E-02				5	2.43E-05			
21	2.0E-02				5	1.84E-05			
22	2.2E-02				5	1.96E-05			
23	2.3E-02				5	2.09E-05			
24	2.5E-02				5	2.24E-05			
25	2.7E-02				5	2.41E-05			
113	7.7E-02				5	7.02E-05			
114	7.1E-02				5	6.48E-05			
115	6.6E-02				5	5.99E-05			
116	6.1E-02				5	5.54E-05			
117	8.0E-02				5	7.25E-05			
118	7.3E-02				5	6.66E-05			
119	6.8E-02				5	6.13E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	6.2E-02				5	5.66E-05		
121	8.2E-02				5	7.46E-05		
122	7.5E-02				5	6.83E-05		
123	6.9E-02				5	6.27E-05		
124	6.4E-02				5	5.77E-05		
125	8.4E-02				5	7.66E-05		
126	7.7E-02				5	6.98E-05		
127	7.0E-02				5	6.39E-05		
128	6.5E-02				5	5.87E-05		
129	8.6E-02				5	7.84E-05		
130	7.8E-02				5	7.12E-05		
131	7.2E-02				5	6.50E-05		
132	6.6E-02				5	5.95E-05		
133	8.8E-02				5	8.00E-05		
134	8.0E-02				5	7.24E-05		
135	7.3E-02				5	6.59E-05		
136	6.6E-02				5	6.03E-05		
137	9.0E-02				5	8.13E-05		
138	7.4E-02				5	6.67E-05		
139	6.7E-02				5	6.09E-05		
140	9.3E-02				5	8.42E-05		
141	8.3E-02				5	7.57E-05		
142	7.5E-02				5	6.85E-05		
143	6.9E-02				5	6.23E-05		
144	9.3E-02				5	8.48E-05		
145	8.4E-02				5	7.61E-05		
146	7.6E-02				5	6.88E-05		
147	6.9E-02				5	6.25E-05		
148	9.4E-02				5	8.51E-05		
149	8.4E-02				5	7.63E-05		
150	7.6E-02				5	6.89E-05		
151	6.9E-02				5	6.26E-05		
152	9.4E-02				5	8.51E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	8.4E-02				5	7.63E-05		
154	7.6E-02				5	6.88E-05		
155	6.9E-02				5	6.25E-05		
156	9.3E-02				5	8.48E-05		
157	8.4E-02				5	7.60E-05		
158	7.6E-02				5	6.86E-05		
159	6.9E-02				5	6.23E-05		
160	9.3E-02				5	8.42E-05		
161	8.3E-02				5	7.55E-05		
162	7.5E-02				5	6.81E-05		
163	6.8E-02				5	6.18E-05		
164	9.2E-02				5	8.31E-05		
165	8.2E-02				5	7.46E-05		
166	7.4E-02				5	6.73E-05		
167	6.7E-02				5	6.11E-05		
168	9.0E-02				5	8.15E-05		
169	8.1E-02				5	7.32E-05		
170	7.3E-02				5	6.62E-05		
171	6.6E-02				5	6.02E-05		
172	8.7E-02				5	7.94E-05		
173	7.9E-02				5	7.15E-05		
174	7.1E-02				5	6.48E-05		
175	6.5E-02				5	5.91E-05		
176	8.4E-02				5	7.66E-05		
177	7.6E-02				5	6.94E-05		
178	6.9E-02				5	6.30E-05		
179	6.4E-02				5	5.76E-05		
180	8.1E-02				5	7.32E-05		
181	7.3E-02				5	6.66E-05		
182	6.7E-02				5	6.09E-05		
183	6.2E-02				5	5.59E-05		
184	1.0E-01				5	9.05E-05		
185	9.6E-02				5	8.68E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	8.7E-02				5	7.88E-05		
187	7.9E-02				5	7.18E-05		
188	7.2E-02				5	6.56E-05		
189	9.6E-02				5	8.68E-05		
190	8.8E-02				5	7.95E-05		
191	8.1E-02				5	7.31E-05		
192	7.4E-02				5	6.72E-05		
193	6.8E-02				5	6.19E-05		
194	8.6E-02				5	7.83E-05		
195	8.0E-02				5	7.23E-05		
196	7.4E-02				5	6.70E-05		
197	6.9E-02				5	6.22E-05		
198	6.4E-02				5	5.78E-05		
199	7.8E-02				5	7.10E-05		
200	7.2E-02				5	6.58E-05		
201	6.7E-02				5	6.12E-05		
202	6.3E-02				5	5.71E-05		
203	5.9E-02				5	5.35E-05		
204	1.1E-01				5	9.57E-05		
205	7.2E-02				5	6.50E-05		
206	6.6E-02				5	6.02E-05		
207	6.2E-02				5	5.60E-05		
208	5.8E-02				5	5.25E-05		
209	9.6E-02				5	8.73E-05		
210	8.7E-02				5	7.90E-05		
211	7.9E-02				5	7.17E-05		
212	7.2E-02				5	6.55E-05		
213	6.6E-02				5	6.01E-05		
214	6.1E-02				5	5.56E-05		
215	5.7E-02				5	5.17E-05		
216	9.6E-02				5	8.71E-05		
217	8.8E-02				5	7.98E-05		
218	8.1E-02				5	7.31E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	7.4E-02				5	6.72E-05		
220	6.8E-02				5	6.17E-05		
221	6.3E-02				5	5.68E-05		
222	8.7E-02				5	7.90E-05		
223	8.0E-02				5	7.29E-05		
224	7.4E-02				5	6.72E-05		
225	6.8E-02				5	6.21E-05		
226	6.3E-02				5	5.74E-05		
227	7.9E-02				5	7.20E-05		
228	7.4E-02				5	6.68E-05		
229	6.8E-02				5	6.20E-05		
230	6.3E-02				5	5.75E-05		
231	7.3E-02				5	6.59E-05		
232	6.8E-02				5	6.14E-05		
233	6.3E-02				5	5.73E-05		
234	5.9E-02				5	5.34E-05		
235	6.7E-02				5	6.05E-05		
236	6.2E-02				5	5.67E-05		
237	5.8E-02				5	5.31E-05		
238	5.5E-02				5	4.98E-05		
239	6.2E-02				5	5.58E-05		
240	5.8E-02				5	5.25E-05		
241	5.4E-02				5	4.93E-05		
242	5.1E-02				5	4.64E-05		
243	9.0E-02				5	8.13E-05		
244	8.6E-02				5	7.84E-05		
245	8.3E-02				5	7.50E-05		
246	7.8E-02				5	7.11E-05		
247	7.4E-02				5	6.71E-05		
248	7.0E-02				5	6.32E-05		
249	6.6E-02				5	5.95E-05		
250	8.1E-02				5	7.37E-05		
251	7.9E-02				5	7.12E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	7.5E-02				5	6.82E-05		
253	7.2E-02				5	6.49E-05		
254	6.8E-02				5	6.15E-05		
255	6.4E-02				5	5.81E-05		
256	6.0E-02				5	5.48E-05		
257	7.4E-02				5	6.73E-05		
258	7.2E-02				5	6.50E-05		
259	6.9E-02				5	6.24E-05		
260	6.6E-02				5	5.95E-05		
261	6.2E-02				5	5.66E-05		
262	5.9E-02				5	5.36E-05		
263	5.6E-02				5	5.08E-05		
264	6.8E-02				5	6.17E-05		
265	6.6E-02				5	5.97E-05		
266	6.3E-02				5	5.74E-05		
267	6.0E-02				5	5.48E-05		
268	5.8E-02				5	5.23E-05		
269	5.5E-02				5	4.97E-05		
270	5.2E-02				5	4.71E-05		
271	6.3E-02				5	5.68E-05		
272	6.1E-02				5	5.50E-05		
273	5.8E-02				5	5.29E-05		
274	5.6E-02				5	5.07E-05		
275	5.3E-02				5	4.84E-05		
276	5.1E-02				5	4.62E-05		
277	4.8E-02				5	4.39E-05		
278	5.4E-02				5	4.88E-05		
279	5.6E-02				5	5.12E-05		
280	6.4E-02				5	5.76E-05		
281	6.3E-02				5	5.69E-05		
282	7.0E-02				5	6.32E-05		
283	5.7E-02				5	5.15E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	5.9E-02	1.9E-02			5	1.37E-04		
27	6.2E-02	2.0E-02			5	1.44E-04		
28	6.6E-02	2.1E-02			5	1.51E-04		
29	6.9E-02	2.2E-02			5	1.59E-04		
30	7.2E-02	2.3E-02			5	1.66E-04		
31	7.5E-02	2.4E-02			5	1.73E-04		
32	7.8E-02	2.5E-02			5	1.79E-04		
33	8.0E-02	2.6E-02			5	1.85E-04		
34	8.2E-02	2.7E-02			5	1.89E-04		
35	8.3E-02	2.7E-02			5	1.93E-04		
36	8.4E-02	2.7E-02			5	1.95E-04		
37	6.4E-02	2.1E-02			5	1.48E-04		
38	6.8E-02	2.2E-02			5	1.56E-04		
39	7.1E-02	2.3E-02			5	1.65E-04		
40	7.5E-02	2.4E-02			5	1.74E-04		
41	7.9E-02	2.6E-02			5	1.82E-04		
42	8.2E-02	2.7E-02			5	1.90E-04		
43	8.5E-02	2.8E-02			5	1.97E-04		
44	8.8E-02	2.8E-02			5	2.03E-04		
45	9.0E-02	2.9E-02			5	2.08E-04		
46	9.1E-02	3.0E-02			5	2.11E-04		
47	9.2E-02	3.0E-02			5	2.13E-04		
48	7.0E-02	2.3E-02			5	1.61E-04		
49	7.4E-02	2.4E-02			5	1.71E-04		
50	7.8E-02	2.5E-02			5	1.81E-04		
51	8.2E-02	2.7E-02			5	1.91E-04		
52	8.7E-02	2.8E-02			5	2.00E-04		
53	9.1E-02	2.9E-02			5	2.09E-04		
54	9.4E-02	3.0E-02			5	2.17E-04		
55	9.7E-02	3.1E-02			5	2.24E-04		
56	9.9E-02	3.2E-02			5	2.29E-04		
57	1.0E-01	3.3E-02			5	2.33E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.0E-01	3.3E-02			5	2.34E-04		
59	7.6E-02	2.5E-02			5	1.76E-04		
60	8.1E-02	2.6E-02			5	1.87E-04		
61	8.6E-02	2.8E-02			5	1.99E-04		
62	9.1E-02	3.0E-02			5	2.11E-04		
63	9.6E-02	3.1E-02			5	2.22E-04		
64	1.0E-01	3.3E-02			5	2.32E-04		
65	1.0E-01	3.4E-02			5	2.41E-04		
66	1.1E-01	3.5E-02			5	2.48E-04		
67	1.1E-01	3.6E-02			5	2.54E-04		
68	1.1E-01	3.6E-02			5	2.58E-04		
69	1.1E-01	3.6E-02			5	2.59E-04		
70	8.4E-02	2.7E-02			5	1.94E-04		
71	8.9E-02	2.9E-02			5	2.07E-04		
72	9.5E-02	3.1E-02			5	2.20E-04		
73	1.0E-01	3.3E-02			5	2.34E-04		
74	1.1E-01	3.5E-02			5	2.47E-04		
75	1.1E-01	3.6E-02			5	2.59E-04		
76	1.2E-01	3.8E-02			5	2.69E-04		
77	1.2E-01	3.9E-02			5	2.78E-04		
78	1.2E-01	4.0E-02			5	2.83E-04		
79	1.2E-01	4.0E-02			5	2.87E-04		
80	1.2E-01	4.0E-02			5	2.87E-04		
81	9.3E-02	3.0E-02			5	2.14E-04		
82	9.9E-02	3.2E-02			5	2.29E-04		
83	1.1E-01	3.4E-02			5	2.45E-04		
84	1.1E-01	3.7E-02			5	2.62E-04		
85	1.2E-01	3.9E-02			5	2.77E-04		
86	1.3E-01	4.1E-02			5	2.91E-04		
87	1.3E-01	4.3E-02			5	3.03E-04		
88	1.4E-01	4.4E-02			5	3.12E-04		
89	1.4E-01	4.5E-02			5	3.18E-04		
90	1.4E-01	4.5E-02			5	3.21E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	1.4E-01	4.5E-02			5	3.19E-04		
92	1.0E-01	3.3E-02			5	2.38E-04		
93	1.1E-01	3.6E-02			5	2.56E-04		
94	1.2E-01	3.9E-02			5	2.75E-04		
95	1.3E-01	4.1E-02			5	2.95E-04		
96	1.4E-01	4.4E-02			5	3.14E-04		
97	1.4E-01	4.6E-02			5	3.31E-04		
98	1.5E-01	4.8E-02			5	3.44E-04		
99	1.5E-01	5.0E-02			5	3.54E-04		
100	1.6E-01	5.1E-02			5	3.60E-04		
101	1.6E-01	5.1E-02			5	3.60E-04		
102	1.5E-01	5.0E-02			5	3.56E-04		
103	1.4E-01	4.6E-02			5	3.27E-04		
104	1.5E-01	4.9E-02			5	3.49E-04		
105	1.6E-01	5.2E-02			5	3.74E-04		
106	1.7E-01	5.5E-02			5	3.89E-04		
107	1.8E-01	5.7E-02			5	4.05E-04		
108	1.8E-01	5.8E-02			5	4.10E-04		
109	1.8E-01	5.7E-02			5	4.07E-04		
110	1.7E-01	5.6E-02			5	3.98E-04		
111	1.3E-01	4.3E-02			5	3.04E-04		
112	1.2E-01	3.9E-02			5	2.79E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	**5.73E-05**	2.66E-05	1.05E-03	2.78E-08	1.35	1.57E-01	5.89E-09	1,000,000	5.89E-03
2	0.49007	5.7347E-05	2.8104E-05	1.05E-03	2.94E-08	1.35	1.57E-01	6.23E-09	1,000,000	6.23E-03
3	0.51995	5.7347E-05	2.9817E-05	1.05E-03	3.12E-08	1.35	1.57E-01	6.61E-09	1,000,000	6.61E-03
4	0.55237	5.7347E-05	3.1677E-05	1.05E-03	3.31E-08	1.35	1.57E-01	7.02E-09	1,000,000	7.02E-03
5	0.58882	5.7347E-05	3.3767E-05	1.05E-03	3.53E-08	1.35	1.57E-01	7.49E-09	1,000,000	7.49E-03
6	0.4603	5.7347E-05	2.6397E-05	1.05E-03	2.76E-08	1.35	1.57E-01	5.85E-09	1,000,000	5.85E-03
7	0.48669	5.7347E-05	2.791E-05	1.05E-03	2.92E-08	1.35	1.57E-01	6.19E-09	1,000,000	6.19E-03
8	0.51602	5.7347E-05	2.9592E-05	1.05E-03	3.09E-08	1.35	1.57E-01	6.56E-09	1,000,000	6.56E-03
9	0.5493	5.7347E-05	3.15E-05	1.05E-03	3.29E-08	1.35	1.57E-01	6.98E-09	1,000,000	6.98E-03
10	0.58568	5.7347E-05	3.3587E-05	1.05E-03	3.51E-08	1.35	1.57E-01	7.45E-09	1,000,000	7.45E-03
11	0.45692	5.7347E-05	2.6203E-05	1.05E-03	2.74E-08	1.35	1.57E-01	5.81E-09	1,000,000	5.81E-03
12	0.48335	5.7347E-05	2.7718E-05	1.05E-03	2.90E-08	1.35	1.57E-01	6.15E-09	1,000,000	6.15E-03
13	0.51286	5.7347E-05	2.9411E-05	1.05E-03	3.07E-08	1.35	1.57E-01	6.52E-09	1,000,000	6.52E-03
14	0.54645	5.7347E-05	3.1337E-05	1.05E-03	3.28E-08	1.35	1.57E-01	6.95E-09	1,000,000	6.95E-03
15	0.58308	5.7347E-05	3.3438E-05	1.05E-03	3.49E-08	1.35	1.57E-01	7.41E-09	1,000,000	7.41E-03
16	0.45388	5.7347E-05	2.6028E-05	1.05E-03	2.72E-08	1.35	1.57E-01	5.77E-09	1,000,000	5.77E-03
17	0.48061	5.7347E-05	2.7561E-05	1.05E-03	2.88E-08	1.35	1.57E-01	6.11E-09	1,000,000	6.11E-03
18	0.51014	5.7347E-05	2.9255E-05	1.05E-03	3.06E-08	1.35	1.57E-01	6.49E-09	1,000,000	6.49E-03
19	0.54274	5.7347E-05	3.1124E-05	1.05E-03	3.25E-08	1.35	1.57E-01	6.90E-09	1,000,000	6.90E-03
20	0.57983	5.7347E-05	3.3251E-05	1.05E-03	3.48E-08	1.35	1.57E-01	7.37E-09	1,000,000	7.37E-03
21	0.45139	5.7347E-05	2.5886E-05	1.05E-03	2.71E-08	1.35	1.57E-01	5.74E-09	1,000,000	5.74E-03
22	0.47814	5.7347E-05	2.742E-05	1.05E-03	2.87E-08	1.35	1.57E-01	6.08E-09	1,000,000	6.08E-03
23	0.50791	5.7347E-05	2.9127E-05	1.05E-03	3.04E-08	1.35	1.57E-01	6.46E-09	1,000,000	6.46E-03
24	0.54088	5.7347E-05	3.1018E-05	1.05E-03	3.24E-08	1.35	1.57E-01	6.88E-09	1,000,000	6.88E-03
25	0.57729	5.7347E-05	3.3106E-05	1.05E-03	3.46E-08	1.35	1.57E-01	7.34E-09	1,000,000	7.34E-03
113	2.95468	5.7347E-05	0.00016944	1.05E-03	1.77E-07	1.35	1.57E-01	3.76E-08	1,000,000	3.76E-02
114	2.65926	5.7347E-05	0.0001525	1.05E-03	1.59E-07	1.35	1.57E-01	3.38E-08	1,000,000	3.38E-02
115	2.40236	5.7347E-05	0.00013777	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
116	2.17918	5.7347E-05	0.00012497	1.05E-03	1.31E-07	1.35	1.57E-01	2.77E-08	1,000,000	2.77E-02
117	3.05482	5.7347E-05	0.00017518	1.05E-03	1.83E-07	1.35	1.57E-01	3.88E-08	1,000,000	3.88E-02
118	2.73368	5.7347E-05	0.00015677	1.05E-03	1.64E-07	1.35	1.57E-01	3.48E-08	1,000,000	3.48E-02
119	2.45863	5.7347E-05	0.00014099	1.05E-03	1.47E-07	1.35	1.57E-01	3.13E-08	1,000,000	3.13E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	0.00012744	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
121	3.14401	5.7347E-05	0.0001803	1.05E-03	1.88E-07	1.35	1.57E-01	4.00E-08	1,000,000	4.00E-02
122	2.79936	5.7347E-05	0.00016053	1.05E-03	1.68E-07	1.35	1.57E-01	3.56E-08	1,000,000	3.56E-02
123	2.50772	5.7347E-05	0.00014381	1.05E-03	1.50E-07	1.35	1.57E-01	3.19E-08	1,000,000	3.19E-02
124	2.2594	5.7347E-05	0.00012957	1.05E-03	1.35E-07	1.35	1.57E-01	2.87E-08	1,000,000	2.87E-02
125	3.22113	5.7347E-05	0.00018472	1.05E-03	1.93E-07	1.35	1.57E-01	4.10E-08	1,000,000	4.10E-02
126	2.85559	5.7347E-05	0.00016376	1.05E-03	1.71E-07	1.35	1.57E-01	3.63E-08	1,000,000	3.63E-02
127	2.54947	5.7347E-05	0.0001462	1.05E-03	1.53E-07	1.35	1.57E-01	3.24E-08	1,000,000	3.24E-02
128	2.29099	5.7347E-05	0.00013138	1.05E-03	1.37E-07	1.35	1.57E-01	2.91E-08	1,000,000	2.91E-02
129	3.28577	5.7347E-05	0.00018843	1.05E-03	1.97E-07	1.35	1.57E-01	4.18E-08	1,000,000	4.18E-02
130	2.90257	5.7347E-05	0.00016645	1.05E-03	1.74E-07	1.35	1.57E-01	3.69E-08	1,000,000	3.69E-02
131	2.58446	5.7347E-05	0.00014821	1.05E-03	1.55E-07	1.35	1.57E-01	3.29E-08	1,000,000	3.29E-02
132	2.31768	5.7347E-05	0.00013291	1.05E-03	1.39E-07	1.35	1.57E-01	2.95E-08	1,000,000	2.95E-02
133	3.33854	5.7347E-05	0.00019145	1.05E-03	2.00E-07	1.35	1.57E-01	4.25E-08	1,000,000	4.25E-02
134	2.94105	5.7347E-05	0.00016866	1.05E-03	1.76E-07	1.35	1.57E-01	3.74E-08	1,000,000	3.74E-02
135	2.61321	5.7347E-05	0.00014986	1.05E-03	1.57E-07	1.35	1.57E-01	3.32E-08	1,000,000	3.32E-02
136	2.33957	5.7347E-05	0.00013417	1.05E-03	1.40E-07	1.35	1.57E-01	2.97E-08	1,000,000	2.97E-02
137	3.37977	5.7347E-05	0.00019382	1.05E-03	2.03E-07	1.35	1.57E-01	4.30E-08	1,000,000	4.30E-02
138	2.63505	5.7347E-05	0.00015111	1.05E-03	1.58E-07	1.35	1.57E-01	3.35E-08	1,000,000	3.35E-02
139	2.35574	5.7347E-05	0.00013509	1.05E-03	1.41E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
140	3.41683	5.7347E-05	0.00019594	1.05E-03	2.05E-07	1.35	1.57E-01	4.34E-08	1,000,000	4.34E-02
141	2.99266	5.7347E-05	0.00017162	1.05E-03	1.79E-07	1.35	1.57E-01	3.81E-08	1,000,000	3.81E-02
142	2.64698	5.7347E-05	0.0001518	1.05E-03	1.59E-07	1.35	1.57E-01	3.37E-08	1,000,000	3.37E-02
143	2.36117	5.7347E-05	0.0001354	1.05E-03	1.42E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
144	3.39313	5.7347E-05	0.00019458	1.05E-03	2.03E-07	1.35	1.57E-01	4.31E-08	1,000,000	4.31E-02
145	2.97258	5.7347E-05	0.00017047	1.05E-03	1.78E-07	1.35	1.57E-01	3.78E-08	1,000,000	3.78E-02
146	2.62985	5.7347E-05	0.00015081	1.05E-03	1.58E-07	1.35	1.57E-01	3.34E-08	1,000,000	3.34E-02
147	2.34645	5.7347E-05	0.00013456	1.05E-03	1.41E-07	1.35	1.57E-01	2.98E-08	1,000,000	2.98E-02
148	3.34522	5.7347E-05	0.00019184	1.05E-03	2.01E-07	1.35	1.57E-01	4.25E-08	1,000,000	4.25E-02
149	2.93411	5.7347E-05	0.00016826	1.05E-03	1.76E-07	1.35	1.57E-01	3.73E-08	1,000,000	3.73E-02
150	2.59842	5.7347E-05	0.00014901	1.05E-03	1.56E-07	1.35	1.57E-01	3.30E-08	1,000,000	3.30E-02
151	2.3204	5.7347E-05	0.00013307	1.05E-03	1.39E-07	1.35	1.57E-01	2.95E-08	1,000,000	2.95E-02
152	3.26853	5.7347E-05	0.00018744	1.05E-03	1.96E-07	1.35	1.57E-01	4.16E-08	1,000,000	4.16E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	0.00016482	1.05E-03	1.72E-07	1.35	1.57E-01	3.65E-08	1,000,000	3.65E-02
154	2.55044	5.7347E-05	0.00014626	1.05E-03	1.53E-07	1.35	1.57E-01	3.24E-08	1,000,000	3.24E-02
155	2.2813	5.7347E-05	0.00013082	1.05E-03	1.37E-07	1.35	1.57E-01	2.90E-08	1,000,000	2.90E-02
156	3.15854	5.7347E-05	0.00018113	1.05E-03	1.89E-07	1.35	1.57E-01	4.02E-08	1,000,000	4.02E-02
157	2.7901	5.7347E-05	0.00016	1.05E-03	1.67E-07	1.35	1.57E-01	3.55E-08	1,000,000	3.55E-02
158	2.48459	5.7347E-05	0.00014248	1.05E-03	1.49E-07	1.35	1.57E-01	3.16E-08	1,000,000	3.16E-02
159	2.22854	5.7347E-05	0.0001278	1.05E-03	1.34E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02
160	3.00961	5.7347E-05	0.00017259	1.05E-03	1.80E-07	1.35	1.57E-01	3.83E-08	1,000,000	3.83E-02
161	2.67826	5.7347E-05	0.00015359	1.05E-03	1.61E-07	1.35	1.57E-01	3.41E-08	1,000,000	3.41E-02
162	2.39859	5.7347E-05	0.00013755	1.05E-03	1.44E-07	1.35	1.57E-01	3.05E-08	1,000,000	3.05E-02
163	2.1605	5.7347E-05	0.0001239	1.05E-03	1.29E-07	1.35	1.57E-01	2.75E-08	1,000,000	2.75E-02
164	2.8193	5.7347E-05	0.00016168	1.05E-03	1.69E-07	1.35	1.57E-01	3.58E-08	1,000,000	3.58E-02
165	2.53484	5.7347E-05	0.00014536	1.05E-03	1.52E-07	1.35	1.57E-01	3.22E-08	1,000,000	3.22E-02
166	2.28657	5.7347E-05	0.00013113	1.05E-03	1.37E-07	1.35	1.57E-01	2.91E-08	1,000,000	2.91E-02
167	2.0733	5.7347E-05	0.0001189	1.05E-03	1.24E-07	1.35	1.57E-01	2.64E-08	1,000,000	2.64E-02
168	2.59628	5.7347E-05	0.00014889	1.05E-03	1.56E-07	1.35	1.57E-01	3.30E-08	1,000,000	3.30E-02
169	2.36192	5.7347E-05	0.00013545	1.05E-03	1.42E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
170	2.15194	5.7347E-05	0.00012341	1.05E-03	1.29E-07	1.35	1.57E-01	2.74E-08	1,000,000	2.74E-02
171	1.96845	5.7347E-05	0.00011288	1.05E-03	1.18E-07	1.35	1.57E-01	2.50E-08	1,000,000	2.50E-02
172	2.36138	5.7347E-05	0.00013542	1.05E-03	1.42E-07	1.35	1.57E-01	3.00E-08	1,000,000	3.00E-02
173	2.17117	5.7347E-05	0.00012451	1.05E-03	1.30E-07	1.35	1.57E-01	2.76E-08	1,000,000	2.76E-02
174	1.9989	5.7347E-05	0.00011463	1.05E-03	1.20E-07	1.35	1.57E-01	2.54E-08	1,000,000	2.54E-02
175	1.8455	5.7347E-05	0.00010583	1.05E-03	1.11E-07	1.35	1.57E-01	2.35E-08	1,000,000	2.35E-02
176	2.13864	5.7347E-05	0.00012264	1.05E-03	1.28E-07	1.35	1.57E-01	2.72E-08	1,000,000	2.72E-02
177	1.98045	5.7347E-05	0.00011357	1.05E-03	1.19E-07	1.35	1.57E-01	2.52E-08	1,000,000	2.52E-02
178	1.83829	5.7347E-05	0.00010542	1.05E-03	1.10E-07	1.35	1.57E-01	2.34E-08	1,000,000	2.34E-02
179	1.71159	5.7347E-05	9.8154E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.18E-08	1,000,000	2.18E-02
180	1.94462	5.7347E-05	0.00011152	1.05E-03	1.17E-07	1.35	1.57E-01	2.47E-08	1,000,000	2.47E-02
181	1.80541	5.7347E-05	0.00010353	1.05E-03	1.08E-07	1.35	1.57E-01	2.30E-08	1,000,000	2.30E-02
182	1.68396	5.7347E-05	9.6569E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.14E-08	1,000,000	2.14E-02
183	1.57725	5.7347E-05	9.045E-05	1.05E-03	9.45E-08	1.35	1.57E-01	2.01E-08	1,000,000	2.01E-02
184	2.83203	5.7347E-05	0.00016241	1.05E-03	1.70E-07	1.35	1.57E-01	3.60E-08	1,000,000	3.60E-02
185	2.22573	5.7347E-05	0.00012764	1.05E-03	1.33E-07	1.35	1.57E-01	2.83E-08	1,000,000	2.83E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	0.00011668	1.05E-03	1.22E-07	1.35	1.57E-01	2.59E-08	1,000,000	2.59E-02
187	1.87528	5.7347E-05	0.00010754	1.05E-03	1.12E-07	1.35	1.57E-01	2.38E-08	1,000,000	2.38E-02
188	1.73998	5.7347E-05	9.9782E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.21E-08	1,000,000	2.21E-02
189	2.25756	5.7347E-05	0.00012946	1.05E-03	1.35E-07	1.35	1.57E-01	2.87E-08	1,000,000	2.87E-02
190	2.05212	5.7347E-05	0.00011768	1.05E-03	1.23E-07	1.35	1.57E-01	2.61E-08	1,000,000	2.61E-02
191	1.87721	5.7347E-05	0.00010765	1.05E-03	1.13E-07	1.35	1.57E-01	2.39E-08	1,000,000	2.39E-02
192	1.72915	5.7347E-05	9.9161E-05	1.05E-03	1.04E-07	1.35	1.57E-01	2.20E-08	1,000,000	2.20E-02
193	1.60238	5.7347E-05	9.1891E-05	1.05E-03	9.60E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
194	2.08374	5.7347E-05	0.0001195	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
195	1.90338	5.7347E-05	0.00010915	1.05E-03	1.14E-07	1.35	1.57E-01	2.42E-08	1,000,000	2.42E-02
196	1.74531	5.7347E-05	0.00010009	1.05E-03	1.05E-07	1.35	1.57E-01	2.22E-08	1,000,000	2.22E-02
197	1.60728	5.7347E-05	9.2172E-05	1.05E-03	9.63E-08	1.35	1.57E-01	2.04E-08	1,000,000	2.04E-02
198	1.48994	5.7347E-05	8.5443E-05	1.05E-03	8.93E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
199	1.92817	5.7347E-05	0.00011057	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
200	1.7712	5.7347E-05	0.00010157	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
201	1.63011	5.7347E-05	9.3481E-05	1.05E-03	9.77E-08	1.35	1.57E-01	2.07E-08	1,000,000	2.07E-02
202	1.505	5.7347E-05	8.6307E-05	1.05E-03	9.02E-08	1.35	1.57E-01	1.91E-08	1,000,000	1.91E-02
203	1.3958	5.7347E-05	8.0044E-05	1.05E-03	8.37E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
204	2.48112	5.7347E-05	0.00014228	1.05E-03	1.49E-07	1.35	1.57E-01	3.15E-08	1,000,000	3.15E-02
205	1.78731	5.7347E-05	0.0001025	1.05E-03	1.07E-07	1.35	1.57E-01	2.27E-08	1,000,000	2.27E-02
206	1.65123	5.7347E-05	9.4692E-05	1.05E-03	9.90E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
207	1.52612	5.7347E-05	8.7518E-05	1.05E-03	9.15E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
208	1.41469	5.7347E-05	8.1128E-05	1.05E-03	8.48E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
209	2.25009	5.7347E-05	0.00012903	1.05E-03	1.35E-07	1.35	1.57E-01	2.86E-08	1,000,000	2.86E-02
210	2.08156	5.7347E-05	0.00011937	1.05E-03	1.25E-07	1.35	1.57E-01	2.65E-08	1,000,000	2.65E-02
211	1.92783	5.7347E-05	0.00011055	1.05E-03	1.16E-07	1.35	1.57E-01	2.45E-08	1,000,000	2.45E-02
212	1.78794	5.7347E-05	0.00010253	1.05E-03	1.07E-07	1.35	1.57E-01	2.27E-08	1,000,000	2.27E-02
213	1.6595	5.7347E-05	9.5167E-05	1.05E-03	9.95E-08	1.35	1.57E-01	2.11E-08	1,000,000	2.11E-02
214	1.54065	5.7347E-05	8.8351E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
215	1.43167	5.7347E-05	8.2101E-05	1.05E-03	8.58E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
216	2.15113	5.7347E-05	0.00012336	1.05E-03	1.29E-07	1.35	1.57E-01	2.74E-08	1,000,000	2.74E-02
217	2.00935	5.7347E-05	0.00011523	1.05E-03	1.20E-07	1.35	1.57E-01	2.56E-08	1,000,000	2.56E-02
218	1.87523	5.7347E-05	0.00010754	1.05E-03	1.12E-07	1.35	1.57E-01	2.38E-08	1,000,000	2.38E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	0.00010053	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
220	1.63911	5.7347E-05	9.3997E-05	1.05E-03	9.82E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
221	1.53397	5.7347E-05	8.7968E-05	1.05E-03	9.19E-08	1.35	1.57E-01	1.95E-08	1,000,000	1.95E-02
222	1.96086	5.7347E-05	0.00011245	1.05E-03	1.18E-07	1.35	1.57E-01	2.49E-08	1,000,000	2.49E-02
223	1.83851	5.7347E-05	0.00010543	1.05E-03	1.10E-07	1.35	1.57E-01	2.34E-08	1,000,000	2.34E-02
224	1.72393	5.7347E-05	9.8861E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.19E-08	1,000,000	2.19E-02
225	1.61804	5.7347E-05	9.2789E-05	1.05E-03	9.70E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02
226	1.51847	5.7347E-05	8.7079E-05	1.05E-03	9.10E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
227	1.79558	5.7347E-05	0.00010297	1.05E-03	1.08E-07	1.35	1.57E-01	2.28E-08	1,000,000	2.28E-02
228	1.68964	5.7347E-05	9.6895E-05	1.05E-03	1.01E-07	1.35	1.57E-01	2.15E-08	1,000,000	2.15E-02
229	1.59084	5.7347E-05	9.1229E-05	1.05E-03	9.54E-08	1.35	1.57E-01	2.02E-08	1,000,000	2.02E-02
230	1.49727	5.7347E-05	8.5863E-05	1.05E-03	8.97E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
231	1.65096	5.7347E-05	9.4677E-05	1.05E-03	9.90E-08	1.35	1.57E-01	2.10E-08	1,000,000	2.10E-02
232	1.55968	5.7347E-05	8.9442E-05	1.05E-03	9.35E-08	1.35	1.57E-01	1.98E-08	1,000,000	1.98E-02
233	1.47316	5.7347E-05	8.4481E-05	1.05E-03	8.83E-08	1.35	1.57E-01	1.87E-08	1,000,000	1.87E-02
234	1.39109	5.7347E-05	7.9774E-05	1.05E-03	8.34E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
235	1.52468	5.7347E-05	8.7435E-05	1.05E-03	9.14E-08	1.35	1.57E-01	1.94E-08	1,000,000	1.94E-02
236	1.44492	5.7347E-05	8.2861E-05	1.05E-03	8.66E-08	1.35	1.57E-01	1.84E-08	1,000,000	1.84E-02
237	1.36822	5.7347E-05	7.8463E-05	1.05E-03	8.20E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
238	1.2964	5.7347E-05	7.4344E-05	1.05E-03	7.77E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
239	1.41333	5.7347E-05	8.105E-05	1.05E-03	8.47E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
240	1.34288	5.7347E-05	7.701E-05	1.05E-03	8.05E-08	1.35	1.57E-01	1.71E-08	1,000,000	1.71E-02
241	1.27494	5.7347E-05	7.3113E-05	1.05E-03	7.64E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
242	1.21151	5.7347E-05	6.9476E-05	1.05E-03	7.26E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
243	1.77268	5.7347E-05	0.00010166	1.05E-03	1.06E-07	1.35	1.57E-01	2.25E-08	1,000,000	2.25E-02
244	1.75068	5.7347E-05	0.0001004	1.05E-03	1.05E-07	1.35	1.57E-01	2.23E-08	1,000,000	2.23E-02
245	1.71493	5.7347E-05	9.8345E-05	1.05E-03	1.03E-07	1.35	1.57E-01	2.18E-08	1,000,000	2.18E-02
246	1.66723	5.7347E-05	9.561E-05	1.05E-03	9.99E-08	1.35	1.57E-01	2.12E-08	1,000,000	2.12E-02
247	1.60937	5.7347E-05	9.2292E-05	1.05E-03	9.65E-08	1.35	1.57E-01	2.05E-08	1,000,000	2.05E-02
248	1.54554	5.7347E-05	8.8631E-05	1.05E-03	9.26E-08	1.35	1.57E-01	1.97E-08	1,000,000	1.97E-02
249	1.47778	5.7347E-05	8.4746E-05	1.05E-03	8.86E-08	1.35	1.57E-01	1.88E-08	1,000,000	1.88E-02
250	1.63823	5.7347E-05	9.3947E-05	1.05E-03	9.82E-08	1.35	1.57E-01	2.08E-08	1,000,000	2.08E-02
251	1.61615	5.7347E-05	9.2681E-05	1.05E-03	9.69E-08	1.35	1.57E-01	2.06E-08	1,000,000	2.06E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.0764E-05	1.05E-03	9.49E-08	1.35	1.57E-01	2.01E-08	1,000,000	2.01E-02
253	1.53943	5.7347E-05	8.8281E-05	1.05E-03	9.23E-08	1.35	1.57E-01	1.96E-08	1,000,000	1.96E-02
254	1.48774	5.7347E-05	8.5317E-05	1.05E-03	8.92E-08	1.35	1.57E-01	1.89E-08	1,000,000	1.89E-02
255	1.43114	5.7347E-05	8.2071E-05	1.05E-03	8.58E-08	1.35	1.57E-01	1.82E-08	1,000,000	1.82E-02
256	1.3706	5.7347E-05	7.8599E-05	1.05E-03	8.22E-08	1.35	1.57E-01	1.74E-08	1,000,000	1.74E-02
257	1.51893	5.7347E-05	8.7105E-05	1.05E-03	9.10E-08	1.35	1.57E-01	1.93E-08	1,000,000	1.93E-02
258	1.49719	5.7347E-05	8.5859E-05	1.05E-03	8.97E-08	1.35	1.57E-01	1.90E-08	1,000,000	1.90E-02
259	1.46601	5.7347E-05	8.4071E-05	1.05E-03	8.79E-08	1.35	1.57E-01	1.86E-08	1,000,000	1.86E-02
260	1.42668	5.7347E-05	8.1815E-05	1.05E-03	8.55E-08	1.35	1.57E-01	1.81E-08	1,000,000	1.81E-02
261	1.38034	5.7347E-05	7.9158E-05	1.05E-03	8.27E-08	1.35	1.57E-01	1.76E-08	1,000,000	1.76E-02
262	1.32982	5.7347E-05	7.6261E-05	1.05E-03	7.97E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
263	1.27617	5.7347E-05	7.3184E-05	1.05E-03	7.65E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
264	1.41285	5.7347E-05	8.1022E-05	1.05E-03	8.47E-08	1.35	1.57E-01	1.80E-08	1,000,000	1.80E-02
265	1.39159	5.7347E-05	7.9803E-05	1.05E-03	8.34E-08	1.35	1.57E-01	1.77E-08	1,000,000	1.77E-02
266	1.36246	5.7347E-05	7.8132E-05	1.05E-03	8.17E-08	1.35	1.57E-01	1.73E-08	1,000,000	1.73E-02
267	1.32664	5.7347E-05	7.6078E-05	1.05E-03	7.95E-08	1.35	1.57E-01	1.69E-08	1,000,000	1.69E-02
268	1.28539	5.7347E-05	7.3713E-05	1.05E-03	7.70E-08	1.35	1.57E-01	1.63E-08	1,000,000	1.63E-02
269	1.23999	5.7347E-05	7.1109E-05	1.05E-03	7.43E-08	1.35	1.57E-01	1.58E-08	1,000,000	1.58E-02
270	1.19202	5.7347E-05	6.8358E-05	1.05E-03	7.14E-08	1.35	1.57E-01	1.52E-08	1,000,000	1.52E-02
271	1.31768	5.7347E-05	7.5564E-05	1.05E-03	7.90E-08	1.35	1.57E-01	1.68E-08	1,000,000	1.68E-02
272	1.29722	5.7347E-05	7.4391E-05	1.05E-03	7.78E-08	1.35	1.57E-01	1.65E-08	1,000,000	1.65E-02
273	1.27012	5.7347E-05	7.2837E-05	1.05E-03	7.61E-08	1.35	1.57E-01	1.62E-08	1,000,000	1.62E-02
274	1.23741	5.7347E-05	7.0961E-05	1.05E-03	7.42E-08	1.35	1.57E-01	1.57E-08	1,000,000	1.57E-02
275	1.2001	5.7347E-05	6.8822E-05	1.05E-03	7.19E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
276	1.15947	5.7347E-05	6.6492E-05	1.05E-03	6.95E-08	1.35	1.57E-01	1.47E-08	1,000,000	1.47E-02
277	1.11625	5.7347E-05	6.4013E-05	1.05E-03	6.69E-08	1.35	1.57E-01	1.42E-08	1,000,000	1.42E-02
278	1.06273	5.7347E-05	6.0944E-05	1.05E-03	6.37E-08	1.35	1.57E-01	1.35E-08	1,000,000	1.35E-02
279	1.10467	5.7347E-05	6.3349E-05	1.05E-03	6.62E-08	1.35	1.57E-01	1.40E-08	1,000,000	1.40E-02
280	1.21475	5.7347E-05	6.9662E-05	1.05E-03	7.28E-08	1.35	1.57E-01	1.54E-08	1,000,000	1.54E-02
281	1.20219	5.7347E-05	6.8941E-05	1.05E-03	7.21E-08	1.35	1.57E-01	1.53E-08	1,000,000	1.53E-02
282	1.30831	5.7347E-05	7.5027E-05	1.05E-03	7.84E-08	1.35	1.57E-01	1.66E-08	1,000,000	1.66E-02
283	1.10834	5.7347E-05	6.3559E-05	1.05E-03	6.64E-08	1.35	1.57E-01	1.41E-08	1,000,000	1.41E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

						Cancer Risk From Idle 5 - Birth to 2 years				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	5.33341	5.7347E-05	0.00030585	1.05E-03	3.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.78544	5.7347E-05	0.00033178	1.05E-03	3.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.27627	5.7347E-05	0.00035992	1.05E-03	3.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.80695	5.7347E-05	0.00039036	1.05E-03	4.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.38095	5.7347E-05	0.00042327	1.05E-03	4.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.00492	5.7347E-05	0.00045905	1.05E-03	4.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	8.68523	5.7347E-05	0.00049807	1.05E-03	5.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.41831	5.7347E-05	0.00054011	1.05E-03	5.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	10.17889	5.7347E-05	0.00058372	1.05E-03	6.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.91643	5.7347E-05	0.00062602	1.05E-03	6.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	11.56005	5.7347E-05	0.00066293	1.05E-03	6.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.81465	5.7347E-05	0.00033345	1.05E-03	3.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	6.34968	5.7347E-05	0.00036413	1.05E-03	3.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	6.93747	5.7347E-05	0.00039784	1.05E-03	4.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	7.57971	5.7347E-05	0.00043467	1.05E-03	4.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.28033	5.7347E-05	0.00047485	1.05E-03	4.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.04689	5.7347E-05	0.00051881	1.05E-03	5.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	9.88746	5.7347E-05	0.00056701	1.05E-03	5.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.79896	5.7347E-05	0.00061928	1.05E-03	6.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.74973	5.7347E-05	0.00067381	1.05E-03	7.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	12.67029	5.7347E-05	0.0007266	1.05E-03	7.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.45962	5.7347E-05	0.00077186	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	6.3585	5.7347E-05	0.00036464	1.05E-03	3.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	6.99609	5.7347E-05	0.0004012	1.05E-03	4.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	7.70612	5.7347E-05	0.00044192	1.05E-03	4.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	8.49211	5.7347E-05	0.00048699	1.05E-03	5.09E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	9.35931	5.7347E-05	0.00053672	1.05E-03	5.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	10.31677	5.7347E-05	0.00059163	1.05E-03	6.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.37448	5.7347E-05	0.00065229	1.05E-03	6.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.52999	5.7347E-05	0.00071855	1.05E-03	7.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.74306	5.7347E-05	0.00078812	1.05E-03	8.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	14.91571	5.7347E-05	0.00085536	1.05E-03	8.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	0.00091173	1.05E-03	9.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	6.97343	5.7347E-05	0.0003999	1.05E-03	4.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	7.73855	5.7347E-05	0.00044378	1.05E-03	4.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	8.604	5.7347E-05	0.00049341	1.05E-03	5.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	9.57728	5.7347E-05	0.00054922	1.05E-03	5.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	10.66704	5.7347E-05	0.00061172	1.05E-03	6.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	11.88547	5.7347E-05	0.00068159	1.05E-03	7.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.24533	5.7347E-05	0.00075957	1.05E-03	7.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.74449	5.7347E-05	0.00084555	1.05E-03	8.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	16.33077	5.7347E-05	0.00093651	1.05E-03	9.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	17.86179	5.7347E-05	0.00102431	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	19.10687	5.7347E-05	0.00109571	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.66748	5.7347E-05	0.0004397	1.05E-03	4.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	8.59218	5.7347E-05	0.00049273	1.05E-03	5.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	9.65697	5.7347E-05	0.00055379	1.05E-03	5.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	10.87714	5.7347E-05	0.00062377	1.05E-03	6.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	12.26904	5.7347E-05	0.00070359	1.05E-03	7.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	13.85233	5.7347E-05	0.00079438	1.05E-03	8.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	15.64539	5.7347E-05	0.00089721	1.05E-03	9.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.64595	5.7347E-05	0.00101193	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	19.7839	5.7347E-05	0.00113454	1.05E-03	1.19E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	21.84465	5.7347E-05	0.00125272	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	23.45211	5.7347E-05	0.0013449	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	8.44662	5.7347E-05	0.00048438	1.05E-03	5.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	9.57185	5.7347E-05	0.00054891	1.05E-03	5.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	10.89439	5.7347E-05	0.00062476	1.05E-03	6.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	12.44401	5.7347E-05	0.00071362	1.05E-03	7.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	14.25293	5.7347E-05	0.00081736	1.05E-03	8.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	16.35845	5.7347E-05	0.0009381	1.05E-03	9.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	18.79392	5.7347E-05	0.00107777	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	21.55807	5.7347E-05	0.00123628	1.05E-03	1.29E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	24.55131	5.7347E-05	0.00140793	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	27.43498	5.7347E-05	0.0015733	1.05E-03	1.64E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	0.00169475	1.05E-03	1.77E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.31214	5.7347E-05	0.00053402	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	10.68884	5.7347E-05	0.00061297	1.05E-03	6.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	12.34607	5.7347E-05	0.000708	1.05E-03	7.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	14.34007	5.7347E-05	0.00082235	1.05E-03	8.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	16.73471	5.7347E-05	0.00095968	1.05E-03	1.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	19.60651	5.7347E-05	0.00112437	1.05E-03	1.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	23.03041	5.7347E-05	0.00132071	1.05E-03	1.38E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	27.01958	5.7347E-05	0.00154948	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	31.42314	5.7347E-05	0.00180201	1.05E-03	1.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	35.67215	5.7347E-05	0.00204568	1.05E-03	2.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	38.51512	5.7347E-05	0.00220871	1.05E-03	2.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	16.09433	5.7347E-05	0.00092295	1.05E-03	9.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	19.12371	5.7347E-05	0.00109668	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	23.46263	5.7347E-05	0.0013455	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	28.2745	5.7347E-05	0.00162145	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	34.97506	5.7347E-05	0.0020057	1.05E-03	2.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	41.90362	5.7347E-05	0.00240303	1.05E-03	2.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	48.63649	5.7347E-05	0.00278914	1.05E-03	2.92E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	52.47842	5.7347E-05	0.00300946	1.05E-03	3.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.69663	5.7347E-05	0.00078545	1.05E-03	8.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	11.51625	5.7347E-05	0.00066042	1.05E-03	6.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	5.73E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.1E-02
2	0.49007	5.7347E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
3	0.51995	5.7347E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
4	0.55237	5.7347E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
5	0.58882	5.7347E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
6	0.4603	5.7347E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
7	0.48669	5.7347E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
8	0.51602	5.7347E-05	2.96E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
9	0.5493	5.7347E-05	3.15E-05	6.05E-04	1.91E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
10	0.58568	5.7347E-05	3.36E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
11	0.45692	5.7347E-05	2.62E-05	6.05E-04	1.59E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
12	0.48335	5.7347E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
13	0.51286	5.7347E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
14	0.54645	5.7347E-05	3.13E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
15	0.58308	5.7347E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
16	0.45388	5.7347E-05	2.60E-05	6.05E-04	1.57E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
17	0.48061	5.7347E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
18	0.51014	5.7347E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
19	0.54274	5.7347E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
20	0.57983	5.7347E-05	3.33E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
21	0.45139	5.7347E-05	2.59E-05	6.05E-04	1.57E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
22	0.47814	5.7347E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
23	0.50791	5.7347E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
24	0.54088	5.7347E-05	3.10E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
25	0.57729	5.7347E-05	3.31E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
113	2.95468	5.7347E-05	1.69E-04	6.05E-04	1.03E-07	14	4.71E-02	6.77E-08	1,000,000	6.77E-02
114	2.65926	5.7347E-05	1.52E-04	6.05E-04	9.23E-08	14	4.71E-02	6.09E-08	1,000,000	6.09E-02
115	2.40236	5.7347E-05	1.38E-04	6.05E-04	8.34E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
116	2.17918	5.7347E-05	1.25E-04	6.05E-04	7.56E-08	14	4.71E-02	4.99E-08	1,000,000	4.99E-02
117	3.05482	5.7347E-05	1.75E-04	6.05E-04	1.06E-07	14	4.71E-02	7.00E-08	1,000,000	7.00E-02
118	2.73368	5.7347E-05	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
119	2.45863	5.7347E-05	1.41E-04	6.05E-04	8.53E-08	14	4.71E-02	5.63E-08	1,000,000	5.63E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	1.27E-04	6.05E-04	7.71E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
121	3.14401	5.7347E-05	1.80E-04	6.05E-04	1.09E-07	14	4.71E-02	7.20E-08	1,000,000	7.20E-02
122	2.79936	5.7347E-05	1.61E-04	6.05E-04	9.71E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
123	2.50772	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
124	2.2594	5.7347E-05	1.30E-04	6.05E-04	7.84E-08	14	4.71E-02	5.17E-08	1,000,000	5.17E-02
125	3.22113	5.7347E-05	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.38E-08	1,000,000	7.38E-02
126	2.85559	5.7347E-05	1.64E-04	6.05E-04	9.91E-08	14	4.71E-02	6.54E-08	1,000,000	6.54E-02
127	2.54947	5.7347E-05	1.46E-04	6.05E-04	8.85E-08	14	4.71E-02	5.84E-08	1,000,000	5.84E-02
128	2.29099	5.7347E-05	1.31E-04	6.05E-04	7.95E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
129	3.28577	5.7347E-05	1.88E-04	6.05E-04	1.14E-07	14	4.71E-02	7.52E-08	1,000,000	7.52E-02
130	2.90257	5.7347E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.65E-08	1,000,000	6.65E-02
131	2.58446	5.7347E-05	1.48E-04	6.05E-04	8.97E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
132	2.31768	5.7347E-05	1.33E-04	6.05E-04	8.04E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
133	3.33854	5.7347E-05	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.65E-08	1,000,000	7.65E-02
134	2.94105	5.7347E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.74E-08	1,000,000	6.74E-02
135	2.61321	5.7347E-05	1.50E-04	6.05E-04	9.07E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
136	2.33957	5.7347E-05	1.34E-04	6.05E-04	8.12E-08	14	4.71E-02	5.36E-08	1,000,000	5.36E-02
137	3.37977	5.7347E-05	1.94E-04	6.05E-04	1.17E-07	14	4.71E-02	7.74E-08	1,000,000	7.74E-02
138	2.63505	5.7347E-05	1.51E-04	6.05E-04	9.14E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
139	2.35574	5.7347E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
140	3.41683	5.7347E-05	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.82E-08	1,000,000	7.82E-02
141	2.99266	5.7347E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.85E-08	1,000,000	6.85E-02
142	2.64698	5.7347E-05	1.52E-04	6.05E-04	9.18E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
143	2.36117	5.7347E-05	1.35E-04	6.05E-04	8.19E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
144	3.39313	5.7347E-05	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.77E-08	1,000,000	7.77E-02
145	2.97258	5.7347E-05	1.70E-04	6.05E-04	1.03E-07	14	4.71E-02	6.81E-08	1,000,000	6.81E-02
146	2.62985	5.7347E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.02E-08	1,000,000	6.02E-02
147	2.34645	5.7347E-05	1.35E-04	6.05E-04	8.14E-08	14	4.71E-02	5.37E-08	1,000,000	5.37E-02
148	3.34522	5.7347E-05	1.92E-04	6.05E-04	1.16E-07	14	4.71E-02	7.66E-08	1,000,000	7.66E-02
149	2.93411	5.7347E-05	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
150	2.59842	5.7347E-05	1.49E-04	6.05E-04	9.02E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
151	2.3204	5.7347E-05	1.33E-04	6.05E-04	8.05E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
152	3.26853	5.7347E-05	1.87E-04	6.05E-04	1.13E-07	14	4.71E-02	7.49E-08	1,000,000	7.49E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	1.65E-04	6.05E-04	9.97E-08	14	4.71E-02	6.58E-08	1,000,000	6.58E-02
154	2.55044	5.7347E-05	1.46E-04	6.05E-04	8.85E-08	14	4.71E-02	5.84E-08	1,000,000	5.84E-02
155	2.2813	5.7347E-05	1.31E-04	6.05E-04	7.92E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
156	3.15854	5.7347E-05	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.23E-08	1,000,000	7.23E-02
157	2.7901	5.7347E-05	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
158	2.48459	5.7347E-05	1.42E-04	6.05E-04	8.62E-08	14	4.71E-02	5.69E-08	1,000,000	5.69E-02
159	2.22854	5.7347E-05	1.28E-04	6.05E-04	7.73E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
160	3.00961	5.7347E-05	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
161	2.67826	5.7347E-05	1.54E-04	6.05E-04	9.29E-08	14	4.71E-02	6.13E-08	1,000,000	6.13E-02
162	2.39859	5.7347E-05	1.38E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02
163	2.1605	5.7347E-05	1.24E-04	6.05E-04	7.50E-08	14	4.71E-02	4.95E-08	1,000,000	4.95E-02
164	2.8193	5.7347E-05	1.62E-04	6.05E-04	9.78E-08	14	4.71E-02	6.46E-08	1,000,000	6.46E-02
165	2.53484	5.7347E-05	1.45E-04	6.05E-04	8.80E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
166	2.28657	5.7347E-05	1.31E-04	6.05E-04	7.93E-08	14	4.71E-02	5.24E-08	1,000,000	5.24E-02
167	2.0733	5.7347E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
168	2.59628	5.7347E-05	1.49E-04	6.05E-04	9.01E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
169	2.36192	5.7347E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
170	2.15194	5.7347E-05	1.23E-04	6.05E-04	7.47E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
171	1.96845	5.7347E-05	1.13E-04	6.05E-04	6.83E-08	14	4.71E-02	4.51E-08	1,000,000	4.51E-02
172	2.36138	5.7347E-05	1.35E-04	6.05E-04	8.19E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
173	2.17117	5.7347E-05	1.25E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
174	1.9989	5.7347E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
175	1.8455	5.7347E-05	1.06E-04	6.05E-04	6.40E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02
176	2.13864	5.7347E-05	1.23E-04	6.05E-04	7.42E-08	14	4.71E-02	4.90E-08	1,000,000	4.90E-02
177	1.98045	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
178	1.83829	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
179	1.71159	5.7347E-05	9.82E-05	6.05E-04	5.94E-08	14	4.71E-02	3.92E-08	1,000,000	3.92E-02
180	1.94462	5.7347E-05	1.12E-04	6.05E-04	6.75E-08	14	4.71E-02	4.45E-08	1,000,000	4.45E-02
181	1.80541	5.7347E-05	1.04E-04	6.05E-04	6.26E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
182	1.68396	5.7347E-05	9.66E-05	6.05E-04	5.84E-08	14	4.71E-02	3.86E-08	1,000,000	3.86E-02
183	1.57725	5.7347E-05	9.04E-05	6.05E-04	5.47E-08	14	4.71E-02	3.61E-08	1,000,000	3.61E-02
184	2.83203	5.7347E-05	1.62E-04	6.05E-04	9.83E-08	14	4.71E-02	6.49E-08	1,000,000	6.49E-02
185	2.22573	5.7347E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
187	1.87528	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02
188	1.73998	5.7347E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
189	2.25756	5.7347E-05	1.29E-04	6.05E-04	7.83E-08	14	4.71E-02	5.17E-08	1,000,000	5.17E-02
190	2.05212	5.7347E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
191	1.87721	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
192	1.72915	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
193	1.60238	5.7347E-05	9.19E-05	6.05E-04	5.56E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
194	2.08374	5.7347E-05	1.19E-04	6.05E-04	7.23E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
195	1.90338	5.7347E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
196	1.74531	5.7347E-05	1.00E-04	6.05E-04	6.06E-08	14	4.71E-02	4.00E-08	1,000,000	4.00E-02
197	1.60728	5.7347E-05	9.22E-05	6.05E-04	5.58E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
198	1.48994	5.7347E-05	8.54E-05	6.05E-04	5.17E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
199	1.92817	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
200	1.7712	5.7347E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
201	1.63011	5.7347E-05	9.35E-05	6.05E-04	5.66E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
202	1.505	5.7347E-05	8.63E-05	6.05E-04	5.22E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
203	1.3958	5.7347E-05	8.00E-05	6.05E-04	4.84E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
204	2.48112	5.7347E-05	1.42E-04	6.05E-04	8.61E-08	14	4.71E-02	5.68E-08	1,000,000	5.68E-02
205	1.78731	5.7347E-05	1.02E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
206	1.65123	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
207	1.52612	5.7347E-05	8.75E-05	6.05E-04	5.30E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
208	1.41469	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
209	2.25009	5.7347E-05	1.29E-04	6.05E-04	7.81E-08	14	4.71E-02	5.15E-08	1,000,000	5.15E-02
210	2.08156	5.7347E-05	1.19E-04	6.05E-04	7.22E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
211	1.92783	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
212	1.78794	5.7347E-05	1.03E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
213	1.6595	5.7347E-05	9.52E-05	6.05E-04	5.76E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
214	1.54065	5.7347E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
215	1.43167	5.7347E-05	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
216	2.15113	5.7347E-05	1.23E-04	6.05E-04	7.46E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
217	2.00935	5.7347E-05	1.15E-04	6.05E-04	6.97E-08	14	4.71E-02	4.60E-08	1,000,000	4.60E-02
218	1.87523	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	1.01E-04	6.05E-04	6.08E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
220	1.63911	5.7347E-05	9.40E-05	6.05E-04	5.69E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
221	1.53397	5.7347E-05	8.80E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
222	1.96086	5.7347E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
223	1.83851	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
224	1.72393	5.7347E-05	9.89E-05	6.05E-04	5.98E-08	14	4.71E-02	3.95E-08	1,000,000	3.95E-02
225	1.61804	5.7347E-05	9.28E-05	6.05E-04	5.61E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
226	1.51847	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
227	1.79558	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
228	1.68964	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
229	1.59084	5.7347E-05	9.12E-05	6.05E-04	5.52E-08	14	4.71E-02	3.64E-08	1,000,000	3.64E-02
230	1.49727	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
231	1.65096	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
232	1.55968	5.7347E-05	8.94E-05	6.05E-04	5.41E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
233	1.47316	5.7347E-05	8.45E-05	6.05E-04	5.11E-08	14	4.71E-02	3.37E-08	1,000,000	3.37E-02
234	1.39109	5.7347E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
235	1.52468	5.7347E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
236	1.44492	5.7347E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
237	1.36822	5.7347E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
238	1.2964	5.7347E-05	7.43E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
239	1.41333	5.7347E-05	8.10E-05	6.05E-04	4.90E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
240	1.34288	5.7347E-05	7.70E-05	6.05E-04	4.66E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
241	1.27494	5.7347E-05	7.31E-05	6.05E-04	4.42E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
242	1.21151	5.7347E-05	6.95E-05	6.05E-04	4.20E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
243	1.77268	5.7347E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
244	1.75068	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
245	1.71493	5.7347E-05	9.83E-05	6.05E-04	5.95E-08	14	4.71E-02	3.93E-08	1,000,000	3.93E-02
246	1.66723	5.7347E-05	9.56E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
247	1.60937	5.7347E-05	9.23E-05	6.05E-04	5.58E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
248	1.54554	5.7347E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
249	1.47778	5.7347E-05	8.47E-05	6.05E-04	5.13E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
250	1.63823	5.7347E-05	9.39E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
251	1.61615	5.7347E-05	9.27E-05	6.05E-04	5.61E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.08E-05	6.05E-04	5.49E-08	14	4.71E-02	3.62E-08	1,000,000	3.62E-02
253	1.53943	5.7347E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
254	1.48774	5.7347E-05	8.53E-05	6.05E-04	5.16E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
255	1.43114	5.7347E-05	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
256	1.3706	5.7347E-05	7.86E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
257	1.51893	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
258	1.49719	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
259	1.46601	5.7347E-05	8.41E-05	6.05E-04	5.09E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
260	1.42668	5.7347E-05	8.18E-05	6.05E-04	4.95E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
261	1.38034	5.7347E-05	7.92E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
262	1.32982	5.7347E-05	7.63E-05	6.05E-04	4.61E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
263	1.27617	5.7347E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
264	1.41285	5.7347E-05	8.10E-05	6.05E-04	4.90E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
265	1.39159	5.7347E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
266	1.36246	5.7347E-05	7.81E-05	6.05E-04	4.73E-08	14	4.71E-02	3.12E-08	1,000,000	3.12E-02
267	1.32664	5.7347E-05	7.61E-05	6.05E-04	4.60E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
268	1.28539	5.7347E-05	7.37E-05	6.05E-04	4.46E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
269	1.23999	5.7347E-05	7.11E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
270	1.19202	5.7347E-05	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
271	1.31768	5.7347E-05	7.56E-05	6.05E-04	4.57E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
272	1.29722	5.7347E-05	7.44E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
273	1.27012	5.7347E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
274	1.23741	5.7347E-05	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
275	1.2001	5.7347E-05	6.88E-05	6.05E-04	4.16E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
276	1.15947	5.7347E-05	6.65E-05	6.05E-04	4.02E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
277	1.11625	5.7347E-05	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
278	1.06273	5.7347E-05	6.09E-05	6.05E-04	3.69E-08	14	4.71E-02	2.43E-08	1,000,000	2.43E-02
279	1.10467	5.7347E-05	6.33E-05	6.05E-04	3.83E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
280	1.21475	5.7347E-05	6.97E-05	6.05E-04	4.22E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
281	1.20219	5.7347E-05	6.89E-05	6.05E-04	4.17E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
282	1.30831	5.7347E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
283	1.10834	5.7347E-05	6.36E-05	6.05E-04	3.85E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

							Cancer Risk From Idle 5 - 2 to 14 years			
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Receptors			
26	5.33341	5.7347E-05	3.06E-04	6.05E-04	1.85E-07	9	4.71E-02	7.94E-08	1,000,000	7.94E-02
27	5.78544	5.7347E-05	3.32E-04	6.05E-04	2.01E-07	9	4.71E-02	8.61E-08	1,000,000	8.61E-02
28	6.27627	5.7347E-05	3.60E-04	6.05E-04	2.18E-07	9	4.71E-02	9.34E-08	1,000,000	9.34E-02
29	6.80695	5.7347E-05	3.90E-04	6.05E-04	2.36E-07	9	4.71E-02	1.01E-07	1,000,000	1.01E-01
30	7.38095	5.7347E-05	4.23E-04	6.05E-04	2.56E-07	9	4.71E-02	1.10E-07	1,000,000	1.10E-01
31	8.00492	5.7347E-05	4.59E-04	6.05E-04	2.78E-07	9	4.71E-02	1.19E-07	1,000,000	1.19E-01
32	8.68523	5.7347E-05	4.98E-04	6.05E-04	3.01E-07	9	4.71E-02	1.29E-07	1,000,000	1.29E-01
33	9.41831	5.7347E-05	5.40E-04	6.05E-04	3.27E-07	9	4.71E-02	1.40E-07	1,000,000	1.40E-01
34	10.17889	5.7347E-05	5.84E-04	6.05E-04	3.53E-07	9	4.71E-02	1.52E-07	1,000,000	1.52E-01
35	10.91643	5.7347E-05	6.26E-04	6.05E-04	3.79E-07	9	4.71E-02	1.62E-07	1,000,000	1.62E-01
36	11.56005	5.7347E-05	6.63E-04	6.05E-04	4.01E-07	9	4.71E-02	1.72E-07	1,000,000	1.72E-01
37	5.81465	5.7347E-05	3.33E-04	6.05E-04	2.02E-07	9	4.71E-02	8.66E-08	1,000,000	8.66E-02
38	6.34968	5.7347E-05	3.64E-04	6.05E-04	2.20E-07	9	4.71E-02	9.45E-08	1,000,000	9.45E-02
39	6.93747	5.7347E-05	3.98E-04	6.05E-04	2.41E-07	9	4.71E-02	1.03E-07	1,000,000	1.03E-01
40	7.57971	5.7347E-05	4.35E-04	6.05E-04	2.63E-07	9	4.71E-02	1.13E-07	1,000,000	1.13E-01
41	8.28033	5.7347E-05	4.75E-04	6.05E-04	2.87E-07	9	4.71E-02	1.23E-07	1,000,000	1.23E-01
42	9.04689	5.7347E-05	5.19E-04	6.05E-04	3.14E-07	9	4.71E-02	1.35E-07	1,000,000	1.35E-01
43	9.88746	5.7347E-05	5.67E-04	6.05E-04	3.43E-07	9	4.71E-02	1.47E-07	1,000,000	1.47E-01
44	10.79896	5.7347E-05	6.19E-04	6.05E-04	3.75E-07	9	4.71E-02	1.61E-07	1,000,000	1.61E-01
45	11.74973	5.7347E-05	6.74E-04	6.05E-04	4.08E-07	9	4.71E-02	1.75E-07	1,000,000	1.75E-01
46	12.67029	5.7347E-05	7.27E-04	6.05E-04	4.40E-07	9	4.71E-02	1.89E-07	1,000,000	1.89E-01
47	13.45962	5.7347E-05	7.72E-04	6.05E-04	4.67E-07	9	4.71E-02	2.00E-07	1,000,000	2.00E-01
48	6.3585	5.7347E-05	3.65E-04	6.05E-04	2.21E-07	9	4.71E-02	9.47E-08	1,000,000	9.47E-02
49	6.99609	5.7347E-05	4.01E-04	6.05E-04	2.43E-07	9	4.71E-02	1.04E-07	1,000,000	1.04E-01
50	7.70612	5.7347E-05	4.42E-04	6.05E-04	2.67E-07	9	4.71E-02	1.15E-07	1,000,000	1.15E-01
51	8.49211	5.7347E-05	4.87E-04	6.05E-04	2.95E-07	9	4.71E-02	1.26E-07	1,000,000	1.26E-01
52	9.35931	5.7347E-05	5.37E-04	6.05E-04	3.25E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01
53	10.31677	5.7347E-05	5.92E-04	6.05E-04	3.58E-07	9	4.71E-02	1.54E-07	1,000,000	1.54E-01
54	11.37448	5.7347E-05	6.52E-04	6.05E-04	3.95E-07	9	4.71E-02	1.69E-07	1,000,000	1.69E-01
55	12.52999	5.7347E-05	7.19E-04	6.05E-04	4.35E-07	9	4.71E-02	1.87E-07	1,000,000	1.87E-01
56	13.74306	5.7347E-05	7.88E-04	6.05E-04	4.77E-07	9	4.71E-02	2.05E-07	1,000,000	2.05E-01
57	14.91571	5.7347E-05	8.55E-04	6.05E-04	5.18E-07	9	4.71E-02	2.22E-07	1,000,000	2.22E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	9.12E-04	6.05E-04	5.52E-07	9	4.71E-02	2.37E-07	1,000,000	2.37E-01
59	6.97343	5.7347E-05	4.00E-04	6.05E-04	2.42E-07	9	4.71E-02	1.04E-07	1,000,000	1.04E-01
60	7.73855	5.7347E-05	4.44E-04	6.05E-04	2.69E-07	9	4.71E-02	1.15E-07	1,000,000	1.15E-01
61	8.604	5.7347E-05	4.93E-04	6.05E-04	2.99E-07	9	4.71E-02	1.28E-07	1,000,000	1.28E-01
62	9.57728	5.7347E-05	5.49E-04	6.05E-04	3.32E-07	9	4.71E-02	1.43E-07	1,000,000	1.43E-01
63	10.66704	5.7347E-05	6.12E-04	6.05E-04	3.70E-07	9	4.71E-02	1.59E-07	1,000,000	1.59E-01
64	11.88547	5.7347E-05	6.82E-04	6.05E-04	4.12E-07	9	4.71E-02	1.77E-07	1,000,000	1.77E-01
65	13.24533	5.7347E-05	7.60E-04	6.05E-04	4.60E-07	9	4.71E-02	1.97E-07	1,000,000	1.97E-01
66	14.74449	5.7347E-05	8.46E-04	6.05E-04	5.12E-07	9	4.71E-02	2.19E-07	1,000,000	2.19E-01
67	16.33077	5.7347E-05	9.37E-04	6.05E-04	5.67E-07	9	4.71E-02	2.43E-07	1,000,000	2.43E-01
68	17.86179	5.7347E-05	1.02E-03	6.05E-04	6.20E-07	9	4.71E-02	2.66E-07	1,000,000	2.66E-01
69	19.10687	5.7347E-05	1.10E-03	6.05E-04	6.63E-07	9	4.71E-02	2.84E-07	1,000,000	2.84E-01
70	7.66748	5.7347E-05	4.40E-04	6.05E-04	2.66E-07	9	4.71E-02	1.14E-07	1,000,000	1.14E-01
71	8.59218	5.7347E-05	4.93E-04	6.05E-04	2.98E-07	9	4.71E-02	1.28E-07	1,000,000	1.28E-01
72	9.65697	5.7347E-05	5.54E-04	6.05E-04	3.35E-07	9	4.71E-02	1.44E-07	1,000,000	1.44E-01
73	10.87714	5.7347E-05	6.24E-04	6.05E-04	3.77E-07	9	4.71E-02	1.62E-07	1,000,000	1.62E-01
74	12.26904	5.7347E-05	7.04E-04	6.05E-04	4.26E-07	9	4.71E-02	1.83E-07	1,000,000	1.83E-01
75	13.85233	5.7347E-05	7.94E-04	6.05E-04	4.81E-07	9	4.71E-02	2.06E-07	1,000,000	2.06E-01
76	15.64539	5.7347E-05	8.97E-04	6.05E-04	5.43E-07	9	4.71E-02	2.33E-07	1,000,000	2.33E-01
77	17.64595	5.7347E-05	1.01E-03	6.05E-04	6.12E-07	9	4.71E-02	2.63E-07	1,000,000	2.63E-01
78	19.7839	5.7347E-05	1.13E-03	6.05E-04	6.86E-07	9	4.71E-02	2.94E-07	1,000,000	2.94E-01
79	21.84465	5.7347E-05	1.25E-03	6.05E-04	7.58E-07	9	4.71E-02	3.25E-07	1,000,000	3.25E-01
80	23.45211	5.7347E-05	1.34E-03	6.05E-04	8.14E-07	9	4.71E-02	3.49E-07	1,000,000	3.49E-01
81	8.44662	5.7347E-05	4.84E-04	6.05E-04	2.93E-07	9	4.71E-02	1.26E-07	1,000,000	1.26E-01
82	9.57185	5.7347E-05	5.49E-04	6.05E-04	3.32E-07	9	4.71E-02	1.42E-07	1,000,000	1.42E-01
83	10.89439	5.7347E-05	6.25E-04	6.05E-04	3.78E-07	9	4.71E-02	1.62E-07	1,000,000	1.62E-01
84	12.44401	5.7347E-05	7.14E-04	6.05E-04	4.32E-07	9	4.71E-02	1.85E-07	1,000,000	1.85E-01
85	14.25293	5.7347E-05	8.17E-04	6.05E-04	4.95E-07	9	4.71E-02	2.12E-07	1,000,000	2.12E-01
86	16.35845	5.7347E-05	9.38E-04	6.05E-04	5.68E-07	9	4.71E-02	2.44E-07	1,000,000	2.44E-01
87	18.79392	5.7347E-05	1.08E-03	6.05E-04	6.52E-07	9	4.71E-02	2.80E-07	1,000,000	2.80E-01
88	21.55807	5.7347E-05	1.24E-03	6.05E-04	7.48E-07	9	4.71E-02	3.21E-07	1,000,000	3.21E-01
89	24.55131	5.7347E-05	1.41E-03	6.05E-04	8.52E-07	9	4.71E-02	3.65E-07	1,000,000	3.65E-01
90	27.43498	5.7347E-05	1.57E-03	6.05E-04	9.52E-07	9	4.71E-02	4.08E-07	1,000,000	4.08E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	1.69E-03	6.05E-04	1.03E-06	9	4.71E-02	4.40E-07	1,000,000	4.40E-01
92	9.31214	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	9	4.71E-02	1.39E-07	1,000,000	1.39E-01
93	10.68884	5.7347E-05	6.13E-04	6.05E-04	3.71E-07	9	4.71E-02	1.59E-07	1,000,000	1.59E-01
94	12.34607	5.7347E-05	7.08E-04	6.05E-04	4.28E-07	9	4.71E-02	1.84E-07	1,000,000	1.84E-01
95	14.34007	5.7347E-05	8.22E-04	6.05E-04	4.98E-07	9	4.71E-02	2.13E-07	1,000,000	2.13E-01
96	16.73471	5.7347E-05	9.60E-04	6.05E-04	5.81E-07	9	4.71E-02	2.49E-07	1,000,000	2.49E-01
97	19.60651	5.7347E-05	1.12E-03	6.05E-04	6.80E-07	9	4.71E-02	2.92E-07	1,000,000	2.92E-01
98	23.03041	5.7347E-05	1.32E-03	6.05E-04	7.99E-07	9	4.71E-02	3.43E-07	1,000,000	3.43E-01
99	27.01958	5.7347E-05	1.55E-03	6.05E-04	9.38E-07	9	4.71E-02	4.02E-07	1,000,000	4.02E-01
100	31.42314	5.7347E-05	1.80E-03	6.05E-04	1.09E-06	9	4.71E-02	4.68E-07	1,000,000	4.68E-01
101	35.67215	5.7347E-05	2.05E-03	6.05E-04	1.24E-06	9	4.71E-02	5.31E-07	1,000,000	5.31E-01
102	38.51512	5.7347E-05	2.21E-03	6.05E-04	1.34E-06	9	4.71E-02	5.73E-07	1,000,000	5.73E-01
103	16.09433	5.7347E-05	9.23E-04	6.05E-04	5.58E-07	9	4.71E-02	2.40E-07	1,000,000	2.40E-01
104	19.12371	5.7347E-05	1.10E-03	6.05E-04	6.64E-07	9	4.71E-02	2.85E-07	1,000,000	2.85E-01
105	23.46263	5.7347E-05	1.35E-03	6.05E-04	8.14E-07	9	4.71E-02	3.49E-07	1,000,000	3.49E-01
106	28.2745	5.7347E-05	1.62E-03	6.05E-04	9.81E-07	9	4.71E-02	4.21E-07	1,000,000	4.21E-01
107	34.97506	5.7347E-05	2.01E-03	6.05E-04	1.21E-06	9	4.71E-02	5.21E-07	1,000,000	5.21E-01
108	41.90362	5.7347E-05	2.40E-03	6.05E-04	1.45E-06	9	4.71E-02	6.24E-07	1,000,000	6.24E-01
109	48.63649	5.7347E-05	2.79E-03	6.05E-04	1.69E-06	9	4.71E-02	7.24E-07	1,000,000	7.24E-01
110	52.47842	5.7347E-05	3.01E-03	6.05E-04	1.82E-06	9	4.71E-02	7.81E-07	1,000,000	7.81E-01
111	13.69663	5.7347E-05	7.85E-04	6.05E-04	4.75E-07	9	4.71E-02	2.04E-07	1,000,000	2.04E-01
112	11.51625	5.7347E-05	6.60E-04	6.05E-04	4.00E-07	9	4.71E-02	1.71E-07	1,000,000	1.71E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	5.73E-05	2.66E-05	2.50E-04	6.65E-09	14	1.15E-02	1.07E-09	1000000.0	1.1E-03
2	0.49007	5.7347E-05	2.81E-05	2.50E-04	7.03E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
3	0.51995	5.7347E-05	2.98E-05	2.50E-04	7.46E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
4	0.55237	5.7347E-05	3.17E-05	2.50E-04	7.93E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
5	0.58882	5.7347E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
6	0.4603	5.7347E-05	2.64E-05	2.50E-04	6.61E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
7	0.48669	5.7347E-05	2.79E-05	2.50E-04	6.99E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
8	0.51602	5.7347E-05	2.96E-05	2.50E-04	7.41E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
9	0.5493	5.7347E-05	3.15E-05	2.50E-04	7.88E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
10	0.58568	5.7347E-05	3.36E-05	2.50E-04	8.41E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
11	0.45692	5.7347E-05	2.62E-05	2.50E-04	6.56E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
12	0.48335	5.7347E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
13	0.51286	5.7347E-05	2.94E-05	2.50E-04	7.36E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
14	0.54645	5.7347E-05	3.13E-05	2.50E-04	7.84E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
15	0.58308	5.7347E-05	3.34E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
16	0.45388	5.7347E-05	2.60E-05	2.50E-04	6.51E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
17	0.48061	5.7347E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
18	0.51014	5.7347E-05	2.93E-05	2.50E-04	7.32E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
19	0.54274	5.7347E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
20	0.57983	5.7347E-05	3.33E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
21	0.45139	5.7347E-05	2.59E-05	2.50E-04	6.48E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
22	0.47814	5.7347E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
23	0.50791	5.7347E-05	2.91E-05	2.50E-04	7.29E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
24	0.54088	5.7347E-05	3.10E-05	2.50E-04	7.76E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
25	0.57729	5.7347E-05	3.31E-05	2.50E-04	8.29E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
113	2.95468	5.7347E-05	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
114	2.65926	5.7347E-05	1.52E-04	2.50E-04	3.82E-08	14	1.15E-02	6.13E-09	1,000,000	6.13E-03
115	2.40236	5.7347E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
116	2.17918	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.02E-09	1,000,000	5.02E-03
117	3.05482	5.7347E-05	1.75E-04	2.50E-04	4.38E-08	14	1.15E-02	7.04E-09	1,000,000	7.04E-03
118	2.73368	5.7347E-05	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
119	2.45863	5.7347E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.67E-09	1,000,000	5.67E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	1.27E-04	2.50E-04	3.19E-08	14	1.15E-02	5.12E-09	1,000,000	5.12E-03
121	3.14401	5.7347E-05	1.80E-04	2.50E-04	4.51E-08	14	1.15E-02	7.25E-09	1,000,000	7.25E-03
122	2.79936	5.7347E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
123	2.50772	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
124	2.2594	5.7347E-05	1.30E-04	2.50E-04	3.24E-08	14	1.15E-02	5.21E-09	1,000,000	5.21E-03
125	3.22113	5.7347E-05	1.85E-04	2.50E-04	4.62E-08	14	1.15E-02	7.42E-09	1,000,000	7.42E-03
126	2.85559	5.7347E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
127	2.54947	5.7347E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.88E-09	1,000,000	5.88E-03
128	2.29099	5.7347E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
129	3.28577	5.7347E-05	1.88E-04	2.50E-04	4.72E-08	14	1.15E-02	7.57E-09	1,000,000	7.57E-03
130	2.90257	5.7347E-05	1.66E-04	2.50E-04	4.17E-08	14	1.15E-02	6.69E-09	1,000,000	6.69E-03
131	2.58446	5.7347E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.96E-09	1,000,000	5.96E-03
132	2.31768	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.34E-09	1,000,000	5.34E-03
133	3.33854	5.7347E-05	1.91E-04	2.50E-04	4.79E-08	14	1.15E-02	7.70E-09	1,000,000	7.70E-03
134	2.94105	5.7347E-05	1.69E-04	2.50E-04	4.22E-08	14	1.15E-02	6.78E-09	1,000,000	6.78E-03
135	2.61321	5.7347E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
136	2.33957	5.7347E-05	1.34E-04	2.50E-04	3.36E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03
137	3.37977	5.7347E-05	1.94E-04	2.50E-04	4.85E-08	14	1.15E-02	7.79E-09	1,000,000	7.79E-03
138	2.63505	5.7347E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
139	2.35574	5.7347E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
140	3.41683	5.7347E-05	1.96E-04	2.50E-04	4.90E-08	14	1.15E-02	7.88E-09	1,000,000	7.88E-03
141	2.99266	5.7347E-05	1.72E-04	2.50E-04	4.30E-08	14	1.15E-02	6.90E-09	1,000,000	6.90E-03
142	2.64698	5.7347E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
143	2.36117	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
144	3.39313	5.7347E-05	1.95E-04	2.50E-04	4.87E-08	14	1.15E-02	7.82E-09	1,000,000	7.82E-03
145	2.97258	5.7347E-05	1.70E-04	2.50E-04	4.27E-08	14	1.15E-02	6.85E-09	1,000,000	6.85E-03
146	2.62985	5.7347E-05	1.51E-04	2.50E-04	3.77E-08	14	1.15E-02	6.06E-09	1,000,000	6.06E-03
147	2.34645	5.7347E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.41E-09	1,000,000	5.41E-03
148	3.34522	5.7347E-05	1.92E-04	2.50E-04	4.80E-08	14	1.15E-02	7.71E-09	1,000,000	7.71E-03
149	2.93411	5.7347E-05	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
150	2.59842	5.7347E-05	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.99E-09	1,000,000	5.99E-03
151	2.3204	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
152	3.26853	5.7347E-05	1.87E-04	2.50E-04	4.69E-08	14	1.15E-02	7.53E-09	1,000,000	7.53E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.62E-09	1,000,000	6.62E-03
154	2.55044	5.7347E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.88E-09	1,000,000	5.88E-03
155	2.2813	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.26E-09	1,000,000	5.26E-03
156	3.15854	5.7347E-05	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
157	2.7901	5.7347E-05	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
158	2.48459	5.7347E-05	1.42E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
159	2.22854	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.14E-09	1,000,000	5.14E-03
160	3.00961	5.7347E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
161	2.67826	5.7347E-05	1.54E-04	2.50E-04	3.84E-08	14	1.15E-02	6.17E-09	1,000,000	6.17E-03
162	2.39859	5.7347E-05	1.38E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03
163	2.1605	5.7347E-05	1.24E-04	2.50E-04	3.10E-08	14	1.15E-02	4.98E-09	1,000,000	4.98E-03
164	2.8193	5.7347E-05	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.50E-09	1,000,000	6.50E-03
165	2.53484	5.7347E-05	1.45E-04	2.50E-04	3.64E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
166	2.28657	5.7347E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.27E-09	1,000,000	5.27E-03
167	2.0733	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
168	2.59628	5.7347E-05	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.98E-09	1,000,000	5.98E-03
169	2.36192	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
170	2.15194	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
171	1.96845	5.7347E-05	1.13E-04	2.50E-04	2.83E-08	14	1.15E-02	4.54E-09	1,000,000	4.54E-03
172	2.36138	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
173	2.17117	5.7347E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
174	1.9989	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
175	1.8455	5.7347E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
176	2.13864	5.7347E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.93E-09	1,000,000	4.93E-03
177	1.98045	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
178	1.83829	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
179	1.71159	5.7347E-05	9.82E-05	2.50E-04	2.46E-08	14	1.15E-02	3.95E-09	1,000,000	3.95E-03
180	1.94462	5.7347E-05	1.12E-04	2.50E-04	2.79E-08	14	1.15E-02	4.48E-09	1,000,000	4.48E-03
181	1.80541	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
182	1.68396	5.7347E-05	9.66E-05	2.50E-04	2.42E-08	14	1.15E-02	3.88E-09	1,000,000	3.88E-03
183	1.57725	5.7347E-05	9.04E-05	2.50E-04	2.26E-08	14	1.15E-02	3.64E-09	1,000,000	3.64E-03
184	2.83203	5.7347E-05	1.62E-04	2.50E-04	4.06E-08	14	1.15E-02	6.53E-09	1,000,000	6.53E-03
185	2.22573	5.7347E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
187	1.87528	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03
188	1.73998	5.7347E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
189	2.25756	5.7347E-05	1.29E-04	2.50E-04	3.24E-08	14	1.15E-02	5.20E-09	1,000,000	5.20E-03
190	2.05212	5.7347E-05	1.18E-04	2.50E-04	2.95E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
191	1.87721	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
192	1.72915	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
193	1.60238	5.7347E-05	9.19E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
194	2.08374	5.7347E-05	1.19E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
195	1.90338	5.7347E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
196	1.74531	5.7347E-05	1.00E-04	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
197	1.60728	5.7347E-05	9.22E-05	2.50E-04	2.31E-08	14	1.15E-02	3.70E-09	1,000,000	3.70E-03
198	1.48994	5.7347E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
199	1.92817	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
200	1.7712	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
201	1.63011	5.7347E-05	9.35E-05	2.50E-04	2.34E-08	14	1.15E-02	3.76E-09	1,000,000	3.76E-03
202	1.505	5.7347E-05	8.63E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
203	1.3958	5.7347E-05	8.00E-05	2.50E-04	2.00E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
204	2.48112	5.7347E-05	1.42E-04	2.50E-04	3.56E-08	14	1.15E-02	5.72E-09	1,000,000	5.72E-03
205	1.78731	5.7347E-05	1.02E-04	2.50E-04	2.57E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
206	1.65123	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
207	1.52612	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
208	1.41469	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
209	2.25009	5.7347E-05	1.29E-04	2.50E-04	3.23E-08	14	1.15E-02	5.19E-09	1,000,000	5.19E-03
210	2.08156	5.7347E-05	1.19E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
211	1.92783	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
212	1.78794	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
213	1.6595	5.7347E-05	9.52E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
214	1.54065	5.7347E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
215	1.43167	5.7347E-05	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
216	2.15113	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
217	2.00935	5.7347E-05	1.15E-04	2.50E-04	2.88E-08	14	1.15E-02	4.63E-09	1,000,000	4.63E-03
218	1.87523	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
220	1.63911	5.7347E-05	9.40E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
221	1.53397	5.7347E-05	8.80E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
222	1.96086	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
223	1.83851	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
224	1.72393	5.7347E-05	9.89E-05	2.50E-04	2.47E-08	14	1.15E-02	3.97E-09	1,000,000	3.97E-03
225	1.61804	5.7347E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03
226	1.51847	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
227	1.79558	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
228	1.68964	5.7347E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
229	1.59084	5.7347E-05	9.12E-05	2.50E-04	2.28E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
230	1.49727	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
231	1.65096	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
232	1.55968	5.7347E-05	8.94E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
233	1.47316	5.7347E-05	8.45E-05	2.50E-04	2.11E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
234	1.39109	5.7347E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
235	1.52468	5.7347E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
236	1.44492	5.7347E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
237	1.36822	5.7347E-05	7.85E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
238	1.2964	5.7347E-05	7.43E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
239	1.41333	5.7347E-05	8.10E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
240	1.34288	5.7347E-05	7.70E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
241	1.27494	5.7347E-05	7.31E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
242	1.21151	5.7347E-05	6.95E-05	2.50E-04	1.74E-08	14	1.15E-02	2.79E-09	1,000,000	2.79E-03
243	1.77268	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
244	1.75068	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
245	1.71493	5.7347E-05	9.83E-05	2.50E-04	2.46E-08	14	1.15E-02	3.95E-09	1,000,000	3.95E-03
246	1.66723	5.7347E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
247	1.60937	5.7347E-05	9.23E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
248	1.54554	5.7347E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
249	1.47778	5.7347E-05	8.47E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
250	1.63823	5.7347E-05	9.39E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
251	1.61615	5.7347E-05	9.27E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.08E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
253	1.53943	5.7347E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
254	1.48774	5.7347E-05	8.53E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
255	1.43114	5.7347E-05	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
256	1.3706	5.7347E-05	7.86E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
257	1.51893	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
258	1.49719	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
259	1.46601	5.7347E-05	8.41E-05	2.50E-04	2.10E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
260	1.42668	5.7347E-05	8.18E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
261	1.38034	5.7347E-05	7.92E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
262	1.32982	5.7347E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
263	1.27617	5.7347E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
264	1.41285	5.7347E-05	8.10E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
265	1.39159	5.7347E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
266	1.36246	5.7347E-05	7.81E-05	2.50E-04	1.96E-08	14	1.15E-02	3.14E-09	1,000,000	3.14E-03
267	1.32664	5.7347E-05	7.61E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
268	1.28539	5.7347E-05	7.37E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
269	1.23999	5.7347E-05	7.11E-05	2.50E-04	1.78E-08	14	1.15E-02	2.86E-09	1,000,000	2.86E-03
270	1.19202	5.7347E-05	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
271	1.31768	5.7347E-05	7.56E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
272	1.29722	5.7347E-05	7.44E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
273	1.27012	5.7347E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
274	1.23741	5.7347E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
275	1.2001	5.7347E-05	6.88E-05	2.50E-04	1.72E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
276	1.15947	5.7347E-05	6.65E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1,000,000	2.67E-03
277	1.11625	5.7347E-05	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
278	1.06273	5.7347E-05	6.09E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
279	1.10467	5.7347E-05	6.33E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
280	1.21475	5.7347E-05	6.97E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
281	1.20219	5.7347E-05	6.89E-05	2.50E-04	1.73E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
282	1.30831	5.7347E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
283	1.10834	5.7347E-05	6.36E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

					Cancer Risk From Idle 5 - 17 to 30 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Receptors					
26	5.33341	5.7347E-05	3.06E-04	2.50E-04	7.65E-08	29	1.15E-02	2.58E-08	1,000,000	2.58E-02
27	5.78544	5.7347E-05	3.32E-04	2.50E-04	8.30E-08	29	1.15E-02	2.80E-08	1,000,000	2.80E-02
28	6.27627	5.7347E-05	3.60E-04	2.50E-04	9.01E-08	29	1.15E-02	3.03E-08	1,000,000	3.03E-02
29	6.80695	5.7347E-05	3.90E-04	2.50E-04	9.77E-08	29	1.15E-02	3.29E-08	1,000,000	3.29E-02
30	7.38095	5.7347E-05	4.23E-04	2.50E-04	1.06E-07	29	1.15E-02	3.57E-08	1,000,000	3.57E-02
31	8.00492	5.7347E-05	4.59E-04	2.50E-04	1.15E-07	29	1.15E-02	3.87E-08	1,000,000	3.87E-02
32	8.68523	5.7347E-05	4.98E-04	2.50E-04	1.25E-07	29	1.15E-02	4.20E-08	1,000,000	4.20E-02
33	9.41831	5.7347E-05	5.40E-04	2.50E-04	1.35E-07	29	1.15E-02	4.55E-08	1,000,000	4.55E-02
34	10.17889	5.7347E-05	5.84E-04	2.50E-04	1.46E-07	29	1.15E-02	4.92E-08	1,000,000	4.92E-02
35	10.91643	5.7347E-05	6.26E-04	2.50E-04	1.57E-07	29	1.15E-02	5.28E-08	1,000,000	5.28E-02
36	11.56005	5.7347E-05	6.63E-04	2.50E-04	1.66E-07	29	1.15E-02	5.59E-08	1,000,000	5.59E-02
37	5.81465	5.7347E-05	3.33E-04	2.50E-04	8.35E-08	29	1.15E-02	2.81E-08	1,000,000	2.81E-02
38	6.34968	5.7347E-05	3.64E-04	2.50E-04	9.11E-08	29	1.15E-02	3.07E-08	1,000,000	3.07E-02
39	6.93747	5.7347E-05	3.98E-04	2.50E-04	9.96E-08	29	1.15E-02	3.35E-08	1,000,000	3.35E-02
40	7.57971	5.7347E-05	4.35E-04	2.50E-04	1.09E-07	29	1.15E-02	3.66E-08	1,000,000	3.66E-02
41	8.28033	5.7347E-05	4.75E-04	2.50E-04	1.19E-07	29	1.15E-02	4.00E-08	1,000,000	4.00E-02
42	9.04689	5.7347E-05	5.19E-04	2.50E-04	1.30E-07	29	1.15E-02	4.37E-08	1,000,000	4.37E-02
43	9.88746	5.7347E-05	5.67E-04	2.50E-04	1.42E-07	29	1.15E-02	4.78E-08	1,000,000	4.78E-02
44	10.79896	5.7347E-05	6.19E-04	2.50E-04	1.55E-07	29	1.15E-02	5.22E-08	1,000,000	5.22E-02
45	11.74973	5.7347E-05	6.74E-04	2.50E-04	1.69E-07	29	1.15E-02	5.68E-08	1,000,000	5.68E-02
46	12.67029	5.7347E-05	7.27E-04	2.50E-04	1.82E-07	29	1.15E-02	6.12E-08	1,000,000	6.12E-02
47	13.45962	5.7347E-05	7.72E-04	2.50E-04	1.93E-07	29	1.15E-02	6.50E-08	1,000,000	6.50E-02
48	6.3585	5.7347E-05	3.65E-04	2.50E-04	9.13E-08	29	1.15E-02	3.07E-08	1,000,000	3.07E-02
49	6.99609	5.7347E-05	4.01E-04	2.50E-04	1.00E-07	29	1.15E-02	3.38E-08	1,000,000	3.38E-02
50	7.70612	5.7347E-05	4.42E-04	2.50E-04	1.11E-07	29	1.15E-02	3.72E-08	1,000,000	3.72E-02
51	8.49211	5.7347E-05	4.87E-04	2.50E-04	1.22E-07	29	1.15E-02	4.10E-08	1,000,000	4.10E-02
52	9.35931	5.7347E-05	5.37E-04	2.50E-04	1.34E-07	29	1.15E-02	4.52E-08	1,000,000	4.52E-02
53	10.31677	5.7347E-05	5.92E-04	2.50E-04	1.48E-07	29	1.15E-02	4.99E-08	1,000,000	4.99E-02
54	11.37448	5.7347E-05	6.52E-04	2.50E-04	1.63E-07	29	1.15E-02	5.50E-08	1,000,000	5.50E-02
55	12.52999	5.7347E-05	7.19E-04	2.50E-04	1.80E-07	29	1.15E-02	6.05E-08	1,000,000	6.05E-02
56	13.74306	5.7347E-05	7.88E-04	2.50E-04	1.97E-07	29	1.15E-02	6.64E-08	1,000,000	6.64E-02
57	14.91571	5.7347E-05	8.55E-04	2.50E-04	2.14E-07	29	1.15E-02	7.21E-08	1,000,000	7.21E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	9.12E-04	2.50E-04	2.28E-07	29	1.15E-02	7.68E-08	1,000,000	7.68E-02
59	6.97343	5.7347E-05	4.00E-04	2.50E-04	1.00E-07	29	1.15E-02	3.37E-08	1,000,000	3.37E-02
60	7.73855	5.7347E-05	4.44E-04	2.50E-04	1.11E-07	29	1.15E-02	3.74E-08	1,000,000	3.74E-02
61	8.604	5.7347E-05	4.93E-04	2.50E-04	1.23E-07	29	1.15E-02	4.16E-08	1,000,000	4.16E-02
62	9.57728	5.7347E-05	5.49E-04	2.50E-04	1.37E-07	29	1.15E-02	4.63E-08	1,000,000	4.63E-02
63	10.66704	5.7347E-05	6.12E-04	2.50E-04	1.53E-07	29	1.15E-02	5.15E-08	1,000,000	5.15E-02
64	11.88547	5.7347E-05	6.82E-04	2.50E-04	1.71E-07	29	1.15E-02	5.74E-08	1,000,000	5.74E-02
65	13.24533	5.7347E-05	7.60E-04	2.50E-04	1.90E-07	29	1.15E-02	6.40E-08	1,000,000	6.40E-02
66	14.74449	5.7347E-05	8.46E-04	2.50E-04	2.12E-07	29	1.15E-02	7.12E-08	1,000,000	7.12E-02
67	16.33077	5.7347E-05	9.37E-04	2.50E-04	2.34E-07	29	1.15E-02	7.89E-08	1,000,000	7.89E-02
68	17.86179	5.7347E-05	1.02E-03	2.50E-04	2.56E-07	29	1.15E-02	8.63E-08	1,000,000	8.63E-02
69	19.10687	5.7347E-05	1.10E-03	2.50E-04	2.74E-07	29	1.15E-02	9.23E-08	1,000,000	9.23E-02
70	7.66748	5.7347E-05	4.40E-04	2.50E-04	1.10E-07	29	1.15E-02	3.71E-08	1,000,000	3.71E-02
71	8.59218	5.7347E-05	4.93E-04	2.50E-04	1.23E-07	29	1.15E-02	4.15E-08	1,000,000	4.15E-02
72	9.65697	5.7347E-05	5.54E-04	2.50E-04	1.39E-07	29	1.15E-02	4.67E-08	1,000,000	4.67E-02
73	10.87714	5.7347E-05	6.24E-04	2.50E-04	1.56E-07	29	1.15E-02	5.26E-08	1,000,000	5.26E-02
74	12.26904	5.7347E-05	7.04E-04	2.50E-04	1.76E-07	29	1.15E-02	5.93E-08	1,000,000	5.93E-02
75	13.85233	5.7347E-05	7.94E-04	2.50E-04	1.99E-07	29	1.15E-02	6.69E-08	1,000,000	6.69E-02
76	15.64539	5.7347E-05	8.97E-04	2.50E-04	2.25E-07	29	1.15E-02	7.56E-08	1,000,000	7.56E-02
77	17.64595	5.7347E-05	1.01E-03	2.50E-04	2.53E-07	29	1.15E-02	8.53E-08	1,000,000	8.53E-02
78	19.7839	5.7347E-05	1.13E-03	2.50E-04	2.84E-07	29	1.15E-02	9.56E-08	1,000,000	9.56E-02
79	21.84465	5.7347E-05	1.25E-03	2.50E-04	3.14E-07	29	1.15E-02	1.06E-07	1,000,000	1.06E-01
80	23.45211	5.7347E-05	1.34E-03	2.50E-04	3.37E-07	29	1.15E-02	1.13E-07	1,000,000	1.13E-01
81	8.44662	5.7347E-05	4.84E-04	2.50E-04	1.21E-07	29	1.15E-02	4.08E-08	1,000,000	4.08E-02
82	9.57185	5.7347E-05	5.49E-04	2.50E-04	1.37E-07	29	1.15E-02	4.63E-08	1,000,000	4.63E-02
83	10.89439	5.7347E-05	6.25E-04	2.50E-04	1.56E-07	29	1.15E-02	5.26E-08	1,000,000	5.26E-02
84	12.44401	5.7347E-05	7.14E-04	2.50E-04	1.79E-07	29	1.15E-02	6.01E-08	1,000,000	6.01E-02
85	14.25293	5.7347E-05	8.17E-04	2.50E-04	2.05E-07	29	1.15E-02	6.89E-08	1,000,000	6.89E-02
86	16.35845	5.7347E-05	9.38E-04	2.50E-04	2.35E-07	29	1.15E-02	7.90E-08	1,000,000	7.90E-02
87	18.79392	5.7347E-05	1.08E-03	2.50E-04	2.70E-07	29	1.15E-02	9.08E-08	1,000,000	9.08E-02
88	21.55807	5.7347E-05	1.24E-03	2.50E-04	3.09E-07	29	1.15E-02	1.04E-07	1,000,000	1.04E-01
89	24.55131	5.7347E-05	1.41E-03	2.50E-04	3.52E-07	29	1.15E-02	1.19E-07	1,000,000	1.19E-01
90	27.43498	5.7347E-05	1.57E-03	2.50E-04	3.94E-07	29	1.15E-02	1.33E-07	1,000,000	1.33E-01

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	1.69E-03	2.50E-04	4.24E-07	29	1.15E-02	1.43E-07	1,000,000	1.43E-01
92	9.31214	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	29	1.15E-02	4.50E-08	1,000,000	4.50E-02
93	10.68884	5.7347E-05	6.13E-04	2.50E-04	1.53E-07	29	1.15E-02	5.17E-08	1,000,000	5.17E-02
94	12.34607	5.7347E-05	7.08E-04	2.50E-04	1.77E-07	29	1.15E-02	5.97E-08	1,000,000	5.97E-02
95	14.34007	5.7347E-05	8.22E-04	2.50E-04	2.06E-07	29	1.15E-02	6.93E-08	1,000,000	6.93E-02
96	16.73471	5.7347E-05	9.60E-04	2.50E-04	2.40E-07	29	1.15E-02	8.09E-08	1,000,000	8.09E-02
97	19.60651	5.7347E-05	1.12E-03	2.50E-04	2.81E-07	29	1.15E-02	9.47E-08	1,000,000	9.47E-02
98	23.03041	5.7347E-05	1.32E-03	2.50E-04	3.31E-07	29	1.15E-02	1.11E-07	1,000,000	1.11E-01
99	27.01958	5.7347E-05	1.55E-03	2.50E-04	3.88E-07	29	1.15E-02	1.31E-07	1,000,000	1.31E-01
100	31.42314	5.7347E-05	1.80E-03	2.50E-04	4.51E-07	29	1.15E-02	1.52E-07	1,000,000	1.52E-01
101	35.67215	5.7347E-05	2.05E-03	2.50E-04	5.12E-07	29	1.15E-02	1.72E-07	1,000,000	1.72E-01
102	38.51512	5.7347E-05	2.21E-03	2.50E-04	5.53E-07	29	1.15E-02	1.86E-07	1,000,000	1.86E-01
103	16.09433	5.7347E-05	9.23E-04	2.50E-04	2.31E-07	29	1.15E-02	7.78E-08	1,000,000	7.78E-02
104	19.12371	5.7347E-05	1.10E-03	2.50E-04	2.74E-07	29	1.15E-02	9.24E-08	1,000,000	9.24E-02
105	23.46263	5.7347E-05	1.35E-03	2.50E-04	3.37E-07	29	1.15E-02	1.13E-07	1,000,000	1.13E-01
106	28.2745	5.7347E-05	1.62E-03	2.50E-04	4.06E-07	29	1.15E-02	1.37E-07	1,000,000	1.37E-01
107	34.97506	5.7347E-05	2.01E-03	2.50E-04	5.02E-07	29	1.15E-02	1.69E-07	1,000,000	1.69E-01
108	41.90362	5.7347E-05	2.40E-03	2.50E-04	6.01E-07	29	1.15E-02	2.02E-07	1,000,000	2.02E-01
109	48.63649	5.7347E-05	2.79E-03	2.50E-04	6.98E-07	29	1.15E-02	2.35E-07	1,000,000	2.35E-01
110	52.47842	5.7347E-05	3.01E-03	2.50E-04	7.53E-07	29	1.15E-02	2.54E-07	1,000,000	2.54E-01
111	13.69663	5.7347E-05	7.85E-04	2.50E-04	1.97E-07	29	1.15E-02	6.62E-08	1,000,000	6.62E-02
112	11.51625	5.7347E-05	6.60E-04	2.50E-04	1.65E-07	29	1.15E-02	5.56E-08	1,000,000	5.56E-02

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	1.8E-02	School	0.7812	110	5	1.59E-05	0.00181	110	School
2	1.9E-02	Res	0.1296	140	5	1.69E-05	0.0001	140	Res
3	2.0E-02	Teachers	0.254	110	5	1.79E-05	0.00181	110	Teachers
4	2.1E-02				5	1.90E-05			
5	2.2E-02				5	2.03E-05			
6	1.7E-02				5	1.58E-05			
7	1.8E-02				5	1.67E-05			
8	2.0E-02				5	1.78E-05			
9	2.1E-02				5	1.89E-05			
10	2.2E-02				5	2.02E-05			
11	1.7E-02				5	1.57E-05			
12	1.8E-02				5	1.66E-05			
13	1.9E-02				5	1.76E-05			
14	2.1E-02				5	1.88E-05			
15	2.2E-02				5	2.01E-05			
16	1.7E-02				5	1.56E-05			
17	1.8E-02				5	1.65E-05			
18	1.9E-02				5	1.76E-05			
19	2.1E-02				5	1.87E-05			
20	2.2E-02				5	2.00E-05			
21	1.7E-02				5	1.55E-05			
22	1.8E-02				5	1.65E-05			
23	1.9E-02				5	1.75E-05			
24	2.1E-02				5	1.86E-05			
25	2.2E-02				5	1.99E-05			
113	1.1E-01				5	1.02E-04			
114	1.0E-01				5	9.15E-05			
115	9.1E-02				5	8.27E-05			
116	8.3E-02				5	7.50E-05			
117	1.2E-01				5	1.05E-04			
118	1.0E-01				5	9.41E-05			
119	9.3E-02				5	8.46E-05			

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	8.4E-02				5	7.65E-05		
121	1.2E-01				5	1.08E-04		
122	1.1E-01				5	9.63E-05		
123	9.5E-02				5	8.63E-05		
124	8.6E-02				5	7.77E-05		
125	1.2E-01				5	1.11E-04		
126	1.1E-01				5	9.83E-05		
127	9.7E-02				5	8.77E-05		
128	8.7E-02				5	7.88E-05		
129	1.2E-01				5	1.13E-04		
130	1.1E-01				5	9.99E-05		
131	9.8E-02				5	8.89E-05		
132	8.8E-02				5	7.97E-05		
133	1.3E-01				5	1.15E-04		
134	1.1E-01				5	1.01E-04		
135	9.9E-02				5	8.99E-05		
136	8.9E-02				5	8.05E-05		
137	1.3E-01				5	1.16E-04		
138	1.0E-01				5	9.07E-05		
139	8.9E-02				5	8.11E-05		
140	1.3E-01				5	1.18E-04		
141	1.1E-01				5	1.03E-04		
142	1.0E-01				5	9.11E-05		
143	9.0E-02				5	8.12E-05		
144	1.3E-01				5	1.17E-04		
145	1.1E-01				5	1.02E-04		
146	1.0E-01				5	9.05E-05		
147	8.9E-02				5	8.07E-05		
148	1.3E-01				5	1.15E-04		
149	1.1E-01				5	1.01E-04		
150	9.9E-02				5	8.94E-05		
151	8.8E-02				5	7.98E-05		
152	1.2E-01				5	1.12E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.1E-01				5	9.89E-05		
154	9.7E-02				5	8.78E-05		
155	8.7E-02				5	7.85E-05		
156	1.2E-01				5	1.09E-04		
157	1.1E-01				5	9.60E-05		
158	9.4E-02				5	8.55E-05		
159	8.5E-02				5	7.67E-05		
160	1.1E-01				5	1.04E-04		
161	1.0E-01				5	9.22E-05		
162	9.1E-02				5	8.25E-05		
163	8.2E-02				5	7.43E-05		
164	1.1E-01				5	9.70E-05		
165	9.6E-02				5	8.72E-05		
166	8.7E-02				5	7.87E-05		
167	7.9E-02				5	7.13E-05		
168	9.8E-02				5	8.93E-05		
169	9.0E-02				5	8.13E-05		
170	8.2E-02				5	7.40E-05		
171	7.5E-02				5	6.77E-05		
172	9.0E-02				5	8.13E-05		
173	8.2E-02				5	7.47E-05		
174	7.6E-02				5	6.88E-05		
175	7.0E-02				5	6.35E-05		
176	8.1E-02				5	7.36E-05		
177	7.5E-02				5	6.81E-05		
178	7.0E-02				5	6.33E-05		
179	6.5E-02				5	5.89E-05		
180	7.4E-02				5	6.69E-05		
181	6.8E-02				5	6.21E-05		
182	6.4E-02				5	5.79E-05		
183	6.0E-02				5	5.43E-05		
184	1.1E-01				5	9.74E-05		
185	8.4E-02				5	7.66E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	7.7E-02				5	7.00E-05		
187	7.1E-02				5	6.45E-05		
188	6.6E-02				5	5.99E-05		
189	8.6E-02				5	7.77E-05		
190	7.8E-02				5	7.06E-05		
191	7.1E-02				5	6.46E-05		
192	6.6E-02				5	5.95E-05		
193	6.1E-02				5	5.51E-05		
194	7.9E-02				5	7.17E-05		
195	7.2E-02				5	6.55E-05		
196	6.6E-02				5	6.01E-05		
197	6.1E-02				5	5.53E-05		
198	5.7E-02				5	5.13E-05		
199	7.3E-02				5	6.63E-05		
200	6.7E-02				5	6.09E-05		
201	6.2E-02				5	5.61E-05		
202	5.7E-02				5	5.18E-05		
203	5.3E-02				5	4.80E-05		
204	9.4E-02				5	8.54E-05		
205	6.8E-02				5	6.15E-05		
206	6.3E-02				5	5.68E-05		
207	5.8E-02				5	5.25E-05		
208	5.4E-02				5	4.87E-05		
209	8.5E-02				5	7.74E-05		
210	7.9E-02				5	7.16E-05		
211	7.3E-02				5	6.63E-05		
212	6.8E-02				5	6.15E-05		
213	6.3E-02				5	5.71E-05		
214	5.8E-02				5	5.30E-05		
215	5.4E-02				5	4.93E-05		
216	8.2E-02				5	7.40E-05		
217	7.6E-02				5	6.91E-05		
218	7.1E-02				5	6.45E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	6.6E-02				5	6.03E-05		
220	6.2E-02				5	5.64E-05		
221	5.8E-02				5	5.28E-05		
222	7.4E-02				5	6.75E-05		
223	7.0E-02				5	6.33E-05		
224	6.5E-02				5	5.93E-05		
225	6.1E-02				5	5.57E-05		
226	5.8E-02				5	5.22E-05		
227	6.8E-02				5	6.18E-05		
228	6.4E-02				5	5.81E-05		
229	6.0E-02				5	5.47E-05		
230	5.7E-02				5	5.15E-05		
231	6.3E-02				5	5.68E-05		
232	5.9E-02				5	5.37E-05		
233	5.6E-02				5	5.07E-05		
234	5.3E-02				5	4.79E-05		
235	5.8E-02				5	5.25E-05		
236	5.5E-02				5	4.97E-05		
237	5.2E-02				5	4.71E-05		
238	4.9E-02				5	4.46E-05		
239	5.4E-02				5	4.86E-05		
240	5.1E-02				5	4.62E-05		
241	4.8E-02				5	4.39E-05		
242	4.6E-02				5	4.17E-05		
243	6.7E-02				5	6.10E-05		
244	6.6E-02				5	6.02E-05		
245	6.5E-02				5	5.90E-05		
246	6.3E-02				5	5.74E-05		
247	6.1E-02				5	5.54E-05		
248	5.9E-02				5	5.32E-05		
249	5.6E-02				5	5.08E-05		
250	6.2E-02				5	5.64E-05		
251	6.1E-02				5	5.56E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	6.0E-02				5	5.45E-05		
253	5.8E-02				5	5.30E-05		
254	5.6E-02				5	5.12E-05		
255	5.4E-02				5	4.92E-05		
256	5.2E-02				5	4.72E-05		
257	5.8E-02				5	5.23E-05		
258	5.7E-02				5	5.15E-05		
259	5.6E-02				5	5.04E-05		
260	5.4E-02				5	4.91E-05		
261	5.2E-02				5	4.75E-05		
262	5.0E-02				5	4.58E-05		
263	4.8E-02				5	4.39E-05		
264	5.4E-02				5	4.86E-05		
265	5.3E-02				5	4.79E-05		
266	5.2E-02				5	4.69E-05		
267	5.0E-02				5	4.56E-05		
268	4.9E-02				5	4.42E-05		
269	4.7E-02				5	4.27E-05		
270	4.5E-02				5	4.10E-05		
271	5.0E-02				5	4.53E-05		
272	4.9E-02				5	4.46E-05		
273	4.8E-02				5	4.37E-05		
274	4.7E-02				5	4.26E-05		
275	4.6E-02				5	4.13E-05		
276	4.4E-02				5	3.99E-05		
277	4.2E-02				5	3.84E-05		
278	4.0E-02				5	3.66E-05		
279	4.2E-02				5	3.80E-05		
280	4.6E-02				5	4.18E-05		
281	4.6E-02				5	4.14E-05		
282	5.0E-02				5	4.50E-05		
283	4.2E-02				5	3.81E-05		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Receptors				
26	7.9E-02	2.6E-02			5	1.84E-04		
27	8.6E-02	2.8E-02			5	1.99E-04		
28	9.3E-02	3.0E-02			5	2.16E-04		
29	1.0E-01	3.3E-02			5	2.34E-04		
30	1.1E-01	3.6E-02			5	2.54E-04		
31	1.2E-01	3.9E-02			5	2.75E-04		
32	1.3E-01	4.2E-02			5	2.99E-04		
33	1.4E-01	4.6E-02			5	3.24E-04		
34	1.5E-01	4.9E-02			5	3.50E-04		
35	1.6E-01	5.3E-02			5	3.76E-04		
36	1.7E-01	5.6E-02			5	3.98E-04		
37	8.7E-02	2.8E-02			5	2.00E-04		
38	9.5E-02	3.1E-02			5	2.18E-04		
39	1.0E-01	3.4E-02			5	2.39E-04		
40	1.1E-01	3.7E-02			5	2.61E-04		
41	1.2E-01	4.0E-02			5	2.85E-04		
42	1.3E-01	4.4E-02			5	3.11E-04		
43	1.5E-01	4.8E-02			5	3.40E-04		
44	1.6E-01	5.2E-02			5	3.72E-04		
45	1.7E-01	5.7E-02			5	4.04E-04		
46	1.9E-01	6.1E-02			5	4.36E-04		
47	2.0E-01	6.5E-02			5	4.63E-04		
48	9.5E-02	3.1E-02			5	2.19E-04		
49	1.0E-01	3.4E-02			5	2.41E-04		
50	1.1E-01	3.7E-02			5	2.65E-04		
51	1.3E-01	4.1E-02			5	2.92E-04		
52	1.4E-01	4.5E-02			5	3.22E-04		
53	1.5E-01	5.0E-02			5	3.55E-04		
54	1.7E-01	5.5E-02			5	3.91E-04		
55	1.9E-01	6.1E-02			5	4.31E-04		
56	2.0E-01	6.6E-02			5	4.73E-04		
57	2.2E-01	7.2E-02			5	5.13E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.4E-01	7.7E-02			5	5.47E-04		
59	1.0E-01	3.4E-02			5	2.40E-04		
60	1.2E-01	3.7E-02			5	2.66E-04		
61	1.3E-01	4.2E-02			5	2.96E-04		
62	1.4E-01	4.6E-02			5	3.30E-04		
63	1.6E-01	5.2E-02			5	3.67E-04		
64	1.8E-01	5.7E-02			5	4.09E-04		
65	2.0E-01	6.4E-02			5	4.56E-04		
66	2.2E-01	7.1E-02			5	5.07E-04		
67	2.4E-01	7.9E-02			5	5.62E-04		
68	2.7E-01	8.6E-02			5	6.15E-04		
69	2.8E-01	9.2E-02			5	6.57E-04		
70	1.1E-01	3.7E-02			5	2.64E-04		
71	1.3E-01	4.2E-02			5	2.96E-04		
72	1.4E-01	4.7E-02			5	3.32E-04		
73	1.6E-01	5.3E-02			5	3.74E-04		
74	1.8E-01	5.9E-02			5	4.22E-04		
75	2.1E-01	6.7E-02			5	4.77E-04		
76	2.3E-01	7.6E-02			5	5.38E-04		
77	2.6E-01	8.5E-02			5	6.07E-04		
78	2.9E-01	9.6E-02			5	6.81E-04		
79	3.3E-01	1.1E-01			5	7.52E-04		
80	3.5E-01	1.1E-01			5	8.07E-04		
81	1.3E-01	4.1E-02			5	2.91E-04		
82	1.4E-01	4.6E-02			5	3.29E-04		
83	1.6E-01	5.3E-02			5	3.75E-04		
84	1.9E-01	6.0E-02			5	4.28E-04		
85	2.1E-01	6.9E-02			5	4.90E-04		
86	2.4E-01	7.9E-02			5	5.63E-04		
87	2.8E-01	9.1E-02			5	6.47E-04		
88	3.2E-01	1.0E-01			5	7.42E-04		
89	3.7E-01	1.2E-01			5	8.45E-04		
90	4.1E-01	1.3E-01			5	9.44E-04		

Shiolh Business Park

Unmitigated - 29 year Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	4.4E-01	1.4E-01			5	1.02E-03		
92	1.4E-01	4.5E-02			5	3.20E-04		
93	1.6E-01	5.2E-02			5	3.68E-04		
94	1.8E-01	6.0E-02			5	4.25E-04		
95	2.1E-01	6.9E-02			5	4.93E-04		
96	2.5E-01	8.1E-02			5	5.76E-04		
97	2.9E-01	9.5E-02			5	6.75E-04		
98	3.4E-01	1.1E-01			5	7.92E-04		
99	4.0E-01	1.3E-01			5	9.30E-04		
100	4.7E-01	1.5E-01			5	1.08E-03		
101	5.3E-01	1.7E-01			5	1.23E-03		
102	5.7E-01	1.9E-01			5	1.33E-03		
103	2.4E-01	7.8E-02			5	5.54E-04		
104	2.8E-01	9.2E-02			5	6.58E-04		
105	3.5E-01	1.1E-01			5	8.07E-04		
106	4.2E-01	1.4E-01			5	9.73E-04		
107	5.2E-01	1.7E-01			5	1.20E-03		
108	6.2E-01	2.0E-01			5	1.44E-03		
109	7.2E-01	2.4E-01			5	1.67E-03		
110	7.8E-01	2.5E-01			5	1.81E-03		
111	2.0E-01	6.6E-02			5	4.71E-04		
112	1.7E-01	5.6E-02			5	3.96E-04		

Attachment 5

30-year Operational Risk Calculations

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

				Cancer Risk									
Receptor #	Total Per/Million	Rec#		Haul1&3	Haul2&3	Idle		Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	
	1.474	278	<-Max	0.6493	1.1728	0.6518	Res						
	2.35	#N/A		1.169	1.025	1.243	Teacher	7.77	#N/A	0.000	3.872	3.390	Student
						Residential Receptors							
1	2.658E-01			5.66E-02	1.45E-01	1.21E-01							
2	2.907E-01			5.99E-02	1.62E-01	1.29E-01							
3	3.214E-01			6.35E-02	1.84E-01	1.37E-01							
4	3.590E-01			6.74E-02	2.12E-01	1.47E-01							
5	4.079E-01			7.19E-02	2.51E-01	1.57E-01							
6	2.638E-01			5.63E-02	1.43E-01	1.20E-01							
7	2.883E-01			5.95E-02	1.61E-01	1.28E-01							
8	3.182E-01			6.31E-02	1.82E-01	1.36E-01							
9	3.561E-01			6.71E-02	2.10E-01	1.46E-01							
10	4.044E-01			7.15E-02	2.48E-01	1.56E-01							
11	2.610E-01			5.60E-02	1.42E-01	1.19E-01							
12	2.852E-01			5.92E-02	1.58E-01	1.27E-01							
13	3.148E-01			6.28E-02	1.80E-01	1.35E-01							
14	3.526E-01			6.69E-02	2.08E-01	1.45E-01							
15	4.005E-01			7.13E-02	2.45E-01	1.55E-01							
16	2.582E-01			5.57E-02	1.40E-01	1.18E-01							
17	2.824E-01			5.89E-02	1.56E-01	1.26E-01							
18	3.117E-01			6.25E-02	1.77E-01	1.34E-01							
19	3.481E-01			6.64E-02	2.04E-01	1.44E-01							
20	3.963E-01			7.09E-02	2.42E-01	1.54E-01							
21	2.214E-01			5.54E-02	1.04E-01	1.18E-01							
22	2.407E-01			5.87E-02	1.15E-01	1.25E-01							
23	2.639E-01			6.23E-02	1.30E-01	1.34E-01							
24	2.924E-01			6.62E-02	1.49E-01	1.43E-01							
25	3.282E-01			7.06E-02	1.75E-01	1.53E-01							
113	1.216E+00			6.49E-01	2.56E-01	5.67E-01							
114	1.104E+00			5.89E-01	2.34E-01	5.15E-01							
115	1.006E+00			5.36E-01	2.14E-01	4.70E-01							
116	9.162E-01			4.86E-01	1.97E-01	4.30E-01							

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
117	1.179E+00		5.95E-01	2.63E-01	5.84E-01					
118	1.067E+00		5.39E-01	2.39E-01	5.28E-01					
119	9.690E-01		4.89E-01	2.19E-01	4.80E-01					
120	8.813E-01		4.43E-01	2.01E-01	4.38E-01					
121	1.151E+00		5.52E-01	2.70E-01	5.99E-01					
122	1.039E+00		4.99E-01	2.45E-01	5.40E-01					
123	9.413E-01		4.52E-01	2.23E-01	4.89E-01					
124	8.550E-01		4.10E-01	2.04E-01	4.45E-01					
125	1.129E+00		5.17E-01	2.76E-01	6.12E-01					
126	1.017E+00		4.67E-01	2.49E-01	5.50E-01					
127	9.194E-01		4.23E-01	2.39E-01	4.97E-01					
128	8.344E-01		3.83E-01	2.19E-01	4.51E-01					
129	1.111E+00		4.87E-01	2.95E-01	6.24E-01					
130	9.985E-01		4.40E-01	2.67E-01	5.59E-01					
131	9.017E-01		3.98E-01	2.42E-01	5.03E-01					
132	8.176E-01		3.61E-01	2.22E-01	4.56E-01					
133	1.096E+00		4.63E-01	3.00E-01	6.34E-01					
134	9.830E-01		4.17E-01	2.70E-01	5.66E-01					
135	8.866E-01		3.78E-01	2.45E-01	5.09E-01					
136	8.035E-01		3.43E-01	2.24E-01	4.61E-01					
137	1.082E+00		4.41E-01	3.03E-01	6.41E-01					
138	8.732E-01		3.60E-01	2.47E-01	5.13E-01					
139	7.909E-01		3.27E-01	2.26E-01	4.64E-01					
140	1.038E+00		3.87E-01	3.09E-01	6.52E-01					
141	9.277E-01		3.49E-01	2.77E-01	5.79E-01					
142	8.347E-01		3.16E-01	2.50E-01	5.19E-01					
143	7.557E-01		2.88E-01	2.28E-01	4.68E-01					
144	1.020E+00		3.70E-01	3.08E-01	6.50E-01					
145	9.113E-01		3.34E-01	2.76E-01	5.77E-01					
146	8.202E-01		3.03E-01	2.50E-01	5.17E-01					
147	7.428E-01		2.77E-01	2.27E-01	4.66E-01					
148	9.979E-01		3.54E-01	3.06E-01	6.44E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
149	8.925E-01		3.20E-01	2.75E-01	5.73E-01					
150	8.039E-01		2.91E-01	2.49E-01	5.13E-01					
151	7.286E-01		2.66E-01	2.26E-01	4.63E-01					
152	9.718E-01		3.37E-01	3.02E-01	6.35E-01					
153	8.706E-01		3.05E-01	2.72E-01	5.65E-01					
154	7.854E-01		2.78E-01	2.46E-01	5.07E-01					
155	7.127E-01		2.55E-01	2.24E-01	4.58E-01					
156	9.404E-01		3.19E-01	2.96E-01	6.21E-01					
157	8.451E-01		2.91E-01	2.67E-01	5.54E-01					
158	7.641E-01		2.66E-01	2.43E-01	4.98E-01					
159	6.948E-01		2.44E-01	2.22E-01	4.51E-01					
160	9.032E-01		3.02E-01	2.87E-01	6.02E-01					
161	8.151E-01		2.75E-01	2.61E-01	5.40E-01					
162	7.396E-01		2.53E-01	2.38E-01	4.87E-01					
163	6.743E-01		2.33E-01	2.18E-01	4.42E-01					
164	8.603E-01		2.83E-01	2.78E-01	5.77E-01					
165	7.804E-01		2.60E-01	2.53E-01	5.20E-01					
166	7.106E-01		2.39E-01	2.32E-01	4.71E-01					
167	6.504E-01		2.21E-01	2.13E-01	4.29E-01					
168	8.149E-01		2.65E-01	2.67E-01	5.48E-01					
169	7.418E-01		2.45E-01	2.44E-01	4.97E-01					
170	6.788E-01		2.26E-01	2.25E-01	4.53E-01					
171	6.241E-01		2.10E-01	2.07E-01	4.14E-01					
172	7.723E-01		2.48E-01	2.56E-01	5.17E-01					
173	7.063E-01		2.29E-01	2.35E-01	4.72E-01					
174	6.485E-01		2.13E-01	2.17E-01	4.32E-01					
175	5.977E-01		1.98E-01	2.01E-01	3.97E-01					
176	7.286E-01		2.31E-01	2.44E-01	4.85E-01					
177	6.695E-01		2.15E-01	2.25E-01	4.44E-01					
178	6.175E-01		2.00E-01	2.09E-01	4.09E-01					
179	5.717E-01		1.87E-01	1.94E-01	3.78E-01					
180	6.852E-01		2.15E-01	2.33E-01	4.52E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
181	6.324E-01		2.01E-01	2.15E-01	4.17E-01					
182	5.856E-01		1.88E-01	2.00E-01	3.86E-01					
183	5.443E-01		1.76E-01	1.86E-01	3.58E-01					
184	8.919E-01		2.86E-01	2.91E-01	6.01E-01					
185	7.931E-01		2.41E-01	2.71E-01	5.22E-01					
186	7.269E-01		2.24E-01	2.48E-01	4.79E-01					
187	6.692E-01		2.09E-01	2.29E-01	4.40E-01					
188	6.186E-01		1.95E-01	2.12E-01	4.06E-01					
189	8.021E-01		2.39E-01	2.80E-01	5.23E-01					
190	7.357E-01		2.22E-01	2.56E-01	4.79E-01					
191	6.777E-01		2.08E-01	2.36E-01	4.42E-01					
192	6.268E-01		1.94E-01	2.18E-01	4.09E-01					
193	5.817E-01		1.82E-01	2.03E-01	3.79E-01					
194	7.414E-01		2.21E-01	2.64E-01	4.77E-01					
195	6.829E-01		2.06E-01	2.43E-01	4.40E-01					
196	6.318E-01		1.93E-01	2.24E-01	4.07E-01					
197	5.863E-01		1.81E-01	2.08E-01	3.78E-01					
198	5.463E-01		1.70E-01	1.94E-01	3.53E-01					
199	6.883E-01		2.04E-01	2.50E-01	4.38E-01					
200	6.358E-01		1.91E-01	2.30E-01	4.05E-01					
201	5.898E-01		1.80E-01	2.13E-01	3.76E-01					
202	5.490E-01		1.69E-01	1.98E-01	3.51E-01					
203	5.130E-01		1.59E-01	1.85E-01	3.28E-01					
204	9.135E-01		2.51E-01	3.38E-01	5.75E-01					
205	6.424E-01		1.90E-01	2.37E-01	4.05E-01					
206	5.946E-01		1.79E-01	2.19E-01	3.76E-01					
207	5.524E-01		1.68E-01	2.03E-01	3.49E-01					
208	5.154E-01		1.58E-01	1.89E-01	3.26E-01					
209	8.413E-01		2.31E-01	3.16E-01	5.25E-01					
210	7.703E-01		2.16E-01	2.89E-01	4.82E-01					
211	7.072E-01		2.02E-01	2.65E-01	4.42E-01					
212	6.515E-01		1.89E-01	2.44E-01	4.08E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
213	6.021E-01		1.78E-01	2.25E-01	3.77E-01					
214	5.584E-01		1.67E-01	2.09E-01	3.50E-01					
215	5.197E-01		1.58E-01	1.94E-01	3.26E-01					
216	8.438E-01		2.21E-01	3.29E-01	5.15E-01					
217	7.782E-01		2.09E-01	3.01E-01	4.77E-01					
218	7.186E-01		1.97E-01	2.77E-01	4.42E-01					
219	6.652E-01		1.86E-01	2.55E-01	4.10E-01					
220	6.166E-01		1.75E-01	2.36E-01	3.81E-01					
221	5.727E-01		1.65E-01	2.19E-01	3.54E-01					
222	7.752E-01		2.04E-01	3.06E-01	4.70E-01					
223	7.182E-01		1.93E-01	2.81E-01	4.37E-01					
224	6.665E-01		1.83E-01	2.59E-01	4.07E-01					
225	6.199E-01		1.73E-01	2.40E-01	3.80E-01					
226	5.769E-01		1.64E-01	2.23E-01	3.54E-01					
227	7.144E-01		1.89E-01	2.84E-01	4.30E-01					
228	6.646E-01		1.79E-01	2.62E-01	4.02E-01					
229	6.193E-01		1.70E-01	2.43E-01	3.77E-01					
230	5.779E-01		1.62E-01	2.25E-01	3.53E-01					
231	6.599E-01		1.75E-01	2.64E-01	3.96E-01					
232	6.167E-01		1.67E-01	2.45E-01	3.72E-01					
233	5.767E-01		1.59E-01	2.27E-01	3.49E-01					
234	5.401E-01		1.51E-01	2.12E-01	3.28E-01					
235	6.111E-01		1.63E-01	2.46E-01	3.65E-01					
236	5.734E-01		1.56E-01	2.29E-01	3.44E-01					
237	5.379E-01		1.49E-01	2.13E-01	3.25E-01					
238	5.058E-01		1.42E-01	1.99E-01	3.06E-01					
239	5.671E-01		1.52E-01	2.29E-01	3.39E-01					
240	5.337E-01		1.46E-01	2.13E-01	3.20E-01					
241	5.027E-01		1.40E-01	2.00E-01	3.03E-01					
242	4.743E-01		1.34E-01	1.88E-01	2.87E-01					
243	8.445E-01		1.89E-01	3.80E-01	4.64E-01					
244	8.036E-01		1.86E-01	3.53E-01	4.51E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
245	7.621E-01		1.82E-01	3.27E-01	4.35E-01					
246	7.206E-01		1.76E-01	3.04E-01	4.16E-01					
247	6.798E-01		1.71E-01	2.83E-01	3.97E-01					
248	6.409E-01		1.64E-01	2.64E-01	3.77E-01					
249	6.039E-01		1.58E-01	2.46E-01	3.57E-01					
250	7.668E-01		1.76E-01	3.42E-01	4.25E-01					
251	7.321E-01		1.73E-01	3.19E-01	4.13E-01					
252	6.965E-01		1.69E-01	2.97E-01	3.99E-01					
253	6.608E-01		1.64E-01	2.78E-01	3.83E-01					
254	6.253E-01		1.59E-01	2.60E-01	3.66E-01					
255	5.915E-01		1.53E-01	2.43E-01	3.48E-01					
256	5.587E-01		1.48E-01	2.28E-01	3.31E-01					
257	7.003E-01		1.64E-01	3.09E-01	3.91E-01					
258	6.704E-01		1.61E-01	2.90E-01	3.81E-01					
259	6.396E-01		1.57E-01	2.72E-01	3.68E-01					
260	6.085E-01		1.53E-01	2.55E-01	3.54E-01					
261	5.775E-01		1.48E-01	2.39E-01	3.38E-01					
262	5.478E-01		1.44E-01	2.25E-01	3.23E-01					
263	5.189E-01		1.38E-01	2.11E-01	3.08E-01					
264	6.430E-01		1.53E-01	2.82E-01	3.61E-01					
265	6.168E-01		1.50E-01	2.65E-01	3.52E-01					
266	5.898E-01		1.47E-01	2.50E-01	3.40E-01					
267	5.626E-01		1.43E-01	2.35E-01	3.28E-01					
268	5.357E-01		1.39E-01	2.21E-01	3.14E-01					
269	5.093E-01		1.35E-01	2.08E-01	3.01E-01					
270	4.835E-01		1.30E-01	1.96E-01	2.87E-01					
271	5.929E-01		1.43E-01	2.58E-01	3.35E-01					
272	5.699E-01		1.41E-01	2.44E-01	3.26E-01					
273	5.462E-01		1.38E-01	2.30E-01	3.16E-01					
274	5.222E-01		1.34E-01	2.17E-01	3.05E-01					
275	4.983E-01		1.31E-01	2.05E-01	2.93E-01					
276	4.750E-01		1.27E-01	1.94E-01	2.81E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
277	4.517E-01		1.23E-01	1.83E-01	2.69E-01					
278	1.474E+00		1.27E-01	1.17E+00	3.01E-01					
279	1.408E+00		1.32E-01	1.09E+00	3.14E-01					
280	1.325E+00		1.44E-01	9.76E-01	3.49E-01					
281	1.235E+00		1.42E-01	8.90E-01	3.44E-01					
282	1.342E+00		1.54E-01	9.64E-01	3.79E-01					
283	1.157E+00		1.32E-01	8.42E-01	3.15E-01					

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
					School Recepors					
26	2.383E-01		8.40E-02	6.30E-02	1.54E-01	0.79		2.78E-01	2.30E-01	0.51
27	2.591E-01		9.34E-02	6.81E-02	1.66E-01	0.86		3.09E-01	2.44E-01	0.55
28	2.828E-01		1.05E-01	7.39E-02	1.78E-01	0.94		3.47E-01	2.59E-01	0.59
29	3.101E-01		1.19E-01	8.06E-02	1.91E-01	1.03		3.94E-01	2.76E-01	0.63
30	3.417E-01		1.37E-01	8.82E-02	2.05E-01	1.13		4.54E-01	2.94E-01	0.68
31	3.794E-01		1.61E-01	9.37E-02	2.19E-01	1.26		5.33E-01	3.12E-01	0.72
32	4.258E-01		1.93E-01	9.99E-02	2.33E-01	1.41		6.39E-01	3.32E-01	0.77
33	4.851E-01		2.38E-01	1.06E-01	2.48E-01	1.61		7.87E-01	3.53E-01	0.82
34	5.664E-01		3.05E-01	1.13E-01	2.62E-01	1.88		1.01E+00	3.74E-01	0.87
35	7.040E-01		4.30E-01	1.19E-01	2.74E-01	2.33		1.42E+00	3.95E-01	0.91
36	6.862E-01		4.02E-01	1.25E-01	2.84E-01	2.27		1.33E+00	4.14E-01	0.94
37	2.577E-01		8.89E-02	7.49E-02	1.69E-01	0.85		2.94E-01	2.49E-01	0.56
38	2.815E-01		9.91E-02	7.97E-02	1.82E-01	0.93		3.28E-01	2.65E-01	0.60
39	3.085E-01		1.11E-01	8.50E-02	1.97E-01	1.02		3.69E-01	2.83E-01	0.65
40	3.394E-01		1.27E-01	9.08E-02	2.13E-01	1.12		4.19E-01	3.03E-01	0.70
41	3.748E-01		1.45E-01	9.71E-02	2.29E-01	1.24		4.82E-01	3.25E-01	0.76
42	4.160E-01		1.69E-01	1.05E-01	2.47E-01	1.38		5.61E-01	3.48E-01	0.82
43	4.651E-01		2.01E-01	1.12E-01	2.64E-01	1.54		6.65E-01	3.73E-01	0.88
44	5.255E-01		2.43E-01	1.20E-01	2.82E-01	1.74		8.05E-01	4.00E-01	0.94
45	6.057E-01		3.06E-01	1.29E-01	3.00E-01	2.01		1.01E+00	4.27E-01	0.99
46	7.400E-01		4.24E-01	1.37E-01	3.16E-01	2.45		1.41E+00	4.55E-01	1.05
47	7.394E-01		4.13E-01	1.45E-01	3.27E-01	2.45		1.37E+00	4.79E-01	1.08
48	2.799E-01		9.43E-02	8.12E-02	1.86E-01	0.93		3.12E-01	2.69E-01	0.61
49	3.072E-01		1.05E-01	8.69E-02	2.02E-01	1.02		3.49E-01	2.89E-01	0.67
50	3.383E-01		1.19E-01	9.33E-02	2.19E-01	1.12		3.93E-01	3.11E-01	0.73
51	3.736E-01		1.35E-01	1.00E-01	2.39E-01	1.24		4.47E-01	3.35E-01	0.79
52	4.140E-01		1.55E-01	1.08E-01	2.59E-01	1.37		5.13E-01	3.62E-01	0.86
53	4.603E-01		1.80E-01	1.18E-01	2.81E-01	1.52		5.95E-01	3.92E-01	0.93
54	5.142E-01		2.11E-01	1.28E-01	3.03E-01	1.70		6.99E-01	4.24E-01	1.00
55	5.793E-01		2.53E-01	1.38E-01	3.26E-01	1.92		8.39E-01	4.59E-01	1.08
56	6.638E-01		3.15E-01	1.49E-01	3.49E-01	2.20		1.04E+00	4.95E-01	1.15

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
57	8.022E-01		4.34E-01	1.61E-01	3.68E-01	2.66		1.44E+00	5.32E-01	1.22
58	8.115E-01		4.30E-01	1.71E-01	3.81E-01	2.69		1.42E+00	5.65E-01	1.26
59	3.052E-01		1.00E-01	8.82E-02	2.05E-01	1.01		3.32E-01	2.93E-01	0.68
60	3.368E-01		1.12E-01	9.51E-02	2.24E-01	1.12		3.72E-01	3.17E-01	0.74
61	3.730E-01		1.27E-01	1.03E-01	2.46E-01	1.24		4.21E-01	3.43E-01	0.81
62	4.143E-01		1.45E-01	1.12E-01	2.70E-01	1.37		4.79E-01	3.73E-01	0.89
63	4.614E-01		1.66E-01	1.21E-01	2.95E-01	1.53		5.49E-01	4.07E-01	0.98
64	5.151E-01		1.92E-01	1.34E-01	3.23E-01	1.71		6.36E-01	4.45E-01	1.07
65	5.772E-01		2.25E-01	1.47E-01	3.52E-01	1.91		7.46E-01	4.87E-01	1.17
66	6.512E-01		2.69E-01	1.61E-01	3.82E-01	2.16		8.91E-01	5.34E-01	1.27
67	7.451E-01		3.33E-01	1.76E-01	4.12E-01	2.47		1.10E+00	5.84E-01	1.36
68	8.914E-01		4.54E-01	1.93E-01	4.37E-01	2.95		1.50E+00	6.37E-01	1.45
69	9.092E-01		4.57E-01	2.07E-01	4.52E-01	3.01		1.51E+00	6.85E-01	1.50
70	3.341E-01		1.07E-01	9.62E-02	2.27E-01	1.11		3.54E-01	3.20E-01	0.75
71	3.711E-01		1.20E-01	1.04E-01	2.51E-01	1.23		3.99E-01	3.48E-01	0.83
72	4.139E-01		1.36E-01	1.14E-01	2.77E-01	1.37		4.52E-01	3.80E-01	0.92
73	4.630E-01		1.56E-01	1.25E-01	3.07E-01	1.53		5.16E-01	4.17E-01	1.02
74	5.195E-01		1.79E-01	1.37E-01	3.40E-01	1.72		5.93E-01	4.60E-01	1.13
75	5.844E-01		2.08E-01	1.53E-01	3.77E-01	1.94		6.88E-01	5.10E-01	1.25
76	6.595E-01		2.44E-01	1.71E-01	4.15E-01	2.18		8.08E-01	5.67E-01	1.38
77	7.485E-01		2.92E-01	1.91E-01	4.56E-01	2.48		9.67E-01	6.33E-01	1.51
78	8.591E-01		3.61E-01	2.14E-01	4.98E-01	2.85		1.20E+00	7.08E-01	1.65
79	1.019E+00		4.87E-01	2.38E-01	5.32E-01	3.38		1.61E+00	7.88E-01	1.76
80	1.047E+00		4.99E-01	2.61E-01	5.49E-01	3.47		1.65E+00	8.63E-01	1.82
81	3.672E-01		1.14E-01	1.05E-01	2.53E-01	1.22		3.79E-01	3.50E-01	0.84
82	4.111E-01		1.29E-01	1.15E-01	2.82E-01	1.36		4.28E-01	3.84E-01	0.93
83	4.624E-01		1.47E-01	1.27E-01	3.15E-01	1.53		4.88E-01	4.23E-01	1.04
84	5.220E-01		1.69E-01	1.40E-01	3.53E-01	1.73		5.59E-01	4.70E-01	1.17
85	5.918E-01		1.95E-01	1.57E-01	3.97E-01	1.96		6.47E-01	5.25E-01	1.31
86	6.736E-01		2.28E-01	1.78E-01	4.46E-01	2.23		7.55E-01	5.92E-01	1.48
87	7.696E-01		2.70E-01	2.02E-01	5.00E-01	2.55		8.93E-01	6.72E-01	1.66
88	8.841E-01		3.25E-01	2.32E-01	5.59E-01	2.93		1.08E+00	7.69E-01	1.85

Shiolh Business Park
Unmitigated 30 year Operational - RiskSummary

			Cancer Risk							
Receptor #	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle	Total Per/Million	Rec#	Haul1&3	Haul2&3	Idle
89	1.025E+00		4.05E-01	2.67E-01	6.20E-01	3.39		1.34E+00	8.85E-01	2.05
90	1.211E+00		5.43E-01	3.09E-01	6.68E-01	4.01		1.80E+00	1.02E+00	2.21
91	1.255E+00		5.71E-01	3.50E-01	6.84E-01	4.16		1.89E+00	1.15E+00	2.26
92	4.051E-01		1.23E-01	1.15E-01	2.83E-01	1.34		4.06E-01	3.83E-01	0.94
93	4.577E-01		1.39E-01	1.27E-01	3.18E-01	1.52		4.62E-01	4.24E-01	1.05
94	5.201E-01		1.60E-01	1.42E-01	3.60E-01	1.72		5.29E-01	4.73E-01	1.19
95	5.942E-01		1.85E-01	1.59E-01	4.10E-01	1.97		6.11E-01	5.32E-01	1.36
96	6.828E-01		2.15E-01	1.80E-01	4.68E-01	2.26		7.13E-01	6.04E-01	1.55
97	7.902E-01		2.54E-01	2.09E-01	5.36E-01	2.62		8.41E-01	6.94E-01	1.78
98	9.208E-01		3.04E-01	2.43E-01	6.16E-01	3.05		1.01E+00	8.08E-01	2.04
99	1.081E+00		3.73E-01	2.89E-01	7.07E-01	3.58		1.24E+00	9.57E-01	2.34
100	1.280E+00		4.74E-01	3.49E-01	8.06E-01	4.24		1.57E+00	1.16E+00	2.67
101	1.525E+00		6.46E-01	4.31E-01	8.79E-01	5.05		2.14E+00	1.42E+00	2.91
102	1.600E+00		7.19E-01	5.23E-01	8.81E-01	5.30		2.38E+00	1.73E+00	2.92
103	6.618E-01		1.99E-01	1.77E-01	4.63E-01	2.19		6.58E-01	5.89E-01	1.53
104	7.710E-01		2.34E-01	2.03E-01	5.37E-01	2.55		7.74E-01	6.78E-01	1.78
105	9.295E-01		2.84E-01	2.43E-01	6.45E-01	3.08		9.41E-01	8.10E-01	2.14
106	1.112E+00		3.47E-01	2.91E-01	7.65E-01	3.68		1.15E+00	9.69E-01	2.53
107	1.384E+00		4.44E-01	3.67E-01	9.40E-01	4.58		1.47E+00	1.22E+00	3.11
108	1.711E+00		5.89E-01	4.78E-01	1.12E+00	5.67		1.95E+00	1.58E+00	3.72
109	2.102E+00		8.59E-01	6.71E-01	1.24E+00	6.96		2.84E+00	2.22E+00	4.12
110	2.347E+00		1.17E+00	1.03E+00	1.18E+00	7.77		3.87E+00	3.39E+00	3.90
111	5.749E-01		1.71E-01	1.57E-01	4.03E-01	1.90		5.68E-01	5.20E-01	1.34
112	4.944E-01		1.47E-01	1.38E-01	3.48E-01	1.64		4.85E-01	4.56E-01	1.15

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk												
Receptor #	**Receptor #**	**Max Chronic**	**Rec#**		**Haul1&3**	**Haul2&3**	**Idle**				**Haul1&3**	**Haul2&3**	**Idle**	
		0.001	**278**	**<-Max**	**0.00057**	**0.00104**	**0.00058**	**Res**						
		0.016	**####**		**0.00814**	**0.00713**	**0.00866**	**Teacher**	**0.016**	**#N/A**	**0.016**	**0.000**	**0.008**	**Student**
					Residential Receptors									
1	**1**	2.354E-04			5.01E-05	1.28E-04	1.07E-04							
2	**2**	2.574E-04			5.30E-05	1.43E-04	1.14E-04							
3	**3**	2.845E-04			5.62E-05	1.63E-04	1.22E-04							
4	**4**	3.179E-04			5.97E-05	1.88E-04	1.30E-04							
5	**5**	3.611E-04			6.36E-05	2.22E-04	1.39E-04							
6	**6**	2.336E-04			4.99E-05	1.27E-04	1.07E-04							
7	**7**	2.553E-04			5.27E-05	1.42E-04	1.13E-04							
8	**8**	2.817E-04			5.59E-05	1.61E-04	1.20E-04							
9	**9**	3.153E-04			5.94E-05	1.86E-04	1.29E-04							
10	**10**	3.580E-04			6.33E-05	2.20E-04	1.38E-04							
11	**11**	2.311E-04			4.96E-05	1.25E-04	1.06E-04							
12	**12**	2.525E-04			5.24E-05	1.40E-04	1.12E-04							
13	**13**	2.787E-04			5.56E-05	1.59E-04	1.20E-04							
14	**14**	3.121E-04			5.92E-05	1.84E-04	1.28E-04							
15	**15**	3.545E-04			6.31E-05	2.17E-04	1.37E-04							
16	**16**	2.286E-04			4.93E-05	1.24E-04	1.05E-04							
17	**17**	2.500E-04			5.22E-05	1.38E-04	1.12E-04							
18	**18**	2.759E-04			5.53E-05	1.57E-04	1.19E-04							
19	**19**	3.082E-04			5.88E-05	1.81E-04	1.27E-04							
20	**20**	3.509E-04			6.28E-05	2.14E-04	1.37E-04							
21	**21**	2.264E-04			4.91E-05	1.22E-04	1.04E-04							
22	**22**	2.477E-04			5.20E-05	1.37E-04	1.11E-04							
23	**23**	2.736E-04			5.51E-05	1.55E-04	1.18E-04							
24	**24**	3.059E-04			5.86E-05	1.79E-04	1.27E-04							
25	**25**	3.471E-04			6.25E-05	2.11E-04	1.36E-04							
113	**113**	1.076E-03			5.75E-04	2.38E-04	5.02E-04							
114	**114**	9.773E-04			5.21E-04	2.18E-04	4.56E-04							
115	**115**	8.903E-04			4.74E-04	2.00E-04	4.16E-04							
116	**116**	8.112E-04			4.30E-04	1.85E-04	3.81E-04							

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
117	**117**	1.044E-03	5.27E-04	2.45E-04	5.17E-04			
118	**118**	9.446E-04	4.77E-04	2.23E-04	4.67E-04			
119	**119**	8.579E-04	4.33E-04	2.05E-04	4.25E-04			
120	**120**	7.802E-04	3.93E-04	1.88E-04	3.88E-04			
121	**121**	1.019E-03	4.89E-04	2.51E-04	5.30E-04			
122	**122**	9.196E-04	4.42E-04	2.28E-04	4.78E-04			
123	**123**	8.333E-04	4.01E-04	2.08E-04	4.33E-04			
124	**124**	7.570E-04	3.63E-04	1.91E-04	3.94E-04			
125	**125**	9.996E-04	4.57E-04	2.56E-04	5.42E-04			
126	**126**	9.000E-04	4.13E-04	2.32E-04	4.87E-04			
127	**127**	8.140E-04	3.74E-04	2.12E-04	4.40E-04			
128	**128**	7.387E-04	3.39E-04	1.94E-04	3.99E-04			
129	**129**	9.840E-04	4.32E-04	2.61E-04	5.52E-04			
130	**130**	8.840E-04	3.89E-04	2.36E-04	4.95E-04			
131	**131**	7.983E-04	3.53E-04	2.15E-04	4.46E-04			
132	**132**	7.239E-04	3.20E-04	1.96E-04	4.04E-04			
133	**133**	9.706E-04	4.10E-04	2.65E-04	5.61E-04			
134	**134**	8.703E-04	3.69E-04	2.39E-04	5.01E-04			
135	**135**	7.850E-04	3.34E-04	2.17E-04	4.51E-04			
136	**136**	7.114E-04	3.04E-04	1.98E-04	4.08E-04			
137	**137**	9.583E-04	3.90E-04	2.69E-04	5.68E-04			
138	**138**	7.731E-04	3.19E-04	2.19E-04	4.54E-04			
139	**139**	7.003E-04	2.90E-04	2.00E-04	4.11E-04			
140	**140**	9.193E-04	3.42E-04	2.73E-04	5.77E-04			
141	**141**	8.213E-04	3.09E-04	2.45E-04	5.13E-04			
142	**142**	7.390E-04	2.80E-04	2.22E-04	4.59E-04			
143	**143**	6.691E-04	2.55E-04	2.02E-04	4.14E-04			
144	**144**	9.029E-04	3.28E-04	2.73E-04	5.75E-04			
145	**145**	8.068E-04	2.96E-04	2.45E-04	5.11E-04			
146	**146**	7.262E-04	2.69E-04	2.21E-04	4.58E-04			
147	**147**	6.577E-04	2.45E-04	2.01E-04	4.13E-04			
148	**148**	8.835E-04	3.13E-04	2.71E-04	5.71E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
149	**149**	7.901E-04	2.83E-04	2.43E-04	5.07E-04			
150	**150**	7.117E-04	2.57E-04	2.20E-04	4.54E-04			
151	**151**	6.451E-04	2.35E-04	2.00E-04	4.10E-04			
152	**152**	8.603E-04	2.98E-04	2.67E-04	5.62E-04			
153	**153**	7.708E-04	2.70E-04	2.40E-04	5.01E-04			
154	**154**	6.953E-04	2.46E-04	2.18E-04	4.49E-04			
155	**155**	6.310E-04	2.26E-04	1.99E-04	4.05E-04			
156	**156**	8.326E-04	2.83E-04	2.62E-04	5.50E-04			
157	**157**	7.482E-04	2.57E-04	2.36E-04	4.91E-04			
158	**158**	6.765E-04	2.35E-04	2.15E-04	4.41E-04			
159	**159**	6.152E-04	2.16E-04	1.96E-04	3.99E-04			
160	**160**	7.997E-04	2.67E-04	2.54E-04	5.33E-04			
161	**161**	7.216E-04	2.44E-04	2.31E-04	4.78E-04			
162	**162**	6.548E-04	2.24E-04	2.10E-04	4.31E-04			
163	**163**	5.970E-04	2.06E-04	1.93E-04	3.91E-04			
164	**164**	7.617E-04	2.51E-04	2.46E-04	5.11E-04			
165	**165**	6.909E-04	2.30E-04	2.24E-04	4.61E-04			
166	**166**	6.292E-04	2.12E-04	2.05E-04	4.17E-04			
167	**167**	5.758E-04	1.96E-04	1.89E-04	3.80E-04			
168	**168**	7.215E-04	2.35E-04	2.36E-04	4.85E-04			
169	**169**	6.568E-04	2.17E-04	2.16E-04	4.40E-04			
170	**170**	6.010E-04	2.00E-04	1.99E-04	4.01E-04			
171	**171**	5.525E-04	1.86E-04	1.84E-04	3.67E-04			
172	**172**	6.837E-04	2.19E-04	2.26E-04	4.57E-04			
173	**173**	6.253E-04	2.03E-04	2.08E-04	4.17E-04			
174	**174**	5.742E-04	1.89E-04	1.92E-04	3.82E-04			
175	**175**	5.292E-04	1.76E-04	1.78E-04	3.51E-04			
176	**176**	6.451E-04	2.04E-04	2.16E-04	4.29E-04			
177	**177**	5.927E-04	1.90E-04	1.99E-04	3.94E-04			
178	**178**	5.467E-04	1.77E-04	1.85E-04	3.62E-04			
179	**179**	5.061E-04	1.66E-04	1.71E-04	3.35E-04			
180	**180**	6.066E-04	1.90E-04	2.06E-04	4.01E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
181	**181**	5.599E-04	1.78E-04	1.91E-04	3.69E-04			
182	**182**	5.185E-04	1.66E-04	1.77E-04	3.41E-04			
183	**183**	4.819E-04	1.56E-04	1.65E-04	3.17E-04			
184	**184**	7.896E-04	2.54E-04	2.57E-04	5.32E-04			
185	**185**	7.022E-04	2.13E-04	2.40E-04	4.63E-04			
186	**186**	6.436E-04	1.98E-04	2.20E-04	4.24E-04			
187	**187**	5.925E-04	1.85E-04	2.03E-04	3.90E-04			
188	**188**	5.477E-04	1.73E-04	1.88E-04	3.60E-04			
189	**189**	7.101E-04	2.12E-04	2.47E-04	4.63E-04			
190	**190**	6.513E-04	1.97E-04	2.27E-04	4.25E-04			
191	**191**	6.000E-04	1.84E-04	2.09E-04	3.91E-04			
192	**192**	5.549E-04	1.72E-04	1.93E-04	3.62E-04			
193	**193**	5.150E-04	1.61E-04	1.79E-04	3.36E-04			
194	**194**	6.564E-04	1.95E-04	2.34E-04	4.23E-04			
195	**195**	6.046E-04	1.82E-04	2.15E-04	3.90E-04			
196	**196**	5.594E-04	1.71E-04	1.99E-04	3.61E-04			
197	**197**	5.191E-04	1.60E-04	1.84E-04	3.35E-04			
198	**198**	4.836E-04	1.51E-04	1.71E-04	3.12E-04			
199	**199**	6.094E-04	1.81E-04	2.21E-04	3.88E-04			
200	**200**	5.629E-04	1.70E-04	2.04E-04	3.59E-04			
201	**201**	5.222E-04	1.59E-04	1.89E-04	3.33E-04			
202	**202**	4.861E-04	1.50E-04	1.76E-04	3.10E-04			
203	**203**	4.542E-04	1.41E-04	1.64E-04	2.90E-04			
204	**204**	8.087E-04	2.22E-04	2.99E-04	5.09E-04			
205	**205**	5.687E-04	1.69E-04	2.10E-04	3.59E-04			
206	**206**	5.264E-04	1.58E-04	1.94E-04	3.32E-04			
207	**207**	4.891E-04	1.49E-04	1.80E-04	3.09E-04			
208	**208**	4.563E-04	1.40E-04	1.68E-04	2.89E-04			
209	**209**	7.448E-04	2.04E-04	2.80E-04	4.65E-04			
210	**210**	6.820E-04	1.91E-04	2.56E-04	4.26E-04			
211	**211**	6.261E-04	1.79E-04	2.34E-04	3.92E-04			
212	**212**	5.768E-04	1.68E-04	2.16E-04	3.61E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
213	**213**	5.331E-04	1.57E-04	1.99E-04	3.34E-04			
214	**214**	4.944E-04	1.48E-04	1.85E-04	3.10E-04			
215	**215**	4.601E-04	1.40E-04	1.72E-04	2.88E-04			
216	**216**	7.470E-04	1.96E-04	2.91E-04	4.56E-04			
217	**217**	6.889E-04	1.85E-04	2.67E-04	4.22E-04			
218	**218**	6.362E-04	1.74E-04	2.45E-04	3.91E-04			
219	**219**	5.889E-04	1.64E-04	2.26E-04	3.63E-04			
220	**220**	5.459E-04	1.55E-04	2.09E-04	3.37E-04			
221	**221**	5.070E-04	1.46E-04	1.94E-04	3.13E-04			
222	**222**	6.863E-04	1.81E-04	2.71E-04	4.16E-04			
223	**223**	6.359E-04	1.71E-04	2.49E-04	3.87E-04			
224	**224**	5.901E-04	1.62E-04	2.29E-04	3.61E-04			
225	**225**	5.488E-04	1.53E-04	2.12E-04	3.36E-04			
226	**226**	5.108E-04	1.45E-04	1.97E-04	3.14E-04			
227	**227**	6.325E-04	1.67E-04	2.52E-04	3.81E-04			
228	**228**	5.884E-04	1.59E-04	2.32E-04	3.56E-04			
229	**229**	5.483E-04	1.51E-04	2.15E-04	3.33E-04			
230	**230**	5.116E-04	1.43E-04	1.99E-04	3.12E-04			
231	**231**	5.842E-04	1.55E-04	2.34E-04	3.50E-04			
232	**232**	5.460E-04	1.48E-04	2.17E-04	3.29E-04			
233	**233**	5.106E-04	1.41E-04	2.01E-04	3.09E-04			
234	**234**	4.782E-04	1.34E-04	1.88E-04	2.91E-04			
235	**235**	5.410E-04	1.44E-04	2.18E-04	3.23E-04			
236	**236**	5.077E-04	1.38E-04	2.03E-04	3.05E-04			
237	**237**	4.762E-04	1.32E-04	1.89E-04	2.87E-04			
238	**238**	4.478E-04	1.26E-04	1.77E-04	2.71E-04			
239	**239**	5.021E-04	1.35E-04	2.02E-04	3.00E-04			
240	**240**	4.725E-04	1.29E-04	1.89E-04	2.83E-04			
241	**241**	4.451E-04	1.24E-04	1.77E-04	2.68E-04			
242	**242**	4.200E-04	1.18E-04	1.66E-04	2.54E-04			
243	**243**	7.477E-04	1.68E-04	3.37E-04	4.11E-04			
244	**244**	7.115E-04	1.65E-04	3.12E-04	3.99E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
245	**245**	6.747E-04	1.61E-04	2.90E-04	3.85E-04			
246	**246**	6.380E-04	1.56E-04	2.69E-04	3.69E-04			
247	**247**	6.018E-04	1.51E-04	2.51E-04	3.51E-04			
248	**248**	5.674E-04	1.46E-04	2.34E-04	3.34E-04			
249	**249**	5.347E-04	1.40E-04	2.18E-04	3.16E-04			
250	**250**	6.789E-04	1.56E-04	3.02E-04	3.76E-04			
251	**251**	6.482E-04	1.53E-04	2.82E-04	3.66E-04			
252	**252**	6.166E-04	1.49E-04	2.63E-04	3.53E-04			
253	**253**	5.850E-04	1.45E-04	2.46E-04	3.39E-04			
254	**254**	5.536E-04	1.41E-04	2.30E-04	3.24E-04			
255	**255**	5.237E-04	1.36E-04	2.15E-04	3.08E-04			
256	**256**	4.946E-04	1.31E-04	2.01E-04	2.93E-04			
257	**257**	6.200E-04	1.45E-04	2.74E-04	3.46E-04			
258	**258**	5.935E-04	1.42E-04	2.57E-04	3.37E-04			
259	**259**	5.662E-04	1.39E-04	2.41E-04	3.26E-04			
260	**260**	5.387E-04	1.36E-04	2.26E-04	3.13E-04			
261	**261**	5.113E-04	1.31E-04	2.12E-04	3.00E-04			
262	**262**	4.850E-04	1.27E-04	1.99E-04	2.86E-04			
263	**263**	4.594E-04	1.23E-04	1.87E-04	2.73E-04			
264	**264**	5.693E-04	1.35E-04	2.49E-04	3.20E-04			
265	**265**	5.461E-04	1.33E-04	2.35E-04	3.11E-04			
266	**266**	5.222E-04	1.30E-04	2.21E-04	3.01E-04			
267	**267**	4.981E-04	1.27E-04	2.08E-04	2.90E-04			
268	**268**	4.743E-04	1.23E-04	1.96E-04	2.78E-04			
269	**269**	4.509E-04	1.19E-04	1.85E-04	2.66E-04			
270	**270**	4.281E-04	1.15E-04	1.74E-04	2.54E-04			
271	**271**	5.249E-04	1.27E-04	2.28E-04	2.97E-04			
272	**272**	5.046E-04	1.25E-04	2.16E-04	2.89E-04			
273	**273**	4.835E-04	1.22E-04	2.04E-04	2.80E-04			
274	**274**	4.623E-04	1.19E-04	1.92E-04	2.70E-04			
275	**275**	4.412E-04	1.16E-04	1.82E-04	2.59E-04			
276	**276**	4.206E-04	1.12E-04	1.72E-04	2.49E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk						
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**	**Haul1&3**	**Haul2&3**	**Idle**
277	**277**	3.999E-04	1.09E-04	1.62E-04	2.38E-04			
278	**278**	1.305E-03	1.13E-04	1.04E-03	2.67E-04			
279	**279**	1.247E-03	1.17E-04	9.69E-04	2.78E-04			
280	**280**	1.173E-03	1.27E-04	8.64E-04	3.09E-04			
281	**281**	1.093E-03	1.26E-04	7.88E-04	3.05E-04			
282	**282**	1.188E-03	1.36E-04	8.53E-04	3.35E-04			
283	**283**	1.024E-03	1.17E-04	7.45E-04	2.79E-04			

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
				School Recepors					
26	**26**	1.660E-03	5.85E-04	4.84E-04	1.07E-03	1.6597E-03	5.8527E-04	4.8351E-04	0.0011
27	**27**	1.805E-03	6.51E-04	5.13E-04	1.15E-03	1.8050E-03	6.5082E-04	5.1316E-04	0.0012
28	**28**	1.970E-03	7.30E-04	5.45E-04	1.24E-03	1.9703E-03	7.3043E-04	5.4532E-04	0.0012
29	**29**	2.160E-03	8.29E-04	5.80E-04	1.33E-03	2.1599E-03	8.2931E-04	5.8005E-04	0.0013
30	**30**	2.381E-03	9.55E-04	6.17E-04	1.43E-03	2.3805E-03	9.5531E-04	6.1737E-04	0.0014
31	**31**	2.643E-03	1.12E-03	6.57E-04	1.52E-03	2.6433E-03	1.1204E-03	6.5715E-04	0.0015
32	**32**	2.966E-03	1.34E-03	6.99E-04	1.62E-03	2.9664E-03	1.3431E-03	6.9913E-04	0.0016
33	**33**	3.380E-03	1.65E-03	7.43E-04	1.73E-03	3.3797E-03	1.6547E-03	7.4283E-04	0.0017
34	**34**	3.946E-03	2.12E-03	7.87E-04	1.82E-03	3.9460E-03	2.1221E-03	7.8744E-04	0.0018
35	**35**	4.904E-03	2.99E-03	8.32E-04	1.91E-03	4.9044E-03	2.9926E-03	8.3176E-04	0.0019
36	**36**	4.780E-03	2.80E-03	8.71E-04	1.98E-03	4.7804E-03	2.8019E-03	8.7123E-04	0.0020
37	**37**	1.795E-03	6.19E-04	5.23E-04	1.18E-03	1.7955E-03	6.1930E-04	5.2271E-04	0.0012
38	**38**	1.961E-03	6.90E-04	5.58E-04	1.27E-03	1.9610E-03	6.9048E-04	5.5762E-04	0.0013
39	**39**	2.149E-03	7.76E-04	5.96E-04	1.37E-03	2.1492E-03	7.7638E-04	5.9589E-04	0.0014
40	**40**	2.364E-03	8.82E-04	6.38E-04	1.48E-03	2.3640E-03	8.8173E-04	6.3774E-04	0.0015
41	**41**	2.611E-03	1.01E-03	6.83E-04	1.60E-03	2.6108E-03	1.0133E-03	6.8331E-04	0.0016
42	**42**	2.898E-03	1.18E-03	7.33E-04	1.72E-03	2.8980E-03	1.1806E-03	7.3260E-04	0.0017
43	**43**	3.240E-03	1.40E-03	7.85E-04	1.84E-03	3.2397E-03	1.3985E-03	7.8538E-04	0.0018
44	**44**	3.661E-03	1.69E-03	8.41E-04	1.97E-03	3.6609E-03	1.6934E-03	8.4105E-04	0.0020
45	**45**	4.219E-03	2.13E-03	8.99E-04	2.09E-03	4.2194E-03	2.1288E-03	8.9851E-04	0.0021
46	**46**	5.155E-03	2.96E-03	9.56E-04	2.20E-03	5.1552E-03	2.9564E-03	9.5618E-04	0.0022
47	**47**	5.151E-03	2.87E-03	1.01E-03	2.28E-03	5.1511E-03	2.8745E-03	1.0075E-03	0.0023
48	**48**	1.950E-03	6.57E-04	5.67E-04	1.29E-03	1.9498E-03	6.5693E-04	5.6680E-04	0.0013
49	**49**	2.140E-03	7.34E-04	6.08E-04	1.41E-03	2.1399E-03	7.3448E-04	6.0819E-04	0.0014
50	**50**	2.356E-03	8.27E-04	6.54E-04	1.53E-03	2.3563E-03	8.2748E-04	6.5417E-04	0.0015
51	**51**	2.603E-03	9.40E-04	7.05E-04	1.66E-03	2.6028E-03	9.4027E-04	7.0517E-04	0.0017
52	**52**	2.884E-03	1.08E-03	7.62E-04	1.81E-03	2.8840E-03	1.0787E-03	7.6159E-04	0.0018
53	**53**	3.206E-03	1.25E-03	8.24E-04	1.96E-03	3.2065E-03	1.2513E-03	8.2371E-04	0.0020
54	**54**	3.582E-03	1.47E-03	8.92E-04	2.11E-03	3.5822E-03	1.4711E-03	8.9153E-04	0.0021
55	**55**	4.036E-03	1.76E-03	9.64E-04	2.27E-03	4.0356E-03	1.7640E-03	9.6444E-04	0.0023
56	**56**	4.624E-03	2.20E-03	1.04E-03	2.43E-03	4.6243E-03	2.1952E-03	1.0409E-03	0.0024

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
57	**57**	5.588E-03	3.02E-03	1.12E-03	2.57E-03	5.5881E-03	3.0230E-03	1.1189E-03	0.0026
58	**58**	5.653E-03	3.00E-03	1.19E-03	2.66E-03	5.6530E-03	2.9969E-03	1.1885E-03	0.0027
59	**59**	2.126E-03	6.99E-04	6.16E-04	1.43E-03	2.1259E-03	6.9858E-04	6.1642E-04	0.0014
60	**60**	2.346E-03	7.84E-04	6.66E-04	1.56E-03	2.3463E-03	7.8352E-04	6.6584E-04	0.0016
61	**61**	2.598E-03	8.85E-04	7.22E-04	1.71E-03	2.5982E-03	8.8495E-04	7.2156E-04	0.0017
62	**62**	2.886E-03	1.01E-03	7.84E-04	1.88E-03	2.8858E-03	1.0070E-03	7.8441E-04	0.0019
63	**63**	3.214E-03	1.16E-03	8.55E-04	2.06E-03	3.2139E-03	1.1554E-03	8.5528E-04	0.0021
64	**64**	3.589E-03	1.34E-03	9.35E-04	2.25E-03	3.5886E-03	1.3382E-03	9.3506E-04	0.0023
65	**65**	4.021E-03	1.57E-03	1.02E-03	2.45E-03	4.0210E-03	1.5687E-03	1.0244E-03	0.0025
66	**66**	4.536E-03	1.87E-03	1.12E-03	2.66E-03	4.5361E-03	1.8737E-03	1.1231E-03	0.0027
67	**67**	5.191E-03	2.32E-03	1.23E-03	2.87E-03	5.1907E-03	2.3201E-03	1.2293E-03	0.0029
68	**68**	6.210E-03	3.16E-03	1.34E-03	3.05E-03	6.2095E-03	3.1625E-03	1.3403E-03	0.0030
69	**69**	6.334E-03	3.18E-03	1.44E-03	3.15E-03	6.3339E-03	3.1818E-03	1.4403E-03	0.0032
70	**70**	2.327E-03	7.45E-04	6.72E-04	1.58E-03	2.3272E-03	7.4478E-04	6.7231E-04	0.0016
71	**71**	2.585E-03	8.39E-04	7.32E-04	1.75E-03	2.5855E-03	8.3850E-04	7.3163E-04	0.0017
72	**72**	2.883E-03	9.50E-04	8.00E-04	1.93E-03	2.8830E-03	9.5032E-04	7.9965E-04	0.0019
73	**73**	3.225E-03	1.08E-03	8.78E-04	2.14E-03	3.2252E-03	1.0847E-03	8.7791E-04	0.0021
74	**74**	3.619E-03	1.25E-03	9.68E-04	2.37E-03	3.6187E-03	1.2476E-03	9.6823E-04	0.0024
75	**75**	4.071E-03	1.45E-03	1.07E-03	2.62E-03	4.0713E-03	1.4480E-03	1.0727E-03	0.0026
76	**76**	4.594E-03	1.70E-03	1.19E-03	2.89E-03	4.5945E-03	1.7006E-03	1.1935E-03	0.0029
77	**77**	5.214E-03	2.03E-03	1.33E-03	3.18E-03	5.2141E-03	2.0341E-03	1.3324E-03	0.0032
78	**78**	5.985E-03	2.52E-03	1.49E-03	3.47E-03	5.9845E-03	2.5167E-03	1.4883E-03	0.0035
79	**79**	7.100E-03	3.39E-03	1.66E-03	3.71E-03	7.1004E-03	3.3948E-03	1.6580E-03	0.0037
80	**80**	7.296E-03	3.47E-03	1.81E-03	3.82E-03	7.2959E-03	3.4739E-03	1.8144E-03	0.0038
81	**81**	2.558E-03	7.96E-04	7.35E-04	1.76E-03	2.5578E-03	7.9622E-04	7.3527E-04	0.0018
82	**82**	2.864E-03	9.01E-04	8.07E-04	1.96E-03	2.8640E-03	9.0056E-04	8.0676E-04	0.0020
83	**83**	3.221E-03	1.03E-03	8.90E-04	2.20E-03	3.2209E-03	1.0255E-03	8.9028E-04	0.0022
84	**84**	3.637E-03	1.18E-03	9.89E-04	2.46E-03	3.6367E-03	1.1763E-03	9.8852E-04	0.0025
85	**85**	4.123E-03	1.36E-03	1.10E-03	2.76E-03	4.1226E-03	1.3603E-03	1.1050E-03	0.0028
86	**86**	4.692E-03	1.59E-03	1.24E-03	3.10E-03	4.6923E-03	1.5885E-03	1.2444E-03	0.0031
87	**87**	5.361E-03	1.88E-03	1.41E-03	3.48E-03	5.3613E-03	1.8791E-03	1.4125E-03	0.0035
88	**88**	6.159E-03	2.27E-03	1.62E-03	3.89E-03	6.1586E-03	2.2656E-03	1.6165E-03	0.0039

Shiolh Business Park

Unmitigated 30 year Operational - RiskSummary

		Chronic Non Cancer Risk							
Receptor #	**Receptor #**	**Max Chronic Rec#**	**Haul1&3**	**Haul2&3**	**Idle**		**Haul1&3**	**Haul2&3**	**Idle**
89	**89**	7.137E-03	2.82E-03	1.86E-03	4.32E-03	7.1370E-03	2.8205E-03	1.8616E-03	0.0043
90	**90**	8.440E-03	3.79E-03	2.15E-03	4.65E-03	8.4395E-03	3.7854E-03	2.1492E-03	0.0047
91	**91**	8.741E-03	3.98E-03	2.43E-03	4.76E-03	8.7405E-03	3.9783E-03	2.4294E-03	0.0048
92	**92**	2.822E-03	8.54E-04	8.06E-04	1.97E-03	2.8220E-03	8.5372E-04	8.0625E-04	0.0020
93	**93**	3.189E-03	9.71E-04	8.93E-04	2.22E-03	3.1886E-03	9.7108E-04	8.9264E-04	0.0022
94	**94**	3.623E-03	1.11E-03	9.96E-04	2.51E-03	3.6231E-03	1.1127E-03	9.9555E-04	0.0025
95	**95**	4.139E-03	1.29E-03	1.12E-03	2.85E-03	4.1392E-03	1.2854E-03	1.1195E-03	0.0029
96	**96**	4.757E-03	1.50E-03	1.27E-03	3.26E-03	4.7568E-03	1.4991E-03	1.2710E-03	0.0033
97	**97**	5.504E-03	1.77E-03	1.46E-03	3.74E-03	5.5045E-03	1.7690E-03	1.4594E-03	0.0037
98	**98**	6.415E-03	2.12E-03	1.70E-03	4.29E-03	6.4147E-03	2.1211E-03	1.6992E-03	0.0043
99	**99**	7.530E-03	2.60E-03	2.01E-03	4.93E-03	7.5304E-03	2.6018E-03	2.0122E-03	0.0049
100	**100**	8.916E-03	3.30E-03	2.43E-03	5.61E-03	8.9164E-03	3.3048E-03	2.4296E-03	0.0056
101	**101**	1.063E-02	4.50E-03	3.00E-03	6.12E-03	1.0625E-02	4.5004E-03	2.9960E-03	0.0061
102	**102**	1.115E-02	5.01E-03	3.63E-03	6.14E-03	1.1147E-02	5.0089E-03	3.6339E-03	0.0061
103	**103**	4.610E-03	1.38E-03	1.24E-03	3.23E-03	4.6104E-03	1.3842E-03	1.2390E-03	0.0032
104	**104**	5.371E-03	1.63E-03	1.43E-03	3.74E-03	5.3712E-03	1.6275E-03	1.4259E-03	0.0037
105	**105**	6.475E-03	1.98E-03	1.70E-03	4.50E-03	6.4753E-03	1.9801E-03	1.7034E-03	0.0045
106	**106**	7.749E-03	2.42E-03	2.04E-03	5.33E-03	7.7488E-03	2.4196E-03	2.0385E-03	0.0053
107	**107**	9.641E-03	3.09E-03	2.57E-03	6.55E-03	9.6414E-03	3.0923E-03	2.5705E-03	0.0065
108	**108**	1.192E-02	4.10E-03	3.33E-03	7.82E-03	1.1922E-02	4.1030E-03	3.3316E-03	0.0078
109	**109**	1.464E-02	5.98E-03	4.67E-03	8.66E-03	1.4643E-02	5.9820E-03	4.6681E-03	0.0087
110	**110**	1.635E-02	8.14E-03	7.13E-03	8.20E-03	1.6348E-02	8.1448E-03	7.1301E-03	0.0082
111	**111**	4.005E-03	1.19E-03	1.09E-03	2.81E-03	4.0047E-03	1.1943E-03	1.0932E-03	0.0028
112	**112**	3.444E-03	1.02E-03	9.60E-04	2.42E-03	3.4441E-03	1.0211E-03	9.6014E-04	0.0024

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.23903	**2.93E-05**	7.00E-06	1.05E-03	7.32E-09	1.45	1.57E-01	1.67E-09	1,000,000	1.67E-03
2	0.24866	2.9306E-05	7.2871E-06	1.05E-03	7.62E-09	1.45	1.57E-01	1.74E-09	1,000,000	1.74E-03
3	0.25923	2.9306E-05	7.5969E-06	1.05E-03	7.94E-09	1.45	1.57E-01	1.81E-09	1,000,000	1.81E-03
4	0.27028	2.9306E-05	7.9207E-06	1.05E-03	8.28E-09	1.45	1.57E-01	1.89E-09	1,000,000	1.89E-03
5	0.28231	2.9306E-05	8.2733E-06	1.05E-03	8.65E-09	1.45	1.57E-01	1.97E-09	1,000,000	1.97E-03
6	0.23863	2.9306E-05	6.9932E-06	1.05E-03	7.31E-09	1.45	1.57E-01	1.67E-09	1,000,000	1.67E-03
7	0.24823	2.9306E-05	7.2745E-06	1.05E-03	7.60E-09	1.45	1.57E-01	1.73E-09	1,000,000	1.73E-03
8	0.2586	2.9306E-05	7.5784E-06	1.05E-03	7.92E-09	1.45	1.57E-01	1.80E-09	1,000,000	1.80E-03
9	0.27005	2.9306E-05	7.914E-06	1.05E-03	8.27E-09	1.45	1.57E-01	1.88E-09	1,000,000	1.88E-03
10	0.28201	2.9306E-05	8.2645E-06	1.05E-03	8.64E-09	1.45	1.57E-01	1.97E-09	1,000,000	1.97E-03
11	0.23808	2.9306E-05	6.9771E-06	1.05E-03	7.29E-09	1.45	1.57E-01	1.66E-09	1,000,000	1.66E-03
12	0.24773	2.9306E-05	7.2599E-06	1.05E-03	7.59E-09	1.45	1.57E-01	1.73E-09	1,000,000	1.73E-03
13	0.25817	2.9306E-05	7.5658E-06	1.05E-03	7.91E-09	1.45	1.57E-01	1.80E-09	1,000,000	1.80E-03
14	0.2697	2.9306E-05	7.9037E-06	1.05E-03	8.26E-09	1.45	1.57E-01	1.88E-09	1,000,000	1.88E-03
15	0.2817	2.9306E-05	8.2554E-06	1.05E-03	8.63E-09	1.45	1.57E-01	1.97E-09	1,000,000	1.97E-03
16	0.23757	2.9306E-05	6.9621E-06	1.05E-03	7.28E-09	1.45	1.57E-01	1.66E-09	1,000,000	1.66E-03
17	0.24734	2.9306E-05	7.2484E-06	1.05E-03	7.58E-09	1.45	1.57E-01	1.73E-09	1,000,000	1.73E-03
18	0.25776	2.9306E-05	7.5538E-06	1.05E-03	7.90E-09	1.45	1.57E-01	1.80E-09	1,000,000	1.80E-03
19	0.2688	2.9306E-05	7.8773E-06	1.05E-03	8.23E-09	1.45	1.57E-01	1.88E-09	1,000,000	1.88E-03
20	0.28086	2.9306E-05	8.2308E-06	1.05E-03	8.60E-09	1.45	1.57E-01	1.96E-09	1,000,000	1.96E-03
21	0.23719	2.9306E-05	6.951E-06	1.05E-03	7.27E-09	1.45	1.57E-01	1.66E-09	1,000,000	1.66E-03
22	0.24694	2.9306E-05	7.2367E-06	1.05E-03	7.56E-09	1.45	1.57E-01	1.72E-09	1,000,000	1.72E-03
23	0.25738	2.9306E-05	7.5427E-06	1.05E-03	7.88E-09	1.45	1.57E-01	1.80E-09	1,000,000	1.80E-03
24	0.26848	2.9306E-05	7.868E-06	1.05E-03	8.22E-09	1.45	1.57E-01	1.87E-09	1,000,000	1.87E-03
25	0.28015	2.9306E-05	8.21E-06	1.05E-03	8.58E-09	1.45	1.57E-01	1.96E-09	1,000,000	1.96E-03
113	10.26883	2.9306E-05	0.00030093	1.05E-03	3.15E-07	1.45	1.57E-01	7.17E-08	1,000,000	7.17E-02
114	10.26908	2.9306E-05	0.00030094	1.05E-03	3.15E-07	1.45	1.57E-01	7.17E-08	1,000,000	7.17E-02
115	10.0116	2.9306E-05	0.0002934	1.05E-03	3.07E-07	1.45	1.57E-01	6.99E-08	1,000,000	6.99E-02
116	9.46476	2.9306E-05	0.00027737	1.05E-03	2.90E-07	1.45	1.57E-01	6.61E-08	1,000,000	6.61E-02
117	8.47048	2.9306E-05	0.00024823	1.05E-03	2.59E-07	1.45	1.57E-01	5.91E-08	1,000,000	5.91E-02
118	8.40203	2.9306E-05	0.00024623	1.05E-03	2.57E-07	1.45	1.57E-01	5.86E-08	1,000,000	5.86E-02
119	8.13133	2.9306E-05	0.00023829	1.05E-03	2.49E-07	1.45	1.57E-01	5.68E-08	1,000,000	5.68E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	0.00022436	1.05E-03	2.34E-07	1.45	1.57E-01	5.34E-08	1,000,000	5.34E-02
121	7.09845	2.9306E-05	0.00020802	1.05E-03	2.17E-07	1.45	1.57E-01	4.95E-08	1,000,000	4.95E-02
122	6.99295	2.9306E-05	0.00020493	1.05E-03	2.14E-07	1.45	1.57E-01	4.88E-08	1,000,000	4.88E-02
123	6.734	2.9306E-05	0.00019734	1.05E-03	2.06E-07	1.45	1.57E-01	4.70E-08	1,000,000	4.70E-02
124	6.3318	2.9306E-05	0.00018556	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
125	6.02844	2.9306E-05	0.00017667	1.05E-03	1.85E-07	1.45	1.57E-01	4.21E-08	1,000,000	4.21E-02
126	5.90661	2.9306E-05	0.0001731	1.05E-03	1.81E-07	1.45	1.57E-01	4.12E-08	1,000,000	4.12E-02
127	5.67005	2.9306E-05	0.00016616	1.05E-03	1.74E-07	1.45	1.57E-01	3.96E-08	1,000,000	3.96E-02
128	5.33314	2.9306E-05	0.00015629	1.05E-03	1.63E-07	1.45	1.57E-01	3.72E-08	1,000,000	3.72E-02
129	5.17938	2.9306E-05	0.00015178	1.05E-03	1.59E-07	1.45	1.57E-01	3.61E-08	1,000,000	3.61E-02
130	5.05384	2.9306E-05	0.00014811	1.05E-03	1.55E-07	1.45	1.57E-01	3.53E-08	1,000,000	3.53E-02
131	4.84284	2.9306E-05	0.00014192	1.05E-03	1.48E-07	1.45	1.57E-01	3.38E-08	1,000,000	3.38E-02
132	4.56081	2.9306E-05	0.00013366	1.05E-03	1.40E-07	1.45	1.57E-01	3.18E-08	1,000,000	3.18E-02
133	4.49582	2.9306E-05	0.00013175	1.05E-03	1.38E-07	1.45	1.57E-01	3.14E-08	1,000,000	3.14E-02
134	4.37376	2.9306E-05	0.00012818	1.05E-03	1.34E-07	1.45	1.57E-01	3.05E-08	1,000,000	3.05E-02
135	4.18782	2.9306E-05	0.00012273	1.05E-03	1.28E-07	1.45	1.57E-01	2.92E-08	1,000,000	2.92E-02
136	3.95087	2.9306E-05	0.00011578	1.05E-03	1.21E-07	1.45	1.57E-01	2.76E-08	1,000,000	2.76E-02
137	3.93847	2.9306E-05	0.00011542	1.05E-03	1.21E-07	1.45	1.57E-01	2.75E-08	1,000,000	2.75E-02
138	3.66063	2.9306E-05	0.00010728	1.05E-03	1.12E-07	1.45	1.57E-01	2.55E-08	1,000,000	2.55E-02
139	3.46046	2.9306E-05	0.00010141	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
140	2.7735	2.9306E-05	8.1279E-05	1.05E-03	8.50E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
141	2.68568	2.9306E-05	7.8705E-05	1.05E-03	8.23E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
142	2.57604	2.9306E-05	7.5492E-05	1.05E-03	7.89E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
143	2.45052	2.9306E-05	7.1814E-05	1.05E-03	7.51E-08	1.45	1.57E-01	1.71E-08	1,000,000	1.71E-02
144	2.50002	2.9306E-05	7.3265E-05	1.05E-03	7.66E-08	1.45	1.57E-01	1.74E-08	1,000,000	1.74E-02
145	2.42061	2.9306E-05	7.0937E-05	1.05E-03	7.41E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
146	2.32408	2.9306E-05	6.8109E-05	1.05E-03	7.12E-08	1.45	1.57E-01	1.62E-08	1,000,000	1.62E-02
147	2.21525	2.9306E-05	6.4919E-05	1.05E-03	6.79E-08	1.45	1.57E-01	1.55E-08	1,000,000	1.55E-02
148	2.26605	2.9306E-05	6.6408E-05	1.05E-03	6.94E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
149	2.19435	2.9306E-05	6.4307E-05	1.05E-03	6.72E-08	1.45	1.57E-01	1.53E-08	1,000,000	1.53E-02
150	2.10907	2.9306E-05	6.1808E-05	1.05E-03	6.46E-08	1.45	1.57E-01	1.47E-08	1,000,000	1.47E-02
151	2.01413	2.9306E-05	5.9025E-05	1.05E-03	6.17E-08	1.45	1.57E-01	1.41E-08	1,000,000	1.41E-02
152	2.0644	2.9306E-05	6.0498E-05	1.05E-03	6.32E-08	1.45	1.57E-01	1.44E-08	1,000,000	1.44E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.8601E-05	1.05E-03	6.13E-08	1.45	1.57E-01	1.40E-08	1,000,000	1.40E-02
154	1.92405	2.9306E-05	5.6385E-05	1.05E-03	5.89E-08	1.45	1.57E-01	1.34E-08	1,000,000	1.34E-02
155	1.84075	2.9306E-05	5.3944E-05	1.05E-03	5.64E-08	1.45	1.57E-01	1.28E-08	1,000,000	1.28E-02
156	1.88942	2.9306E-05	5.5371E-05	1.05E-03	5.79E-08	1.45	1.57E-01	1.32E-08	1,000,000	1.32E-02
157	1.83092	2.9306E-05	5.3656E-05	1.05E-03	5.61E-08	1.45	1.57E-01	1.28E-08	1,000,000	1.28E-02
158	1.76361	2.9306E-05	5.1684E-05	1.05E-03	5.40E-08	1.45	1.57E-01	1.23E-08	1,000,000	1.23E-02
159	1.69014	2.9306E-05	4.9531E-05	1.05E-03	5.18E-08	1.45	1.57E-01	1.18E-08	1,000,000	1.18E-02
160	1.7366	2.9306E-05	5.0892E-05	1.05E-03	5.32E-08	1.45	1.57E-01	1.21E-08	1,000,000	1.21E-02
161	1.68366	2.9306E-05	4.9341E-05	1.05E-03	5.16E-08	1.45	1.57E-01	1.18E-08	1,000,000	1.18E-02
162	1.62354	2.9306E-05	4.7579E-05	1.05E-03	4.97E-08	1.45	1.57E-01	1.13E-08	1,000,000	1.13E-02
163	1.55854	2.9306E-05	4.5674E-05	1.05E-03	4.77E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
164	1.60237	2.9306E-05	4.6958E-05	1.05E-03	4.91E-08	1.45	1.57E-01	1.12E-08	1,000,000	1.12E-02
165	1.55437	2.9306E-05	4.5552E-05	1.05E-03	4.76E-08	1.45	1.57E-01	1.08E-08	1,000,000	1.08E-02
166	1.50092	2.9306E-05	4.3985E-05	1.05E-03	4.60E-08	1.45	1.57E-01	1.05E-08	1,000,000	1.05E-02
167	1.44292	2.9306E-05	4.2286E-05	1.05E-03	4.42E-08	1.45	1.57E-01	1.01E-08	1,000,000	1.01E-02
168	1.48381	2.9306E-05	4.3484E-05	1.05E-03	4.54E-08	1.45	1.57E-01	1.04E-08	1,000,000	1.04E-02
169	1.44022	2.9306E-05	4.2206E-05	1.05E-03	4.41E-08	1.45	1.57E-01	1.01E-08	1,000,000	1.01E-02
170	1.39215	2.9306E-05	4.0798E-05	1.05E-03	4.26E-08	1.45	1.57E-01	9.72E-09	1,000,000	9.72E-03
171	1.34022	2.9306E-05	3.9276E-05	1.05E-03	4.11E-08	1.45	1.57E-01	9.35E-09	1,000,000	9.35E-03
172	1.37858	2.9306E-05	4.04E-05	1.05E-03	4.22E-08	1.45	1.57E-01	9.62E-09	1,000,000	9.62E-03
173	1.33889	2.9306E-05	3.9237E-05	1.05E-03	4.10E-08	1.45	1.57E-01	9.34E-09	1,000,000	9.34E-03
174	1.29546	2.9306E-05	3.7964E-05	1.05E-03	3.97E-08	1.45	1.57E-01	9.04E-09	1,000,000	9.04E-03
175	1.24883	2.9306E-05	3.6598E-05	1.05E-03	3.83E-08	1.45	1.57E-01	8.72E-09	1,000,000	8.72E-03
176	1.28473	2.9306E-05	3.765E-05	1.05E-03	3.94E-08	1.45	1.57E-01	8.97E-09	1,000,000	8.97E-03
177	1.24852	2.9306E-05	3.6589E-05	1.05E-03	3.82E-08	1.45	1.57E-01	8.71E-09	1,000,000	8.71E-03
178	1.20918	2.9306E-05	3.5436E-05	1.05E-03	3.70E-08	1.45	1.57E-01	8.44E-09	1,000,000	8.44E-03
179	1.16712	2.9306E-05	3.4203E-05	1.05E-03	3.57E-08	1.45	1.57E-01	8.15E-09	1,000,000	8.15E-03
180	1.20066	2.9306E-05	3.5186E-05	1.05E-03	3.68E-08	1.45	1.57E-01	8.38E-09	1,000,000	8.38E-03
181	1.1677	2.9306E-05	3.422E-05	1.05E-03	3.58E-08	1.45	1.57E-01	8.15E-09	1,000,000	8.15E-03
182	1.13182	2.9306E-05	3.3169E-05	1.05E-03	3.47E-08	1.45	1.57E-01	7.90E-09	1,000,000	7.90E-03
183	1.09374	2.9306E-05	3.2053E-05	1.05E-03	3.35E-08	1.45	1.57E-01	7.63E-09	1,000,000	7.63E-03
184	1.51451	2.9306E-05	4.4384E-05	1.05E-03	4.64E-08	1.45	1.57E-01	1.06E-08	1,000,000	1.06E-02
185	1.21641	2.9306E-05	3.5648E-05	1.05E-03	3.73E-08	1.45	1.57E-01	8.49E-09	1,000,000	8.49E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.4966E-05	1.05E-03	3.65E-08	1.45	1.57E-01	8.33E-09	1,000,000	8.33E-03
187	1.16538	2.9306E-05	3.4152E-05	1.05E-03	3.57E-08	1.45	1.57E-01	8.13E-09	1,000,000	8.13E-03
188	1.13417	2.9306E-05	3.3238E-05	1.05E-03	3.47E-08	1.45	1.57E-01	7.92E-09	1,000,000	7.92E-03
189	1.15812	2.9306E-05	3.3939E-05	1.05E-03	3.55E-08	1.45	1.57E-01	8.08E-09	1,000,000	8.08E-03
190	1.14085	2.9306E-05	3.3433E-05	1.05E-03	3.49E-08	1.45	1.57E-01	7.96E-09	1,000,000	7.96E-03
191	1.119	2.9306E-05	3.2793E-05	1.05E-03	3.43E-08	1.45	1.57E-01	7.81E-09	1,000,000	7.81E-03
192	1.09328	2.9306E-05	3.2039E-05	1.05E-03	3.35E-08	1.45	1.57E-01	7.63E-09	1,000,000	7.63E-03
193	1.06472	2.9306E-05	3.1202E-05	1.05E-03	3.26E-08	1.45	1.57E-01	7.43E-09	1,000,000	7.43E-03
194	1.08904	2.9306E-05	3.1915E-05	1.05E-03	3.34E-08	1.45	1.57E-01	7.60E-09	1,000,000	7.60E-03
195	1.07244	2.9306E-05	3.1428E-05	1.05E-03	3.28E-08	1.45	1.57E-01	7.48E-09	1,000,000	7.48E-03
196	1.05197	2.9306E-05	3.0829E-05	1.05E-03	3.22E-08	1.45	1.57E-01	7.34E-09	1,000,000	7.34E-03
197	1.02834	2.9306E-05	3.0136E-05	1.05E-03	3.15E-08	1.45	1.57E-01	7.18E-09	1,000,000	7.18E-03
198	1.00181	2.9306E-05	2.9359E-05	1.05E-03	3.07E-08	1.45	1.57E-01	6.99E-09	1,000,000	6.99E-03
199	1.02614	2.9306E-05	3.0072E-05	1.05E-03	3.14E-08	1.45	1.57E-01	7.16E-09	1,000,000	7.16E-03
200	1.01029	2.9306E-05	2.9607E-05	1.05E-03	3.09E-08	1.45	1.57E-01	7.05E-09	1,000,000	7.05E-03
201	0.99118	2.9306E-05	2.9047E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.92E-09	1,000,000	6.92E-03
202	0.96916	2.9306E-05	2.8402E-05	1.05E-03	2.97E-08	1.45	1.57E-01	6.76E-09	1,000,000	6.76E-03
203	0.94467	2.9306E-05	2.7684E-05	1.05E-03	2.89E-08	1.45	1.57E-01	6.59E-09	1,000,000	6.59E-03
204	0.99228	2.9306E-05	2.9079E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.93E-09	1,000,000	6.93E-03
205	0.96877	2.9306E-05	2.839E-05	1.05E-03	2.97E-08	1.45	1.57E-01	6.76E-09	1,000,000	6.76E-03
206	0.95366	2.9306E-05	2.7948E-05	1.05E-03	2.92E-08	1.45	1.57E-01	6.66E-09	1,000,000	6.66E-03
207	0.93583	2.9306E-05	2.7425E-05	1.05E-03	2.87E-08	1.45	1.57E-01	6.53E-09	1,000,000	6.53E-03
208	0.91526	2.9306E-05	2.6822E-05	1.05E-03	2.80E-08	1.45	1.57E-01	6.39E-09	1,000,000	6.39E-03
209	0.94133	2.9306E-05	2.7586E-05	1.05E-03	2.88E-08	1.45	1.57E-01	6.57E-09	1,000,000	6.57E-03
210	0.9405	2.9306E-05	2.7562E-05	1.05E-03	2.88E-08	1.45	1.57E-01	6.56E-09	1,000,000	6.56E-03
211	0.93594	2.9306E-05	2.7428E-05	1.05E-03	2.87E-08	1.45	1.57E-01	6.53E-09	1,000,000	6.53E-03
212	0.92773	2.9306E-05	2.7188E-05	1.05E-03	2.84E-08	1.45	1.57E-01	6.47E-09	1,000,000	6.47E-03
213	0.91629	2.9306E-05	2.6852E-05	1.05E-03	2.81E-08	1.45	1.57E-01	6.40E-09	1,000,000	6.40E-03
214	0.90207	2.9306E-05	2.6436E-05	1.05E-03	2.76E-08	1.45	1.57E-01	6.30E-09	1,000,000	6.30E-03
215	0.88519	2.9306E-05	2.5941E-05	1.05E-03	2.71E-08	1.45	1.57E-01	6.18E-09	1,000,000	6.18E-03
216	0.84666	2.9306E-05	2.4812E-05	1.05E-03	2.59E-08	1.45	1.57E-01	5.91E-09	1,000,000	5.91E-03
217	0.8501	2.9306E-05	2.4913E-05	1.05E-03	2.60E-08	1.45	1.57E-01	5.93E-09	1,000,000	5.93E-03
218	0.85085	2.9306E-05	2.4935E-05	1.05E-03	2.61E-08	1.45	1.57E-01	5.94E-09	1,000,000	5.94E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.4858E-05	1.05E-03	2.60E-08	1.45	1.57E-01	5.92E-09	1,000,000	5.92E-03
220	0.84291	2.9306E-05	2.4702E-05	1.05E-03	2.58E-08	1.45	1.57E-01	5.88E-09	1,000,000	5.88E-03
221	0.83481	2.9306E-05	2.4465E-05	1.05E-03	2.56E-08	1.45	1.57E-01	5.83E-09	1,000,000	5.83E-03
222	0.80807	2.9306E-05	2.3681E-05	1.05E-03	2.48E-08	1.45	1.57E-01	5.64E-09	1,000,000	5.64E-03
223	0.81056	2.9306E-05	2.3754E-05	1.05E-03	2.48E-08	1.45	1.57E-01	5.66E-09	1,000,000	5.66E-03
224	0.81026	2.9306E-05	2.3745E-05	1.05E-03	2.48E-08	1.45	1.57E-01	5.66E-09	1,000,000	5.66E-03
225	0.80716	2.9306E-05	2.3654E-05	1.05E-03	2.47E-08	1.45	1.57E-01	5.63E-09	1,000,000	5.63E-03
226	0.80167	2.9306E-05	2.3493E-05	1.05E-03	2.46E-08	1.45	1.57E-01	5.60E-09	1,000,000	5.60E-03
227	0.77207	2.9306E-05	2.2626E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.39E-09	1,000,000	5.39E-03
228	0.77365	2.9306E-05	2.2672E-05	1.05E-03	2.37E-08	1.45	1.57E-01	5.40E-09	1,000,000	5.40E-03
229	0.77256	2.9306E-05	2.264E-05	1.05E-03	2.37E-08	1.45	1.57E-01	5.39E-09	1,000,000	5.39E-03
230	0.76922	2.9306E-05	2.2542E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.37E-09	1,000,000	5.37E-03
231	0.73846	2.9306E-05	2.1641E-05	1.05E-03	2.26E-08	1.45	1.57E-01	5.15E-09	1,000,000	5.15E-03
232	0.73907	2.9306E-05	2.1659E-05	1.05E-03	2.26E-08	1.45	1.57E-01	5.16E-09	1,000,000	5.16E-03
233	0.73748	2.9306E-05	2.1612E-05	1.05E-03	2.26E-08	1.45	1.57E-01	5.15E-09	1,000,000	5.15E-03
234	0.73384	2.9306E-05	2.1506E-05	1.05E-03	2.25E-08	1.45	1.57E-01	5.12E-09	1,000,000	5.12E-03
235	0.70683	2.9306E-05	2.0714E-05	1.05E-03	2.17E-08	1.45	1.57E-01	4.93E-09	1,000,000	4.93E-03
236	0.70677	2.9306E-05	2.0712E-05	1.05E-03	2.16E-08	1.45	1.57E-01	4.93E-09	1,000,000	4.93E-03
237	0.70485	2.9306E-05	2.0656E-05	1.05E-03	2.16E-08	1.45	1.57E-01	4.92E-09	1,000,000	4.92E-03
238	0.70091	2.9306E-05	2.0541E-05	1.05E-03	2.15E-08	1.45	1.57E-01	4.89E-09	1,000,000	4.89E-03
239	0.67715	2.9306E-05	1.9844E-05	1.05E-03	2.07E-08	1.45	1.57E-01	4.73E-09	1,000,000	4.73E-03
240	0.6766	2.9306E-05	1.9828E-05	1.05E-03	2.07E-08	1.45	1.57E-01	4.72E-09	1,000,000	4.72E-03
241	0.67434	2.9306E-05	1.9762E-05	1.05E-03	2.07E-08	1.45	1.57E-01	4.71E-09	1,000,000	4.71E-03
242	0.67024	2.9306E-05	1.9642E-05	1.05E-03	2.05E-08	1.45	1.57E-01	4.68E-09	1,000,000	4.68E-03
243	0.61099	2.9306E-05	1.7905E-05	1.05E-03	1.87E-08	1.45	1.57E-01	4.26E-09	1,000,000	4.26E-03
244	0.62331	2.9306E-05	1.8266E-05	1.05E-03	1.91E-08	1.45	1.57E-01	4.35E-09	1,000,000	4.35E-03
245	0.6341	2.9306E-05	1.8583E-05	1.05E-03	1.94E-08	1.45	1.57E-01	4.43E-09	1,000,000	4.43E-03
246	0.6433	2.9306E-05	1.8852E-05	1.05E-03	1.97E-08	1.45	1.57E-01	4.49E-09	1,000,000	4.49E-03
247	0.65102	2.9306E-05	1.9079E-05	1.05E-03	1.99E-08	1.45	1.57E-01	4.54E-09	1,000,000	4.54E-03
248	0.65671	2.9306E-05	1.9245E-05	1.05E-03	2.01E-08	1.45	1.57E-01	4.58E-09	1,000,000	4.58E-03
249	0.66065	2.9306E-05	1.9361E-05	1.05E-03	2.02E-08	1.45	1.57E-01	4.61E-09	1,000,000	4.61E-03
250	0.59182	2.9306E-05	1.7344E-05	1.05E-03	1.81E-08	1.45	1.57E-01	4.13E-09	1,000,000	4.13E-03
251	0.60273	2.9306E-05	1.7663E-05	1.05E-03	1.85E-08	1.45	1.57E-01	4.21E-09	1,000,000	4.21E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.7941E-05	1.05E-03	1.88E-08	1.45	1.57E-01	4.27E-09	1,000,000	4.27E-03
253	0.62017	2.9306E-05	1.8174E-05	1.05E-03	1.90E-08	1.45	1.57E-01	4.33E-09	1,000,000	4.33E-03
254	0.62678	2.9306E-05	1.8368E-05	1.05E-03	1.92E-08	1.45	1.57E-01	4.37E-09	1,000,000	4.37E-03
255	0.63152	2.9306E-05	1.8507E-05	1.05E-03	1.93E-08	1.45	1.57E-01	4.41E-09	1,000,000	4.41E-03
256	0.63481	2.9306E-05	1.8603E-05	1.05E-03	1.94E-08	1.45	1.57E-01	4.43E-09	1,000,000	4.43E-03
257	0.57329	2.9306E-05	1.6801E-05	1.05E-03	1.76E-08	1.45	1.57E-01	4.00E-09	1,000,000	4.00E-03
258	0.58294	2.9306E-05	1.7083E-05	1.05E-03	1.79E-08	1.45	1.57E-01	4.07E-09	1,000,000	4.07E-03
259	0.59123	2.9306E-05	1.7326E-05	1.05E-03	1.81E-08	1.45	1.57E-01	4.13E-09	1,000,000	4.13E-03
260	0.59811	2.9306E-05	1.7528E-05	1.05E-03	1.83E-08	1.45	1.57E-01	4.17E-09	1,000,000	4.17E-03
261	0.60374	2.9306E-05	1.7693E-05	1.05E-03	1.85E-08	1.45	1.57E-01	4.21E-09	1,000,000	4.21E-03
262	0.60767	2.9306E-05	1.7808E-05	1.05E-03	1.86E-08	1.45	1.57E-01	4.24E-09	1,000,000	4.24E-03
263	0.61021	2.9306E-05	1.7883E-05	1.05E-03	1.87E-08	1.45	1.57E-01	4.26E-09	1,000,000	4.26E-03
264	0.55511	2.9306E-05	1.6268E-05	1.05E-03	1.70E-08	1.45	1.57E-01	3.87E-09	1,000,000	3.87E-03
265	0.56387	2.9306E-05	1.6525E-05	1.05E-03	1.73E-08	1.45	1.57E-01	3.94E-09	1,000,000	3.94E-03
266	0.57117	2.9306E-05	1.6738E-05	1.05E-03	1.75E-08	1.45	1.57E-01	3.99E-09	1,000,000	3.99E-03
267	0.57709	2.9306E-05	1.6912E-05	1.05E-03	1.77E-08	1.45	1.57E-01	4.03E-09	1,000,000	4.03E-03
268	0.58165	2.9306E-05	1.7046E-05	1.05E-03	1.78E-08	1.45	1.57E-01	4.06E-09	1,000,000	4.06E-03
269	0.58494	2.9306E-05	1.7142E-05	1.05E-03	1.79E-08	1.45	1.57E-01	4.08E-09	1,000,000	4.08E-03
270	0.58693	2.9306E-05	1.72E-05	1.05E-03	1.80E-08	1.45	1.57E-01	4.10E-09	1,000,000	4.10E-03
271	0.53786	2.9306E-05	1.5762E-05	1.05E-03	1.65E-08	1.45	1.57E-01	3.75E-09	1,000,000	3.75E-03
272	0.54561	2.9306E-05	1.5989E-05	1.05E-03	1.67E-08	1.45	1.57E-01	3.81E-09	1,000,000	3.81E-03
273	0.55199	2.9306E-05	1.6176E-05	1.05E-03	1.69E-08	1.45	1.57E-01	3.85E-09	1,000,000	3.85E-03
274	0.55708	2.9306E-05	1.6326E-05	1.05E-03	1.71E-08	1.45	1.57E-01	3.89E-09	1,000,000	3.89E-03
275	0.56091	2.9306E-05	1.6438E-05	1.05E-03	1.72E-08	1.45	1.57E-01	3.91E-09	1,000,000	3.91E-03
276	0.56347	2.9306E-05	1.6513E-05	1.05E-03	1.73E-08	1.45	1.57E-01	3.93E-09	1,000,000	3.93E-03
277	0.56502	2.9306E-05	1.6558E-05	1.05E-03	1.73E-08	1.45	1.57E-01	3.94E-09	1,000,000	3.94E-03
278	0.40049	2.9306E-05	1.1737E-05	1.05E-03	1.23E-08	1.45	1.57E-01	2.80E-09	1,000,000	2.80E-03
279	0.40854	2.9306E-05	1.1973E-05	1.05E-03	1.25E-08	1.45	1.57E-01	2.85E-09	1,000,000	2.85E-03
280	0.42913	2.9306E-05	1.2576E-05	1.05E-03	1.31E-08	1.45	1.57E-01	3.00E-09	1,000,000	3.00E-03
281	0.42673	2.9306E-05	1.2506E-05	1.05E-03	1.31E-08	1.45	1.57E-01	2.98E-09	1,000,000	2.98E-03
282	0.44615	2.9306E-05	1.3075E-05	1.05E-03	1.37E-08	1.45	1.57E-01	3.11E-09	1,000,000	3.11E-03
283	0.40868	2.9306E-05	1.1977E-05	1.05E-03	1.25E-08	1.45	1.57E-01	2.85E-09	1,000,000	2.85E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	1.16028	2.9306E-05	3.4003E-05	1.05E-03	3.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	1.22306	2.9306E-05	3.5842E-05	1.05E-03	3.75E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	1.29166	2.9306E-05	3.7853E-05	1.05E-03	3.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	1.36671	2.9306E-05	4.0052E-05	1.05E-03	4.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	1.44889	2.9306E-05	4.2461E-05	1.05E-03	4.44E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	1.53889	2.9306E-05	4.5098E-05	1.05E-03	4.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	1.63742	2.9306E-05	4.7986E-05	1.05E-03	5.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	1.74516	2.9306E-05	5.1143E-05	1.05E-03	5.35E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	1.86272	2.9306E-05	5.4588E-05	1.05E-03	5.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	1.99249	2.9306E-05	5.8391E-05	1.05E-03	6.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	2.13318	2.9306E-05	6.2514E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	1.15665	2.9306E-05	3.3896E-05	1.05E-03	3.54E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	1.21916	2.9306E-05	3.5728E-05	1.05E-03	3.73E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	1.28733	2.9306E-05	3.7726E-05	1.05E-03	3.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	1.36174	2.9306E-05	3.9907E-05	1.05E-03	4.17E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	1.44296	2.9306E-05	4.2287E-05	1.05E-03	4.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	1.53159	2.9306E-05	4.4884E-05	1.05E-03	4.69E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	1.62821	2.9306E-05	4.7716E-05	1.05E-03	4.99E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	1.73334	2.9306E-05	5.0797E-05	1.05E-03	5.31E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	1.84743	2.9306E-05	5.414E-05	1.05E-03	5.66E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	1.9726	2.9306E-05	5.7808E-05	1.05E-03	6.04E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	2.10743	2.9306E-05	6.1759E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	1.15313	2.9306E-05	3.3793E-05	1.05E-03	3.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	1.21529	2.9306E-05	3.5615E-05	1.05E-03	3.72E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	1.28292	2.9306E-05	3.7597E-05	1.05E-03	3.93E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	1.35652	2.9306E-05	3.9754E-05	1.05E-03	4.16E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	1.4366	2.9306E-05	4.21E-05	1.05E-03	4.40E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	1.52365	2.9306E-05	4.4651E-05	1.05E-03	4.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	1.61813	2.9306E-05	4.742E-05	1.05E-03	4.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	1.72041	2.9306E-05	5.0418E-05	1.05E-03	5.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	1.83079	2.9306E-05	5.3652E-05	1.05E-03	5.61E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	1.95117	2.9306E-05	5.718E-05	1.05E-03	5.98E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.0956E-05	1.05E-03	6.37E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	1.14965	2.9306E-05	3.3691E-05	1.05E-03	3.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	1.21135	2.9306E-05	3.5499E-05	1.05E-03	3.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	1.27831	2.9306E-05	3.7462E-05	1.05E-03	3.92E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	1.35096	2.9306E-05	3.9591E-05	1.05E-03	4.14E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	1.42972	2.9306E-05	4.1899E-05	1.05E-03	4.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	1.51499	2.9306E-05	4.4398E-05	1.05E-03	4.64E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	1.6071	2.9306E-05	4.7097E-05	1.05E-03	4.92E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	1.70632	2.9306E-05	5.0005E-05	1.05E-03	5.23E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	1.81281	2.9306E-05	5.3125E-05	1.05E-03	5.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	1.92827	2.9306E-05	5.6509E-05	1.05E-03	5.91E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	2.05106	2.9306E-05	6.0108E-05	1.05E-03	6.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	1.14613	2.9306E-05	3.3588E-05	1.05E-03	3.51E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	1.20726	2.9306E-05	3.5379E-05	1.05E-03	3.70E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	1.27341	2.9306E-05	3.7318E-05	1.05E-03	3.90E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	1.34495	2.9306E-05	3.9415E-05	1.05E-03	4.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	1.42222	2.9306E-05	4.1679E-05	1.05E-03	4.36E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	1.50552	2.9306E-05	4.412E-05	1.05E-03	4.61E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	1.59508	2.9306E-05	4.6745E-05	1.05E-03	4.89E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	1.69107	2.9306E-05	4.9558E-05	1.05E-03	5.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	1.79354	2.9306E-05	5.2561E-05	1.05E-03	5.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	1.90398	2.9306E-05	5.5797E-05	1.05E-03	5.83E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	2.02075	2.9306E-05	5.9219E-05	1.05E-03	6.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	1.14248	2.9306E-05	3.3481E-05	1.05E-03	3.50E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	1.20293	2.9306E-05	3.5253E-05	1.05E-03	3.68E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	1.26814	2.9306E-05	3.7164E-05	1.05E-03	3.88E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	1.33843	2.9306E-05	3.9223E-05	1.05E-03	4.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	1.41404	2.9306E-05	4.1439E-05	1.05E-03	4.33E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	1.49521	2.9306E-05	4.3818E-05	1.05E-03	4.58E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	1.58207	2.9306E-05	4.6363E-05	1.05E-03	4.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	1.67469	2.9306E-05	4.9078E-05	1.05E-03	5.13E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	1.77303	2.9306E-05	5.196E-05	1.05E-03	5.43E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	1.87844	2.9306E-05	5.5049E-05	1.05E-03	5.75E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

Cancer Risk From Hul1A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.8296E-05	1.05E-03	6.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	1.13864	2.9306E-05	3.3369E-05	1.05E-03	3.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	1.19829	2.9306E-05	3.5117E-05	1.05E-03	3.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	1.26244	2.9306E-05	3.6997E-05	1.05E-03	3.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	1.33132	2.9306E-05	3.9015E-05	1.05E-03	4.08E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	1.40514	2.9306E-05	4.1178E-05	1.05E-03	4.30E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	1.48403	2.9306E-05	4.349E-05	1.05E-03	4.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	1.56805	2.9306E-05	4.5953E-05	1.05E-03	4.80E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	1.65721	2.9306E-05	4.8566E-05	1.05E-03	5.08E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	1.75137	2.9306E-05	5.1325E-05	1.05E-03	5.36E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	1.85176	2.9306E-05	5.4267E-05	1.05E-03	5.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	1.95668	2.9306E-05	5.7342E-05	1.05E-03	5.99E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	1.32363	2.9306E-05	3.879E-05	1.05E-03	4.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	1.39489	2.9306E-05	4.0878E-05	1.05E-03	4.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	1.47403	2.9306E-05	4.3197E-05	1.05E-03	4.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	1.55654	2.9306E-05	4.5615E-05	1.05E-03	4.77E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	1.63868	2.9306E-05	4.8022E-05	1.05E-03	5.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	1.72864	2.9306E-05	5.0659E-05	1.05E-03	5.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	1.82407	2.9306E-05	5.3455E-05	1.05E-03	5.59E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	1.92326	2.9306E-05	5.6362E-05	1.05E-03	5.89E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	1.25798	2.9306E-05	3.6866E-05	1.05E-03	3.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	1.188	2.9306E-05	3.4815E-05	1.05E-03	3.64E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						Residential Receptors				
1	0.23903	2.93E-05	7.00E-06	6.05E-04	4.24E-09	14	4.71E-02	2.80E-09	1,000,000	2.8E-03
2	0.24866	2.9306E-05	7.29E-06	6.05E-04	4.41E-09	14	4.71E-02	2.91E-09	1,000,000	2.91E-03
3	0.25923	2.9306E-05	7.60E-06	6.05E-04	4.60E-09	14	4.71E-02	3.03E-09	1,000,000	3.03E-03
4	0.27028	2.9306E-05	7.92E-06	6.05E-04	4.79E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
5	0.28231	2.9306E-05	8.27E-06	6.05E-04	5.01E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
6	0.23863	2.9306E-05	6.99E-06	6.05E-04	4.23E-09	14	4.71E-02	2.79E-09	1,000,000	2.79E-03
7	0.24823	2.9306E-05	7.27E-06	6.05E-04	4.40E-09	14	4.71E-02	2.91E-09	1,000,000	2.91E-03
8	0.2586	2.9306E-05	7.58E-06	6.05E-04	4.59E-09	14	4.71E-02	3.03E-09	1,000,000	3.03E-03
9	0.27005	2.9306E-05	7.91E-06	6.05E-04	4.79E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
10	0.28201	2.9306E-05	8.26E-06	6.05E-04	5.00E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
11	0.23808	2.9306E-05	6.98E-06	6.05E-04	4.22E-09	14	4.71E-02	2.79E-09	1,000,000	2.79E-03
12	0.24773	2.9306E-05	7.26E-06	6.05E-04	4.39E-09	14	4.71E-02	2.90E-09	1,000,000	2.90E-03
13	0.25817	2.9306E-05	7.57E-06	6.05E-04	4.58E-09	14	4.71E-02	3.02E-09	1,000,000	3.02E-03
14	0.2697	2.9306E-05	7.90E-06	6.05E-04	4.78E-09	14	4.71E-02	3.16E-09	1,000,000	3.16E-03
15	0.2817	2.9306E-05	8.26E-06	6.05E-04	5.00E-09	14	4.71E-02	3.30E-09	1,000,000	3.30E-03
16	0.23757	2.9306E-05	6.96E-06	6.05E-04	4.21E-09	14	4.71E-02	2.78E-09	1,000,000	2.78E-03
17	0.24734	2.9306E-05	7.25E-06	6.05E-04	4.39E-09	14	4.71E-02	2.89E-09	1,000,000	2.89E-03
18	0.25776	2.9306E-05	7.55E-06	6.05E-04	4.57E-09	14	4.71E-02	3.02E-09	1,000,000	3.02E-03
19	0.2688	2.9306E-05	7.88E-06	6.05E-04	4.77E-09	14	4.71E-02	3.15E-09	1,000,000	3.15E-03
20	0.28086	2.9306E-05	8.23E-06	6.05E-04	4.98E-09	14	4.71E-02	3.29E-09	1,000,000	3.29E-03
21	0.23719	2.9306E-05	6.95E-06	6.05E-04	4.21E-09	14	4.71E-02	2.78E-09	1,000,000	2.78E-03
22	0.24694	2.9306E-05	7.24E-06	6.05E-04	4.38E-09	14	4.71E-02	2.89E-09	1,000,000	2.89E-03
23	0.25738	2.9306E-05	7.54E-06	6.05E-04	4.56E-09	14	4.71E-02	3.01E-09	1,000,000	3.01E-03
24	0.26848	2.9306E-05	7.87E-06	6.05E-04	4.76E-09	14	4.71E-02	3.14E-09	1,000,000	3.14E-03
25	0.28015	2.9306E-05	8.21E-06	6.05E-04	4.97E-09	14	4.71E-02	3.28E-09	1,000,000	3.28E-03
113	10.26883	2.9306E-05	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
114	10.26908	2.9306E-05	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
115	10.0116	2.9306E-05	2.93E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
116	9.46476	2.9306E-05	2.77E-04	6.05E-04	1.68E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
117	8.47048	2.9306E-05	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.91E-08	1,000,000	9.91E-02
118	8.40203	2.9306E-05	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.83E-08	1,000,000	9.83E-02
119	8.13133	2.9306E-05	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	2.24E-04	6.05E-04	1.36E-07	14	4.71E-02	8.96E-08	1,000,000	8.96E-02
121	7.09845	2.9306E-05	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.31E-08	1,000,000	8.31E-02
122	6.99295	2.9306E-05	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.18E-08	1,000,000	8.18E-02
123	6.734	2.9306E-05	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.88E-08	1,000,000	7.88E-02
124	6.3318	2.9306E-05	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.41E-08	1,000,000	7.41E-02
125	6.02844	2.9306E-05	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.06E-08	1,000,000	7.06E-02
126	5.90661	2.9306E-05	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.91E-08	1,000,000	6.91E-02
127	5.67005	2.9306E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.64E-08	1,000,000	6.64E-02
128	5.33314	2.9306E-05	1.56E-04	6.05E-04	9.46E-08	14	4.71E-02	6.24E-08	1,000,000	6.24E-02
129	5.17938	2.9306E-05	1.52E-04	6.05E-04	9.18E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
130	5.05384	2.9306E-05	1.48E-04	6.05E-04	8.96E-08	14	4.71E-02	5.91E-08	1,000,000	5.91E-02
131	4.84284	2.9306E-05	1.42E-04	6.05E-04	8.59E-08	14	4.71E-02	5.67E-08	1,000,000	5.67E-02
132	4.56081	2.9306E-05	1.34E-04	6.05E-04	8.09E-08	14	4.71E-02	5.34E-08	1,000,000	5.34E-02
133	4.49582	2.9306E-05	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
134	4.37376	2.9306E-05	1.28E-04	6.05E-04	7.76E-08	14	4.71E-02	5.12E-08	1,000,000	5.12E-02
135	4.18782	2.9306E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.90E-08	1,000,000	4.90E-02
136	3.95087	2.9306E-05	1.16E-04	6.05E-04	7.01E-08	14	4.71E-02	4.62E-08	1,000,000	4.62E-02
137	3.93847	2.9306E-05	1.15E-04	6.05E-04	6.98E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
138	3.66063	2.9306E-05	1.07E-04	6.05E-04	6.49E-08	14	4.71E-02	4.28E-08	1,000,000	4.28E-02
139	3.46046	2.9306E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
140	2.7735	2.9306E-05	8.13E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
141	2.68568	2.9306E-05	7.87E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
142	2.57604	2.9306E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
143	2.45052	2.9306E-05	7.18E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
144	2.50002	2.9306E-05	7.33E-05	6.05E-04	4.43E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
145	2.42061	2.9306E-05	7.09E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
146	2.32408	2.9306E-05	6.81E-05	6.05E-04	4.12E-08	14	4.71E-02	2.72E-08	1,000,000	2.72E-02
147	2.21525	2.9306E-05	6.49E-05	6.05E-04	3.93E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
148	2.26605	2.9306E-05	6.64E-05	6.05E-04	4.02E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
149	2.19435	2.9306E-05	6.43E-05	6.05E-04	3.89E-08	14	4.71E-02	2.57E-08	1,000,000	2.57E-02
150	2.10907	2.9306E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
151	2.01413	2.9306E-05	5.90E-05	6.05E-04	3.57E-08	14	4.71E-02	2.36E-08	1,000,000	2.36E-02
152	2.0644	2.9306E-05	6.05E-05	6.05E-04	3.66E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.86E-05	6.05E-04	3.55E-08	14	4.71E-02	2.34E-08	1,000,000	2.34E-02
154	1.92405	2.9306E-05	5.64E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
155	1.84075	2.9306E-05	5.39E-05	6.05E-04	3.26E-08	14	4.71E-02	2.15E-08	1,000,000	2.15E-02
156	1.88942	2.9306E-05	5.54E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
157	1.83092	2.9306E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
158	1.76361	2.9306E-05	5.17E-05	6.05E-04	3.13E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02
159	1.69014	2.9306E-05	4.95E-05	6.05E-04	3.00E-08	14	4.71E-02	1.98E-08	1,000,000	1.98E-02
160	1.7366	2.9306E-05	5.09E-05	6.05E-04	3.08E-08	14	4.71E-02	2.03E-08	1,000,000	2.03E-02
161	1.68366	2.9306E-05	4.93E-05	6.05E-04	2.99E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
162	1.62354	2.9306E-05	4.76E-05	6.05E-04	2.88E-08	14	4.71E-02	1.90E-08	1,000,000	1.90E-02
163	1.55854	2.9306E-05	4.57E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
164	1.60237	2.9306E-05	4.70E-05	6.05E-04	2.84E-08	14	4.71E-02	1.88E-08	1,000,000	1.88E-02
165	1.55437	2.9306E-05	4.56E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
166	1.50092	2.9306E-05	4.40E-05	6.05E-04	2.66E-08	14	4.71E-02	1.76E-08	1,000,000	1.76E-02
167	1.44292	2.9306E-05	4.23E-05	6.05E-04	2.56E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
168	1.48381	2.9306E-05	4.35E-05	6.05E-04	2.63E-08	14	4.71E-02	1.74E-08	1,000,000	1.74E-02
169	1.44022	2.9306E-05	4.22E-05	6.05E-04	2.55E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
170	1.39215	2.9306E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
171	1.34022	2.9306E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
172	1.37858	2.9306E-05	4.04E-05	6.05E-04	2.44E-08	14	4.71E-02	1.61E-08	1,000,000	1.61E-02
173	1.33889	2.9306E-05	3.92E-05	6.05E-04	2.37E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
174	1.29546	2.9306E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
175	1.24883	2.9306E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
176	1.28473	2.9306E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
177	1.24852	2.9306E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
178	1.20918	2.9306E-05	3.54E-05	6.05E-04	2.14E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
179	1.16712	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
180	1.20066	2.9306E-05	3.52E-05	6.05E-04	2.13E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
181	1.1677	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
182	1.13182	2.9306E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
183	1.09374	2.9306E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
184	1.51451	2.9306E-05	4.44E-05	6.05E-04	2.69E-08	14	4.71E-02	1.77E-08	1,000,000	1.77E-02
185	1.21641	2.9306E-05	3.56E-05	6.05E-04	2.16E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.50E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
187	1.16538	2.9306E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
188	1.13417	2.9306E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
189	1.15812	2.9306E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
190	1.14085	2.9306E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
191	1.119	2.9306E-05	3.28E-05	6.05E-04	1.98E-08	14	4.71E-02	1.31E-08	1,000,000	1.31E-02
192	1.09328	2.9306E-05	3.20E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
193	1.06472	2.9306E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
194	1.08904	2.9306E-05	3.19E-05	6.05E-04	1.93E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
195	1.07244	2.9306E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
196	1.05197	2.9306E-05	3.08E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
197	1.02834	2.9306E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
198	1.00181	2.9306E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
199	1.02614	2.9306E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
200	1.01029	2.9306E-05	2.96E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
201	0.99118	2.9306E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
202	0.96916	2.9306E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
203	0.94467	2.9306E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
204	0.99228	2.9306E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
205	0.96877	2.9306E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
206	0.95366	2.9306E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
207	0.93583	2.9306E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
208	0.91526	2.9306E-05	2.68E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
209	0.94133	2.9306E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
210	0.9405	2.9306E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
211	0.93594	2.9306E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
212	0.92773	2.9306E-05	2.72E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
213	0.91629	2.9306E-05	2.69E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
214	0.90207	2.9306E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
215	0.88519	2.9306E-05	2.59E-05	6.05E-04	1.57E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
216	0.84666	2.9306E-05	2.48E-05	6.05E-04	1.50E-08	14	4.71E-02	9.91E-09	1,000,000	9.91E-03
217	0.8501	2.9306E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.95E-09	1,000,000	9.95E-03
218	0.85085	2.9306E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.96E-09	1,000,000	9.96E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.49E-05	6.05E-04	1.50E-08	14	4.71E-02	9.93E-09	1,000,000	9.93E-03
220	0.84291	2.9306E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.86E-09	1,000,000	9.86E-03
221	0.83481	2.9306E-05	2.45E-05	6.05E-04	1.48E-08	14	4.71E-02	9.77E-09	1,000,000	9.77E-03
222	0.80807	2.9306E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.46E-09	1,000,000	9.46E-03
223	0.81056	2.9306E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.49E-09	1,000,000	9.49E-03
224	0.81026	2.9306E-05	2.37E-05	6.05E-04	1.44E-08	14	4.71E-02	9.48E-09	1,000,000	9.48E-03
225	0.80716	2.9306E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.45E-09	1,000,000	9.45E-03
226	0.80167	2.9306E-05	2.35E-05	6.05E-04	1.42E-08	14	4.71E-02	9.38E-09	1,000,000	9.38E-03
227	0.77207	2.9306E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.04E-09	1,000,000	9.04E-03
228	0.77365	2.9306E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.05E-09	1,000,000	9.05E-03
229	0.77256	2.9306E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.04E-09	1,000,000	9.04E-03
230	0.76922	2.9306E-05	2.25E-05	6.05E-04	1.36E-08	14	4.71E-02	9.00E-09	1,000,000	9.00E-03
231	0.73846	2.9306E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.64E-09	1,000,000	8.64E-03
232	0.73907	2.9306E-05	2.17E-05	6.05E-04	1.31E-08	14	4.71E-02	8.65E-09	1,000,000	8.65E-03
233	0.73748	2.9306E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.63E-09	1,000,000	8.63E-03
234	0.73384	2.9306E-05	2.15E-05	6.05E-04	1.30E-08	14	4.71E-02	8.59E-09	1,000,000	8.59E-03
235	0.70683	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.27E-09	1,000,000	8.27E-03
236	0.70677	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.27E-09	1,000,000	8.27E-03
237	0.70485	2.9306E-05	2.07E-05	6.05E-04	1.25E-08	14	4.71E-02	8.25E-09	1,000,000	8.25E-03
238	0.70091	2.9306E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
239	0.67715	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
240	0.6766	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
241	0.67434	2.9306E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.89E-09	1,000,000	7.89E-03
242	0.67024	2.9306E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
243	0.61099	2.9306E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.15E-09	1,000,000	7.15E-03
244	0.62331	2.9306E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.29E-09	1,000,000	7.29E-03
245	0.6341	2.9306E-05	1.86E-05	6.05E-04	1.12E-08	14	4.71E-02	7.42E-09	1,000,000	7.42E-03
246	0.6433	2.9306E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.53E-09	1,000,000	7.53E-03
247	0.65102	2.9306E-05	1.91E-05	6.05E-04	1.15E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03
248	0.65671	2.9306E-05	1.92E-05	6.05E-04	1.16E-08	14	4.71E-02	7.69E-09	1,000,000	7.69E-03
249	0.66065	2.9306E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.73E-09	1,000,000	7.73E-03
250	0.59182	2.9306E-05	1.73E-05	6.05E-04	1.05E-08	14	4.71E-02	6.93E-09	1,000,000	6.93E-03
251	0.60273	2.9306E-05	1.77E-05	6.05E-04	1.07E-08	14	4.71E-02	7.05E-09	1,000,000	7.05E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.79E-05	6.05E-04	1.09E-08	14	4.71E-02	7.16E-09	1,000,000	7.16E-03
253	0.62017	2.9306E-05	1.82E-05	6.05E-04	1.10E-08	14	4.71E-02	7.26E-09	1,000,000	7.26E-03
254	0.62678	2.9306E-05	1.84E-05	6.05E-04	1.11E-08	14	4.71E-02	7.34E-09	1,000,000	7.34E-03
255	0.63152	2.9306E-05	1.85E-05	6.05E-04	1.12E-08	14	4.71E-02	7.39E-09	1,000,000	7.39E-03
256	0.63481	2.9306E-05	1.86E-05	6.05E-04	1.13E-08	14	4.71E-02	7.43E-09	1,000,000	7.43E-03
257	0.57329	2.9306E-05	1.68E-05	6.05E-04	1.02E-08	14	4.71E-02	6.71E-09	1,000,000	6.71E-03
258	0.58294	2.9306E-05	1.71E-05	6.05E-04	1.03E-08	14	4.71E-02	6.82E-09	1,000,000	6.82E-03
259	0.59123	2.9306E-05	1.73E-05	6.05E-04	1.05E-08	14	4.71E-02	6.92E-09	1,000,000	6.92E-03
260	0.59811	2.9306E-05	1.75E-05	6.05E-04	1.06E-08	14	4.71E-02	7.00E-09	1,000,000	7.00E-03
261	0.60374	2.9306E-05	1.77E-05	6.05E-04	1.07E-08	14	4.71E-02	7.07E-09	1,000,000	7.07E-03
262	0.60767	2.9306E-05	1.78E-05	6.05E-04	1.08E-08	14	4.71E-02	7.11E-09	1,000,000	7.11E-03
263	0.61021	2.9306E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.14E-09	1,000,000	7.14E-03
264	0.55511	2.9306E-05	1.63E-05	6.05E-04	9.84E-09	14	4.71E-02	6.50E-09	1,000,000	6.50E-03
265	0.56387	2.9306E-05	1.65E-05	6.05E-04	1.00E-08	14	4.71E-02	6.60E-09	1,000,000	6.60E-03
266	0.57117	2.9306E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.68E-09	1,000,000	6.68E-03
267	0.57709	2.9306E-05	1.69E-05	6.05E-04	1.02E-08	14	4.71E-02	6.75E-09	1,000,000	6.75E-03
268	0.58165	2.9306E-05	1.70E-05	6.05E-04	1.03E-08	14	4.71E-02	6.81E-09	1,000,000	6.81E-03
269	0.58494	2.9306E-05	1.71E-05	6.05E-04	1.04E-08	14	4.71E-02	6.85E-09	1,000,000	6.85E-03
270	0.58693	2.9306E-05	1.72E-05	6.05E-04	1.04E-08	14	4.71E-02	6.87E-09	1,000,000	6.87E-03
271	0.53786	2.9306E-05	1.58E-05	6.05E-04	9.54E-09	14	4.71E-02	6.29E-09	1,000,000	6.29E-03
272	0.54561	2.9306E-05	1.60E-05	6.05E-04	9.67E-09	14	4.71E-02	6.39E-09	1,000,000	6.39E-03
273	0.55199	2.9306E-05	1.62E-05	6.05E-04	9.79E-09	14	4.71E-02	6.46E-09	1,000,000	6.46E-03
274	0.55708	2.9306E-05	1.63E-05	6.05E-04	9.88E-09	14	4.71E-02	6.52E-09	1,000,000	6.52E-03
275	0.56091	2.9306E-05	1.64E-05	6.05E-04	9.95E-09	14	4.71E-02	6.56E-09	1,000,000	6.56E-03
276	0.56347	2.9306E-05	1.65E-05	6.05E-04	9.99E-09	14	4.71E-02	6.59E-09	1,000,000	6.59E-03
277	0.56502	2.9306E-05	1.66E-05	6.05E-04	1.00E-08	14	4.71E-02	6.61E-09	1,000,000	6.61E-03
278	0.40049	2.9306E-05	1.17E-05	6.05E-04	7.10E-09	14	4.71E-02	4.69E-09	1,000,000	4.69E-03
279	0.40854	2.9306E-05	1.20E-05	6.05E-04	7.24E-09	14	4.71E-02	4.78E-09	1,000,000	4.78E-03
280	0.42913	2.9306E-05	1.26E-05	6.05E-04	7.61E-09	14	4.71E-02	5.02E-09	1,000,000	5.02E-03
281	0.42673	2.9306E-05	1.25E-05	6.05E-04	7.57E-09	14	4.71E-02	4.99E-09	1,000,000	4.99E-03
282	0.44615	2.9306E-05	1.31E-05	6.05E-04	7.91E-09	14	4.71E-02	5.22E-09	1,000,000	5.22E-03
283	0.40868	2.9306E-05	1.20E-05	6.05E-04	7.25E-09	14	4.71E-02	4.78E-09	1,000,000	4.78E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	1.16028	2.9306E-05	3.40E-05	6.05E-04	2.06E-08	10	4.71E-02	9.70E-09	1,000,000	9.70E-03
27	1.22306	2.9306E-05	3.58E-05	6.05E-04	2.17E-08	10	4.71E-02	1.02E-08	1,000,000	1.02E-02
28	1.29166	2.9306E-05	3.79E-05	6.05E-04	2.29E-08	10	4.71E-02	1.08E-08	1,000,000	1.08E-02
29	1.36671	2.9306E-05	4.01E-05	6.05E-04	2.42E-08	10	4.71E-02	1.14E-08	1,000,000	1.14E-02
30	1.44889	2.9306E-05	4.25E-05	6.05E-04	2.57E-08	10	4.71E-02	1.21E-08	1,000,000	1.21E-02
31	1.53889	2.9306E-05	4.51E-05	6.05E-04	2.73E-08	10	4.71E-02	1.29E-08	1,000,000	1.29E-02
32	1.63742	2.9306E-05	4.80E-05	6.05E-04	2.90E-08	10	4.71E-02	1.37E-08	1,000,000	1.37E-02
33	1.74516	2.9306E-05	5.11E-05	6.05E-04	3.09E-08	10	4.71E-02	1.46E-08	1,000,000	1.46E-02
34	1.86272	2.9306E-05	5.46E-05	6.05E-04	3.30E-08	10	4.71E-02	1.56E-08	1,000,000	1.56E-02
35	1.99249	2.9306E-05	5.84E-05	6.05E-04	3.53E-08	10	4.71E-02	1.67E-08	1,000,000	1.67E-02
36	2.13318	2.9306E-05	6.25E-05	6.05E-04	3.78E-08	10	4.71E-02	1.78E-08	1,000,000	1.78E-02
37	1.15665	2.9306E-05	3.39E-05	6.05E-04	2.05E-08	10	4.71E-02	9.67E-09	1,000,000	9.67E-03
38	1.21916	2.9306E-05	3.57E-05	6.05E-04	2.16E-08	10	4.71E-02	1.02E-08	1,000,000	1.02E-02
39	1.28733	2.9306E-05	3.77E-05	6.05E-04	2.28E-08	10	4.71E-02	1.08E-08	1,000,000	1.08E-02
40	1.36174	2.9306E-05	3.99E-05	6.05E-04	2.41E-08	10	4.71E-02	1.14E-08	1,000,000	1.14E-02
41	1.44296	2.9306E-05	4.23E-05	6.05E-04	2.56E-08	10	4.71E-02	1.21E-08	1,000,000	1.21E-02
42	1.53159	2.9306E-05	4.49E-05	6.05E-04	2.72E-08	10	4.71E-02	1.28E-08	1,000,000	1.28E-02
43	1.62821	2.9306E-05	4.77E-05	6.05E-04	2.89E-08	10	4.71E-02	1.36E-08	1,000,000	1.36E-02
44	1.73334	2.9306E-05	5.08E-05	6.05E-04	3.07E-08	10	4.71E-02	1.45E-08	1,000,000	1.45E-02
45	1.84743	2.9306E-05	5.41E-05	6.05E-04	3.28E-08	10	4.71E-02	1.54E-08	1,000,000	1.54E-02
46	1.9726	2.9306E-05	5.78E-05	6.05E-04	3.50E-08	10	4.71E-02	1.65E-08	1,000,000	1.65E-02
47	2.10743	2.9306E-05	6.18E-05	6.05E-04	3.74E-08	10	4.71E-02	1.76E-08	1,000,000	1.76E-02
48	1.15313	2.9306E-05	3.38E-05	6.05E-04	2.04E-08	10	4.71E-02	9.64E-09	1,000,000	9.64E-03
49	1.21529	2.9306E-05	3.56E-05	6.05E-04	2.15E-08	10	4.71E-02	1.02E-08	1,000,000	1.02E-02
50	1.28292	2.9306E-05	3.76E-05	6.05E-04	2.27E-08	10	4.71E-02	1.07E-08	1,000,000	1.07E-02
51	1.35652	2.9306E-05	3.98E-05	6.05E-04	2.41E-08	10	4.71E-02	1.13E-08	1,000,000	1.13E-02
52	1.4366	2.9306E-05	4.21E-05	6.05E-04	2.55E-08	10	4.71E-02	1.20E-08	1,000,000	1.20E-02
53	1.52365	2.9306E-05	4.47E-05	6.05E-04	2.70E-08	10	4.71E-02	1.27E-08	1,000,000	1.27E-02
54	1.61813	2.9306E-05	4.74E-05	6.05E-04	2.87E-08	10	4.71E-02	1.35E-08	1,000,000	1.35E-02
55	1.72041	2.9306E-05	5.04E-05	6.05E-04	3.05E-08	10	4.71E-02	1.44E-08	1,000,000	1.44E-02
56	1.83079	2.9306E-05	5.37E-05	6.05E-04	3.25E-08	10	4.71E-02	1.53E-08	1,000,000	1.53E-02
57	1.95117	2.9306E-05	5.72E-05	6.05E-04	3.46E-08	10	4.71E-02	1.63E-08	1,000,000	1.63E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.10E-05	6.05E-04	3.69E-08	10	4.71E-02	1.74E-08	1,000,000	1.74E-02
59	1.14965	2.9306E-05	3.37E-05	6.05E-04	2.04E-08	10	4.71E-02	9.61E-09	1,000,000	9.61E-03
60	1.21135	2.9306E-05	3.55E-05	6.05E-04	2.15E-08	10	4.71E-02	1.01E-08	1,000,000	1.01E-02
61	1.27831	2.9306E-05	3.75E-05	6.05E-04	2.27E-08	10	4.71E-02	1.07E-08	1,000,000	1.07E-02
62	1.35096	2.9306E-05	3.96E-05	6.05E-04	2.40E-08	10	4.71E-02	1.13E-08	1,000,000	1.13E-02
63	1.42972	2.9306E-05	4.19E-05	6.05E-04	2.54E-08	10	4.71E-02	1.20E-08	1,000,000	1.20E-02
64	1.51499	2.9306E-05	4.44E-05	6.05E-04	2.69E-08	10	4.71E-02	1.27E-08	1,000,000	1.27E-02
65	1.6071	2.9306E-05	4.71E-05	6.05E-04	2.85E-08	10	4.71E-02	1.34E-08	1,000,000	1.34E-02
66	1.70632	2.9306E-05	5.00E-05	6.05E-04	3.03E-08	10	4.71E-02	1.43E-08	1,000,000	1.43E-02
67	1.81281	2.9306E-05	5.31E-05	6.05E-04	3.21E-08	10	4.71E-02	1.52E-08	1,000,000	1.52E-02
68	1.92827	2.9306E-05	5.65E-05	6.05E-04	3.42E-08	10	4.71E-02	1.61E-08	1,000,000	1.61E-02
69	2.05106	2.9306E-05	6.01E-05	6.05E-04	3.64E-08	10	4.71E-02	1.71E-08	1,000,000	1.71E-02
70	1.14613	2.9306E-05	3.36E-05	6.05E-04	2.03E-08	10	4.71E-02	9.58E-09	1,000,000	9.58E-03
71	1.20726	2.9306E-05	3.54E-05	6.05E-04	2.14E-08	10	4.71E-02	1.01E-08	1,000,000	1.01E-02
72	1.27341	2.9306E-05	3.73E-05	6.05E-04	2.26E-08	10	4.71E-02	1.06E-08	1,000,000	1.06E-02
73	1.34495	2.9306E-05	3.94E-05	6.05E-04	2.38E-08	10	4.71E-02	1.12E-08	1,000,000	1.12E-02
74	1.42222	2.9306E-05	4.17E-05	6.05E-04	2.52E-08	10	4.71E-02	1.19E-08	1,000,000	1.19E-02
75	1.50552	2.9306E-05	4.41E-05	6.05E-04	2.67E-08	10	4.71E-02	1.26E-08	1,000,000	1.26E-02
76	1.59508	2.9306E-05	4.67E-05	6.05E-04	2.83E-08	10	4.71E-02	1.33E-08	1,000,000	1.33E-02
77	1.69107	2.9306E-05	4.96E-05	6.05E-04	3.00E-08	10	4.71E-02	1.41E-08	1,000,000	1.41E-02
78	1.79354	2.9306E-05	5.26E-05	6.05E-04	3.18E-08	10	4.71E-02	1.50E-08	1,000,000	1.50E-02
79	1.90398	2.9306E-05	5.58E-05	6.05E-04	3.38E-08	10	4.71E-02	1.59E-08	1,000,000	1.59E-02
80	2.02075	2.9306E-05	5.92E-05	6.05E-04	3.58E-08	10	4.71E-02	1.69E-08	1,000,000	1.69E-02
81	1.14248	2.9306E-05	3.35E-05	6.05E-04	2.03E-08	10	4.71E-02	9.55E-09	1,000,000	9.55E-03
82	1.20293	2.9306E-05	3.53E-05	6.05E-04	2.13E-08	10	4.71E-02	1.01E-08	1,000,000	1.01E-02
83	1.26814	2.9306E-05	3.72E-05	6.05E-04	2.25E-08	10	4.71E-02	1.06E-08	1,000,000	1.06E-02
84	1.33843	2.9306E-05	3.92E-05	6.05E-04	2.37E-08	10	4.71E-02	1.12E-08	1,000,000	1.12E-02
85	1.41404	2.9306E-05	4.14E-05	6.05E-04	2.51E-08	10	4.71E-02	1.18E-08	1,000,000	1.18E-02
86	1.49521	2.9306E-05	4.38E-05	6.05E-04	2.65E-08	10	4.71E-02	1.25E-08	1,000,000	1.25E-02
87	1.58207	2.9306E-05	4.64E-05	6.05E-04	2.81E-08	10	4.71E-02	1.32E-08	1,000,000	1.32E-02
88	1.67469	2.9306E-05	4.91E-05	6.05E-04	2.97E-08	10	4.71E-02	1.40E-08	1,000,000	1.40E-02
89	1.77303	2.9306E-05	5.20E-05	6.05E-04	3.14E-08	10	4.71E-02	1.48E-08	1,000,000	1.48E-02
90	1.87844	2.9306E-05	5.50E-05	6.05E-04	3.33E-08	10	4.71E-02	1.57E-08	1,000,000	1.57E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.83E-05	6.05E-04	3.53E-08	10	4.71E-02	1.66E-08	1,000,000	1.66E-02
92	1.13864	2.9306E-05	3.34E-05	6.05E-04	2.02E-08	10	4.71E-02	9.52E-09	1,000,000	9.52E-03
93	1.19829	2.9306E-05	3.51E-05	6.05E-04	2.12E-08	10	4.71E-02	1.00E-08	1,000,000	1.00E-02
94	1.26244	2.9306E-05	3.70E-05	6.05E-04	2.24E-08	10	4.71E-02	1.06E-08	1,000,000	1.06E-02
95	1.33132	2.9306E-05	3.90E-05	6.05E-04	2.36E-08	10	4.71E-02	1.11E-08	1,000,000	1.11E-02
96	1.40514	2.9306E-05	4.12E-05	6.05E-04	2.49E-08	10	4.71E-02	1.17E-08	1,000,000	1.17E-02
97	1.48403	2.9306E-05	4.35E-05	6.05E-04	2.63E-08	10	4.71E-02	1.24E-08	1,000,000	1.24E-02
98	1.56805	2.9306E-05	4.60E-05	6.05E-04	2.78E-08	10	4.71E-02	1.31E-08	1,000,000	1.31E-02
99	1.65721	2.9306E-05	4.86E-05	6.05E-04	2.94E-08	10	4.71E-02	1.39E-08	1,000,000	1.39E-02
100	1.75137	2.9306E-05	5.13E-05	6.05E-04	3.11E-08	10	4.71E-02	1.46E-08	1,000,000	1.46E-02
101	1.85176	2.9306E-05	5.43E-05	6.05E-04	3.28E-08	10	4.71E-02	1.55E-08	1,000,000	1.55E-02
102	1.95668	2.9306E-05	5.73E-05	6.05E-04	3.47E-08	10	4.71E-02	1.64E-08	1,000,000	1.64E-02
103	1.32363	2.9306E-05	3.88E-05	6.05E-04	2.35E-08	10	4.71E-02	1.11E-08	1,000,000	1.11E-02
104	1.39489	2.9306E-05	4.09E-05	6.05E-04	2.47E-08	10	4.71E-02	1.17E-08	1,000,000	1.17E-02
105	1.47403	2.9306E-05	4.32E-05	6.05E-04	2.61E-08	10	4.71E-02	1.23E-08	1,000,000	1.23E-02
106	1.55654	2.9306E-05	4.56E-05	6.05E-04	2.76E-08	10	4.71E-02	1.30E-08	1,000,000	1.30E-02
107	1.63868	2.9306E-05	4.80E-05	6.05E-04	2.91E-08	10	4.71E-02	1.37E-08	1,000,000	1.37E-02
108	1.72864	2.9306E-05	5.07E-05	6.05E-04	3.07E-08	10	4.71E-02	1.45E-08	1,000,000	1.45E-02
109	1.82407	2.9306E-05	5.35E-05	6.05E-04	3.23E-08	10	4.71E-02	1.52E-08	1,000,000	1.52E-02
110	1.92326	2.9306E-05	5.64E-05	6.05E-04	3.41E-08	10	4.71E-02	1.61E-08	1,000,000	1.61E-02
111	1.25798	2.9306E-05	3.69E-05	6.05E-04	2.23E-08	10	4.71E-02	1.05E-08	1,000,000	1.05E-02
112	1.188	2.9306E-05	3.48E-05	6.05E-04	2.11E-08	10	4.71E-02	9.93E-09	1,000,000	9.93E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.23903	2.93E-05	7.00E-06	2.50E-04	1.75E-09	14	1.15E-02	2.82E-10	1000000.0	2.8E-04
2	0.24866	2.9306E-05	7.29E-06	2.50E-04	1.82E-09	14	1.15E-02	2.93E-10	1,000,000	2.93E-04
3	0.25923	2.9306E-05	7.60E-06	2.50E-04	1.90E-09	14	1.15E-02	3.05E-10	1,000,000	3.05E-04
4	0.27028	2.9306E-05	7.92E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
5	0.28231	2.9306E-05	8.27E-06	2.50E-04	2.07E-09	14	1.15E-02	3.33E-10	1,000,000	3.33E-04
6	0.23863	2.9306E-05	6.99E-06	2.50E-04	1.75E-09	14	1.15E-02	2.81E-10	1,000,000	2.81E-04
7	0.24823	2.9306E-05	7.27E-06	2.50E-04	1.82E-09	14	1.15E-02	2.92E-10	1,000,000	2.92E-04
8	0.2586	2.9306E-05	7.58E-06	2.50E-04	1.90E-09	14	1.15E-02	3.05E-10	1,000,000	3.05E-04
9	0.27005	2.9306E-05	7.91E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
10	0.28201	2.9306E-05	8.26E-06	2.50E-04	2.07E-09	14	1.15E-02	3.32E-10	1,000,000	3.32E-04
11	0.23808	2.9306E-05	6.98E-06	2.50E-04	1.75E-09	14	1.15E-02	2.80E-10	1,000,000	2.80E-04
12	0.24773	2.9306E-05	7.26E-06	2.50E-04	1.82E-09	14	1.15E-02	2.92E-10	1,000,000	2.92E-04
13	0.25817	2.9306E-05	7.57E-06	2.50E-04	1.89E-09	14	1.15E-02	3.04E-10	1,000,000	3.04E-04
14	0.2697	2.9306E-05	7.90E-06	2.50E-04	1.98E-09	14	1.15E-02	3.18E-10	1,000,000	3.18E-04
15	0.2817	2.9306E-05	8.26E-06	2.50E-04	2.07E-09	14	1.15E-02	3.32E-10	1,000,000	3.32E-04
16	0.23757	2.9306E-05	6.96E-06	2.50E-04	1.74E-09	14	1.15E-02	2.80E-10	1,000,000	2.80E-04
17	0.24734	2.9306E-05	7.25E-06	2.50E-04	1.81E-09	14	1.15E-02	2.91E-10	1,000,000	2.91E-04
18	0.25776	2.9306E-05	7.55E-06	2.50E-04	1.89E-09	14	1.15E-02	3.04E-10	1,000,000	3.04E-04
19	0.2688	2.9306E-05	7.88E-06	2.50E-04	1.97E-09	14	1.15E-02	3.17E-10	1,000,000	3.17E-04
20	0.28086	2.9306E-05	8.23E-06	2.50E-04	2.06E-09	14	1.15E-02	3.31E-10	1,000,000	3.31E-04
21	0.23719	2.9306E-05	6.95E-06	2.50E-04	1.74E-09	14	1.15E-02	2.79E-10	1,000,000	2.79E-04
22	0.24694	2.9306E-05	7.24E-06	2.50E-04	1.81E-09	14	1.15E-02	2.91E-10	1,000,000	2.91E-04
23	0.25738	2.9306E-05	7.54E-06	2.50E-04	1.89E-09	14	1.15E-02	3.03E-10	1,000,000	3.03E-04
24	0.26848	2.9306E-05	7.87E-06	2.50E-04	1.97E-09	14	1.15E-02	3.16E-10	1,000,000	3.16E-04
25	0.28015	2.9306E-05	8.21E-06	2.50E-04	2.05E-09	14	1.15E-02	3.30E-10	1,000,000	3.30E-04
113	10.26883	2.9306E-05	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
114	10.26908	2.9306E-05	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
115	10.0116	2.9306E-05	2.93E-04	2.50E-04	7.34E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
116	9.46476	2.9306E-05	2.77E-04	2.50E-04	6.94E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
117	8.47048	2.9306E-05	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.98E-09	1,000,000	9.98E-03
118	8.40203	2.9306E-05	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
119	8.13133	2.9306E-05	2.38E-04	2.50E-04	5.96E-08	14	1.15E-02	9.58E-09	1,000,000	9.58E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	7.65572	2.9306E-05	2.24E-04	2.50E-04	5.62E-08	14	1.15E-02	9.02E-09	1,000,000	9.02E-03
121	7.09845	2.9306E-05	2.08E-04	2.50E-04	5.21E-08	14	1.15E-02	8.36E-09	1,000,000	8.36E-03
122	6.99295	2.9306E-05	2.05E-04	2.50E-04	5.13E-08	14	1.15E-02	8.24E-09	1,000,000	8.24E-03
123	6.734	2.9306E-05	1.97E-04	2.50E-04	4.94E-08	14	1.15E-02	7.93E-09	1,000,000	7.93E-03
124	6.3318	2.9306E-05	1.86E-04	2.50E-04	4.64E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
125	6.02844	2.9306E-05	1.77E-04	2.50E-04	4.42E-08	14	1.15E-02	7.10E-09	1,000,000	7.10E-03
126	5.90661	2.9306E-05	1.73E-04	2.50E-04	4.33E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
127	5.67005	2.9306E-05	1.66E-04	2.50E-04	4.16E-08	14	1.15E-02	6.68E-09	1,000,000	6.68E-03
128	5.33314	2.9306E-05	1.56E-04	2.50E-04	3.91E-08	14	1.15E-02	6.28E-09	1,000,000	6.28E-03
129	5.17938	2.9306E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
130	5.05384	2.9306E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
131	4.84284	2.9306E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
132	4.56081	2.9306E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
133	4.49582	2.9306E-05	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
134	4.37376	2.9306E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
135	4.18782	2.9306E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.93E-09	1,000,000	4.93E-03
136	3.95087	2.9306E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.65E-09	1,000,000	4.65E-03
137	3.93847	2.9306E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
138	3.66063	2.9306E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.31E-09	1,000,000	4.31E-03
139	3.46046	2.9306E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
140	2.7735	2.9306E-05	8.13E-05	2.50E-04	2.03E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
141	2.68568	2.9306E-05	7.87E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
142	2.57604	2.9306E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
143	2.45052	2.9306E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
144	2.50002	2.9306E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
145	2.42061	2.9306E-05	7.09E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
146	2.32408	2.9306E-05	6.81E-05	2.50E-04	1.70E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
147	2.21525	2.9306E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
148	2.26605	2.9306E-05	6.64E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1,000,000	2.67E-03
149	2.19435	2.9306E-05	6.43E-05	2.50E-04	1.61E-08	14	1.15E-02	2.58E-09	1,000,000	2.58E-03
150	2.10907	2.9306E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
151	2.01413	2.9306E-05	5.90E-05	2.50E-04	1.48E-08	14	1.15E-02	2.37E-09	1,000,000	2.37E-03
152	2.0644	2.9306E-05	6.05E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.99967	2.9306E-05	5.86E-05	2.50E-04	1.47E-08	14	1.15E-02	2.36E-09	1,000,000	2.36E-03
154	1.92405	2.9306E-05	5.64E-05	2.50E-04	1.41E-08	14	1.15E-02	2.27E-09	1,000,000	2.27E-03
155	1.84075	2.9306E-05	5.39E-05	2.50E-04	1.35E-08	14	1.15E-02	2.17E-09	1,000,000	2.17E-03
156	1.88942	2.9306E-05	5.54E-05	2.50E-04	1.39E-08	14	1.15E-02	2.23E-09	1,000,000	2.23E-03
157	1.83092	2.9306E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
158	1.76361	2.9306E-05	5.17E-05	2.50E-04	1.29E-08	14	1.15E-02	2.08E-09	1,000,000	2.08E-03
159	1.69014	2.9306E-05	4.95E-05	2.50E-04	1.24E-08	14	1.15E-02	1.99E-09	1,000,000	1.99E-03
160	1.7366	2.9306E-05	5.09E-05	2.50E-04	1.27E-08	14	1.15E-02	2.05E-09	1,000,000	2.05E-03
161	1.68366	2.9306E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
162	1.62354	2.9306E-05	4.76E-05	2.50E-04	1.19E-08	14	1.15E-02	1.91E-09	1,000,000	1.91E-03
163	1.55854	2.9306E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
164	1.60237	2.9306E-05	4.70E-05	2.50E-04	1.18E-08	14	1.15E-02	1.89E-09	1,000,000	1.89E-03
165	1.55437	2.9306E-05	4.56E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
166	1.50092	2.9306E-05	4.40E-05	2.50E-04	1.10E-08	14	1.15E-02	1.77E-09	1,000,000	1.77E-03
167	1.44292	2.9306E-05	4.23E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
168	1.48381	2.9306E-05	4.35E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
169	1.44022	2.9306E-05	4.22E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
170	1.39215	2.9306E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
171	1.34022	2.9306E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
172	1.37858	2.9306E-05	4.04E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
173	1.33889	2.9306E-05	3.92E-05	2.50E-04	9.82E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
174	1.29546	2.9306E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
175	1.24883	2.9306E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
176	1.28473	2.9306E-05	3.76E-05	2.50E-04	9.42E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
177	1.24852	2.9306E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
178	1.20918	2.9306E-05	3.54E-05	2.50E-04	8.87E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
179	1.16712	2.9306E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
180	1.20066	2.9306E-05	3.52E-05	2.50E-04	8.81E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
181	1.1677	2.9306E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
182	1.13182	2.9306E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
183	1.09374	2.9306E-05	3.21E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
184	1.51451	2.9306E-05	4.44E-05	2.50E-04	1.11E-08	14	1.15E-02	1.78E-09	1,000,000	1.78E-03
185	1.21641	2.9306E-05	3.56E-05	2.50E-04	8.92E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.19314	2.9306E-05	3.50E-05	2.50E-04	8.75E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
187	1.16538	2.9306E-05	3.42E-05	2.50E-04	8.55E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
188	1.13417	2.9306E-05	3.32E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
189	1.15812	2.9306E-05	3.39E-05	2.50E-04	8.49E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
190	1.14085	2.9306E-05	3.34E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
191	1.119	2.9306E-05	3.28E-05	2.50E-04	8.21E-09	14	1.15E-02	1.32E-09	1,000,000	1.32E-03
192	1.09328	2.9306E-05	3.20E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
193	1.06472	2.9306E-05	3.12E-05	2.50E-04	7.81E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
194	1.08904	2.9306E-05	3.19E-05	2.50E-04	7.99E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
195	1.07244	2.9306E-05	3.14E-05	2.50E-04	7.87E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
196	1.05197	2.9306E-05	3.08E-05	2.50E-04	7.72E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
197	1.02834	2.9306E-05	3.01E-05	2.50E-04	7.54E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
198	1.00181	2.9306E-05	2.94E-05	2.50E-04	7.35E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
199	1.02614	2.9306E-05	3.01E-05	2.50E-04	7.53E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
200	1.01029	2.9306E-05	2.96E-05	2.50E-04	7.41E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
201	0.99118	2.9306E-05	2.90E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
202	0.96916	2.9306E-05	2.84E-05	2.50E-04	7.11E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
203	0.94467	2.9306E-05	2.77E-05	2.50E-04	6.93E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
204	0.99228	2.9306E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
205	0.96877	2.9306E-05	2.84E-05	2.50E-04	7.11E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
206	0.95366	2.9306E-05	2.79E-05	2.50E-04	6.99E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
207	0.93583	2.9306E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
208	0.91526	2.9306E-05	2.68E-05	2.50E-04	6.71E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
209	0.94133	2.9306E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
210	0.9405	2.9306E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
211	0.93594	2.9306E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
212	0.92773	2.9306E-05	2.72E-05	2.50E-04	6.80E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
213	0.91629	2.9306E-05	2.69E-05	2.50E-04	6.72E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
214	0.90207	2.9306E-05	2.64E-05	2.50E-04	6.62E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
215	0.88519	2.9306E-05	2.59E-05	2.50E-04	6.49E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
216	0.84666	2.9306E-05	2.48E-05	2.50E-04	6.21E-09	14	1.15E-02	9.97E-10	1,000,000	9.97E-04
217	0.8501	2.9306E-05	2.49E-05	2.50E-04	6.23E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
218	0.85085	2.9306E-05	2.49E-05	2.50E-04	6.24E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.84825	2.9306E-05	2.49E-05	2.50E-04	6.22E-09	14	1.15E-02	9.99E-10	1,000,000	9.99E-04
220	0.84291	2.9306E-05	2.47E-05	2.50E-04	6.18E-09	14	1.15E-02	9.93E-10	1,000,000	9.93E-04
221	0.83481	2.9306E-05	2.45E-05	2.50E-04	6.12E-09	14	1.15E-02	9.83E-10	1,000,000	9.83E-04
222	0.80807	2.9306E-05	2.37E-05	2.50E-04	5.93E-09	14	1.15E-02	9.52E-10	1,000,000	9.52E-04
223	0.81056	2.9306E-05	2.38E-05	2.50E-04	5.94E-09	14	1.15E-02	9.55E-10	1,000,000	9.55E-04
224	0.81026	2.9306E-05	2.37E-05	2.50E-04	5.94E-09	14	1.15E-02	9.54E-10	1,000,000	9.54E-04
225	0.80716	2.9306E-05	2.37E-05	2.50E-04	5.92E-09	14	1.15E-02	9.51E-10	1,000,000	9.51E-04
226	0.80167	2.9306E-05	2.35E-05	2.50E-04	5.88E-09	14	1.15E-02	9.44E-10	1,000,000	9.44E-04
227	0.77207	2.9306E-05	2.26E-05	2.50E-04	5.66E-09	14	1.15E-02	9.09E-10	1,000,000	9.09E-04
228	0.77365	2.9306E-05	2.27E-05	2.50E-04	5.67E-09	14	1.15E-02	9.11E-10	1,000,000	9.11E-04
229	0.77256	2.9306E-05	2.26E-05	2.50E-04	5.67E-09	14	1.15E-02	9.10E-10	1,000,000	9.10E-04
230	0.76922	2.9306E-05	2.25E-05	2.50E-04	5.64E-09	14	1.15E-02	9.06E-10	1,000,000	9.06E-04
231	0.73846	2.9306E-05	2.16E-05	2.50E-04	5.42E-09	14	1.15E-02	8.70E-10	1,000,000	8.70E-04
232	0.73907	2.9306E-05	2.17E-05	2.50E-04	5.42E-09	14	1.15E-02	8.71E-10	1,000,000	8.71E-04
233	0.73748	2.9306E-05	2.16E-05	2.50E-04	5.41E-09	14	1.15E-02	8.69E-10	1,000,000	8.69E-04
234	0.73384	2.9306E-05	2.15E-05	2.50E-04	5.38E-09	14	1.15E-02	8.64E-10	1,000,000	8.64E-04
235	0.70683	2.9306E-05	2.07E-05	2.50E-04	5.18E-09	14	1.15E-02	8.33E-10	1,000,000	8.33E-04
236	0.70677	2.9306E-05	2.07E-05	2.50E-04	5.18E-09	14	1.15E-02	8.33E-10	1,000,000	8.33E-04
237	0.70485	2.9306E-05	2.07E-05	2.50E-04	5.17E-09	14	1.15E-02	8.30E-10	1,000,000	8.30E-04
238	0.70091	2.9306E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.26E-10	1,000,000	8.26E-04
239	0.67715	2.9306E-05	1.98E-05	2.50E-04	4.97E-09	14	1.15E-02	7.98E-10	1,000,000	7.98E-04
240	0.6766	2.9306E-05	1.98E-05	2.50E-04	4.96E-09	14	1.15E-02	7.97E-10	1,000,000	7.97E-04
241	0.67434	2.9306E-05	1.98E-05	2.50E-04	4.95E-09	14	1.15E-02	7.94E-10	1,000,000	7.94E-04
242	0.67024	2.9306E-05	1.96E-05	2.50E-04	4.92E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
243	0.61099	2.9306E-05	1.79E-05	2.50E-04	4.48E-09	14	1.15E-02	7.20E-10	1,000,000	7.20E-04
244	0.62331	2.9306E-05	1.83E-05	2.50E-04	4.57E-09	14	1.15E-02	7.34E-10	1,000,000	7.34E-04
245	0.6341	2.9306E-05	1.86E-05	2.50E-04	4.65E-09	14	1.15E-02	7.47E-10	1,000,000	7.47E-04
246	0.6433	2.9306E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.58E-10	1,000,000	7.58E-04
247	0.65102	2.9306E-05	1.91E-05	2.50E-04	4.77E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04
248	0.65671	2.9306E-05	1.92E-05	2.50E-04	4.82E-09	14	1.15E-02	7.74E-10	1,000,000	7.74E-04
249	0.66065	2.9306E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.78E-10	1,000,000	7.78E-04
250	0.59182	2.9306E-05	1.73E-05	2.50E-04	4.34E-09	14	1.15E-02	6.97E-10	1,000,000	6.97E-04
251	0.60273	2.9306E-05	1.77E-05	2.50E-04	4.42E-09	14	1.15E-02	7.10E-10	1,000,000	7.10E-04

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.6122	2.9306E-05	1.79E-05	2.50E-04	4.49E-09	14	1.15E-02	7.21E-10	1,000,000	7.21E-04
253	0.62017	2.9306E-05	1.82E-05	2.50E-04	4.55E-09	14	1.15E-02	7.31E-10	1,000,000	7.31E-04
254	0.62678	2.9306E-05	1.84E-05	2.50E-04	4.60E-09	14	1.15E-02	7.38E-10	1,000,000	7.38E-04
255	0.63152	2.9306E-05	1.85E-05	2.50E-04	4.63E-09	14	1.15E-02	7.44E-10	1,000,000	7.44E-04
256	0.63481	2.9306E-05	1.86E-05	2.50E-04	4.66E-09	14	1.15E-02	7.48E-10	1,000,000	7.48E-04
257	0.57329	2.9306E-05	1.68E-05	2.50E-04	4.20E-09	14	1.15E-02	6.75E-10	1,000,000	6.75E-04
258	0.58294	2.9306E-05	1.71E-05	2.50E-04	4.28E-09	14	1.15E-02	6.87E-10	1,000,000	6.87E-04
259	0.59123	2.9306E-05	1.73E-05	2.50E-04	4.34E-09	14	1.15E-02	6.96E-10	1,000,000	6.96E-04
260	0.59811	2.9306E-05	1.75E-05	2.50E-04	4.39E-09	14	1.15E-02	7.05E-10	1,000,000	7.05E-04
261	0.60374	2.9306E-05	1.77E-05	2.50E-04	4.43E-09	14	1.15E-02	7.11E-10	1,000,000	7.11E-04
262	0.60767	2.9306E-05	1.78E-05	2.50E-04	4.46E-09	14	1.15E-02	7.16E-10	1,000,000	7.16E-04
263	0.61021	2.9306E-05	1.79E-05	2.50E-04	4.48E-09	14	1.15E-02	7.19E-10	1,000,000	7.19E-04
264	0.55511	2.9306E-05	1.63E-05	2.50E-04	4.07E-09	14	1.15E-02	6.54E-10	1,000,000	6.54E-04
265	0.56387	2.9306E-05	1.65E-05	2.50E-04	4.14E-09	14	1.15E-02	6.64E-10	1,000,000	6.64E-04
266	0.57117	2.9306E-05	1.67E-05	2.50E-04	4.19E-09	14	1.15E-02	6.73E-10	1,000,000	6.73E-04
267	0.57709	2.9306E-05	1.69E-05	2.50E-04	4.23E-09	14	1.15E-02	6.80E-10	1,000,000	6.80E-04
268	0.58165	2.9306E-05	1.70E-05	2.50E-04	4.27E-09	14	1.15E-02	6.85E-10	1,000,000	6.85E-04
269	0.58494	2.9306E-05	1.71E-05	2.50E-04	4.29E-09	14	1.15E-02	6.89E-10	1,000,000	6.89E-04
270	0.58693	2.9306E-05	1.72E-05	2.50E-04	4.30E-09	14	1.15E-02	6.91E-10	1,000,000	6.91E-04
271	0.53786	2.9306E-05	1.58E-05	2.50E-04	3.94E-09	14	1.15E-02	6.34E-10	1,000,000	6.34E-04
272	0.54561	2.9306E-05	1.60E-05	2.50E-04	4.00E-09	14	1.15E-02	6.43E-10	1,000,000	6.43E-04
273	0.55199	2.9306E-05	1.62E-05	2.50E-04	4.05E-09	14	1.15E-02	6.50E-10	1,000,000	6.50E-04
274	0.55708	2.9306E-05	1.63E-05	2.50E-04	4.09E-09	14	1.15E-02	6.56E-10	1,000,000	6.56E-04
275	0.56091	2.9306E-05	1.64E-05	2.50E-04	4.11E-09	14	1.15E-02	6.61E-10	1,000,000	6.61E-04
276	0.56347	2.9306E-05	1.65E-05	2.50E-04	4.13E-09	14	1.15E-02	6.64E-10	1,000,000	6.64E-04
277	0.56502	2.9306E-05	1.66E-05	2.50E-04	4.14E-09	14	1.15E-02	6.66E-10	1,000,000	6.66E-04
278	0.40049	2.9306E-05	1.17E-05	2.50E-04	2.94E-09	14	1.15E-02	4.72E-10	1,000,000	4.72E-04
279	0.40854	2.9306E-05	1.20E-05	2.50E-04	3.00E-09	14	1.15E-02	4.81E-10	1,000,000	4.81E-04
280	0.42913	2.9306E-05	1.26E-05	2.50E-04	3.15E-09	14	1.15E-02	5.05E-10	1,000,000	5.05E-04
281	0.42673	2.9306E-05	1.25E-05	2.50E-04	3.13E-09	14	1.15E-02	5.03E-10	1,000,000	5.03E-04
282	0.44615	2.9306E-05	1.31E-05	2.50E-04	3.27E-09	14	1.15E-02	5.26E-10	1,000,000	5.26E-04
283	0.40868	2.9306E-05	1.20E-05	2.50E-04	3.00E-09	14	1.15E-02	4.81E-10	1,000,000	4.81E-04

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	1.16028	2.9306E-05	3.40E-05	2.50E-04	8.51E-09	30	1.15E-02	2.93E-09	1,000,000	2.93E-03
27	1.22306	2.9306E-05	3.58E-05	2.50E-04	8.97E-09	30	1.15E-02	3.09E-09	1,000,000	3.09E-03
28	1.29166	2.9306E-05	3.79E-05	2.50E-04	9.47E-09	30	1.15E-02	3.26E-09	1,000,000	3.26E-03
29	1.36671	2.9306E-05	4.01E-05	2.50E-04	1.00E-08	30	1.15E-02	3.45E-09	1,000,000	3.45E-03
30	1.44889	2.9306E-05	4.25E-05	2.50E-04	1.06E-08	30	1.15E-02	3.66E-09	1,000,000	3.66E-03
31	1.53889	2.9306E-05	4.51E-05	2.50E-04	1.13E-08	30	1.15E-02	3.88E-09	1,000,000	3.88E-03
32	1.63742	2.9306E-05	4.80E-05	2.50E-04	1.20E-08	30	1.15E-02	4.13E-09	1,000,000	4.13E-03
33	1.74516	2.9306E-05	5.11E-05	2.50E-04	1.28E-08	30	1.15E-02	4.40E-09	1,000,000	4.40E-03
34	1.86272	2.9306E-05	5.46E-05	2.50E-04	1.37E-08	30	1.15E-02	4.70E-09	1,000,000	4.70E-03
35	1.99249	2.9306E-05	5.84E-05	2.50E-04	1.46E-08	30	1.15E-02	5.03E-09	1,000,000	5.03E-03
36	2.13318	2.9306E-05	6.25E-05	2.50E-04	1.56E-08	30	1.15E-02	5.38E-09	1,000,000	5.38E-03
37	1.15665	2.9306E-05	3.39E-05	2.50E-04	8.48E-09	30	1.15E-02	2.92E-09	1,000,000	2.92E-03
38	1.21916	2.9306E-05	3.57E-05	2.50E-04	8.94E-09	30	1.15E-02	3.08E-09	1,000,000	3.08E-03
39	1.28733	2.9306E-05	3.77E-05	2.50E-04	9.44E-09	30	1.15E-02	3.25E-09	1,000,000	3.25E-03
40	1.36174	2.9306E-05	3.99E-05	2.50E-04	9.99E-09	30	1.15E-02	3.44E-09	1,000,000	3.44E-03
41	1.44296	2.9306E-05	4.23E-05	2.50E-04	1.06E-08	30	1.15E-02	3.64E-09	1,000,000	3.64E-03
42	1.53159	2.9306E-05	4.49E-05	2.50E-04	1.12E-08	30	1.15E-02	3.87E-09	1,000,000	3.87E-03
43	1.62821	2.9306E-05	4.77E-05	2.50E-04	1.19E-08	30	1.15E-02	4.11E-09	1,000,000	4.11E-03
44	1.73334	2.9306E-05	5.08E-05	2.50E-04	1.27E-08	30	1.15E-02	4.38E-09	1,000,000	4.38E-03
45	1.84743	2.9306E-05	5.41E-05	2.50E-04	1.35E-08	30	1.15E-02	4.66E-09	1,000,000	4.66E-03
46	1.9726	2.9306E-05	5.78E-05	2.50E-04	1.45E-08	30	1.15E-02	4.98E-09	1,000,000	4.98E-03
47	2.10743	2.9306E-05	6.18E-05	2.50E-04	1.55E-08	30	1.15E-02	5.32E-09	1,000,000	5.32E-03
48	1.15313	2.9306E-05	3.38E-05	2.50E-04	8.46E-09	30	1.15E-02	2.91E-09	1,000,000	2.91E-03
49	1.21529	2.9306E-05	3.56E-05	2.50E-04	8.91E-09	30	1.15E-02	3.07E-09	1,000,000	3.07E-03
50	1.28292	2.9306E-05	3.76E-05	2.50E-04	9.41E-09	30	1.15E-02	3.24E-09	1,000,000	3.24E-03
51	1.35652	2.9306E-05	3.98E-05	2.50E-04	9.95E-09	30	1.15E-02	3.42E-09	1,000,000	3.42E-03
52	1.4366	2.9306E-05	4.21E-05	2.50E-04	1.05E-08	30	1.15E-02	3.63E-09	1,000,000	3.63E-03
53	1.52365	2.9306E-05	4.47E-05	2.50E-04	1.12E-08	30	1.15E-02	3.85E-09	1,000,000	3.85E-03
54	1.61813	2.9306E-05	4.74E-05	2.50E-04	1.19E-08	30	1.15E-02	4.08E-09	1,000,000	4.08E-03
55	1.72041	2.9306E-05	5.04E-05	2.50E-04	1.26E-08	30	1.15E-02	4.34E-09	1,000,000	4.34E-03
56	1.83079	2.9306E-05	5.37E-05	2.50E-04	1.34E-08	30	1.15E-02	4.62E-09	1,000,000	4.62E-03
57	1.95117	2.9306E-05	5.72E-05	2.50E-04	1.43E-08	30	1.15E-02	4.92E-09	1,000,000	4.92E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	2.08	2.9306E-05	6.10E-05	2.50E-04	1.53E-08	30	1.15E-02	5.25E-09	1,000,000	5.25E-03
59	1.14965	2.9306E-05	3.37E-05	2.50E-04	8.43E-09	30	1.15E-02	2.90E-09	1,000,000	2.90E-03
60	1.21135	2.9306E-05	3.55E-05	2.50E-04	8.88E-09	30	1.15E-02	3.06E-09	1,000,000	3.06E-03
61	1.27831	2.9306E-05	3.75E-05	2.50E-04	9.38E-09	30	1.15E-02	3.23E-09	1,000,000	3.23E-03
62	1.35096	2.9306E-05	3.96E-05	2.50E-04	9.91E-09	30	1.15E-02	3.41E-09	1,000,000	3.41E-03
63	1.42972	2.9306E-05	4.19E-05	2.50E-04	1.05E-08	30	1.15E-02	3.61E-09	1,000,000	3.61E-03
64	1.51499	2.9306E-05	4.44E-05	2.50E-04	1.11E-08	30	1.15E-02	3.82E-09	1,000,000	3.82E-03
65	1.6071	2.9306E-05	4.71E-05	2.50E-04	1.18E-08	30	1.15E-02	4.06E-09	1,000,000	4.06E-03
66	1.70632	2.9306E-05	5.00E-05	2.50E-04	1.25E-08	30	1.15E-02	4.31E-09	1,000,000	4.31E-03
67	1.81281	2.9306E-05	5.31E-05	2.50E-04	1.33E-08	30	1.15E-02	4.58E-09	1,000,000	4.58E-03
68	1.92827	2.9306E-05	5.65E-05	2.50E-04	1.41E-08	30	1.15E-02	4.87E-09	1,000,000	4.87E-03
69	2.05106	2.9306E-05	6.01E-05	2.50E-04	1.50E-08	30	1.15E-02	5.18E-09	1,000,000	5.18E-03
70	1.14613	2.9306E-05	3.36E-05	2.50E-04	8.41E-09	30	1.15E-02	2.89E-09	1,000,000	2.89E-03
71	1.20726	2.9306E-05	3.54E-05	2.50E-04	8.85E-09	30	1.15E-02	3.05E-09	1,000,000	3.05E-03
72	1.27341	2.9306E-05	3.73E-05	2.50E-04	9.34E-09	30	1.15E-02	3.21E-09	1,000,000	3.21E-03
73	1.34495	2.9306E-05	3.94E-05	2.50E-04	9.86E-09	30	1.15E-02	3.39E-09	1,000,000	3.39E-03
74	1.42222	2.9306E-05	4.17E-05	2.50E-04	1.04E-08	30	1.15E-02	3.59E-09	1,000,000	3.59E-03
75	1.50552	2.9306E-05	4.41E-05	2.50E-04	1.10E-08	30	1.15E-02	3.80E-09	1,000,000	3.80E-03
76	1.59508	2.9306E-05	4.67E-05	2.50E-04	1.17E-08	30	1.15E-02	4.03E-09	1,000,000	4.03E-03
77	1.69107	2.9306E-05	4.96E-05	2.50E-04	1.24E-08	30	1.15E-02	4.27E-09	1,000,000	4.27E-03
78	1.79354	2.9306E-05	5.26E-05	2.50E-04	1.32E-08	30	1.15E-02	4.53E-09	1,000,000	4.53E-03
79	1.90398	2.9306E-05	5.58E-05	2.50E-04	1.40E-08	30	1.15E-02	4.81E-09	1,000,000	4.81E-03
80	2.02075	2.9306E-05	5.92E-05	2.50E-04	1.48E-08	30	1.15E-02	5.10E-09	1,000,000	5.10E-03
81	1.14248	2.9306E-05	3.35E-05	2.50E-04	8.38E-09	30	1.15E-02	2.88E-09	1,000,000	2.88E-03
82	1.20293	2.9306E-05	3.53E-05	2.50E-04	8.82E-09	30	1.15E-02	3.04E-09	1,000,000	3.04E-03
83	1.26814	2.9306E-05	3.72E-05	2.50E-04	9.30E-09	30	1.15E-02	3.20E-09	1,000,000	3.20E-03
84	1.33843	2.9306E-05	3.92E-05	2.50E-04	9.82E-09	30	1.15E-02	3.38E-09	1,000,000	3.38E-03
85	1.41404	2.9306E-05	4.14E-05	2.50E-04	1.04E-08	30	1.15E-02	3.57E-09	1,000,000	3.57E-03
86	1.49521	2.9306E-05	4.38E-05	2.50E-04	1.10E-08	30	1.15E-02	3.77E-09	1,000,000	3.77E-03
87	1.58207	2.9306E-05	4.64E-05	2.50E-04	1.16E-08	30	1.15E-02	3.99E-09	1,000,000	3.99E-03
88	1.67469	2.9306E-05	4.91E-05	2.50E-04	1.23E-08	30	1.15E-02	4.23E-09	1,000,000	4.23E-03
89	1.77303	2.9306E-05	5.20E-05	2.50E-04	1.30E-08	30	1.15E-02	4.48E-09	1,000,000	4.48E-03
90	1.87844	2.9306E-05	5.50E-05	2.50E-04	1.38E-08	30	1.15E-02	4.74E-09	1,000,000	4.74E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Cancer Risk From Hul1A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	1.98923	2.9306E-05	5.83E-05	2.50E-04	1.46E-08	30	1.15E-02	5.02E-09	1,000,000	5.02E-03
92	1.13864	2.9306E-05	3.34E-05	2.50E-04	8.35E-09	30	1.15E-02	2.87E-09	1,000,000	2.87E-03
93	1.19829	2.9306E-05	3.51E-05	2.50E-04	8.79E-09	30	1.15E-02	3.02E-09	1,000,000	3.02E-03
94	1.26244	2.9306E-05	3.70E-05	2.50E-04	9.26E-09	30	1.15E-02	3.19E-09	1,000,000	3.19E-03
95	1.33132	2.9306E-05	3.90E-05	2.50E-04	9.76E-09	30	1.15E-02	3.36E-09	1,000,000	3.36E-03
96	1.40514	2.9306E-05	4.12E-05	2.50E-04	1.03E-08	30	1.15E-02	3.55E-09	1,000,000	3.55E-03
97	1.48403	2.9306E-05	4.35E-05	2.50E-04	1.09E-08	30	1.15E-02	3.75E-09	1,000,000	3.75E-03
98	1.56805	2.9306E-05	4.60E-05	2.50E-04	1.15E-08	30	1.15E-02	3.96E-09	1,000,000	3.96E-03
99	1.65721	2.9306E-05	4.86E-05	2.50E-04	1.22E-08	30	1.15E-02	4.18E-09	1,000,000	4.18E-03
100	1.75137	2.9306E-05	5.13E-05	2.50E-04	1.28E-08	30	1.15E-02	4.42E-09	1,000,000	4.42E-03
101	1.85176	2.9306E-05	5.43E-05	2.50E-04	1.36E-08	30	1.15E-02	4.67E-09	1,000,000	4.67E-03
102	1.95668	2.9306E-05	5.73E-05	2.50E-04	1.44E-08	30	1.15E-02	4.94E-09	1,000,000	4.94E-03
103	1.32363	2.9306E-05	3.88E-05	2.50E-04	9.71E-09	30	1.15E-02	3.34E-09	1,000,000	3.34E-03
104	1.39489	2.9306E-05	4.09E-05	2.50E-04	1.02E-08	30	1.15E-02	3.52E-09	1,000,000	3.52E-03
105	1.47403	2.9306E-05	4.32E-05	2.50E-04	1.08E-08	30	1.15E-02	3.72E-09	1,000,000	3.72E-03
106	1.55654	2.9306E-05	4.56E-05	2.50E-04	1.14E-08	30	1.15E-02	3.93E-09	1,000,000	3.93E-03
107	1.63868	2.9306E-05	4.80E-05	2.50E-04	1.20E-08	30	1.15E-02	4.14E-09	1,000,000	4.14E-03
108	1.72864	2.9306E-05	5.07E-05	2.50E-04	1.27E-08	30	1.15E-02	4.36E-09	1,000,000	4.36E-03
109	1.82407	2.9306E-05	5.35E-05	2.50E-04	1.34E-08	30	1.15E-02	4.60E-09	1,000,000	4.60E-03
110	1.92326	2.9306E-05	5.64E-05	2.50E-04	1.41E-08	30	1.15E-02	4.85E-09	1,000,000	4.85E-03
111	1.25798	2.9306E-05	3.69E-05	2.50E-04	9.23E-09	30	1.15E-02	3.18E-09	1,000,000	3.18E-03
112	1.188	2.9306E-05	3.48E-05	2.50E-04	8.71E-09	30	1.15E-02	3.00E-09	1,000,000	3.00E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	4.7E-03	School	0.0178	36	5	4.20E-06	0.00004	36	School
2	4.9E-03	Res	0.2039	114	5	4.37E-06	0.0002	114	Res
3	5.1E-03	Teachers	0.005	36	5	4.56E-06	0.00004	36	Teachers
4	5.4E-03				5	4.75E-06			
5	5.6E-03				5	4.96E-06			
6	4.7E-03				5	4.20E-06			
7	4.9E-03				5	4.36E-06			
8	5.1E-03				5	4.55E-06			
9	5.4E-03				5	4.75E-06			
10	5.6E-03				5	4.96E-06			
11	4.7E-03				5	4.19E-06			
12	4.9E-03				5	4.36E-06			
13	5.1E-03				5	4.54E-06			
14	5.4E-03				5	4.74E-06			
15	5.6E-03				5	4.95E-06			
16	4.7E-03				5	4.18E-06			
17	4.9E-03				5	4.35E-06			
18	5.1E-03				5	4.53E-06			
19	5.3E-03				5	4.73E-06			
20	5.6E-03				5	4.94E-06			
21	4.7E-03				5	4.17E-06			
22	4.9E-03				5	4.34E-06			
23	5.1E-03				5	4.53E-06			
24	5.3E-03				5	4.72E-06			
25	5.6E-03				5	4.93E-06			
113	2.0E-01				5	1.81E-04			
114	2.0E-01				5	1.81E-04			
115	2.0E-01				5	1.76E-04			
116	1.9E-01				5	1.66E-04			
117	1.7E-01				5	1.49E-04			
118	1.7E-01				5	1.48E-04			
119	1.6E-01				5	1.43E-04			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-01				5	1.35E-04		
121	1.4E-01				5	1.25E-04		
122	1.4E-01				5	1.23E-04		
123	1.3E-01				5	1.18E-04		
124	1.3E-01				5	1.11E-04		
125	1.2E-01				5	1.06E-04		
126	1.2E-01				5	1.04E-04		
127	1.1E-01				5	9.97E-05		
128	1.1E-01				5	9.38E-05		
129	1.0E-01				5	9.11E-05		
130	1.0E-01				5	8.89E-05		
131	9.6E-02				5	8.52E-05		
132	9.1E-02				5	8.02E-05		
133	8.9E-02				5	7.91E-05		
134	8.7E-02				5	7.69E-05		
135	8.3E-02				5	7.36E-05		
136	7.8E-02				5	6.95E-05		
137	7.8E-02				5	6.93E-05		
138	7.3E-02				5	6.44E-05		
139	6.9E-02				5	6.08E-05		
140	5.5E-02				5	4.88E-05		
141	5.3E-02				5	4.72E-05		
142	5.1E-02				5	4.53E-05		
143	4.9E-02				5	4.31E-05		
144	5.0E-02				5	4.40E-05		
145	4.8E-02				5	4.26E-05		
146	4.6E-02				5	4.09E-05		
147	4.4E-02				5	3.90E-05		
148	4.5E-02				5	3.98E-05		
149	4.4E-02				5	3.86E-05		
150	4.2E-02				5	3.71E-05		
151	4.0E-02				5	3.54E-05		
152	4.1E-02				5	3.63E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	4.0E-02				5	3.52E-05		
154	3.8E-02				5	3.38E-05		
155	3.7E-02				5	3.24E-05		
156	3.8E-02				5	3.32E-05		
157	3.6E-02				5	3.22E-05		
158	3.5E-02				5	3.10E-05		
159	3.4E-02				5	2.97E-05		
160	3.4E-02				5	3.05E-05		
161	3.3E-02				5	2.96E-05		
162	3.2E-02				5	2.85E-05		
163	3.1E-02				5	2.74E-05		
164	3.2E-02				5	2.82E-05		
165	3.1E-02				5	2.73E-05		
166	3.0E-02				5	2.64E-05		
167	2.9E-02				5	2.54E-05		
168	2.9E-02				5	2.61E-05		
169	2.9E-02				5	2.53E-05		
170	2.8E-02				5	2.45E-05		
171	2.7E-02				5	2.36E-05		
172	2.7E-02				5	2.42E-05		
173	2.7E-02				5	2.35E-05		
174	2.6E-02				5	2.28E-05		
175	2.5E-02				5	2.20E-05		
176	2.6E-02				5	2.26E-05		
177	2.5E-02				5	2.20E-05		
178	2.4E-02				5	2.13E-05		
179	2.3E-02				5	2.05E-05		
180	2.4E-02				5	2.11E-05		
181	2.3E-02				5	2.05E-05		
182	2.2E-02				5	1.99E-05		
183	2.2E-02				5	1.92E-05		
184	3.0E-02				5	2.66E-05		
185	2.4E-02				5	2.14E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	2.4E-02				5	2.10E-05		
187	2.3E-02				5	2.05E-05		
188	2.3E-02				5	1.99E-05		
189	2.3E-02				5	2.04E-05		
190	2.3E-02				5	2.01E-05		
191	2.2E-02				5	1.97E-05		
192	2.2E-02				5	1.92E-05		
193	2.1E-02				5	1.87E-05		
194	2.2E-02				5	1.91E-05		
195	2.1E-02				5	1.89E-05		
196	2.1E-02				5	1.85E-05		
197	2.0E-02				5	1.81E-05		
198	2.0E-02				5	1.76E-05		
199	2.0E-02				5	1.80E-05		
200	2.0E-02				5	1.78E-05		
201	2.0E-02				5	1.74E-05		
202	1.9E-02				5	1.70E-05		
203	1.9E-02				5	1.66E-05		
204	2.0E-02				5	1.74E-05		
205	1.9E-02				5	1.70E-05		
206	1.9E-02				5	1.68E-05		
207	1.9E-02				5	1.65E-05		
208	1.8E-02				5	1.61E-05		
209	1.9E-02				5	1.66E-05		
210	1.9E-02				5	1.65E-05		
211	1.9E-02				5	1.65E-05		
212	1.8E-02				5	1.63E-05		
213	1.8E-02				5	1.61E-05		
214	1.8E-02				5	1.59E-05		
215	1.8E-02				5	1.56E-05		
216	1.7E-02				5	1.49E-05		
217	1.7E-02				5	1.49E-05		
218	1.7E-02				5	1.50E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.7E-02				5	1.49E-05		
220	1.7E-02				5	1.48E-05		
221	1.7E-02				5	1.47E-05		
222	1.6E-02				5	1.42E-05		
223	1.6E-02				5	1.43E-05		
224	1.6E-02				5	1.42E-05		
225	1.6E-02				5	1.42E-05		
226	1.6E-02				5	1.41E-05		
227	1.5E-02				5	1.36E-05		
228	1.5E-02				5	1.36E-05		
229	1.5E-02				5	1.36E-05		
230	1.5E-02				5	1.35E-05		
231	1.5E-02				5	1.30E-05		
232	1.5E-02				5	1.30E-05		
233	1.5E-02				5	1.30E-05		
234	1.5E-02				5	1.29E-05		
235	1.4E-02				5	1.24E-05		
236	1.4E-02				5	1.24E-05		
237	1.4E-02				5	1.24E-05		
238	1.4E-02				5	1.23E-05		
239	1.3E-02				5	1.19E-05		
240	1.3E-02				5	1.19E-05		
241	1.3E-02				5	1.19E-05		
242	1.3E-02				5	1.18E-05		
243	1.2E-02				5	1.07E-05		
244	1.2E-02				5	1.10E-05		
245	1.3E-02				5	1.11E-05		
246	1.3E-02				5	1.13E-05		
247	1.3E-02				5	1.14E-05		
248	1.3E-02				5	1.15E-05		
249	1.3E-02				5	1.16E-05		
250	1.2E-02				5	1.04E-05		
251	1.2E-02				5	1.06E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.2E-02				5	1.08E-05		
253	1.2E-02				5	1.09E-05		
254	1.2E-02				5	1.10E-05		
255	1.3E-02				5	1.11E-05		
256	1.3E-02				5	1.12E-05		
257	1.1E-02				5	1.01E-05		
258	1.2E-02				5	1.03E-05		
259	1.2E-02				5	1.04E-05		
260	1.2E-02				5	1.05E-05		
261	1.2E-02				5	1.06E-05		
262	1.2E-02				5	1.07E-05		
263	1.2E-02				5	1.07E-05		
264	1.1E-02				5	9.76E-06		
265	1.1E-02				5	9.91E-06		
266	1.1E-02				5	1.00E-05		
267	1.1E-02				5	1.01E-05		
268	1.2E-02				5	1.02E-05		
269	1.2E-02				5	1.03E-05		
270	1.2E-02				5	1.03E-05		
271	1.1E-02				5	9.46E-06		
272	1.1E-02				5	9.59E-06		
273	1.1E-02				5	9.71E-06		
274	1.1E-02				5	9.80E-06		
275	1.1E-02				5	9.86E-06		
276	1.1E-02				5	9.91E-06		
277	1.1E-02				5	9.93E-06		
278	8.0E-03				5	7.04E-06		
279	8.1E-03				5	7.18E-06		
280	8.5E-03				5	7.55E-06		
281	8.5E-03				5	7.50E-06		
282	8.9E-03				5	7.84E-06		
283	8.1E-03				5	7.19E-06		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	9.7E-03	2.9E-03			5	2.04E-05		
27	1.0E-02	3.1E-03			5	2.15E-05		
28	1.1E-02	3.3E-03			5	2.27E-05		
29	1.1E-02	3.4E-03			5	2.40E-05		
30	1.2E-02	3.7E-03			5	2.55E-05		
31	1.3E-02	3.9E-03			5	2.71E-05		
32	1.4E-02	4.1E-03			5	2.88E-05		
33	1.5E-02	4.4E-03			5	3.07E-05		
34	1.6E-02	4.7E-03			5	3.28E-05		
35	1.7E-02	5.0E-03			5	3.50E-05		
36	1.8E-02	5.4E-03			5	3.75E-05		
37	9.7E-03	2.9E-03			5	2.03E-05		
38	1.0E-02	3.1E-03			5	2.14E-05		
39	1.1E-02	3.2E-03			5	2.26E-05		
40	1.1E-02	3.4E-03			5	2.39E-05		
41	1.2E-02	3.6E-03			5	2.54E-05		
42	1.3E-02	3.9E-03			5	2.69E-05		
43	1.4E-02	4.1E-03			5	2.86E-05		
44	1.4E-02	4.4E-03			5	3.05E-05		
45	1.5E-02	4.7E-03			5	3.25E-05		
46	1.6E-02	5.0E-03			5	3.47E-05		
47	1.8E-02	5.3E-03			5	3.71E-05		
48	9.6E-03	2.9E-03			5	2.03E-05		
49	1.0E-02	3.1E-03			5	2.14E-05		
50	1.1E-02	3.2E-03			5	2.26E-05		
51	1.1E-02	3.4E-03			5	2.39E-05		
52	1.2E-02	3.6E-03			5	2.53E-05		
53	1.3E-02	3.8E-03			5	2.68E-05		
54	1.4E-02	4.1E-03			5	2.85E-05		
55	1.4E-02	4.3E-03			5	3.03E-05		
56	1.5E-02	4.6E-03			5	3.22E-05		
57	1.6E-02	4.9E-03			5	3.43E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.7E-02	5.3E-03			5	3.66E-05		
59	9.6E-03	2.9E-03			5	2.02E-05		
60	1.0E-02	3.1E-03			5	2.13E-05		
61	1.1E-02	3.2E-03			5	2.25E-05		
62	1.1E-02	3.4E-03			5	2.38E-05		
63	1.2E-02	3.6E-03			5	2.51E-05		
64	1.3E-02	3.8E-03			5	2.66E-05		
65	1.3E-02	4.1E-03			5	2.83E-05		
66	1.4E-02	4.3E-03			5	3.00E-05		
67	1.5E-02	4.6E-03			5	3.19E-05		
68	1.6E-02	4.9E-03			5	3.39E-05		
69	1.7E-02	5.2E-03			5	3.61E-05		
70	9.6E-03	2.9E-03			5	2.02E-05		
71	1.0E-02	3.0E-03			5	2.12E-05		
72	1.1E-02	3.2E-03			5	2.24E-05		
73	1.1E-02	3.4E-03			5	2.36E-05		
74	1.2E-02	3.6E-03			5	2.50E-05		
75	1.3E-02	3.8E-03			5	2.65E-05		
76	1.3E-02	4.0E-03			5	2.80E-05		
77	1.4E-02	4.3E-03			5	2.97E-05		
78	1.5E-02	4.5E-03			5	3.15E-05		
79	1.6E-02	4.8E-03			5	3.35E-05		
80	1.7E-02	5.1E-03			5	3.55E-05		
81	9.6E-03	2.9E-03			5	2.01E-05		
82	1.0E-02	3.0E-03			5	2.12E-05		
83	1.1E-02	3.2E-03			5	2.23E-05		
84	1.1E-02	3.4E-03			5	2.35E-05		
85	1.2E-02	3.6E-03			5	2.49E-05		
86	1.2E-02	3.8E-03			5	2.63E-05		
87	1.3E-02	4.0E-03			5	2.78E-05		
88	1.4E-02	4.2E-03			5	2.94E-05		
89	1.5E-02	4.5E-03			5	3.12E-05		
90	1.6E-02	4.7E-03			5	3.30E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	1.7E-02	5.0E-03			5	3.50E-05		
92	9.5E-03	2.9E-03			5	2.00E-05		
93	1.0E-02	3.0E-03			5	2.11E-05		
94	1.1E-02	3.2E-03			5	2.22E-05		
95	1.1E-02	3.4E-03			5	2.34E-05		
96	1.2E-02	3.5E-03			5	2.47E-05		
97	1.2E-02	3.7E-03			5	2.61E-05		
98	1.3E-02	4.0E-03			5	2.76E-05		
99	1.4E-02	4.2E-03			5	2.91E-05		
100	1.5E-02	4.4E-03			5	3.08E-05		
101	1.5E-02	4.7E-03			5	3.26E-05		
102	1.6E-02	4.9E-03			5	3.44E-05		
103	1.1E-02	3.3E-03			5	2.33E-05		
104	1.2E-02	3.5E-03			5	2.45E-05		
105	1.2E-02	3.7E-03			5	2.59E-05		
106	1.3E-02	3.9E-03			5	2.74E-05		
107	1.4E-02	4.1E-03			5	2.88E-05		
108	1.4E-02	4.4E-03			5	3.04E-05		
109	1.5E-02	4.6E-03			5	3.21E-05		
110	1.6E-02	4.9E-03			5	3.38E-05		
111	1.1E-02	3.2E-03			5	2.21E-05		
112	9.9E-03	3.0E-03			5	2.09E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	**3.96E-05**	1.35E-05	1.05E-03	1.42E-08	1.45	1.57E-01	3.22E-09	1,000,000	3.22E-03
2	0.35954	3.96E-05	1.4238E-05	1.05E-03	1.49E-08	1.45	1.57E-01	3.39E-09	1,000,000	3.39E-03
3	0.37904	3.96E-05	1.501E-05	1.05E-03	1.57E-08	1.45	1.57E-01	3.57E-09	1,000,000	3.57E-03
4	0.39988	3.96E-05	1.5835E-05	1.05E-03	1.66E-08	1.45	1.57E-01	3.77E-09	1,000,000	3.77E-03
5	0.4228	3.96E-05	1.6743E-05	1.05E-03	1.75E-08	1.45	1.57E-01	3.99E-09	1,000,000	3.99E-03
6	0.34148	3.96E-05	1.3523E-05	1.05E-03	1.41E-08	1.45	1.57E-01	3.22E-09	1,000,000	3.22E-03
7	0.35901	3.96E-05	1.4217E-05	1.05E-03	1.49E-08	1.45	1.57E-01	3.39E-09	1,000,000	3.39E-03
8	0.37818	3.96E-05	1.4976E-05	1.05E-03	1.57E-08	1.45	1.57E-01	3.57E-09	1,000,000	3.57E-03
9	0.39947	3.96E-05	1.5819E-05	1.05E-03	1.65E-08	1.45	1.57E-01	3.77E-09	1,000,000	3.77E-03
10	0.42213	3.96E-05	1.6716E-05	1.05E-03	1.75E-08	1.45	1.57E-01	3.98E-09	1,000,000	3.98E-03
11	0.34078	3.96E-05	1.3495E-05	1.05E-03	1.41E-08	1.45	1.57E-01	3.21E-09	1,000,000	3.21E-03
12	0.35833	3.96E-05	1.419E-05	1.05E-03	1.48E-08	1.45	1.57E-01	3.38E-09	1,000,000	3.38E-03
13	0.37751	3.96E-05	1.4949E-05	1.05E-03	1.56E-08	1.45	1.57E-01	3.56E-09	1,000,000	3.56E-03
14	0.39878	3.96E-05	1.5792E-05	1.05E-03	1.65E-08	1.45	1.57E-01	3.76E-09	1,000,000	3.76E-03
15	0.42126	3.96E-05	1.6682E-05	1.05E-03	1.74E-08	1.45	1.57E-01	3.97E-09	1,000,000	3.97E-03
16	0.34009	3.96E-05	1.3468E-05	1.05E-03	1.41E-08	1.45	1.57E-01	3.21E-09	1,000,000	3.21E-03
17	0.35773	3.96E-05	1.4166E-05	1.05E-03	1.48E-08	1.45	1.57E-01	3.37E-09	1,000,000	3.37E-03
18	0.37675	3.96E-05	1.4919E-05	1.05E-03	1.56E-08	1.45	1.57E-01	3.55E-09	1,000,000	3.55E-03
19	0.39712	3.96E-05	1.5726E-05	1.05E-03	1.64E-08	1.45	1.57E-01	3.75E-09	1,000,000	3.75E-03
20	0.41946	3.96E-05	1.6611E-05	1.05E-03	1.74E-08	1.45	1.57E-01	3.96E-09	1,000,000	3.96E-03
21	0.33951	3.96E-05	1.3445E-05	1.05E-03	1.41E-08	1.45	1.57E-01	3.20E-09	1,000,000	3.20E-03
22	0.357	3.96E-05	1.4137E-05	1.05E-03	1.48E-08	1.45	1.57E-01	3.37E-09	1,000,000	3.37E-03
23	0.3759	3.96E-05	1.4886E-05	1.05E-03	1.56E-08	1.45	1.57E-01	3.55E-09	1,000,000	3.55E-03
24	0.39613	3.96E-05	1.5687E-05	1.05E-03	1.64E-08	1.45	1.57E-01	3.74E-09	1,000,000	3.74E-03
25	0.4176	3.96E-05	1.6537E-05	1.05E-03	1.73E-08	1.45	1.57E-01	3.94E-09	1,000,000	3.94E-03
113	7.34627	3.96E-05	0.00029091	1.05E-03	3.04E-07	1.45	1.57E-01	6.93E-08	1,000,000	6.93E-02
114	6.05276	3.96E-05	0.00023969	1.05E-03	2.51E-07	1.45	1.57E-01	5.71E-08	1,000,000	5.71E-02
115	5.08606	3.96E-05	0.00020141	1.05E-03	2.11E-07	1.45	1.57E-01	4.80E-08	1,000,000	4.80E-02
116	4.34509	3.96E-05	0.00017207	1.05E-03	1.80E-07	1.45	1.57E-01	4.10E-08	1,000,000	4.10E-02
117	6.41729	3.96E-05	0.00025413	1.05E-03	2.66E-07	1.45	1.57E-01	6.05E-08	1,000,000	6.05E-02
118	5.39267	3.96E-05	0.00021355	1.05E-03	2.23E-07	1.45	1.57E-01	5.09E-08	1,000,000	5.09E-02
119	4.60188	3.96E-05	0.00018224	1.05E-03	1.90E-07	1.45	1.57E-01	4.34E-08	1,000,000	4.34E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	0.00015762	1.05E-03	1.65E-07	1.45	1.57E-01	3.75E-08	1,000,000	3.75E-02
121	5.61509	3.96E-05	0.00022236	1.05E-03	2.32E-07	1.45	1.57E-01	5.30E-08	1,000,000	5.30E-02
122	4.79823	3.96E-05	0.00019001	1.05E-03	1.99E-07	1.45	1.57E-01	4.53E-08	1,000,000	4.53E-02
123	4.1508	3.96E-05	0.00016437	1.05E-03	1.72E-07	1.45	1.57E-01	3.91E-08	1,000,000	3.91E-02
124	3.6305	3.96E-05	0.00014377	1.05E-03	1.50E-07	1.45	1.57E-01	3.42E-08	1,000,000	3.42E-02
125	4.92861	3.96E-05	0.00019517	1.05E-03	2.04E-07	1.45	1.57E-01	4.65E-08	1,000,000	4.65E-02
126	4.27282	3.96E-05	0.0001692	1.05E-03	1.77E-07	1.45	1.57E-01	4.03E-08	1,000,000	4.03E-02
127	3.74081	3.96E-05	0.00014814	1.05E-03	1.55E-07	1.45	1.57E-01	3.53E-08	1,000,000	3.53E-02
128	3.3049	3.96E-05	0.00013087	1.05E-03	1.37E-07	1.45	1.57E-01	3.12E-08	1,000,000	3.12E-02
129	4.34137	3.96E-05	0.00017192	1.05E-03	1.80E-07	1.45	1.57E-01	4.09E-08	1,000,000	4.09E-02
130	3.81188	3.96E-05	0.00015095	1.05E-03	1.58E-07	1.45	1.57E-01	3.60E-08	1,000,000	3.60E-02
131	3.37316	3.96E-05	0.00013358	1.05E-03	1.40E-07	1.45	1.57E-01	3.18E-08	1,000,000	3.18E-02
132	3.00718	3.96E-05	0.00011908	1.05E-03	1.24E-07	1.45	1.57E-01	2.84E-08	1,000,000	2.84E-02
133	3.83865	3.96E-05	0.00015201	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
134	3.4086	3.96E-05	0.00013498	1.05E-03	1.41E-07	1.45	1.57E-01	3.21E-08	1,000,000	3.21E-02
135	3.04557	3.96E-05	0.00012061	1.05E-03	1.26E-07	1.45	1.57E-01	2.87E-08	1,000,000	2.87E-02
136	2.73767	3.96E-05	0.00010841	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
137	3.40915	3.96E-05	0.000135	1.05E-03	1.41E-07	1.45	1.57E-01	3.22E-08	1,000,000	3.22E-02
138	2.75499	3.96E-05	0.0001091	1.05E-03	1.14E-07	1.45	1.57E-01	2.60E-08	1,000,000	2.60E-02
139	2.49517	3.96E-05	9.8809E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.35E-08	1,000,000	2.35E-02
140	2.47409	3.96E-05	9.7974E-05	1.05E-03	1.02E-07	1.45	1.57E-01	2.33E-08	1,000,000	2.33E-02
141	2.2648	3.96E-05	8.9687E-05	1.05E-03	9.37E-08	1.45	1.57E-01	2.14E-08	1,000,000	2.14E-02
142	2.07997	3.96E-05	8.2367E-05	1.05E-03	8.61E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
143	1.91645	3.96E-05	7.5892E-05	1.05E-03	7.93E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
144	2.25171	3.96E-05	8.9168E-05	1.05E-03	9.32E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
145	2.07161	3.96E-05	8.2036E-05	1.05E-03	8.57E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
146	1.91112	3.96E-05	7.5681E-05	1.05E-03	7.91E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
147	1.76808	3.96E-05	7.0016E-05	1.05E-03	7.32E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
148	2.06023	3.96E-05	8.1586E-05	1.05E-03	8.53E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
149	1.9044	3.96E-05	7.5415E-05	1.05E-03	7.88E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
150	1.76416	3.96E-05	6.9861E-05	1.05E-03	7.30E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
151	1.63811	3.96E-05	6.4869E-05	1.05E-03	6.78E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
152	1.89337	3.96E-05	7.4978E-05	1.05E-03	7.84E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.9622E-05	1.05E-03	7.28E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
154	1.63517	3.96E-05	6.4753E-05	1.05E-03	6.77E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
155	1.52365	3.96E-05	6.0337E-05	1.05E-03	6.31E-08	1.45	1.57E-01	1.44E-08	1,000,000	1.44E-02
156	1.74647	3.96E-05	6.9161E-05	1.05E-03	7.23E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
157	1.62879	3.96E-05	6.45E-05	1.05E-03	6.74E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
158	1.5208	3.96E-05	6.0224E-05	1.05E-03	6.29E-08	1.45	1.57E-01	1.43E-08	1,000,000	1.43E-02
159	1.42197	3.96E-05	5.631E-05	1.05E-03	5.89E-08	1.45	1.57E-01	1.34E-08	1,000,000	1.34E-02
160	1.61617	3.96E-05	6.4001E-05	1.05E-03	6.69E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
161	1.51345	3.96E-05	5.9933E-05	1.05E-03	6.26E-08	1.45	1.57E-01	1.43E-08	1,000,000	1.43E-02
162	1.41845	3.96E-05	5.6171E-05	1.05E-03	5.87E-08	1.45	1.57E-01	1.34E-08	1,000,000	1.34E-02
163	1.33062	3.96E-05	5.2693E-05	1.05E-03	5.51E-08	1.45	1.57E-01	1.25E-08	1,000,000	1.25E-02
164	1.49999	3.96E-05	5.94E-05	1.05E-03	6.21E-08	1.45	1.57E-01	1.41E-08	1,000,000	1.41E-02
165	1.40998	3.96E-05	5.5835E-05	1.05E-03	5.84E-08	1.45	1.57E-01	1.33E-08	1,000,000	1.33E-02
166	1.32537	3.96E-05	5.2485E-05	1.05E-03	5.49E-08	1.45	1.57E-01	1.25E-08	1,000,000	1.25E-02
167	1.24744	3.96E-05	4.9399E-05	1.05E-03	5.16E-08	1.45	1.57E-01	1.18E-08	1,000,000	1.18E-02
168	1.39597	3.96E-05	5.5281E-05	1.05E-03	5.78E-08	1.45	1.57E-01	1.32E-08	1,000,000	1.32E-02
169	1.31673	3.96E-05	5.2143E-05	1.05E-03	5.45E-08	1.45	1.57E-01	1.24E-08	1,000,000	1.24E-02
170	1.2417	3.96E-05	4.9172E-05	1.05E-03	5.14E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
171	1.1725	3.96E-05	4.6431E-05	1.05E-03	4.85E-08	1.45	1.57E-01	1.11E-08	1,000,000	1.11E-02
172	1.30254	3.96E-05	5.1581E-05	1.05E-03	5.39E-08	1.45	1.57E-01	1.23E-08	1,000,000	1.23E-02
173	1.23245	3.96E-05	4.8805E-05	1.05E-03	5.10E-08	1.45	1.57E-01	1.16E-08	1,000,000	1.16E-02
174	1.16588	3.96E-05	4.6169E-05	1.05E-03	4.83E-08	1.45	1.57E-01	1.10E-08	1,000,000	1.10E-02
175	1.10404	3.96E-05	4.372E-05	1.05E-03	4.57E-08	1.45	1.57E-01	1.04E-08	1,000,000	1.04E-02
176	1.21837	3.96E-05	4.8248E-05	1.05E-03	5.04E-08	1.45	1.57E-01	1.15E-08	1,000,000	1.15E-02
177	1.15607	3.96E-05	4.5781E-05	1.05E-03	4.79E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
178	1.09669	3.96E-05	4.3429E-05	1.05E-03	4.54E-08	1.45	1.57E-01	1.03E-08	1,000,000	1.03E-02
179	1.04132	3.96E-05	4.1236E-05	1.05E-03	4.31E-08	1.45	1.57E-01	9.82E-09	1,000,000	9.82E-03
180	1.14231	3.96E-05	4.5236E-05	1.05E-03	4.73E-08	1.45	1.57E-01	1.08E-08	1,000,000	1.08E-02
181	1.08646	3.96E-05	4.3024E-05	1.05E-03	4.50E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
182	1.03341	3.96E-05	4.0923E-05	1.05E-03	4.28E-08	1.45	1.57E-01	9.75E-09	1,000,000	9.75E-03
183	0.98373	3.96E-05	3.8956E-05	1.05E-03	4.07E-08	1.45	1.57E-01	9.28E-09	1,000,000	9.28E-03
184	1.47032	3.96E-05	5.8225E-05	1.05E-03	6.09E-08	1.45	1.57E-01	1.39E-08	1,000,000	1.39E-02
185	1.22693	3.96E-05	4.8587E-05	1.05E-03	5.08E-08	1.45	1.57E-01	1.16E-08	1,000,000	1.16E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.6273E-05	1.05E-03	4.84E-08	1.45	1.57E-01	1.10E-08	1,000,000	1.10E-02
187	1.11272	3.96E-05	4.4064E-05	1.05E-03	4.61E-08	1.45	1.57E-01	1.05E-08	1,000,000	1.05E-02
188	1.05939	3.96E-05	4.1952E-05	1.05E-03	4.38E-08	1.45	1.57E-01	9.99E-09	1,000,000	9.99E-03
189	1.20295	3.96E-05	4.7637E-05	1.05E-03	4.98E-08	1.45	1.57E-01	1.13E-08	1,000,000	1.13E-02
190	1.14871	3.96E-05	4.5489E-05	1.05E-03	4.75E-08	1.45	1.57E-01	1.08E-08	1,000,000	1.08E-02
191	1.09647	3.96E-05	4.342E-05	1.05E-03	4.54E-08	1.45	1.57E-01	1.03E-08	1,000,000	1.03E-02
192	1.04648	3.96E-05	4.1441E-05	1.05E-03	4.33E-08	1.45	1.57E-01	9.87E-09	1,000,000	9.87E-03
193	0.99827	3.96E-05	3.9532E-05	1.05E-03	4.13E-08	1.45	1.57E-01	9.41E-09	1,000,000	9.41E-03
194	1.12668	3.96E-05	4.4617E-05	1.05E-03	4.66E-08	1.45	1.57E-01	1.06E-08	1,000,000	1.06E-02
195	1.07816	3.96E-05	4.2695E-05	1.05E-03	4.46E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
196	1.03116	3.96E-05	4.0834E-05	1.05E-03	4.27E-08	1.45	1.57E-01	9.72E-09	1,000,000	9.72E-03
197	0.98567	3.96E-05	3.9033E-05	1.05E-03	4.08E-08	1.45	1.57E-01	9.30E-09	1,000,000	9.30E-03
198	0.94272	3.96E-05	3.7332E-05	1.05E-03	3.90E-08	1.45	1.57E-01	8.89E-09	1,000,000	8.89E-03
199	1.05795	3.96E-05	4.1895E-05	1.05E-03	4.38E-08	1.45	1.57E-01	9.98E-09	1,000,000	9.98E-03
200	1.01429	3.96E-05	4.0166E-05	1.05E-03	4.20E-08	1.45	1.57E-01	9.57E-09	1,000,000	9.57E-03
201	0.97173	3.96E-05	3.8481E-05	1.05E-03	4.02E-08	1.45	1.57E-01	9.16E-09	1,000,000	9.16E-03
202	0.93076	3.96E-05	3.6858E-05	1.05E-03	3.85E-08	1.45	1.57E-01	8.78E-09	1,000,000	8.78E-03
203	0.89179	3.96E-05	3.5315E-05	1.05E-03	3.69E-08	1.45	1.57E-01	8.41E-09	1,000,000	8.41E-03
204	1.15602	3.96E-05	4.5779E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
205	0.99573	3.96E-05	3.9431E-05	1.05E-03	4.12E-08	1.45	1.57E-01	9.39E-09	1,000,000	9.39E-03
206	0.95628	3.96E-05	3.7869E-05	1.05E-03	3.96E-08	1.45	1.57E-01	9.02E-09	1,000,000	9.02E-03
207	0.91746	3.96E-05	3.6332E-05	1.05E-03	3.80E-08	1.45	1.57E-01	8.65E-09	1,000,000	8.65E-03
208	0.88058	3.96E-05	3.4871E-05	1.05E-03	3.64E-08	1.45	1.57E-01	8.30E-09	1,000,000	8.30E-03
209	1.08425	3.96E-05	4.2937E-05	1.05E-03	4.49E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
210	1.04875	3.96E-05	4.1531E-05	1.05E-03	4.34E-08	1.45	1.57E-01	9.89E-09	1,000,000	9.89E-03
211	1.01225	3.96E-05	4.0085E-05	1.05E-03	4.19E-08	1.45	1.57E-01	9.55E-09	1,000,000	9.55E-03
212	0.97562	3.96E-05	3.8635E-05	1.05E-03	4.04E-08	1.45	1.57E-01	9.20E-09	1,000,000	9.20E-03
213	0.9392	3.96E-05	3.7193E-05	1.05E-03	3.89E-08	1.45	1.57E-01	8.86E-09	1,000,000	8.86E-03
214	0.90317	3.96E-05	3.5766E-05	1.05E-03	3.74E-08	1.45	1.57E-01	8.52E-09	1,000,000	8.52E-03
215	0.86816	3.96E-05	3.4379E-05	1.05E-03	3.59E-08	1.45	1.57E-01	8.19E-09	1,000,000	8.19E-03
216	1.01456	3.96E-05	4.0177E-05	1.05E-03	4.20E-08	1.45	1.57E-01	9.57E-09	1,000,000	9.57E-03
217	0.98857	3.96E-05	3.9148E-05	1.05E-03	4.09E-08	1.45	1.57E-01	9.32E-09	1,000,000	9.32E-03
218	0.96033	3.96E-05	3.8029E-05	1.05E-03	3.97E-08	1.45	1.57E-01	9.06E-09	1,000,000	9.06E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.6871E-05	1.05E-03	3.85E-08	1.45	1.57E-01	8.78E-09	1,000,000	8.78E-03
220	0.90085	3.96E-05	3.5674E-05	1.05E-03	3.73E-08	1.45	1.57E-01	8.50E-09	1,000,000	8.50E-03
221	0.87036	3.96E-05	3.4466E-05	1.05E-03	3.60E-08	1.45	1.57E-01	8.21E-09	1,000,000	8.21E-03
222	0.95663	3.96E-05	3.7883E-05	1.05E-03	3.96E-08	1.45	1.57E-01	9.02E-09	1,000,000	9.02E-03
223	0.93262	3.96E-05	3.6932E-05	1.05E-03	3.86E-08	1.45	1.57E-01	8.80E-09	1,000,000	8.80E-03
224	0.90688	3.96E-05	3.5913E-05	1.05E-03	3.75E-08	1.45	1.57E-01	8.55E-09	1,000,000	8.55E-03
225	0.88014	3.96E-05	3.4854E-05	1.05E-03	3.64E-08	1.45	1.57E-01	8.30E-09	1,000,000	8.30E-03
226	0.85239	3.96E-05	3.3755E-05	1.05E-03	3.53E-08	1.45	1.57E-01	8.04E-09	1,000,000	8.04E-03
227	0.90381	3.96E-05	3.5791E-05	1.05E-03	3.74E-08	1.45	1.57E-01	8.52E-09	1,000,000	8.52E-03
228	0.8816	3.96E-05	3.4912E-05	1.05E-03	3.65E-08	1.45	1.57E-01	8.31E-09	1,000,000	8.31E-03
229	0.85808	3.96E-05	3.398E-05	1.05E-03	3.55E-08	1.45	1.57E-01	8.09E-09	1,000,000	8.09E-03
230	0.83325	3.96E-05	3.2997E-05	1.05E-03	3.45E-08	1.45	1.57E-01	7.86E-09	1,000,000	7.86E-03
231	0.85545	3.96E-05	3.3876E-05	1.05E-03	3.54E-08	1.45	1.57E-01	8.07E-09	1,000,000	8.07E-03
232	0.83509	3.96E-05	3.307E-05	1.05E-03	3.46E-08	1.45	1.57E-01	7.88E-09	1,000,000	7.88E-03
233	0.81339	3.96E-05	3.221E-05	1.05E-03	3.37E-08	1.45	1.57E-01	7.67E-09	1,000,000	7.67E-03
234	0.79057	3.96E-05	3.1307E-05	1.05E-03	3.27E-08	1.45	1.57E-01	7.46E-09	1,000,000	7.46E-03
235	0.81125	3.96E-05	3.2126E-05	1.05E-03	3.36E-08	1.45	1.57E-01	7.65E-09	1,000,000	7.65E-03
236	0.79245	3.96E-05	3.1381E-05	1.05E-03	3.28E-08	1.45	1.57E-01	7.47E-09	1,000,000	7.47E-03
237	0.77225	3.96E-05	3.0581E-05	1.05E-03	3.20E-08	1.45	1.57E-01	7.28E-09	1,000,000	7.28E-03
238	0.75137	3.96E-05	2.9754E-05	1.05E-03	3.11E-08	1.45	1.57E-01	7.09E-09	1,000,000	7.09E-03
239	0.77067	3.96E-05	3.0519E-05	1.05E-03	3.19E-08	1.45	1.57E-01	7.27E-09	1,000,000	7.27E-03
240	0.75319	3.96E-05	2.9826E-05	1.05E-03	3.12E-08	1.45	1.57E-01	7.10E-09	1,000,000	7.10E-03
241	0.73446	3.96E-05	2.9085E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.93E-09	1,000,000	6.93E-03
242	0.71525	3.96E-05	2.8324E-05	1.05E-03	2.96E-08	1.45	1.57E-01	6.75E-09	1,000,000	6.75E-03
243	0.8189	3.96E-05	3.2429E-05	1.05E-03	3.39E-08	1.45	1.57E-01	7.72E-09	1,000,000	7.72E-03
244	0.81837	3.96E-05	3.2408E-05	1.05E-03	3.39E-08	1.45	1.57E-01	7.72E-09	1,000,000	7.72E-03
245	0.81504	3.96E-05	3.2276E-05	1.05E-03	3.37E-08	1.45	1.57E-01	7.69E-09	1,000,000	7.69E-03
246	0.80908	3.96E-05	3.204E-05	1.05E-03	3.35E-08	1.45	1.57E-01	7.63E-09	1,000,000	7.63E-03
247	0.80063	3.96E-05	3.1705E-05	1.05E-03	3.31E-08	1.45	1.57E-01	7.55E-09	1,000,000	7.55E-03
248	0.7899	3.96E-05	3.128E-05	1.05E-03	3.27E-08	1.45	1.57E-01	7.45E-09	1,000,000	7.45E-03
249	0.77712	3.96E-05	3.0774E-05	1.05E-03	3.22E-08	1.45	1.57E-01	7.33E-09	1,000,000	7.33E-03
250	0.7809	3.96E-05	3.0924E-05	1.05E-03	3.23E-08	1.45	1.57E-01	7.36E-09	1,000,000	7.36E-03
251	0.77971	3.96E-05	3.0877E-05	1.05E-03	3.23E-08	1.45	1.57E-01	7.35E-09	1,000,000	7.35E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.0732E-05	1.05E-03	3.21E-08	1.45	1.57E-01	7.32E-09	1,000,000	7.32E-03
253	0.77005	3.96E-05	3.0494E-05	1.05E-03	3.19E-08	1.45	1.57E-01	7.26E-09	1,000,000	7.26E-03
254	0.76183	3.96E-05	3.0169E-05	1.05E-03	3.15E-08	1.45	1.57E-01	7.18E-09	1,000,000	7.18E-03
255	0.7516	3.96E-05	2.9764E-05	1.05E-03	3.11E-08	1.45	1.57E-01	7.09E-09	1,000,000	7.09E-03
256	0.73943	3.96E-05	2.9282E-05	1.05E-03	3.06E-08	1.45	1.57E-01	6.97E-09	1,000,000	6.97E-03
257	0.74551	3.96E-05	2.9522E-05	1.05E-03	3.09E-08	1.45	1.57E-01	7.03E-09	1,000,000	7.03E-03
258	0.74381	3.96E-05	2.9455E-05	1.05E-03	3.08E-08	1.45	1.57E-01	7.01E-09	1,000,000	7.01E-03
259	0.73991	3.96E-05	2.9301E-05	1.05E-03	3.06E-08	1.45	1.57E-01	6.98E-09	1,000,000	6.98E-03
260	0.73391	3.96E-05	2.9063E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.92E-09	1,000,000	6.92E-03
261	0.72596	3.96E-05	2.8748E-05	1.05E-03	3.00E-08	1.45	1.57E-01	6.85E-09	1,000,000	6.85E-03
262	0.7162	3.96E-05	2.8362E-05	1.05E-03	2.96E-08	1.45	1.57E-01	6.75E-09	1,000,000	6.75E-03
263	0.70476	3.96E-05	2.7909E-05	1.05E-03	2.92E-08	1.45	1.57E-01	6.65E-09	1,000,000	6.65E-03
264	0.71229	3.96E-05	2.8207E-05	1.05E-03	2.95E-08	1.45	1.57E-01	6.72E-09	1,000,000	6.72E-03
265	0.71038	3.96E-05	2.8131E-05	1.05E-03	2.94E-08	1.45	1.57E-01	6.70E-09	1,000,000	6.70E-03
266	0.70634	3.96E-05	2.7971E-05	1.05E-03	2.92E-08	1.45	1.57E-01	6.66E-09	1,000,000	6.66E-03
267	0.70039	3.96E-05	2.7736E-05	1.05E-03	2.90E-08	1.45	1.57E-01	6.61E-09	1,000,000	6.61E-03
268	0.6927	3.96E-05	2.7431E-05	1.05E-03	2.87E-08	1.45	1.57E-01	6.53E-09	1,000,000	6.53E-03
269	0.68343	3.96E-05	2.7064E-05	1.05E-03	2.83E-08	1.45	1.57E-01	6.45E-09	1,000,000	6.45E-03
270	0.67267	3.96E-05	2.6638E-05	1.05E-03	2.78E-08	1.45	1.57E-01	6.34E-09	1,000,000	6.34E-03
271	0.6815	3.96E-05	2.6988E-05	1.05E-03	2.82E-08	1.45	1.57E-01	6.43E-09	1,000,000	6.43E-03
272	0.67926	3.96E-05	2.6899E-05	1.05E-03	2.81E-08	1.45	1.57E-01	6.41E-09	1,000,000	6.41E-03
273	0.67511	3.96E-05	2.6734E-05	1.05E-03	2.79E-08	1.45	1.57E-01	6.37E-09	1,000,000	6.37E-03
274	0.66925	3.96E-05	2.6502E-05	1.05E-03	2.77E-08	1.45	1.57E-01	6.31E-09	1,000,000	6.31E-03
275	0.66183	3.96E-05	2.6209E-05	1.05E-03	2.74E-08	1.45	1.57E-01	6.24E-09	1,000,000	6.24E-03
276	0.65298	3.96E-05	2.5858E-05	1.05E-03	2.70E-08	1.45	1.57E-01	6.16E-09	1,000,000	6.16E-03
277	0.64285	3.96E-05	2.5457E-05	1.05E-03	2.66E-08	1.45	1.57E-01	6.06E-09	1,000,000	6.06E-03
278	0.6449	3.96E-05	2.5538E-05	1.05E-03	2.67E-08	1.45	1.57E-01	6.08E-09	1,000,000	6.08E-03
279	0.65769	3.96E-05	2.6045E-05	1.05E-03	2.72E-08	1.45	1.57E-01	6.20E-09	1,000,000	6.20E-03
280	0.68919	3.96E-05	2.7292E-05	1.05E-03	2.85E-08	1.45	1.57E-01	6.50E-09	1,000,000	6.50E-03
281	0.68179	3.96E-05	2.6999E-05	1.05E-03	2.82E-08	1.45	1.57E-01	6.43E-09	1,000,000	6.43E-03
282	0.71591	3.96E-05	2.835E-05	1.05E-03	2.96E-08	1.45	1.57E-01	6.75E-09	1,000,000	6.75E-03
283	0.65043	3.96E-05	2.5757E-05	1.05E-03	2.69E-08	1.45	1.57E-01	6.13E-09	1,000,000	6.13E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	4.23249	3.96E-05	0.00016761	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	4.84465	3.96E-05	0.00019185	1.05E-03	2.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	5.62171	3.96E-05	0.00022262	1.05E-03	2.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.61654	3.96E-05	0.00026202	1.05E-03	2.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.88532	3.96E-05	0.00031226	1.05E-03	3.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	9.46169	3.96E-05	0.00037468	1.05E-03	3.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	11.30189	3.96E-05	0.00044756	1.05E-03	4.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	13.21552	3.96E-05	0.00052334	1.05E-03	5.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	14.86375	3.96E-05	0.00058861	1.05E-03	6.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	15.94494	3.96E-05	0.00063142	1.05E-03	6.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	16.3478	3.96E-05	0.00064738	1.05E-03	6.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	4.21083	3.96E-05	0.00016675	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	4.80821	3.96E-05	0.00019041	1.05E-03	1.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	5.54926	3.96E-05	0.00021975	1.05E-03	2.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	6.46493	3.96E-05	0.00025601	1.05E-03	2.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	7.57568	3.96E-05	0.0003	1.05E-03	3.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	8.86996	3.96E-05	0.00035125	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	10.27521	3.96E-05	0.0004069	1.05E-03	4.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	11.64133	3.96E-05	0.000461	1.05E-03	4.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	12.7714	3.96E-05	0.00050575	1.05E-03	5.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	13.52652	3.96E-05	0.00053565	1.05E-03	5.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.8546	3.96E-05	0.00054864	1.05E-03	5.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	4.18155	3.96E-05	0.00016559	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	4.75442	3.96E-05	0.00018828	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	5.44582	3.96E-05	0.00021566	1.05E-03	2.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	6.26883	3.96E-05	0.00024825	1.05E-03	2.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	7.22134	3.96E-05	0.00028597	1.05E-03	2.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	8.27281	3.96E-05	0.0003276	1.05E-03	3.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	9.35344	3.96E-05	0.0003704	1.05E-03	3.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	10.35712	3.96E-05	0.00041014	1.05E-03	4.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	11.16855	3.96E-05	0.00044228	1.05E-03	4.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	11.72067	3.96E-05	0.00046414	1.05E-03	4.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	0.00047461	1.05E-03	4.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	4.14049	3.96E-05	0.00016396	1.05E-03	1.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	4.68044	3.96E-05	0.00018535	1.05E-03	1.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	5.31348	3.96E-05	0.00021041	1.05E-03	2.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	6.04037	3.96E-05	0.0002392	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	6.84733	3.96E-05	0.00027116	1.05E-03	2.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	7.69973	3.96E-05	0.00030491	1.05E-03	3.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	8.54033	3.96E-05	0.0003382	1.05E-03	3.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	9.29682	3.96E-05	0.00036816	1.05E-03	3.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	9.90008	3.96E-05	0.00039205	1.05E-03	4.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	10.31671	3.96E-05	0.00040854	1.05E-03	4.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	10.52893	3.96E-05	0.00041695	1.05E-03	4.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	4.08561	3.96E-05	0.00016179	1.05E-03	1.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	4.58676	3.96E-05	0.00018164	1.05E-03	1.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	5.15779	3.96E-05	0.00020425	1.05E-03	2.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	5.79219	3.96E-05	0.00022937	1.05E-03	2.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	6.47177	3.96E-05	0.00025628	1.05E-03	2.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	7.1646	3.96E-05	0.00028372	1.05E-03	2.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	7.82678	3.96E-05	0.00030994	1.05E-03	3.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	8.40942	3.96E-05	0.00033301	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	8.86983	3.96E-05	0.00035125	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	9.19127	3.96E-05	0.00036398	1.05E-03	3.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	9.36139	3.96E-05	0.00037071	1.05E-03	3.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	4.01682	3.96E-05	0.00015907	1.05E-03	1.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	4.47603	3.96E-05	0.00017725	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	4.98543	3.96E-05	0.00019742	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	5.53499	3.96E-05	0.00021919	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	6.1062	3.96E-05	0.00024181	1.05E-03	2.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	6.67215	3.96E-05	0.00026422	1.05E-03	2.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	7.20017	3.96E-05	0.00028513	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	7.65696	3.96E-05	0.00030322	1.05E-03	3.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	8.01539	3.96E-05	0.00031741	1.05E-03	3.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	8.26727	3.96E-05	0.00032739	1.05E-03	3.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

Cancer Risk From Haul1B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	0.00033278	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	3.93535	3.96E-05	0.00015584	1.05E-03	1.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	4.35187	3.96E-05	0.00017233	1.05E-03	1.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	4.80273	3.96E-05	0.00019019	1.05E-03	1.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	5.27679	3.96E-05	0.00020896	1.05E-03	2.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	5.7572	3.96E-05	0.00022799	1.05E-03	2.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	6.2223	3.96E-05	0.0002464	1.05E-03	2.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	6.64799	3.96E-05	0.00026326	1.05E-03	2.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	7.01133	3.96E-05	0.00027765	1.05E-03	2.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	7.29457	3.96E-05	0.00028887	1.05E-03	3.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	7.4941	3.96E-05	0.00029677	1.05E-03	3.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	7.60268	3.96E-05	0.00030107	1.05E-03	3.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	5.0627	3.96E-05	0.00020048	1.05E-03	2.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	5.47348	3.96E-05	0.00021675	1.05E-03	2.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	5.85483	3.96E-05	0.00023185	1.05E-03	2.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	6.21627	3.96E-05	0.00024617	1.05E-03	2.57E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	6.45152	3.96E-05	0.00025548	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	6.67788	3.96E-05	0.00026445	1.05E-03	2.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	6.83709	3.96E-05	0.00027075	1.05E-03	2.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	6.92328	3.96E-05	0.00027416	1.05E-03	2.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	4.65543	3.96E-05	0.00018436	1.05E-03	1.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	4.20321	3.96E-05	0.00016645	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	3.96E-05	1.35E-05	6.05E-04	8.19E-09	14	4.71E-02	5.41E-09	1,000,000	5.4E-03
2	0.35954	3.96E-05	1.42E-05	6.05E-04	8.61E-09	14	4.71E-02	5.69E-09	1,000,000	5.69E-03
3	0.37904	3.96E-05	1.50E-05	6.05E-04	9.08E-09	14	4.71E-02	5.99E-09	1,000,000	5.99E-03
4	0.39988	3.96E-05	1.58E-05	6.05E-04	9.58E-09	14	4.71E-02	6.32E-09	1,000,000	6.32E-03
5	0.4228	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.69E-09	1,000,000	6.69E-03
6	0.34148	3.96E-05	1.35E-05	6.05E-04	8.18E-09	14	4.71E-02	5.40E-09	1,000,000	5.40E-03
7	0.35901	3.96E-05	1.42E-05	6.05E-04	8.60E-09	14	4.71E-02	5.68E-09	1,000,000	5.68E-03
8	0.37818	3.96E-05	1.50E-05	6.05E-04	9.06E-09	14	4.71E-02	5.98E-09	1,000,000	5.98E-03
9	0.39947	3.96E-05	1.58E-05	6.05E-04	9.57E-09	14	4.71E-02	6.32E-09	1,000,000	6.32E-03
10	0.42213	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.68E-09	1,000,000	6.68E-03
11	0.34078	3.96E-05	1.35E-05	6.05E-04	8.17E-09	14	4.71E-02	5.39E-09	1,000,000	5.39E-03
12	0.35833	3.96E-05	1.42E-05	6.05E-04	8.59E-09	14	4.71E-02	5.67E-09	1,000,000	5.67E-03
13	0.37751	3.96E-05	1.49E-05	6.05E-04	9.05E-09	14	4.71E-02	5.97E-09	1,000,000	5.97E-03
14	0.39878	3.96E-05	1.58E-05	6.05E-04	9.56E-09	14	4.71E-02	6.31E-09	1,000,000	6.31E-03
15	0.42126	3.96E-05	1.67E-05	6.05E-04	1.01E-08	14	4.71E-02	6.66E-09	1,000,000	6.66E-03
16	0.34009	3.96E-05	1.35E-05	6.05E-04	8.15E-09	14	4.71E-02	5.38E-09	1,000,000	5.38E-03
17	0.35773	3.96E-05	1.42E-05	6.05E-04	8.57E-09	14	4.71E-02	5.66E-09	1,000,000	5.66E-03
18	0.37675	3.96E-05	1.49E-05	6.05E-04	9.03E-09	14	4.71E-02	5.96E-09	1,000,000	5.96E-03
19	0.39712	3.96E-05	1.57E-05	6.05E-04	9.52E-09	14	4.71E-02	6.28E-09	1,000,000	6.28E-03
20	0.41946	3.96E-05	1.66E-05	6.05E-04	1.01E-08	14	4.71E-02	6.63E-09	1,000,000	6.63E-03
21	0.33951	3.96E-05	1.34E-05	6.05E-04	8.13E-09	14	4.71E-02	5.37E-09	1,000,000	5.37E-03
22	0.357	3.96E-05	1.41E-05	6.05E-04	8.55E-09	14	4.71E-02	5.65E-09	1,000,000	5.65E-03
23	0.3759	3.96E-05	1.49E-05	6.05E-04	9.01E-09	14	4.71E-02	5.94E-09	1,000,000	5.94E-03
24	0.39613	3.96E-05	1.57E-05	6.05E-04	9.49E-09	14	4.71E-02	6.26E-09	1,000,000	6.26E-03
25	0.4176	3.96E-05	1.65E-05	6.05E-04	1.00E-08	14	4.71E-02	6.60E-09	1,000,000	6.60E-03
113	7.34627	3.96E-05	2.91E-04	6.05E-04	1.76E-07	14	4.71E-02	1.16E-07	1,000,000	1.16E-01
114	6.05276	3.96E-05	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.57E-08	1,000,000	9.57E-02
115	5.08606	3.96E-05	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.04E-08	1,000,000	8.04E-02
116	4.34509	3.96E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
117	6.41729	3.96E-05	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
118	5.39267	3.96E-05	2.14E-04	6.05E-04	1.29E-07	14	4.71E-02	8.53E-08	1,000,000	8.53E-02
119	4.60188	3.96E-05	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.28E-08	1,000,000	7.28E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	1.58E-04	6.05E-04	9.54E-08	14	4.71E-02	6.29E-08	1,000,000	6.29E-02
121	5.61509	3.96E-05	2.22E-04	6.05E-04	1.35E-07	14	4.71E-02	8.88E-08	1,000,000	8.88E-02
122	4.79823	3.96E-05	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.59E-08	1,000,000	7.59E-02
123	4.1508	3.96E-05	1.64E-04	6.05E-04	9.95E-08	14	4.71E-02	6.56E-08	1,000,000	6.56E-02
124	3.6305	3.96E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
125	4.92861	3.96E-05	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.79E-08	1,000,000	7.79E-02
126	4.27282	3.96E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.76E-08	1,000,000	6.76E-02
127	3.74081	3.96E-05	1.48E-04	6.05E-04	8.96E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
128	3.3049	3.96E-05	1.31E-04	6.05E-04	7.92E-08	14	4.71E-02	5.23E-08	1,000,000	5.23E-02
129	4.34137	3.96E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
130	3.81188	3.96E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
131	3.37316	3.96E-05	1.34E-04	6.05E-04	8.08E-08	14	4.71E-02	5.33E-08	1,000,000	5.33E-02
132	3.00718	3.96E-05	1.19E-04	6.05E-04	7.21E-08	14	4.71E-02	4.76E-08	1,000,000	4.76E-02
133	3.83865	3.96E-05	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
134	3.4086	3.96E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
135	3.04557	3.96E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.82E-08	1,000,000	4.82E-02
136	2.73767	3.96E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
137	3.40915	3.96E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
138	2.75499	3.96E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
139	2.49517	3.96E-05	9.88E-05	6.05E-04	5.98E-08	14	4.71E-02	3.95E-08	1,000,000	3.95E-02
140	2.47409	3.96E-05	9.80E-05	6.05E-04	5.93E-08	14	4.71E-02	3.91E-08	1,000,000	3.91E-02
141	2.2648	3.96E-05	8.97E-05	6.05E-04	5.43E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
142	2.07997	3.96E-05	8.24E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
143	1.91645	3.96E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
144	2.25171	3.96E-05	8.92E-05	6.05E-04	5.40E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
145	2.07161	3.96E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
146	1.91112	3.96E-05	7.57E-05	6.05E-04	4.58E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
147	1.76808	3.96E-05	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
148	2.06023	3.96E-05	8.16E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
149	1.9044	3.96E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
150	1.76416	3.96E-05	6.99E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
151	1.63811	3.96E-05	6.49E-05	6.05E-04	3.93E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
152	1.89337	3.96E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
154	1.63517	3.96E-05	6.48E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
155	1.52365	3.96E-05	6.03E-05	6.05E-04	3.65E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
156	1.74647	3.96E-05	6.92E-05	6.05E-04	4.18E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
157	1.62879	3.96E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
158	1.5208	3.96E-05	6.02E-05	6.05E-04	3.64E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
159	1.42197	3.96E-05	5.63E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
160	1.61617	3.96E-05	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
161	1.51345	3.96E-05	5.99E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
162	1.41845	3.96E-05	5.62E-05	6.05E-04	3.40E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
163	1.33062	3.96E-05	5.27E-05	6.05E-04	3.19E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
164	1.49999	3.96E-05	5.94E-05	6.05E-04	3.59E-08	14	4.71E-02	2.37E-08	1,000,000	2.37E-02
165	1.40998	3.96E-05	5.58E-05	6.05E-04	3.38E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
166	1.32537	3.96E-05	5.25E-05	6.05E-04	3.18E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
167	1.24744	3.96E-05	4.94E-05	6.05E-04	2.99E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
168	1.39597	3.96E-05	5.53E-05	6.05E-04	3.34E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
169	1.31673	3.96E-05	5.21E-05	6.05E-04	3.15E-08	14	4.71E-02	2.08E-08	1,000,000	2.08E-02
170	1.2417	3.96E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
171	1.1725	3.96E-05	4.64E-05	6.05E-04	2.81E-08	14	4.71E-02	1.85E-08	1,000,000	1.85E-02
172	1.30254	3.96E-05	5.16E-05	6.05E-04	3.12E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02
173	1.23245	3.96E-05	4.88E-05	6.05E-04	2.95E-08	14	4.71E-02	1.95E-08	1,000,000	1.95E-02
174	1.16588	3.96E-05	4.62E-05	6.05E-04	2.79E-08	14	4.71E-02	1.84E-08	1,000,000	1.84E-02
175	1.10404	3.96E-05	4.37E-05	6.05E-04	2.65E-08	14	4.71E-02	1.75E-08	1,000,000	1.75E-02
176	1.21837	3.96E-05	4.82E-05	6.05E-04	2.92E-08	14	4.71E-02	1.93E-08	1,000,000	1.93E-02
177	1.15607	3.96E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
178	1.09669	3.96E-05	4.34E-05	6.05E-04	2.63E-08	14	4.71E-02	1.73E-08	1,000,000	1.73E-02
179	1.04132	3.96E-05	4.12E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
180	1.14231	3.96E-05	4.52E-05	6.05E-04	2.74E-08	14	4.71E-02	1.81E-08	1,000,000	1.81E-02
181	1.08646	3.96E-05	4.30E-05	6.05E-04	2.60E-08	14	4.71E-02	1.72E-08	1,000,000	1.72E-02
182	1.03341	3.96E-05	4.09E-05	6.05E-04	2.48E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
183	0.98373	3.96E-05	3.90E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
184	1.47032	3.96E-05	5.82E-05	6.05E-04	3.52E-08	14	4.71E-02	2.33E-08	1,000,000	2.33E-02
185	1.22693	3.96E-05	4.86E-05	6.05E-04	2.94E-08	14	4.71E-02	1.94E-08	1,000,000	1.94E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.63E-05	6.05E-04	2.80E-08	14	4.71E-02	1.85E-08	1,000,000	1.85E-02
187	1.11272	3.96E-05	4.41E-05	6.05E-04	2.67E-08	14	4.71E-02	1.76E-08	1,000,000	1.76E-02
188	1.05939	3.96E-05	4.20E-05	6.05E-04	2.54E-08	14	4.71E-02	1.68E-08	1,000,000	1.68E-02
189	1.20295	3.96E-05	4.76E-05	6.05E-04	2.88E-08	14	4.71E-02	1.90E-08	1,000,000	1.90E-02
190	1.14871	3.96E-05	4.55E-05	6.05E-04	2.75E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
191	1.09647	3.96E-05	4.34E-05	6.05E-04	2.63E-08	14	4.71E-02	1.73E-08	1,000,000	1.73E-02
192	1.04648	3.96E-05	4.14E-05	6.05E-04	2.51E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
193	0.99827	3.96E-05	3.95E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
194	1.12668	3.96E-05	4.46E-05	6.05E-04	2.70E-08	14	4.71E-02	1.78E-08	1,000,000	1.78E-02
195	1.07816	3.96E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
196	1.03116	3.96E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
197	0.98567	3.96E-05	3.90E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
198	0.94272	3.96E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
199	1.05795	3.96E-05	4.19E-05	6.05E-04	2.53E-08	14	4.71E-02	1.67E-08	1,000,000	1.67E-02
200	1.01429	3.96E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
201	0.97173	3.96E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
202	0.93076	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
203	0.89179	3.96E-05	3.53E-05	6.05E-04	2.14E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
204	1.15602	3.96E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
205	0.99573	3.96E-05	3.94E-05	6.05E-04	2.39E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
206	0.95628	3.96E-05	3.79E-05	6.05E-04	2.29E-08	14	4.71E-02	1.51E-08	1,000,000	1.51E-02
207	0.91746	3.96E-05	3.63E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
208	0.88058	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
209	1.08425	3.96E-05	4.29E-05	6.05E-04	2.60E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
210	1.04875	3.96E-05	4.15E-05	6.05E-04	2.51E-08	14	4.71E-02	1.66E-08	1,000,000	1.66E-02
211	1.01225	3.96E-05	4.01E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
212	0.97562	3.96E-05	3.86E-05	6.05E-04	2.34E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
213	0.9392	3.96E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
214	0.90317	3.96E-05	3.58E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
215	0.86816	3.96E-05	3.44E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
216	1.01456	3.96E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
217	0.98857	3.96E-05	3.91E-05	6.05E-04	2.37E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
218	0.96033	3.96E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
220	0.90085	3.96E-05	3.57E-05	6.05E-04	2.16E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
221	0.87036	3.96E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
222	0.95663	3.96E-05	3.79E-05	6.05E-04	2.29E-08	14	4.71E-02	1.51E-08	1,000,000	1.51E-02
223	0.93262	3.96E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
224	0.90688	3.96E-05	3.59E-05	6.05E-04	2.17E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
225	0.88014	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
226	0.85239	3.96E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
227	0.90381	3.96E-05	3.58E-05	6.05E-04	2.17E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
228	0.8816	3.96E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
229	0.85808	3.96E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
230	0.83325	3.96E-05	3.30E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
231	0.85545	3.96E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
232	0.83509	3.96E-05	3.31E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
233	0.81339	3.96E-05	3.22E-05	6.05E-04	1.95E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
234	0.79057	3.96E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
235	0.81125	3.96E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
236	0.79245	3.96E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
237	0.77225	3.96E-05	3.06E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
238	0.75137	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
239	0.77067	3.96E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
240	0.75319	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
241	0.73446	3.96E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
242	0.71525	3.96E-05	2.83E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
243	0.8189	3.96E-05	3.24E-05	6.05E-04	1.96E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
244	0.81837	3.96E-05	3.24E-05	6.05E-04	1.96E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
245	0.81504	3.96E-05	3.23E-05	6.05E-04	1.95E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
246	0.80908	3.96E-05	3.20E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
247	0.80063	3.96E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
248	0.7899	3.96E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
249	0.77712	3.96E-05	3.08E-05	6.05E-04	1.86E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
250	0.7809	3.96E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
251	0.77971	3.96E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.07E-05	6.05E-04	1.86E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
253	0.77005	3.96E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
254	0.76183	3.96E-05	3.02E-05	6.05E-04	1.83E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
255	0.7516	3.96E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
256	0.73943	3.96E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
257	0.74551	3.96E-05	2.95E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
258	0.74381	3.96E-05	2.95E-05	6.05E-04	1.78E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
259	0.73991	3.96E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
260	0.73391	3.96E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
261	0.72596	3.96E-05	2.87E-05	6.05E-04	1.74E-08	14	4.71E-02	1.15E-08	1,000,000	1.15E-02
262	0.7162	3.96E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
263	0.70476	3.96E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
264	0.71229	3.96E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
265	0.71038	3.96E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
266	0.70634	3.96E-05	2.80E-05	6.05E-04	1.69E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
267	0.70039	3.96E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
268	0.6927	3.96E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
269	0.68343	3.96E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
270	0.67267	3.96E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
271	0.6815	3.96E-05	2.70E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
272	0.67926	3.96E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
273	0.67511	3.96E-05	2.67E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
274	0.66925	3.96E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
275	0.66183	3.96E-05	2.62E-05	6.05E-04	1.59E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
276	0.65298	3.96E-05	2.59E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
277	0.64285	3.96E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
278	0.6449	3.96E-05	2.55E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
279	0.65769	3.96E-05	2.60E-05	6.05E-04	1.58E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
280	0.68919	3.96E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
281	0.68179	3.96E-05	2.70E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
282	0.71591	3.96E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
283	0.65043	3.96E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	4.23249	3.96E-05	1.68E-04	6.05E-04	1.01E-07	10	4.71E-02	4.78E-08	1,000,000	4.78E-02
27	4.84465	3.96E-05	1.92E-04	6.05E-04	1.16E-07	10	4.71E-02	5.47E-08	1,000,000	5.47E-02
28	5.62171	3.96E-05	2.23E-04	6.05E-04	1.35E-07	10	4.71E-02	6.35E-08	1,000,000	6.35E-02
29	6.61654	3.96E-05	2.62E-04	6.05E-04	1.59E-07	10	4.71E-02	7.47E-08	1,000,000	7.47E-02
30	7.88532	3.96E-05	3.12E-04	6.05E-04	1.89E-07	10	4.71E-02	8.91E-08	1,000,000	8.91E-02
31	9.46169	3.96E-05	3.75E-04	6.05E-04	2.27E-07	10	4.71E-02	1.07E-07	1,000,000	1.07E-01
32	11.30189	3.96E-05	4.48E-04	6.05E-04	2.71E-07	10	4.71E-02	1.28E-07	1,000,000	1.28E-01
33	13.21552	3.96E-05	5.23E-04	6.05E-04	3.17E-07	10	4.71E-02	1.49E-07	1,000,000	1.49E-01
34	14.86375	3.96E-05	5.89E-04	6.05E-04	3.56E-07	10	4.71E-02	1.68E-07	1,000,000	1.68E-01
35	15.94494	3.96E-05	6.31E-04	6.05E-04	3.82E-07	10	4.71E-02	1.80E-07	1,000,000	1.80E-01
36	16.3478	3.96E-05	6.47E-04	6.05E-04	3.92E-07	10	4.71E-02	1.85E-07	1,000,000	1.85E-01
37	4.21083	3.96E-05	1.67E-04	6.05E-04	1.01E-07	10	4.71E-02	4.76E-08	1,000,000	4.76E-02
38	4.80821	3.96E-05	1.90E-04	6.05E-04	1.15E-07	10	4.71E-02	5.43E-08	1,000,000	5.43E-02
39	5.54926	3.96E-05	2.20E-04	6.05E-04	1.33E-07	10	4.71E-02	6.27E-08	1,000,000	6.27E-02
40	6.46493	3.96E-05	2.56E-04	6.05E-04	1.55E-07	10	4.71E-02	7.30E-08	1,000,000	7.30E-02
41	7.57568	3.96E-05	3.00E-04	6.05E-04	1.82E-07	10	4.71E-02	8.56E-08	1,000,000	8.56E-02
42	8.86996	3.96E-05	3.51E-04	6.05E-04	2.13E-07	10	4.71E-02	1.00E-07	1,000,000	1.00E-01
43	10.27521	3.96E-05	4.07E-04	6.05E-04	2.46E-07	10	4.71E-02	1.16E-07	1,000,000	1.16E-01
44	11.64133	3.96E-05	4.61E-04	6.05E-04	2.79E-07	10	4.71E-02	1.31E-07	1,000,000	1.31E-01
45	12.7714	3.96E-05	5.06E-04	6.05E-04	3.06E-07	10	4.71E-02	1.44E-07	1,000,000	1.44E-01
46	13.52652	3.96E-05	5.36E-04	6.05E-04	3.24E-07	10	4.71E-02	1.53E-07	1,000,000	1.53E-01
47	13.8546	3.96E-05	5.49E-04	6.05E-04	3.32E-07	10	4.71E-02	1.56E-07	1,000,000	1.56E-01
48	4.18155	3.96E-05	1.66E-04	6.05E-04	1.00E-07	10	4.71E-02	4.72E-08	1,000,000	4.72E-02
49	4.75442	3.96E-05	1.88E-04	6.05E-04	1.14E-07	10	4.71E-02	5.37E-08	1,000,000	5.37E-02
50	5.44582	3.96E-05	2.16E-04	6.05E-04	1.30E-07	10	4.71E-02	6.15E-08	1,000,000	6.15E-02
51	6.26883	3.96E-05	2.48E-04	6.05E-04	1.50E-07	10	4.71E-02	7.08E-08	1,000,000	7.08E-02
52	7.22134	3.96E-05	2.86E-04	6.05E-04	1.73E-07	10	4.71E-02	8.16E-08	1,000,000	8.16E-02
53	8.27281	3.96E-05	3.28E-04	6.05E-04	1.98E-07	10	4.71E-02	9.34E-08	1,000,000	9.34E-02
54	9.35344	3.96E-05	3.70E-04	6.05E-04	2.24E-07	10	4.71E-02	1.06E-07	1,000,000	1.06E-01
55	10.35712	3.96E-05	4.10E-04	6.05E-04	2.48E-07	10	4.71E-02	1.17E-07	1,000,000	1.17E-01
56	11.16855	3.96E-05	4.42E-04	6.05E-04	2.68E-07	10	4.71E-02	1.26E-07	1,000,000	1.26E-01
57	11.72067	3.96E-05	4.64E-04	6.05E-04	2.81E-07	10	4.71E-02	1.32E-07	1,000,000	1.32E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	4.75E-04	6.05E-04	2.87E-07	10	4.71E-02	1.35E-07	1,000,000	1.35E-01
59	4.14049	3.96E-05	1.64E-04	6.05E-04	9.92E-08	10	4.71E-02	4.68E-08	1,000,000	4.68E-02
60	4.68044	3.96E-05	1.85E-04	6.05E-04	1.12E-07	10	4.71E-02	5.29E-08	1,000,000	5.29E-02
61	5.31348	3.96E-05	2.10E-04	6.05E-04	1.27E-07	10	4.71E-02	6.00E-08	1,000,000	6.00E-02
62	6.04037	3.96E-05	2.39E-04	6.05E-04	1.45E-07	10	4.71E-02	6.82E-08	1,000,000	6.82E-02
63	6.84733	3.96E-05	2.71E-04	6.05E-04	1.64E-07	10	4.71E-02	7.73E-08	1,000,000	7.73E-02
64	7.69973	3.96E-05	3.05E-04	6.05E-04	1.84E-07	10	4.71E-02	8.70E-08	1,000,000	8.70E-02
65	8.54033	3.96E-05	3.38E-04	6.05E-04	2.05E-07	10	4.71E-02	9.65E-08	1,000,000	9.65E-02
66	9.29682	3.96E-05	3.68E-04	6.05E-04	2.23E-07	10	4.71E-02	1.05E-07	1,000,000	1.05E-01
67	9.90008	3.96E-05	3.92E-04	6.05E-04	2.37E-07	10	4.71E-02	1.12E-07	1,000,000	1.12E-01
68	10.31671	3.96E-05	4.09E-04	6.05E-04	2.47E-07	10	4.71E-02	1.17E-07	1,000,000	1.17E-01
69	10.52893	3.96E-05	4.17E-04	6.05E-04	2.52E-07	10	4.71E-02	1.19E-07	1,000,000	1.19E-01
70	4.08561	3.96E-05	1.62E-04	6.05E-04	9.79E-08	10	4.71E-02	4.62E-08	1,000,000	4.62E-02
71	4.58676	3.96E-05	1.82E-04	6.05E-04	1.10E-07	10	4.71E-02	5.18E-08	1,000,000	5.18E-02
72	5.15779	3.96E-05	2.04E-04	6.05E-04	1.24E-07	10	4.71E-02	5.83E-08	1,000,000	5.83E-02
73	5.79219	3.96E-05	2.29E-04	6.05E-04	1.39E-07	10	4.71E-02	6.54E-08	1,000,000	6.54E-02
74	6.47177	3.96E-05	2.56E-04	6.05E-04	1.55E-07	10	4.71E-02	7.31E-08	1,000,000	7.31E-02
75	7.1646	3.96E-05	2.84E-04	6.05E-04	1.72E-07	10	4.71E-02	8.09E-08	1,000,000	8.09E-02
76	7.82678	3.96E-05	3.10E-04	6.05E-04	1.88E-07	10	4.71E-02	8.84E-08	1,000,000	8.84E-02
77	8.40942	3.96E-05	3.33E-04	6.05E-04	2.01E-07	10	4.71E-02	9.50E-08	1,000,000	9.50E-02
78	8.86983	3.96E-05	3.51E-04	6.05E-04	2.13E-07	10	4.71E-02	1.00E-07	1,000,000	1.00E-01
79	9.19127	3.96E-05	3.64E-04	6.05E-04	2.20E-07	10	4.71E-02	1.04E-07	1,000,000	1.04E-01
80	9.36139	3.96E-05	3.71E-04	6.05E-04	2.24E-07	10	4.71E-02	1.06E-07	1,000,000	1.06E-01
81	4.01682	3.96E-05	1.59E-04	6.05E-04	9.62E-08	10	4.71E-02	4.54E-08	1,000,000	4.54E-02
82	4.47603	3.96E-05	1.77E-04	6.05E-04	1.07E-07	10	4.71E-02	5.06E-08	1,000,000	5.06E-02
83	4.98543	3.96E-05	1.97E-04	6.05E-04	1.19E-07	10	4.71E-02	5.63E-08	1,000,000	5.63E-02
84	5.53499	3.96E-05	2.19E-04	6.05E-04	1.33E-07	10	4.71E-02	6.25E-08	1,000,000	6.25E-02
85	6.1062	3.96E-05	2.42E-04	6.05E-04	1.46E-07	10	4.71E-02	6.90E-08	1,000,000	6.90E-02
86	6.67215	3.96E-05	2.64E-04	6.05E-04	1.60E-07	10	4.71E-02	7.54E-08	1,000,000	7.54E-02
87	7.20017	3.96E-05	2.85E-04	6.05E-04	1.73E-07	10	4.71E-02	8.13E-08	1,000,000	8.13E-02
88	7.65696	3.96E-05	3.03E-04	6.05E-04	1.83E-07	10	4.71E-02	8.65E-08	1,000,000	8.65E-02
89	8.01539	3.96E-05	3.17E-04	6.05E-04	1.92E-07	10	4.71E-02	9.05E-08	1,000,000	9.05E-02
90	8.26727	3.96E-05	3.27E-04	6.05E-04	1.98E-07	10	4.71E-02	9.34E-08	1,000,000	9.34E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	3.33E-04	6.05E-04	2.01E-07	10	4.71E-02	9.49E-08	1,000,000	9.49E-02
92	3.93535	3.96E-05	1.56E-04	6.05E-04	9.43E-08	10	4.71E-02	4.45E-08	1,000,000	4.45E-02
93	4.35187	3.96E-05	1.72E-04	6.05E-04	1.04E-07	10	4.71E-02	4.92E-08	1,000,000	4.92E-02
94	4.80273	3.96E-05	1.90E-04	6.05E-04	1.15E-07	10	4.71E-02	5.43E-08	1,000,000	5.43E-02
95	5.27679	3.96E-05	2.09E-04	6.05E-04	1.26E-07	10	4.71E-02	5.96E-08	1,000,000	5.96E-02
96	5.7572	3.96E-05	2.28E-04	6.05E-04	1.38E-07	10	4.71E-02	6.50E-08	1,000,000	6.50E-02
97	6.2223	3.96E-05	2.46E-04	6.05E-04	1.49E-07	10	4.71E-02	7.03E-08	1,000,000	7.03E-02
98	6.64799	3.96E-05	2.63E-04	6.05E-04	1.59E-07	10	4.71E-02	7.51E-08	1,000,000	7.51E-02
99	7.01133	3.96E-05	2.78E-04	6.05E-04	1.68E-07	10	4.71E-02	7.92E-08	1,000,000	7.92E-02
100	7.29457	3.96E-05	2.89E-04	6.05E-04	1.75E-07	10	4.71E-02	8.24E-08	1,000,000	8.24E-02
101	7.4941	3.96E-05	2.97E-04	6.05E-04	1.80E-07	10	4.71E-02	8.47E-08	1,000,000	8.47E-02
102	7.60268	3.96E-05	3.01E-04	6.05E-04	1.82E-07	10	4.71E-02	8.59E-08	1,000,000	8.59E-02
103	5.0627	3.96E-05	2.00E-04	6.05E-04	1.21E-07	10	4.71E-02	5.72E-08	1,000,000	5.72E-02
104	5.47348	3.96E-05	2.17E-04	6.05E-04	1.31E-07	10	4.71E-02	6.18E-08	1,000,000	6.18E-02
105	5.85483	3.96E-05	2.32E-04	6.05E-04	1.40E-07	10	4.71E-02	6.61E-08	1,000,000	6.61E-02
106	6.21627	3.96E-05	2.46E-04	6.05E-04	1.49E-07	10	4.71E-02	7.02E-08	1,000,000	7.02E-02
107	6.45152	3.96E-05	2.55E-04	6.05E-04	1.55E-07	10	4.71E-02	7.29E-08	1,000,000	7.29E-02
108	6.67788	3.96E-05	2.64E-04	6.05E-04	1.60E-07	10	4.71E-02	7.54E-08	1,000,000	7.54E-02
109	6.83709	3.96E-05	2.71E-04	6.05E-04	1.64E-07	10	4.71E-02	7.72E-08	1,000,000	7.72E-02
110	6.92328	3.96E-05	2.74E-04	6.05E-04	1.66E-07	10	4.71E-02	7.82E-08	1,000,000	7.82E-02
111	4.65543	3.96E-05	1.84E-04	6.05E-04	1.12E-07	10	4.71E-02	5.26E-08	1,000,000	5.26E-02
112	4.20321	3.96E-05	1.66E-04	6.05E-04	1.01E-07	10	4.71E-02	4.75E-08	1,000,000	4.75E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.34193	3.96E-05	1.35E-05	2.50E-04	3.39E-09	14	1.15E-02	5.44E-10	1000000.0	5.4E-04
2	0.35954	3.96E-05	1.42E-05	2.50E-04	3.56E-09	14	1.15E-02	5.72E-10	1,000,000	5.72E-04
3	0.37904	3.96E-05	1.50E-05	2.50E-04	3.76E-09	14	1.15E-02	6.03E-10	1,000,000	6.03E-04
4	0.39988	3.96E-05	1.58E-05	2.50E-04	3.96E-09	14	1.15E-02	6.36E-10	1,000,000	6.36E-04
5	0.4228	3.96E-05	1.67E-05	2.50E-04	4.19E-09	14	1.15E-02	6.73E-10	1,000,000	6.73E-04
6	0.34148	3.96E-05	1.35E-05	2.50E-04	3.38E-09	14	1.15E-02	5.44E-10	1,000,000	5.44E-04
7	0.35901	3.96E-05	1.42E-05	2.50E-04	3.56E-09	14	1.15E-02	5.71E-10	1,000,000	5.71E-04
8	0.37818	3.96E-05	1.50E-05	2.50E-04	3.75E-09	14	1.15E-02	6.02E-10	1,000,000	6.02E-04
9	0.39947	3.96E-05	1.58E-05	2.50E-04	3.96E-09	14	1.15E-02	6.36E-10	1,000,000	6.36E-04
10	0.42213	3.96E-05	1.67E-05	2.50E-04	4.18E-09	14	1.15E-02	6.72E-10	1,000,000	6.72E-04
11	0.34078	3.96E-05	1.35E-05	2.50E-04	3.38E-09	14	1.15E-02	5.42E-10	1,000,000	5.42E-04
12	0.35833	3.96E-05	1.42E-05	2.50E-04	3.55E-09	14	1.15E-02	5.70E-10	1,000,000	5.70E-04
13	0.37751	3.96E-05	1.49E-05	2.50E-04	3.74E-09	14	1.15E-02	6.01E-10	1,000,000	6.01E-04
14	0.39878	3.96E-05	1.58E-05	2.50E-04	3.95E-09	14	1.15E-02	6.35E-10	1,000,000	6.35E-04
15	0.42126	3.96E-05	1.67E-05	2.50E-04	4.18E-09	14	1.15E-02	6.71E-10	1,000,000	6.71E-04
16	0.34009	3.96E-05	1.35E-05	2.50E-04	3.37E-09	14	1.15E-02	5.41E-10	1,000,000	5.41E-04
17	0.35773	3.96E-05	1.42E-05	2.50E-04	3.55E-09	14	1.15E-02	5.69E-10	1,000,000	5.69E-04
18	0.37675	3.96E-05	1.49E-05	2.50E-04	3.73E-09	14	1.15E-02	6.00E-10	1,000,000	6.00E-04
19	0.39712	3.96E-05	1.57E-05	2.50E-04	3.94E-09	14	1.15E-02	6.32E-10	1,000,000	6.32E-04
20	0.41946	3.96E-05	1.66E-05	2.50E-04	4.16E-09	14	1.15E-02	6.68E-10	1,000,000	6.68E-04
21	0.33951	3.96E-05	1.34E-05	2.50E-04	3.36E-09	14	1.15E-02	5.40E-10	1,000,000	5.40E-04
22	0.357	3.96E-05	1.41E-05	2.50E-04	3.54E-09	14	1.15E-02	5.68E-10	1,000,000	5.68E-04
23	0.3759	3.96E-05	1.49E-05	2.50E-04	3.73E-09	14	1.15E-02	5.98E-10	1,000,000	5.98E-04
24	0.39613	3.96E-05	1.57E-05	2.50E-04	3.93E-09	14	1.15E-02	6.31E-10	1,000,000	6.31E-04
25	0.4176	3.96E-05	1.65E-05	2.50E-04	4.14E-09	14	1.15E-02	6.65E-10	1,000,000	6.65E-04
113	7.34627	3.96E-05	2.91E-04	2.50E-04	7.28E-08	14	1.15E-02	1.17E-08	1,000,000	1.17E-02
114	6.05276	3.96E-05	2.40E-04	2.50E-04	6.00E-08	14	1.15E-02	9.63E-09	1,000,000	9.63E-03
115	5.08606	3.96E-05	2.01E-04	2.50E-04	5.04E-08	14	1.15E-02	8.10E-09	1,000,000	8.10E-03
116	4.34509	3.96E-05	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
117	6.41729	3.96E-05	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
118	5.39267	3.96E-05	2.14E-04	2.50E-04	5.34E-08	14	1.15E-02	8.58E-09	1,000,000	8.58E-03
119	4.60188	3.96E-05	1.82E-04	2.50E-04	4.56E-08	14	1.15E-02	7.32E-09	1,000,000	7.32E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	3.98018	3.96E-05	1.58E-04	2.50E-04	3.94E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
121	5.61509	3.96E-05	2.22E-04	2.50E-04	5.57E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
122	4.79823	3.96E-05	1.90E-04	2.50E-04	4.76E-08	14	1.15E-02	7.64E-09	1,000,000	7.64E-03
123	4.1508	3.96E-05	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.61E-09	1,000,000	6.61E-03
124	3.6305	3.96E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
125	4.92861	3.96E-05	1.95E-04	2.50E-04	4.88E-08	14	1.15E-02	7.84E-09	1,000,000	7.84E-03
126	4.27282	3.96E-05	1.69E-04	2.50E-04	4.23E-08	14	1.15E-02	6.80E-09	1,000,000	6.80E-03
127	3.74081	3.96E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
128	3.3049	3.96E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.26E-09	1,000,000	5.26E-03
129	4.34137	3.96E-05	1.72E-04	2.50E-04	4.30E-08	14	1.15E-02	6.91E-09	1,000,000	6.91E-03
130	3.81188	3.96E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
131	3.37316	3.96E-05	1.34E-04	2.50E-04	3.34E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
132	3.00718	3.96E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.79E-09	1,000,000	4.79E-03
133	3.83865	3.96E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
134	3.4086	3.96E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
135	3.04557	3.96E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
136	2.73767	3.96E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
137	3.40915	3.96E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
138	2.75499	3.96E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
139	2.49517	3.96E-05	9.88E-05	2.50E-04	2.47E-08	14	1.15E-02	3.97E-09	1,000,000	3.97E-03
140	2.47409	3.96E-05	9.80E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
141	2.2648	3.96E-05	8.97E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
142	2.07997	3.96E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
143	1.91645	3.96E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
144	2.25171	3.96E-05	8.92E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
145	2.07161	3.96E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
146	1.91112	3.96E-05	7.57E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
147	1.76808	3.96E-05	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
148	2.06023	3.96E-05	8.16E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
149	1.9044	3.96E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
150	1.76416	3.96E-05	6.99E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
151	1.63811	3.96E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
152	1.89337	3.96E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	1.75812	3.96E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
154	1.63517	3.96E-05	6.48E-05	2.50E-04	1.62E-08	14	1.15E-02	2.60E-09	1,000,000	2.60E-03
155	1.52365	3.96E-05	6.03E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03
156	1.74647	3.96E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
157	1.62879	3.96E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
158	1.5208	3.96E-05	6.02E-05	2.50E-04	1.51E-08	14	1.15E-02	2.42E-09	1,000,000	2.42E-03
159	1.42197	3.96E-05	5.63E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
160	1.61617	3.96E-05	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
161	1.51345	3.96E-05	5.99E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
162	1.41845	3.96E-05	5.62E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
163	1.33062	3.96E-05	5.27E-05	2.50E-04	1.32E-08	14	1.15E-02	2.12E-09	1,000,000	2.12E-03
164	1.49999	3.96E-05	5.94E-05	2.50E-04	1.49E-08	14	1.15E-02	2.39E-09	1,000,000	2.39E-03
165	1.40998	3.96E-05	5.58E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
166	1.32537	3.96E-05	5.25E-05	2.50E-04	1.31E-08	14	1.15E-02	2.11E-09	1,000,000	2.11E-03
167	1.24744	3.96E-05	4.94E-05	2.50E-04	1.24E-08	14	1.15E-02	1.99E-09	1,000,000	1.99E-03
168	1.39597	3.96E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
169	1.31673	3.96E-05	5.21E-05	2.50E-04	1.30E-08	14	1.15E-02	2.10E-09	1,000,000	2.10E-03
170	1.2417	3.96E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
171	1.1725	3.96E-05	4.64E-05	2.50E-04	1.16E-08	14	1.15E-02	1.87E-09	1,000,000	1.87E-03
172	1.30254	3.96E-05	5.16E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03
173	1.23245	3.96E-05	4.88E-05	2.50E-04	1.22E-08	14	1.15E-02	1.96E-09	1,000,000	1.96E-03
174	1.16588	3.96E-05	4.62E-05	2.50E-04	1.16E-08	14	1.15E-02	1.86E-09	1,000,000	1.86E-03
175	1.10404	3.96E-05	4.37E-05	2.50E-04	1.09E-08	14	1.15E-02	1.76E-09	1,000,000	1.76E-03
176	1.21837	3.96E-05	4.82E-05	2.50E-04	1.21E-08	14	1.15E-02	1.94E-09	1,000,000	1.94E-03
177	1.15607	3.96E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
178	1.09669	3.96E-05	4.34E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
179	1.04132	3.96E-05	4.12E-05	2.50E-04	1.03E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
180	1.14231	3.96E-05	4.52E-05	2.50E-04	1.13E-08	14	1.15E-02	1.82E-09	1,000,000	1.82E-03
181	1.08646	3.96E-05	4.30E-05	2.50E-04	1.08E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
182	1.03341	3.96E-05	4.09E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
183	0.98373	3.96E-05	3.90E-05	2.50E-04	9.75E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
184	1.47032	3.96E-05	5.82E-05	2.50E-04	1.46E-08	14	1.15E-02	2.34E-09	1,000,000	2.34E-03
185	1.22693	3.96E-05	4.86E-05	2.50E-04	1.22E-08	14	1.15E-02	1.95E-09	1,000,000	1.95E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.1685	3.96E-05	4.63E-05	2.50E-04	1.16E-08	14	1.15E-02	1.86E-09	1,000,000	1.86E-03
187	1.11272	3.96E-05	4.41E-05	2.50E-04	1.10E-08	14	1.15E-02	1.77E-09	1,000,000	1.77E-03
188	1.05939	3.96E-05	4.20E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
189	1.20295	3.96E-05	4.76E-05	2.50E-04	1.19E-08	14	1.15E-02	1.91E-09	1,000,000	1.91E-03
190	1.14871	3.96E-05	4.55E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
191	1.09647	3.96E-05	4.34E-05	2.50E-04	1.09E-08	14	1.15E-02	1.75E-09	1,000,000	1.75E-03
192	1.04648	3.96E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
193	0.99827	3.96E-05	3.95E-05	2.50E-04	9.89E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
194	1.12668	3.96E-05	4.46E-05	2.50E-04	1.12E-08	14	1.15E-02	1.79E-09	1,000,000	1.79E-03
195	1.07816	3.96E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
196	1.03116	3.96E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
197	0.98567	3.96E-05	3.90E-05	2.50E-04	9.77E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
198	0.94272	3.96E-05	3.73E-05	2.50E-04	9.34E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
199	1.05795	3.96E-05	4.19E-05	2.50E-04	1.05E-08	14	1.15E-02	1.68E-09	1,000,000	1.68E-03
200	1.01429	3.96E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
201	0.97173	3.96E-05	3.85E-05	2.50E-04	9.63E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
202	0.93076	3.96E-05	3.69E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
203	0.89179	3.96E-05	3.53E-05	2.50E-04	8.84E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
204	1.15602	3.96E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
205	0.99573	3.96E-05	3.94E-05	2.50E-04	9.87E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
206	0.95628	3.96E-05	3.79E-05	2.50E-04	9.48E-09	14	1.15E-02	1.52E-09	1,000,000	1.52E-03
207	0.91746	3.96E-05	3.63E-05	2.50E-04	9.09E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
208	0.88058	3.96E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
209	1.08425	3.96E-05	4.29E-05	2.50E-04	1.07E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
210	1.04875	3.96E-05	4.15E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
211	1.01225	3.96E-05	4.01E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
212	0.97562	3.96E-05	3.86E-05	2.50E-04	9.67E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
213	0.9392	3.96E-05	3.72E-05	2.50E-04	9.31E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
214	0.90317	3.96E-05	3.58E-05	2.50E-04	8.95E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
215	0.86816	3.96E-05	3.44E-05	2.50E-04	8.60E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
216	1.01456	3.96E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
217	0.98857	3.96E-05	3.91E-05	2.50E-04	9.80E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
218	0.96033	3.96E-05	3.80E-05	2.50E-04	9.52E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	0.93108	3.96E-05	3.69E-05	2.50E-04	9.23E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
220	0.90085	3.96E-05	3.57E-05	2.50E-04	8.93E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
221	0.87036	3.96E-05	3.45E-05	2.50E-04	8.63E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
222	0.95663	3.96E-05	3.79E-05	2.50E-04	9.48E-09	14	1.15E-02	1.52E-09	1,000,000	1.52E-03
223	0.93262	3.96E-05	3.69E-05	2.50E-04	9.24E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
224	0.90688	3.96E-05	3.59E-05	2.50E-04	8.99E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
225	0.88014	3.96E-05	3.49E-05	2.50E-04	8.72E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
226	0.85239	3.96E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
227	0.90381	3.96E-05	3.58E-05	2.50E-04	8.96E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
228	0.8816	3.96E-05	3.49E-05	2.50E-04	8.74E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
229	0.85808	3.96E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
230	0.83325	3.96E-05	3.30E-05	2.50E-04	8.26E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
231	0.85545	3.96E-05	3.39E-05	2.50E-04	8.48E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
232	0.83509	3.96E-05	3.31E-05	2.50E-04	8.28E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
233	0.81339	3.96E-05	3.22E-05	2.50E-04	8.06E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
234	0.79057	3.96E-05	3.13E-05	2.50E-04	7.84E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
235	0.81125	3.96E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
236	0.79245	3.96E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
237	0.77225	3.96E-05	3.06E-05	2.50E-04	7.65E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
238	0.75137	3.96E-05	2.98E-05	2.50E-04	7.45E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
239	0.77067	3.96E-05	3.05E-05	2.50E-04	7.64E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
240	0.75319	3.96E-05	2.98E-05	2.50E-04	7.46E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
241	0.73446	3.96E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
242	0.71525	3.96E-05	2.83E-05	2.50E-04	7.09E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
243	0.8189	3.96E-05	3.24E-05	2.50E-04	8.12E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
244	0.81837	3.96E-05	3.24E-05	2.50E-04	8.11E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
245	0.81504	3.96E-05	3.23E-05	2.50E-04	8.08E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
246	0.80908	3.96E-05	3.20E-05	2.50E-04	8.02E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
247	0.80063	3.96E-05	3.17E-05	2.50E-04	7.93E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
248	0.7899	3.96E-05	3.13E-05	2.50E-04	7.83E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
249	0.77712	3.96E-05	3.08E-05	2.50E-04	7.70E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
250	0.7809	3.96E-05	3.09E-05	2.50E-04	7.74E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
251	0.77971	3.96E-05	3.09E-05	2.50E-04	7.73E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	0.77605	3.96E-05	3.07E-05	2.50E-04	7.69E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
253	0.77005	3.96E-05	3.05E-05	2.50E-04	7.63E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
254	0.76183	3.96E-05	3.02E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
255	0.7516	3.96E-05	2.98E-05	2.50E-04	7.45E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
256	0.73943	3.96E-05	2.93E-05	2.50E-04	7.33E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
257	0.74551	3.96E-05	2.95E-05	2.50E-04	7.39E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
258	0.74381	3.96E-05	2.95E-05	2.50E-04	7.37E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
259	0.73991	3.96E-05	2.93E-05	2.50E-04	7.33E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
260	0.73391	3.96E-05	2.91E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
261	0.72596	3.96E-05	2.87E-05	2.50E-04	7.19E-09	14	1.15E-02	1.16E-09	1,000,000	1.16E-03
262	0.7162	3.96E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
263	0.70476	3.96E-05	2.79E-05	2.50E-04	6.98E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
264	0.71229	3.96E-05	2.82E-05	2.50E-04	7.06E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
265	0.71038	3.96E-05	2.81E-05	2.50E-04	7.04E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
266	0.70634	3.96E-05	2.80E-05	2.50E-04	7.00E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
267	0.70039	3.96E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
268	0.6927	3.96E-05	2.74E-05	2.50E-04	6.87E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
269	0.68343	3.96E-05	2.71E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
270	0.67267	3.96E-05	2.66E-05	2.50E-04	6.67E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
271	0.6815	3.96E-05	2.70E-05	2.50E-04	6.75E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
272	0.67926	3.96E-05	2.69E-05	2.50E-04	6.73E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
273	0.67511	3.96E-05	2.67E-05	2.50E-04	6.69E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
274	0.66925	3.96E-05	2.65E-05	2.50E-04	6.63E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
275	0.66183	3.96E-05	2.62E-05	2.50E-04	6.56E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
276	0.65298	3.96E-05	2.59E-05	2.50E-04	6.47E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
277	0.64285	3.96E-05	2.55E-05	2.50E-04	6.37E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
278	0.6449	3.96E-05	2.55E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
279	0.65769	3.96E-05	2.60E-05	2.50E-04	6.52E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
280	0.68919	3.96E-05	2.73E-05	2.50E-04	6.83E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
281	0.68179	3.96E-05	2.70E-05	2.50E-04	6.76E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
282	0.71591	3.96E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
283	0.65043	3.96E-05	2.58E-05	2.50E-04	6.45E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	4.23249	3.96E-05	1.68E-04	2.50E-04	4.19E-08	30	1.15E-02	1.44E-08	1,000,000	1.44E-02
27	4.84465	3.96E-05	1.92E-04	2.50E-04	4.80E-08	30	1.15E-02	1.65E-08	1,000,000	1.65E-02
28	5.62171	3.96E-05	2.23E-04	2.50E-04	5.57E-08	30	1.15E-02	1.92E-08	1,000,000	1.92E-02
29	6.61654	3.96E-05	2.62E-04	2.50E-04	6.56E-08	30	1.15E-02	2.26E-08	1,000,000	2.26E-02
30	7.88532	3.96E-05	3.12E-04	2.50E-04	7.82E-08	30	1.15E-02	2.69E-08	1,000,000	2.69E-02
31	9.46169	3.96E-05	3.75E-04	2.50E-04	9.38E-08	30	1.15E-02	3.23E-08	1,000,000	3.23E-02
32	11.30189	3.96E-05	4.48E-04	2.50E-04	1.12E-07	30	1.15E-02	3.85E-08	1,000,000	3.85E-02
33	13.21552	3.96E-05	5.23E-04	2.50E-04	1.31E-07	30	1.15E-02	4.51E-08	1,000,000	4.51E-02
34	14.86375	3.96E-05	5.89E-04	2.50E-04	1.47E-07	30	1.15E-02	5.07E-08	1,000,000	5.07E-02
35	15.94494	3.96E-05	6.31E-04	2.50E-04	1.58E-07	30	1.15E-02	5.44E-08	1,000,000	5.44E-02
36	16.3478	3.96E-05	6.47E-04	2.50E-04	1.62E-07	30	1.15E-02	5.58E-08	1,000,000	5.58E-02
37	4.21083	3.96E-05	1.67E-04	2.50E-04	4.17E-08	30	1.15E-02	1.44E-08	1,000,000	1.44E-02
38	4.80821	3.96E-05	1.90E-04	2.50E-04	4.77E-08	30	1.15E-02	1.64E-08	1,000,000	1.64E-02
39	5.54926	3.96E-05	2.20E-04	2.50E-04	5.50E-08	30	1.15E-02	1.89E-08	1,000,000	1.89E-02
40	6.46493	3.96E-05	2.56E-04	2.50E-04	6.41E-08	30	1.15E-02	2.21E-08	1,000,000	2.21E-02
41	7.57568	3.96E-05	3.00E-04	2.50E-04	7.51E-08	30	1.15E-02	2.58E-08	1,000,000	2.58E-02
42	8.86996	3.96E-05	3.51E-04	2.50E-04	8.79E-08	30	1.15E-02	3.03E-08	1,000,000	3.03E-02
43	10.27521	3.96E-05	4.07E-04	2.50E-04	1.02E-07	30	1.15E-02	3.50E-08	1,000,000	3.50E-02
44	11.64133	3.96E-05	4.61E-04	2.50E-04	1.15E-07	30	1.15E-02	3.97E-08	1,000,000	3.97E-02
45	12.7714	3.96E-05	5.06E-04	2.50E-04	1.27E-07	30	1.15E-02	4.36E-08	1,000,000	4.36E-02
46	13.52652	3.96E-05	5.36E-04	2.50E-04	1.34E-07	30	1.15E-02	4.61E-08	1,000,000	4.61E-02
47	13.8546	3.96E-05	5.49E-04	2.50E-04	1.37E-07	30	1.15E-02	4.73E-08	1,000,000	4.73E-02
48	4.18155	3.96E-05	1.66E-04	2.50E-04	4.14E-08	30	1.15E-02	1.43E-08	1,000,000	1.43E-02
49	4.75442	3.96E-05	1.88E-04	2.50E-04	4.71E-08	30	1.15E-02	1.62E-08	1,000,000	1.62E-02
50	5.44582	3.96E-05	2.16E-04	2.50E-04	5.40E-08	30	1.15E-02	1.86E-08	1,000,000	1.86E-02
51	6.26883	3.96E-05	2.48E-04	2.50E-04	6.21E-08	30	1.15E-02	2.14E-08	1,000,000	2.14E-02
52	7.22134	3.96E-05	2.86E-04	2.50E-04	7.16E-08	30	1.15E-02	2.46E-08	1,000,000	2.46E-02
53	8.27281	3.96E-05	3.28E-04	2.50E-04	8.20E-08	30	1.15E-02	2.82E-08	1,000,000	2.82E-02
54	9.35344	3.96E-05	3.70E-04	2.50E-04	9.27E-08	30	1.15E-02	3.19E-08	1,000,000	3.19E-02
55	10.35712	3.96E-05	4.10E-04	2.50E-04	1.03E-07	30	1.15E-02	3.53E-08	1,000,000	3.53E-02
56	11.16855	3.96E-05	4.42E-04	2.50E-04	1.11E-07	30	1.15E-02	3.81E-08	1,000,000	3.81E-02
57	11.72067	3.96E-05	4.64E-04	2.50E-04	1.16E-07	30	1.15E-02	4.00E-08	1,000,000	4.00E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	11.98497	3.96E-05	4.75E-04	2.50E-04	1.19E-07	30	1.15E-02	4.09E-08	1,000,000	4.09E-02
59	4.14049	3.96E-05	1.64E-04	2.50E-04	4.10E-08	30	1.15E-02	1.41E-08	1,000,000	1.41E-02
60	4.68044	3.96E-05	1.85E-04	2.50E-04	4.64E-08	30	1.15E-02	1.60E-08	1,000,000	1.60E-02
61	5.31348	3.96E-05	2.10E-04	2.50E-04	5.27E-08	30	1.15E-02	1.81E-08	1,000,000	1.81E-02
62	6.04037	3.96E-05	2.39E-04	2.50E-04	5.99E-08	30	1.15E-02	2.06E-08	1,000,000	2.06E-02
63	6.84733	3.96E-05	2.71E-04	2.50E-04	6.79E-08	30	1.15E-02	2.34E-08	1,000,000	2.34E-02
64	7.69973	3.96E-05	3.05E-04	2.50E-04	7.63E-08	30	1.15E-02	2.63E-08	1,000,000	2.63E-02
65	8.54033	3.96E-05	3.38E-04	2.50E-04	8.46E-08	30	1.15E-02	2.91E-08	1,000,000	2.91E-02
66	9.29682	3.96E-05	3.68E-04	2.50E-04	9.21E-08	30	1.15E-02	3.17E-08	1,000,000	3.17E-02
67	9.90008	3.96E-05	3.92E-04	2.50E-04	9.81E-08	30	1.15E-02	3.38E-08	1,000,000	3.38E-02
68	10.31671	3.96E-05	4.09E-04	2.50E-04	1.02E-07	30	1.15E-02	3.52E-08	1,000,000	3.52E-02
69	10.52893	3.96E-05	4.17E-04	2.50E-04	1.04E-07	30	1.15E-02	3.59E-08	1,000,000	3.59E-02
70	4.08561	3.96E-05	1.62E-04	2.50E-04	4.05E-08	30	1.15E-02	1.39E-08	1,000,000	1.39E-02
71	4.58676	3.96E-05	1.82E-04	2.50E-04	4.55E-08	30	1.15E-02	1.56E-08	1,000,000	1.56E-02
72	5.15779	3.96E-05	2.04E-04	2.50E-04	5.11E-08	30	1.15E-02	1.76E-08	1,000,000	1.76E-02
73	5.79219	3.96E-05	2.29E-04	2.50E-04	5.74E-08	30	1.15E-02	1.98E-08	1,000,000	1.98E-02
74	6.47177	3.96E-05	2.56E-04	2.50E-04	6.41E-08	30	1.15E-02	2.21E-08	1,000,000	2.21E-02
75	7.1646	3.96E-05	2.84E-04	2.50E-04	7.10E-08	30	1.15E-02	2.44E-08	1,000,000	2.44E-02
76	7.82678	3.96E-05	3.10E-04	2.50E-04	7.76E-08	30	1.15E-02	2.67E-08	1,000,000	2.67E-02
77	8.40942	3.96E-05	3.33E-04	2.50E-04	8.33E-08	30	1.15E-02	2.87E-08	1,000,000	2.87E-02
78	8.86983	3.96E-05	3.51E-04	2.50E-04	8.79E-08	30	1.15E-02	3.03E-08	1,000,000	3.03E-02
79	9.19127	3.96E-05	3.64E-04	2.50E-04	9.11E-08	30	1.15E-02	3.13E-08	1,000,000	3.13E-02
80	9.36139	3.96E-05	3.71E-04	2.50E-04	9.28E-08	30	1.15E-02	3.19E-08	1,000,000	3.19E-02
81	4.01682	3.96E-05	1.59E-04	2.50E-04	3.98E-08	30	1.15E-02	1.37E-08	1,000,000	1.37E-02
82	4.47603	3.96E-05	1.77E-04	2.50E-04	4.44E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
83	4.98543	3.96E-05	1.97E-04	2.50E-04	4.94E-08	30	1.15E-02	1.70E-08	1,000,000	1.70E-02
84	5.53499	3.96E-05	2.19E-04	2.50E-04	5.49E-08	30	1.15E-02	1.89E-08	1,000,000	1.89E-02
85	6.1062	3.96E-05	2.42E-04	2.50E-04	6.05E-08	30	1.15E-02	2.08E-08	1,000,000	2.08E-02
86	6.67215	3.96E-05	2.64E-04	2.50E-04	6.61E-08	30	1.15E-02	2.28E-08	1,000,000	2.28E-02
87	7.20017	3.96E-05	2.85E-04	2.50E-04	7.14E-08	30	1.15E-02	2.46E-08	1,000,000	2.46E-02
88	7.65696	3.96E-05	3.03E-04	2.50E-04	7.59E-08	30	1.15E-02	2.61E-08	1,000,000	2.61E-02
89	8.01539	3.96E-05	3.17E-04	2.50E-04	7.94E-08	30	1.15E-02	2.73E-08	1,000,000	2.73E-02
90	8.26727	3.96E-05	3.27E-04	2.50E-04	8.19E-08	30	1.15E-02	2.82E-08	1,000,000	2.82E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Cancer Risk From Haul1B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	8.40339	3.96E-05	3.33E-04	2.50E-04	8.33E-08	30	1.15E-02	2.87E-08	1,000,000	2.87E-02
92	3.93535	3.96E-05	1.56E-04	2.50E-04	3.90E-08	30	1.15E-02	1.34E-08	1,000,000	1.34E-02
93	4.35187	3.96E-05	1.72E-04	2.50E-04	4.31E-08	30	1.15E-02	1.48E-08	1,000,000	1.48E-02
94	4.80273	3.96E-05	1.90E-04	2.50E-04	4.76E-08	30	1.15E-02	1.64E-08	1,000,000	1.64E-02
95	5.27679	3.96E-05	2.09E-04	2.50E-04	5.23E-08	30	1.15E-02	1.80E-08	1,000,000	1.80E-02
96	5.7572	3.96E-05	2.28E-04	2.50E-04	5.71E-08	30	1.15E-02	1.96E-08	1,000,000	1.96E-02
97	6.2223	3.96E-05	2.46E-04	2.50E-04	6.17E-08	30	1.15E-02	2.12E-08	1,000,000	2.12E-02
98	6.64799	3.96E-05	2.63E-04	2.50E-04	6.59E-08	30	1.15E-02	2.27E-08	1,000,000	2.27E-02
99	7.01133	3.96E-05	2.78E-04	2.50E-04	6.95E-08	30	1.15E-02	2.39E-08	1,000,000	2.39E-02
100	7.29457	3.96E-05	2.89E-04	2.50E-04	7.23E-08	30	1.15E-02	2.49E-08	1,000,000	2.49E-02
101	7.4941	3.96E-05	2.97E-04	2.50E-04	7.43E-08	30	1.15E-02	2.56E-08	1,000,000	2.56E-02
102	7.60268	3.96E-05	3.01E-04	2.50E-04	7.53E-08	30	1.15E-02	2.59E-08	1,000,000	2.59E-02
103	5.0627	3.96E-05	2.00E-04	2.50E-04	5.02E-08	30	1.15E-02	1.73E-08	1,000,000	1.73E-02
104	5.47348	3.96E-05	2.17E-04	2.50E-04	5.42E-08	30	1.15E-02	1.87E-08	1,000,000	1.87E-02
105	5.85483	3.96E-05	2.32E-04	2.50E-04	5.80E-08	30	1.15E-02	2.00E-08	1,000,000	2.00E-02
106	6.21627	3.96E-05	2.46E-04	2.50E-04	6.16E-08	30	1.15E-02	2.12E-08	1,000,000	2.12E-02
107	6.45152	3.96E-05	2.55E-04	2.50E-04	6.39E-08	30	1.15E-02	2.20E-08	1,000,000	2.20E-02
108	6.67788	3.96E-05	2.64E-04	2.50E-04	6.62E-08	30	1.15E-02	2.28E-08	1,000,000	2.28E-02
109	6.83709	3.96E-05	2.71E-04	2.50E-04	6.78E-08	30	1.15E-02	2.33E-08	1,000,000	2.33E-02
110	6.92328	3.96E-05	2.74E-04	2.50E-04	6.86E-08	30	1.15E-02	2.36E-08	1,000,000	2.36E-02
111	4.65543	3.96E-05	1.84E-04	2.50E-04	4.61E-08	30	1.15E-02	1.59E-08	1,000,000	1.59E-02
112	4.20321	3.96E-05	1.66E-04	2.50E-04	4.17E-08	30	1.15E-02	1.43E-08	1,000,000	1.43E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	9.2E-03	School	0.1847	36	5	8.12E-06	0.00039	36	School
2	9.6E-03	Res	0.1972	113	5	8.54E-06	0.0002	113	Res
3	1.0E-02	Teachers	0.056	36	5	9.01E-06	0.00039	36	Teachers
4	1.1E-02				5	9.50E-06			
5	1.1E-02				5	1.00E-05			
6	9.2E-03				5	8.11E-06			
7	9.6E-03				5	8.53E-06			
8	1.0E-02				5	8.99E-06			
9	1.1E-02				5	9.49E-06			
10	1.1E-02				5	1.00E-05			
11	9.1E-03				5	8.10E-06			
12	9.6E-03				5	8.51E-06			
13	1.0E-02				5	8.97E-06			
14	1.1E-02				5	9.48E-06			
15	1.1E-02				5	1.00E-05			
16	9.1E-03				5	8.08E-06			
17	9.6E-03				5	8.50E-06			
18	1.0E-02				5	8.95E-06			
19	1.1E-02				5	9.44E-06			
20	1.1E-02				5	9.97E-06			
21	9.1E-03				5	8.07E-06			
22	9.6E-03				5	8.48E-06			
23	1.0E-02				5	8.93E-06			
24	1.1E-02				5	9.41E-06			
25	1.1E-02				5	9.92E-06			
113	2.0E-01				5	1.75E-04			
114	1.6E-01				5	1.44E-04			
115	1.4E-01				5	1.21E-04			
116	1.2E-01				5	1.03E-04			
117	1.7E-01				5	1.52E-04			
118	1.4E-01				5	1.28E-04			
119	1.2E-01				5	1.09E-04			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.1E-01				5	9.46E-05		
121	1.5E-01				5	1.33E-04		
122	1.3E-01				5	1.14E-04		
123	1.1E-01				5	9.86E-05		
124	9.7E-02				5	8.63E-05		
125	1.3E-01				5	1.17E-04		
126	1.1E-01				5	1.02E-04		
127	1.0E-01				5	8.89E-05		
128	8.9E-02				5	7.85E-05		
129	1.2E-01				5	1.03E-04		
130	1.0E-01				5	9.06E-05		
131	9.1E-02				5	8.01E-05		
132	8.1E-02				5	7.15E-05		
133	1.0E-01				5	9.12E-05		
134	9.1E-02				5	8.10E-05		
135	8.2E-02				5	7.24E-05		
136	7.3E-02				5	6.50E-05		
137	9.1E-02				5	8.10E-05		
138	7.4E-02				5	6.55E-05		
139	6.7E-02				5	5.93E-05		
140	6.6E-02				5	5.88E-05		
141	6.1E-02				5	5.38E-05		
142	5.6E-02				5	4.94E-05		
143	5.1E-02				5	4.55E-05		
144	6.0E-02				5	5.35E-05		
145	5.6E-02				5	4.92E-05		
146	5.1E-02				5	4.54E-05		
147	4.7E-02				5	4.20E-05		
148	5.5E-02				5	4.90E-05		
149	5.1E-02				5	4.52E-05		
150	4.7E-02				5	4.19E-05		
151	4.4E-02				5	3.89E-05		
152	5.1E-02				5	4.50E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	4.7E-02				5	4.18E-05		
154	4.4E-02				5	3.89E-05		
155	4.1E-02				5	3.62E-05		
156	4.7E-02				5	4.15E-05		
157	4.4E-02				5	3.87E-05		
158	4.1E-02				5	3.61E-05		
159	3.8E-02				5	3.38E-05		
160	4.3E-02				5	3.84E-05		
161	4.1E-02				5	3.60E-05		
162	3.8E-02				5	3.37E-05		
163	3.6E-02				5	3.16E-05		
164	4.0E-02				5	3.56E-05		
165	3.8E-02				5	3.35E-05		
166	3.6E-02				5	3.15E-05		
167	3.3E-02				5	2.96E-05		
168	3.7E-02				5	3.32E-05		
169	3.5E-02				5	3.13E-05		
170	3.3E-02				5	2.95E-05		
171	3.1E-02				5	2.79E-05		
172	3.5E-02				5	3.09E-05		
173	3.3E-02				5	2.93E-05		
174	3.1E-02				5	2.77E-05		
175	3.0E-02				5	2.62E-05		
176	3.3E-02				5	2.89E-05		
177	3.1E-02				5	2.75E-05		
178	2.9E-02				5	2.61E-05		
179	2.8E-02				5	2.47E-05		
180	3.1E-02				5	2.71E-05		
181	2.9E-02				5	2.58E-05		
182	2.8E-02				5	2.46E-05		
183	2.6E-02				5	2.34E-05		
184	3.9E-02				5	3.49E-05		
185	3.3E-02				5	2.92E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	3.1E-02				5	2.78E-05		
187	3.0E-02				5	2.64E-05		
188	2.8E-02				5	2.52E-05		
189	3.2E-02				5	2.86E-05		
190	3.1E-02				5	2.73E-05		
191	2.9E-02				5	2.61E-05		
192	2.8E-02				5	2.49E-05		
193	2.7E-02				5	2.37E-05		
194	3.0E-02				5	2.68E-05		
195	2.9E-02				5	2.56E-05		
196	2.8E-02				5	2.45E-05		
197	2.6E-02				5	2.34E-05		
198	2.5E-02				5	2.24E-05		
199	2.8E-02				5	2.51E-05		
200	2.7E-02				5	2.41E-05		
201	2.6E-02				5	2.31E-05		
202	2.5E-02				5	2.21E-05		
203	2.4E-02				5	2.12E-05		
204	3.1E-02				5	2.75E-05		
205	2.7E-02				5	2.37E-05		
206	2.6E-02				5	2.27E-05		
207	2.5E-02				5	2.18E-05		
208	2.4E-02				5	2.09E-05		
209	2.9E-02				5	2.58E-05		
210	2.8E-02				5	2.49E-05		
211	2.7E-02				5	2.41E-05		
212	2.6E-02				5	2.32E-05		
213	2.5E-02				5	2.23E-05		
214	2.4E-02				5	2.15E-05		
215	2.3E-02				5	2.06E-05		
216	2.7E-02				5	2.41E-05		
217	2.7E-02				5	2.35E-05		
218	2.6E-02				5	2.28E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	2.5E-02				5	2.21E-05		
220	2.4E-02				5	2.14E-05		
221	2.3E-02				5	2.07E-05		
222	2.6E-02				5	2.27E-05		
223	2.5E-02				5	2.22E-05		
224	2.4E-02				5	2.15E-05		
225	2.4E-02				5	2.09E-05		
226	2.3E-02				5	2.03E-05		
227	2.4E-02				5	2.15E-05		
228	2.4E-02				5	2.09E-05		
229	2.3E-02				5	2.04E-05		
230	2.2E-02				5	1.98E-05		
231	2.3E-02				5	2.03E-05		
232	2.2E-02				5	1.98E-05		
233	2.2E-02				5	1.93E-05		
234	2.1E-02				5	1.88E-05		
235	2.2E-02				5	1.93E-05		
236	2.1E-02				5	1.88E-05		
237	2.1E-02				5	1.83E-05		
238	2.0E-02				5	1.79E-05		
239	2.1E-02				5	1.83E-05		
240	2.0E-02				5	1.79E-05		
241	2.0E-02				5	1.75E-05		
242	1.9E-02				5	1.70E-05		
243	2.2E-02				5	1.95E-05		
244	2.2E-02				5	1.94E-05		
245	2.2E-02				5	1.94E-05		
246	2.2E-02				5	1.92E-05		
247	2.1E-02				5	1.90E-05		
248	2.1E-02				5	1.88E-05		
249	2.1E-02				5	1.85E-05		
250	2.1E-02				5	1.86E-05		
251	2.1E-02				5	1.85E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	2.1E-02				5	1.84E-05		
253	2.1E-02				5	1.83E-05		
254	2.0E-02				5	1.81E-05		
255	2.0E-02				5	1.79E-05		
256	2.0E-02				5	1.76E-05		
257	2.0E-02				5	1.77E-05		
258	2.0E-02				5	1.77E-05		
259	2.0E-02				5	1.76E-05		
260	2.0E-02				5	1.74E-05		
261	1.9E-02				5	1.72E-05		
262	1.9E-02				5	1.70E-05		
263	1.9E-02				5	1.67E-05		
264	1.9E-02				5	1.69E-05		
265	1.9E-02				5	1.69E-05		
266	1.9E-02				5	1.68E-05		
267	1.9E-02				5	1.66E-05		
268	1.9E-02				5	1.65E-05		
269	1.8E-02				5	1.62E-05		
270	1.8E-02				5	1.60E-05		
271	1.8E-02				5	1.62E-05		
272	1.8E-02				5	1.61E-05		
273	1.8E-02				5	1.60E-05		
274	1.8E-02				5	1.59E-05		
275	1.8E-02				5	1.57E-05		
276	1.8E-02				5	1.55E-05		
277	1.7E-02				5	1.53E-05		
278	1.7E-02				5	1.53E-05		
279	1.8E-02				5	1.56E-05		
280	1.8E-02				5	1.64E-05		
281	1.8E-02				5	1.62E-05		
282	1.9E-02				5	1.70E-05		
283	1.7E-02				5	1.55E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	4.8E-02	1.4E-02			5	1.01E-04		
27	5.5E-02	1.7E-02			5	1.15E-04		
28	6.4E-02	1.9E-02			5	1.34E-04		
29	7.5E-02	2.3E-02			5	1.57E-04		
30	8.9E-02	2.7E-02			5	1.87E-04		
31	1.1E-01	3.2E-02			5	2.25E-04		
32	1.3E-01	3.9E-02			5	2.69E-04		
33	1.5E-01	4.5E-02			5	3.14E-04		
34	1.7E-01	5.1E-02			5	3.53E-04		
35	1.8E-01	5.4E-02			5	3.79E-04		
36	1.8E-01	5.6E-02			5	3.88E-04		
37	4.8E-02	1.4E-02			5	1.00E-04		
38	5.4E-02	1.6E-02			5	1.14E-04		
39	6.3E-02	1.9E-02			5	1.32E-04		
40	7.3E-02	2.2E-02			5	1.54E-04		
41	8.6E-02	2.6E-02			5	1.80E-04		
42	1.0E-01	3.0E-02			5	2.11E-04		
43	1.2E-01	3.5E-02			5	2.44E-04		
44	1.3E-01	4.0E-02			5	2.77E-04		
45	1.4E-01	4.4E-02			5	3.03E-04		
46	1.5E-01	4.6E-02			5	3.21E-04		
47	1.6E-01	4.7E-02			5	3.29E-04		
48	4.7E-02	1.4E-02			5	9.94E-05		
49	5.4E-02	1.6E-02			5	1.13E-04		
50	6.2E-02	1.9E-02			5	1.29E-04		
51	7.1E-02	2.1E-02			5	1.49E-04		
52	8.2E-02	2.5E-02			5	1.72E-04		
53	9.3E-02	2.8E-02			5	1.97E-04		
54	1.1E-01	3.2E-02			5	2.22E-04		
55	1.2E-01	3.5E-02			5	2.46E-04		
56	1.3E-01	3.8E-02			5	2.65E-04		
57	1.3E-01	4.0E-02			5	2.78E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.4E-01	4.1E-02			5	2.85E-04		
59	4.7E-02	1.4E-02			5	9.84E-05		
60	5.3E-02	1.6E-02			5	1.11E-04		
61	6.0E-02	1.8E-02			5	1.26E-04		
62	6.8E-02	2.1E-02			5	1.44E-04		
63	7.7E-02	2.3E-02			5	1.63E-04		
64	8.7E-02	2.6E-02			5	1.83E-04		
65	9.6E-02	2.9E-02			5	2.03E-04		
66	1.1E-01	3.2E-02			5	2.21E-04		
67	1.1E-01	3.4E-02			5	2.35E-04		
68	1.2E-01	3.5E-02			5	2.45E-04		
69	1.2E-01	3.6E-02			5	2.50E-04		
70	4.6E-02	1.4E-02			5	9.71E-05		
71	5.2E-02	1.6E-02			5	1.09E-04		
72	5.8E-02	1.8E-02			5	1.23E-04		
73	6.5E-02	2.0E-02			5	1.38E-04		
74	7.3E-02	2.2E-02			5	1.54E-04		
75	8.1E-02	2.4E-02			5	1.70E-04		
76	8.8E-02	2.7E-02			5	1.86E-04		
77	9.5E-02	2.9E-02			5	2.00E-04		
78	1.0E-01	3.0E-02			5	2.11E-04		
79	1.0E-01	3.1E-02			5	2.18E-04		
80	1.1E-01	3.2E-02			5	2.22E-04		
81	4.5E-02	1.4E-02			5	9.54E-05		
82	5.1E-02	1.5E-02			5	1.06E-04		
83	5.6E-02	1.7E-02			5	1.18E-04		
84	6.3E-02	1.9E-02			5	1.32E-04		
85	6.9E-02	2.1E-02			5	1.45E-04		
86	7.5E-02	2.3E-02			5	1.59E-04		
87	8.1E-02	2.5E-02			5	1.71E-04		
88	8.6E-02	2.6E-02			5	1.82E-04		
89	9.1E-02	2.7E-02			5	1.90E-04		
90	9.3E-02	2.8E-02			5	1.96E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	9.5E-02	2.9E-02			5	2.00E-04		
92	4.4E-02	1.3E-02			5	9.35E-05		
93	4.9E-02	1.5E-02			5	1.03E-04		
94	5.4E-02	1.6E-02			5	1.14E-04		
95	6.0E-02	1.8E-02			5	1.25E-04		
96	6.5E-02	2.0E-02			5	1.37E-04		
97	7.0E-02	2.1E-02			5	1.48E-04		
98	7.5E-02	2.3E-02			5	1.58E-04		
99	7.9E-02	2.4E-02			5	1.67E-04		
100	8.2E-02	2.5E-02			5	1.73E-04		
101	8.5E-02	2.6E-02			5	1.78E-04		
102	8.6E-02	2.6E-02			5	1.81E-04		
103	5.7E-02	1.7E-02			5	1.20E-04		
104	6.2E-02	1.9E-02			5	1.30E-04		
105	6.6E-02	2.0E-02			5	1.39E-04		
106	7.0E-02	2.1E-02			5	1.48E-04		
107	7.3E-02	2.2E-02			5	1.53E-04		
108	7.5E-02	2.3E-02			5	1.59E-04		
109	7.7E-02	2.3E-02			5	1.62E-04		
110	7.8E-02	2.4E-02			5	1.64E-04		
111	5.3E-02	1.6E-02			5	1.11E-04		
112	4.7E-02	1.4E-02			5	9.99E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	**2.09E-05**	8.82E-06	1.05E-03	9.22E-09	1.45	1.57E-01	2.10E-09	1,000,000	2.10E-03
2	0.44702	2.0854E-05	9.3223E-06	1.05E-03	9.74E-09	1.45	1.57E-01	2.22E-09	1,000,000	2.22E-03
3	0.474	2.0854E-05	9.8849E-06	1.05E-03	1.03E-08	1.45	1.57E-01	2.35E-09	1,000,000	2.35E-03
4	0.50323	2.0854E-05	1.0495E-05	1.05E-03	1.10E-08	1.45	1.57E-01	2.50E-09	1,000,000	2.50E-03
5	0.53592	2.0854E-05	1.1176E-05	1.05E-03	1.17E-08	1.45	1.57E-01	2.66E-09	1,000,000	2.66E-03
6	0.42159	2.0854E-05	8.792E-06	1.05E-03	9.19E-09	1.45	1.57E-01	2.09E-09	1,000,000	2.09E-03
7	0.44558	2.0854E-05	9.2923E-06	1.05E-03	9.71E-09	1.45	1.57E-01	2.21E-09	1,000,000	2.21E-03
8	0.47218	2.0854E-05	9.847E-06	1.05E-03	1.03E-08	1.45	1.57E-01	2.35E-09	1,000,000	2.35E-03
9	0.5022	2.0854E-05	1.0473E-05	1.05E-03	1.09E-08	1.45	1.57E-01	2.49E-09	1,000,000	2.49E-03
10	0.53475	2.0854E-05	1.1152E-05	1.05E-03	1.17E-08	1.45	1.57E-01	2.66E-09	1,000,000	2.66E-03
11	0.41999	2.0854E-05	8.7586E-06	1.05E-03	9.15E-09	1.45	1.57E-01	2.09E-09	1,000,000	2.09E-03
12	0.44409	2.0854E-05	9.2612E-06	1.05E-03	9.68E-09	1.45	1.57E-01	2.21E-09	1,000,000	2.21E-03
13	0.47085	2.0854E-05	9.8193E-06	1.05E-03	1.03E-08	1.45	1.57E-01	2.34E-09	1,000,000	2.34E-03
14	0.50104	2.0854E-05	1.0449E-05	1.05E-03	1.09E-08	1.45	1.57E-01	2.49E-09	1,000,000	2.49E-03
15	0.53359	2.0854E-05	1.1128E-05	1.05E-03	1.16E-08	1.45	1.57E-01	2.65E-09	1,000,000	2.65E-03
16	0.41858	2.0854E-05	8.7292E-06	1.05E-03	9.12E-09	1.45	1.57E-01	2.08E-09	1,000,000	2.08E-03
17	0.44293	2.0854E-05	9.237E-06	1.05E-03	9.65E-09	1.45	1.57E-01	2.20E-09	1,000,000	2.20E-03
18	0.46962	2.0854E-05	9.7936E-06	1.05E-03	1.02E-08	1.45	1.57E-01	2.33E-09	1,000,000	2.33E-03
19	0.49874	2.0854E-05	1.0401E-05	1.05E-03	1.09E-08	1.45	1.57E-01	2.48E-09	1,000,000	2.48E-03
20	0.53133	2.0854E-05	1.1081E-05	1.05E-03	1.16E-08	1.45	1.57E-01	2.64E-09	1,000,000	2.64E-03
21	0.41749	2.0854E-05	8.7065E-06	1.05E-03	9.10E-09	1.45	1.57E-01	2.07E-09	1,000,000	2.07E-03
22	0.44177	2.0854E-05	9.2128E-06	1.05E-03	9.63E-09	1.45	1.57E-01	2.19E-09	1,000,000	2.19E-03
23	0.46848	2.0854E-05	9.7698E-06	1.05E-03	1.02E-08	1.45	1.57E-01	2.33E-09	1,000,000	2.33E-03
24	0.49763	2.0854E-05	1.0378E-05	1.05E-03	1.08E-08	1.45	1.57E-01	2.47E-09	1,000,000	2.47E-03
25	0.52919	2.0854E-05	1.1036E-05	1.05E-03	1.15E-08	1.45	1.57E-01	2.63E-09	1,000,000	2.63E-03
113	3.90167	2.0854E-05	8.1367E-05	1.05E-03	8.50E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
114	3.39794	2.0854E-05	7.0862E-05	1.05E-03	7.41E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
115	2.98873	2.0854E-05	6.2328E-05	1.05E-03	6.51E-08	1.45	1.57E-01	1.48E-08	1,000,000	1.48E-02
116	2.65183	2.0854E-05	5.5302E-05	1.05E-03	5.78E-08	1.45	1.57E-01	1.32E-08	1,000,000	1.32E-02
117	3.94839	2.0854E-05	8.2341E-05	1.05E-03	8.61E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
118	3.42956	2.0854E-05	7.1521E-05	1.05E-03	7.48E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
119	3.01054	2.0854E-05	6.2783E-05	1.05E-03	6.56E-08	1.45	1.57E-01	1.50E-08	1,000,000	1.50E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.5621E-05	1.05E-03	5.81E-08	1.45	1.57E-01	1.32E-08	1,000,000	1.32E-02
121	3.97407	2.0854E-05	8.2877E-05	1.05E-03	8.66E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
122	3.44562	2.0854E-05	7.1856E-05	1.05E-03	7.51E-08	1.45	1.57E-01	1.71E-08	1,000,000	1.71E-02
123	3.02055	2.0854E-05	6.2991E-05	1.05E-03	6.58E-08	1.45	1.57E-01	1.50E-08	1,000,000	1.50E-02
124	2.67321	2.0854E-05	5.5748E-05	1.05E-03	5.83E-08	1.45	1.57E-01	1.33E-08	1,000,000	1.33E-02
125	3.97582	2.0854E-05	8.2913E-05	1.05E-03	8.67E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
126	3.44389	2.0854E-05	7.182E-05	1.05E-03	7.51E-08	1.45	1.57E-01	1.71E-08	1,000,000	1.71E-02
127	3.01697	2.0854E-05	6.2917E-05	1.05E-03	6.58E-08	1.45	1.57E-01	1.50E-08	1,000,000	1.50E-02
128	2.66869	2.0854E-05	5.5654E-05	1.05E-03	5.82E-08	1.45	1.57E-01	1.33E-08	1,000,000	1.33E-02
129	3.94968	2.0854E-05	8.2368E-05	1.05E-03	8.61E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
130	3.42149	2.0854E-05	7.1353E-05	1.05E-03	7.46E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
131	2.99766	2.0854E-05	6.2514E-05	1.05E-03	6.53E-08	1.45	1.57E-01	1.49E-08	1,000,000	1.49E-02
132	2.65193	2.0854E-05	5.5304E-05	1.05E-03	5.78E-08	1.45	1.57E-01	1.32E-08	1,000,000	1.32E-02
133	3.89044	2.0854E-05	8.1132E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
134	3.37504	2.0854E-05	7.0384E-05	1.05E-03	7.36E-08	1.45	1.57E-01	1.68E-08	1,000,000	1.68E-02
135	2.96037	2.0854E-05	6.1736E-05	1.05E-03	6.45E-08	1.45	1.57E-01	1.47E-08	1,000,000	1.47E-02
136	2.62142	2.0854E-05	5.4668E-05	1.05E-03	5.71E-08	1.45	1.57E-01	1.30E-08	1,000,000	1.30E-02
137	3.79171	2.0854E-05	7.9074E-05	1.05E-03	8.26E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
138	2.90229	2.0854E-05	6.0525E-05	1.05E-03	6.33E-08	1.45	1.57E-01	1.44E-08	1,000,000	1.44E-02
139	2.5753	2.0854E-05	5.3706E-05	1.05E-03	5.61E-08	1.45	1.57E-01	1.28E-08	1,000,000	1.28E-02
140	3.23131	2.0854E-05	6.7387E-05	1.05E-03	7.04E-08	1.45	1.57E-01	1.60E-08	1,000,000	1.60E-02
141	2.87436	2.0854E-05	5.9943E-05	1.05E-03	6.27E-08	1.45	1.57E-01	1.43E-08	1,000,000	1.43E-02
142	2.57435	2.0854E-05	5.3686E-05	1.05E-03	5.61E-08	1.45	1.57E-01	1.28E-08	1,000,000	1.28E-02
143	2.31933	2.0854E-05	4.8368E-05	1.05E-03	5.06E-08	1.45	1.57E-01	1.15E-08	1,000,000	1.15E-02
144	2.98003	2.0854E-05	6.2146E-05	1.05E-03	6.50E-08	1.45	1.57E-01	1.48E-08	1,000,000	1.48E-02
145	2.6756	2.0854E-05	5.5798E-05	1.05E-03	5.83E-08	1.45	1.57E-01	1.33E-08	1,000,000	1.33E-02
146	2.41656	2.0854E-05	5.0396E-05	1.05E-03	5.27E-08	1.45	1.57E-01	1.20E-08	1,000,000	1.20E-02
147	2.19358	2.0854E-05	4.5746E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
148	2.72128	2.0854E-05	5.675E-05	1.05E-03	5.93E-08	1.45	1.57E-01	1.35E-08	1,000,000	1.35E-02
149	2.4651	2.0854E-05	5.1408E-05	1.05E-03	5.37E-08	1.45	1.57E-01	1.22E-08	1,000,000	1.22E-02
150	2.24504	2.0854E-05	4.6819E-05	1.05E-03	4.89E-08	1.45	1.57E-01	1.12E-08	1,000,000	1.12E-02
151	2.05371	2.0854E-05	4.2829E-05	1.05E-03	4.48E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
152	2.47133	2.0854E-05	5.1538E-05	1.05E-03	5.39E-08	1.45	1.57E-01	1.23E-08	1,000,000	1.23E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.704E-05	1.05E-03	4.92E-08	1.45	1.57E-01	1.12E-08	1,000,000	1.12E-02
154	2.0695	2.0854E-05	4.3158E-05	1.05E-03	4.51E-08	1.45	1.57E-01	1.03E-08	1,000,000	1.03E-02
155	1.90676	2.0854E-05	3.9764E-05	1.05E-03	4.16E-08	1.45	1.57E-01	9.47E-09	1,000,000	9.47E-03
156	2.24407	2.0854E-05	4.6799E-05	1.05E-03	4.89E-08	1.45	1.57E-01	1.11E-08	1,000,000	1.11E-02
157	2.05922	2.0854E-05	4.2944E-05	1.05E-03	4.49E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
158	1.89991	2.0854E-05	3.9621E-05	1.05E-03	4.14E-08	1.45	1.57E-01	9.44E-09	1,000,000	9.44E-03
159	1.76073	2.0854E-05	3.6719E-05	1.05E-03	3.84E-08	1.45	1.57E-01	8.74E-09	1,000,000	8.74E-03
160	2.04776	2.0854E-05	4.2705E-05	1.05E-03	4.46E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
161	1.88464	2.0854E-05	3.9303E-05	1.05E-03	4.11E-08	1.45	1.57E-01	9.36E-09	1,000,000	9.36E-03
162	1.74473	2.0854E-05	3.6385E-05	1.05E-03	3.80E-08	1.45	1.57E-01	8.67E-09	1,000,000	8.67E-03
163	1.62295	2.0854E-05	3.3846E-05	1.05E-03	3.54E-08	1.45	1.57E-01	8.06E-09	1,000,000	8.06E-03
164	1.88309	2.0854E-05	3.9271E-05	1.05E-03	4.10E-08	1.45	1.57E-01	9.35E-09	1,000,000	9.35E-03
165	1.73548	2.0854E-05	3.6192E-05	1.05E-03	3.78E-08	1.45	1.57E-01	8.62E-09	1,000,000	8.62E-03
166	1.60783	2.0854E-05	3.353E-05	1.05E-03	3.50E-08	1.45	1.57E-01	7.99E-09	1,000,000	7.99E-03
167	1.4985	2.0854E-05	3.125E-05	1.05E-03	3.27E-08	1.45	1.57E-01	7.44E-09	1,000,000	7.44E-03
168	1.74492	2.0854E-05	3.6389E-05	1.05E-03	3.80E-08	1.45	1.57E-01	8.67E-09	1,000,000	8.67E-03
169	1.61002	2.0854E-05	3.3576E-05	1.05E-03	3.51E-08	1.45	1.57E-01	8.00E-09	1,000,000	8.00E-03
170	1.49235	2.0854E-05	3.1122E-05	1.05E-03	3.25E-08	1.45	1.57E-01	7.41E-09	1,000,000	7.41E-03
171	1.39186	2.0854E-05	2.9026E-05	1.05E-03	3.03E-08	1.45	1.57E-01	6.91E-09	1,000,000	6.91E-03
172	1.62624	2.0854E-05	3.3914E-05	1.05E-03	3.54E-08	1.45	1.57E-01	8.08E-09	1,000,000	8.08E-03
173	1.50344	2.0854E-05	3.1353E-05	1.05E-03	3.28E-08	1.45	1.57E-01	7.47E-09	1,000,000	7.47E-03
174	1.39493	2.0854E-05	2.909E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.93E-09	1,000,000	6.93E-03
175	1.30116	2.0854E-05	2.7135E-05	1.05E-03	2.84E-08	1.45	1.57E-01	6.46E-09	1,000,000	6.46E-03
176	1.52117	2.0854E-05	3.1723E-05	1.05E-03	3.32E-08	1.45	1.57E-01	7.56E-09	1,000,000	7.56E-03
177	1.41048	2.0854E-05	2.9415E-05	1.05E-03	3.07E-08	1.45	1.57E-01	7.01E-09	1,000,000	7.01E-03
178	1.31099	2.0854E-05	2.734E-05	1.05E-03	2.86E-08	1.45	1.57E-01	6.51E-09	1,000,000	6.51E-03
179	1.22373	2.0854E-05	2.552E-05	1.05E-03	2.67E-08	1.45	1.57E-01	6.08E-09	1,000,000	6.08E-03
180	1.42594	2.0854E-05	2.9737E-05	1.05E-03	3.11E-08	1.45	1.57E-01	7.08E-09	1,000,000	7.08E-03
181	1.32674	2.0854E-05	2.7668E-05	1.05E-03	2.89E-08	1.45	1.57E-01	6.59E-09	1,000,000	6.59E-03
182	1.23665	2.0854E-05	2.5789E-05	1.05E-03	2.70E-08	1.45	1.57E-01	6.14E-09	1,000,000	6.14E-03
183	1.15625	2.0854E-05	2.4113E-05	1.05E-03	2.52E-08	1.45	1.57E-01	5.74E-09	1,000,000	5.74E-03
184	1.884	2.0854E-05	3.929E-05	1.05E-03	4.11E-08	1.45	1.57E-01	9.36E-09	1,000,000	9.36E-03
185	1.60578	2.0854E-05	3.3487E-05	1.05E-03	3.50E-08	1.45	1.57E-01	7.98E-09	1,000,000	7.98E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.1156E-05	1.05E-03	3.26E-08	1.45	1.57E-01	7.42E-09	1,000,000	7.42E-03
187	1.39129	2.0854E-05	2.9014E-05	1.05E-03	3.03E-08	1.45	1.57E-01	6.91E-09	1,000,000	6.91E-03
188	1.29666	2.0854E-05	2.7041E-05	1.05E-03	2.83E-08	1.45	1.57E-01	6.44E-09	1,000,000	6.44E-03
189	1.59927	2.0854E-05	3.3352E-05	1.05E-03	3.49E-08	1.45	1.57E-01	7.94E-09	1,000,000	7.94E-03
190	1.49375	2.0854E-05	3.1151E-05	1.05E-03	3.26E-08	1.45	1.57E-01	7.42E-09	1,000,000	7.42E-03
191	1.39636	2.0854E-05	2.912E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.94E-09	1,000,000	6.94E-03
192	1.30623	2.0854E-05	2.7241E-05	1.05E-03	2.85E-08	1.45	1.57E-01	6.49E-09	1,000,000	6.49E-03
193	1.22194	2.0854E-05	2.5483E-05	1.05E-03	2.66E-08	1.45	1.57E-01	6.07E-09	1,000,000	6.07E-03
194	1.48423	2.0854E-05	3.0953E-05	1.05E-03	3.24E-08	1.45	1.57E-01	7.37E-09	1,000,000	7.37E-03
195	1.3924	2.0854E-05	2.9038E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.92E-09	1,000,000	6.92E-03
196	1.307	2.0854E-05	2.7257E-05	1.05E-03	2.85E-08	1.45	1.57E-01	6.49E-09	1,000,000	6.49E-03
197	1.2269	2.0854E-05	2.5586E-05	1.05E-03	2.67E-08	1.45	1.57E-01	6.09E-09	1,000,000	6.09E-03
198	1.15305	2.0854E-05	2.4046E-05	1.05E-03	2.51E-08	1.45	1.57E-01	5.73E-09	1,000,000	5.73E-03
199	1.38128	2.0854E-05	2.8806E-05	1.05E-03	3.01E-08	1.45	1.57E-01	6.86E-09	1,000,000	6.86E-03
200	1.3007	2.0854E-05	2.7125E-05	1.05E-03	2.84E-08	1.45	1.57E-01	6.46E-09	1,000,000	6.46E-03
201	1.22519	2.0854E-05	2.555E-05	1.05E-03	2.67E-08	1.45	1.57E-01	6.09E-09	1,000,000	6.09E-03
202	1.15461	2.0854E-05	2.4079E-05	1.05E-03	2.52E-08	1.45	1.57E-01	5.73E-09	1,000,000	5.73E-03
203	1.08892	2.0854E-05	2.2709E-05	1.05E-03	2.37E-08	1.45	1.57E-01	5.41E-09	1,000,000	5.41E-03
204	1.62889	2.0854E-05	3.3969E-05	1.05E-03	3.55E-08	1.45	1.57E-01	8.09E-09	1,000,000	8.09E-03
205	1.2888	2.0854E-05	2.6877E-05	1.05E-03	2.81E-08	1.45	1.57E-01	6.40E-09	1,000,000	6.40E-03
206	1.21764	2.0854E-05	2.5393E-05	1.05E-03	2.65E-08	1.45	1.57E-01	6.05E-09	1,000,000	6.05E-03
207	1.15028	2.0854E-05	2.3988E-05	1.05E-03	2.51E-08	1.45	1.57E-01	5.71E-09	1,000,000	5.71E-03
208	1.08805	2.0854E-05	2.2691E-05	1.05E-03	2.37E-08	1.45	1.57E-01	5.40E-09	1,000,000	5.40E-03
209	1.50457	2.0854E-05	3.1377E-05	1.05E-03	3.28E-08	1.45	1.57E-01	7.47E-09	1,000,000	7.47E-03
210	1.42234	2.0854E-05	2.9662E-05	1.05E-03	3.10E-08	1.45	1.57E-01	7.06E-09	1,000,000	7.06E-03
211	1.34505	2.0854E-05	2.805E-05	1.05E-03	2.93E-08	1.45	1.57E-01	6.68E-09	1,000,000	6.68E-03
212	1.273	2.0854E-05	2.6548E-05	1.05E-03	2.77E-08	1.45	1.57E-01	6.32E-09	1,000,000	6.32E-03
213	1.20552	2.0854E-05	2.514E-05	1.05E-03	2.63E-08	1.45	1.57E-01	5.99E-09	1,000,000	5.99E-03
214	1.14188	2.0854E-05	2.3813E-05	1.05E-03	2.49E-08	1.45	1.57E-01	5.67E-09	1,000,000	5.67E-03
215	1.08232	2.0854E-05	2.2571E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.38E-09	1,000,000	5.38E-03
216	1.4319	2.0854E-05	2.9861E-05	1.05E-03	3.12E-08	1.45	1.57E-01	7.11E-09	1,000,000	7.11E-03
217	1.36378	2.0854E-05	2.8441E-05	1.05E-03	2.97E-08	1.45	1.57E-01	6.77E-09	1,000,000	6.77E-03
218	1.29655	2.0854E-05	2.7039E-05	1.05E-03	2.83E-08	1.45	1.57E-01	6.44E-09	1,000,000	6.44E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.5715E-05	1.05E-03	2.69E-08	1.45	1.57E-01	6.12E-09	1,000,000	6.12E-03
220	1.1724	2.0854E-05	2.445E-05	1.05E-03	2.56E-08	1.45	1.57E-01	5.82E-09	1,000,000	5.82E-03
221	1.11513	2.0854E-05	2.3255E-05	1.05E-03	2.43E-08	1.45	1.57E-01	5.54E-09	1,000,000	5.54E-03
222	1.32959	2.0854E-05	2.7728E-05	1.05E-03	2.90E-08	1.45	1.57E-01	6.60E-09	1,000,000	6.60E-03
223	1.26895	2.0854E-05	2.6463E-05	1.05E-03	2.77E-08	1.45	1.57E-01	6.30E-09	1,000,000	6.30E-03
224	1.20977	2.0854E-05	2.5229E-05	1.05E-03	2.64E-08	1.45	1.57E-01	6.01E-09	1,000,000	6.01E-03
225	1.15331	2.0854E-05	2.4051E-05	1.05E-03	2.51E-08	1.45	1.57E-01	5.73E-09	1,000,000	5.73E-03
226	1.09893	2.0854E-05	2.2917E-05	1.05E-03	2.40E-08	1.45	1.57E-01	5.46E-09	1,000,000	5.46E-03
227	1.23848	2.0854E-05	2.5828E-05	1.05E-03	2.70E-08	1.45	1.57E-01	6.15E-09	1,000,000	6.15E-03
228	1.18441	2.0854E-05	2.47E-05	1.05E-03	2.58E-08	1.45	1.57E-01	5.88E-09	1,000,000	5.88E-03
229	1.13197	2.0854E-05	2.3606E-05	1.05E-03	2.47E-08	1.45	1.57E-01	5.62E-09	1,000,000	5.62E-03
230	1.08088	2.0854E-05	2.2541E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.37E-09	1,000,000	5.37E-03
231	1.15689	2.0854E-05	2.4126E-05	1.05E-03	2.52E-08	1.45	1.57E-01	5.75E-09	1,000,000	5.75E-03
232	1.10896	2.0854E-05	2.3127E-05	1.05E-03	2.42E-08	1.45	1.57E-01	5.51E-09	1,000,000	5.51E-03
233	1.06191	2.0854E-05	2.2145E-05	1.05E-03	2.31E-08	1.45	1.57E-01	5.27E-09	1,000,000	5.27E-03
234	1.01607	2.0854E-05	2.1189E-05	1.05E-03	2.21E-08	1.45	1.57E-01	5.05E-09	1,000,000	5.05E-03
235	1.08397	2.0854E-05	2.2605E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.38E-09	1,000,000	5.38E-03
236	1.04103	2.0854E-05	2.171E-05	1.05E-03	2.27E-08	1.45	1.57E-01	5.17E-09	1,000,000	5.17E-03
237	0.99838	2.0854E-05	2.0821E-05	1.05E-03	2.18E-08	1.45	1.57E-01	4.96E-09	1,000,000	4.96E-03
238	0.95737	2.0854E-05	1.9965E-05	1.05E-03	2.09E-08	1.45	1.57E-01	4.75E-09	1,000,000	4.75E-03
239	1.01834	2.0854E-05	2.1237E-05	1.05E-03	2.22E-08	1.45	1.57E-01	5.06E-09	1,000,000	5.06E-03
240	0.97953	2.0854E-05	2.0427E-05	1.05E-03	2.14E-08	1.45	1.57E-01	4.86E-09	1,000,000	4.86E-03
241	0.94094	2.0854E-05	1.9623E-05	1.05E-03	2.05E-08	1.45	1.57E-01	4.67E-09	1,000,000	4.67E-03
242	0.90398	2.0854E-05	1.8852E-05	1.05E-03	1.97E-08	1.45	1.57E-01	4.49E-09	1,000,000	4.49E-03
243	1.19383	2.0854E-05	2.4897E-05	1.05E-03	2.60E-08	1.45	1.57E-01	5.93E-09	1,000,000	5.93E-03
244	1.18237	2.0854E-05	2.4658E-05	1.05E-03	2.58E-08	1.45	1.57E-01	5.87E-09	1,000,000	5.87E-03
245	1.16496	2.0854E-05	2.4294E-05	1.05E-03	2.54E-08	1.45	1.57E-01	5.79E-09	1,000,000	5.79E-03
246	1.14218	2.0854E-05	2.3819E-05	1.05E-03	2.49E-08	1.45	1.57E-01	5.67E-09	1,000,000	5.67E-03
247	1.11451	2.0854E-05	2.3242E-05	1.05E-03	2.43E-08	1.45	1.57E-01	5.54E-09	1,000,000	5.54E-03
248	1.08326	2.0854E-05	2.2591E-05	1.05E-03	2.36E-08	1.45	1.57E-01	5.38E-09	1,000,000	5.38E-03
249	1.04909	2.0854E-05	2.1878E-05	1.05E-03	2.29E-08	1.45	1.57E-01	5.21E-09	1,000,000	5.21E-03
250	1.12151	2.0854E-05	2.3388E-05	1.05E-03	2.44E-08	1.45	1.57E-01	5.57E-09	1,000,000	5.57E-03
251	1.1099	2.0854E-05	2.3146E-05	1.05E-03	2.42E-08	1.45	1.57E-01	5.51E-09	1,000,000	5.51E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.2798E-05	1.05E-03	2.38E-08	1.45	1.57E-01	5.43E-09	1,000,000	5.43E-03
253	1.07189	2.0854E-05	2.2354E-05	1.05E-03	2.34E-08	1.45	1.57E-01	5.32E-09	1,000,000	5.32E-03
254	1.0464	2.0854E-05	2.1822E-05	1.05E-03	2.28E-08	1.45	1.57E-01	5.20E-09	1,000,000	5.20E-03
255	1.01786	2.0854E-05	2.1227E-05	1.05E-03	2.22E-08	1.45	1.57E-01	5.06E-09	1,000,000	5.06E-03
256	0.98651	2.0854E-05	2.0573E-05	1.05E-03	2.15E-08	1.45	1.57E-01	4.90E-09	1,000,000	4.90E-03
257	1.05579	2.0854E-05	2.2018E-05	1.05E-03	2.30E-08	1.45	1.57E-01	5.24E-09	1,000,000	5.24E-03
258	1.04422	2.0854E-05	2.1776E-05	1.05E-03	2.28E-08	1.45	1.57E-01	5.19E-09	1,000,000	5.19E-03
259	1.02825	2.0854E-05	2.1443E-05	1.05E-03	2.24E-08	1.45	1.57E-01	5.11E-09	1,000,000	5.11E-03
260	1.00834	2.0854E-05	2.1028E-05	1.05E-03	2.20E-08	1.45	1.57E-01	5.01E-09	1,000,000	5.01E-03
261	0.98484	2.0854E-05	2.0538E-05	1.05E-03	2.15E-08	1.45	1.57E-01	4.89E-09	1,000,000	4.89E-03
262	0.95866	2.0854E-05	1.9992E-05	1.05E-03	2.09E-08	1.45	1.57E-01	4.76E-09	1,000,000	4.76E-03
263	0.93016	2.0854E-05	1.9398E-05	1.05E-03	2.03E-08	1.45	1.57E-01	4.62E-09	1,000,000	4.62E-03
264	0.99564	2.0854E-05	2.0763E-05	1.05E-03	2.17E-08	1.45	1.57E-01	4.94E-09	1,000,000	4.94E-03
265	0.98446	2.0854E-05	2.053E-05	1.05E-03	2.15E-08	1.45	1.57E-01	4.89E-09	1,000,000	4.89E-03
266	0.96929	2.0854E-05	2.0214E-05	1.05E-03	2.11E-08	1.45	1.57E-01	4.81E-09	1,000,000	4.81E-03
267	0.95067	2.0854E-05	1.9826E-05	1.05E-03	2.07E-08	1.45	1.57E-01	4.72E-09	1,000,000	4.72E-03
268	0.9291	2.0854E-05	1.9376E-05	1.05E-03	2.03E-08	1.45	1.57E-01	4.61E-09	1,000,000	4.61E-03
269	0.90506	2.0854E-05	1.8874E-05	1.05E-03	1.97E-08	1.45	1.57E-01	4.50E-09	1,000,000	4.50E-03
270	0.87899	2.0854E-05	1.8331E-05	1.05E-03	1.92E-08	1.45	1.57E-01	4.37E-09	1,000,000	4.37E-03
271	0.94094	2.0854E-05	1.9623E-05	1.05E-03	2.05E-08	1.45	1.57E-01	4.67E-09	1,000,000	4.67E-03
272	0.93	2.0854E-05	1.9395E-05	1.05E-03	2.03E-08	1.45	1.57E-01	4.62E-09	1,000,000	4.62E-03
273	0.91557	2.0854E-05	1.9094E-05	1.05E-03	2.00E-08	1.45	1.57E-01	4.55E-09	1,000,000	4.55E-03
274	0.89815	2.0854E-05	1.873E-05	1.05E-03	1.96E-08	1.45	1.57E-01	4.46E-09	1,000,000	4.46E-03
275	0.87817	2.0854E-05	1.8314E-05	1.05E-03	1.91E-08	1.45	1.57E-01	4.36E-09	1,000,000	4.36E-03
276	0.85607	2.0854E-05	1.7853E-05	1.05E-03	1.87E-08	1.45	1.57E-01	4.25E-09	1,000,000	4.25E-03
277	0.83215	2.0854E-05	1.7354E-05	1.05E-03	1.81E-08	1.45	1.57E-01	4.13E-09	1,000,000	4.13E-03
278	0.89908	2.0854E-05	1.875E-05	1.05E-03	1.96E-08	1.45	1.57E-01	4.47E-09	1,000,000	4.47E-03
279	0.92338	2.0854E-05	1.9256E-05	1.05E-03	2.01E-08	1.45	1.57E-01	4.59E-09	1,000,000	4.59E-03
280	0.98391	2.0854E-05	2.0519E-05	1.05E-03	2.14E-08	1.45	1.57E-01	4.89E-09	1,000,000	4.89E-03
281	0.97176	2.0854E-05	2.0265E-05	1.05E-03	2.12E-08	1.45	1.57E-01	4.83E-09	1,000,000	4.83E-03
282	1.03494	2.0854E-05	2.1583E-05	1.05E-03	2.26E-08	1.45	1.57E-01	5.14E-09	1,000,000	5.14E-03
283	0.91452	2.0854E-05	1.9072E-05	1.05E-03	1.99E-08	1.45	1.57E-01	4.54E-09	1,000,000	4.54E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	9.09766	2.0854E-05	0.00018973	1.05E-03	1.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	10.81295	2.0854E-05	0.0002255	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	13.11291	2.0854E-05	0.00027346	1.05E-03	2.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	16.30429	2.0854E-05	0.00034001	1.05E-03	3.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	20.90723	2.0854E-05	0.00043601	1.05E-03	4.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	27.82208	2.0854E-05	0.00058021	1.05E-03	6.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	38.63195	2.0854E-05	0.00080564	1.05E-03	8.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	56.22568	2.0854E-05	0.00117255	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	86.67441	2.0854E-05	0.00180754	1.05E-03	1.89E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	150.3963	2.0854E-05	0.00313641	1.05E-03	3.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	130.9415	2.0854E-05	0.0027307	1.05E-03	2.85E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	9.26964	2.0854E-05	0.00019331	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	11.04927	2.0854E-05	0.00023042	1.05E-03	2.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	13.4354	2.0854E-05	0.00028019	1.05E-03	2.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	16.72858	2.0854E-05	0.00034886	1.05E-03	3.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	21.41301	2.0854E-05	0.00044655	1.05E-03	4.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	28.27979	2.0854E-05	0.00058976	1.05E-03	6.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	38.66245	2.0854E-05	0.00080628	1.05E-03	8.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	55.00978	2.0854E-05	0.00114719	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	82.84434	2.0854E-05	0.00172766	1.05E-03	1.81E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	142.6802	2.0854E-05	0.0029755	1.05E-03	3.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	131.1023	2.0854E-05	0.00273405	1.05E-03	2.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	9.39917	2.0854E-05	0.00019601	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	11.22382	2.0854E-05	0.00023407	1.05E-03	2.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	13.66146	2.0854E-05	0.0002849	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	16.99628	2.0854E-05	0.00035445	1.05E-03	3.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	21.66951	2.0854E-05	0.0004519	1.05E-03	4.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	28.38378	2.0854E-05	0.00059192	1.05E-03	6.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	38.33109	2.0854E-05	0.00079937	1.05E-03	8.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	53.8137	2.0854E-05	0.00112225	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	80.3929	2.0854E-05	0.00167654	1.05E-03	1.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	138.9896	2.0854E-05	0.00289853	1.05E-03	3.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	0.00272202	1.05E-03	2.85E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	9.482	2.0854E-05	0.00019774	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	11.3276	2.0854E-05	0.00023623	1.05E-03	2.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	13.77736	2.0854E-05	0.00028732	1.05E-03	3.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	17.09451	2.0854E-05	0.00035649	1.05E-03	3.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	21.68084	2.0854E-05	0.00045214	1.05E-03	4.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	28.17851	2.0854E-05	0.00058764	1.05E-03	6.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	37.71212	2.0854E-05	0.00078646	1.05E-03	8.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	52.55968	2.0854E-05	0.0010961	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	78.3585	2.0854E-05	0.00163411	1.05E-03	1.71E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	135.725	2.0854E-05	0.00283045	1.05E-03	2.96E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	128.5347	2.0854E-05	0.0026805	1.05E-03	2.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.51461	2.0854E-05	0.00019842	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	11.35515	2.0854E-05	0.0002368	1.05E-03	2.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	13.77786	2.0854E-05	0.00028733	1.05E-03	3.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	17.02378	2.0854E-05	0.00035502	1.05E-03	3.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	21.4613	2.0854E-05	0.00044756	1.05E-03	4.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	27.69085	2.0854E-05	0.00057747	1.05E-03	6.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	36.79858	2.0854E-05	0.00076741	1.05E-03	8.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	51.04144	2.0854E-05	0.00106443	1.05E-03	1.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	76.00873	2.0854E-05	0.00158511	1.05E-03	1.66E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	131.6977	2.0854E-05	0.00274646	1.05E-03	2.87E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	124.8277	2.0854E-05	0.0026032	1.05E-03	2.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	9.49569	2.0854E-05	0.00019803	1.05E-03	2.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	11.30613	2.0854E-05	0.00023578	1.05E-03	2.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	13.66645	2.0854E-05	0.000285	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	16.79518	2.0854E-05	0.00035025	1.05E-03	3.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	21.02957	2.0854E-05	0.00043856	1.05E-03	4.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	26.93106	2.0854E-05	0.00056163	1.05E-03	5.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	35.53801	2.0854E-05	0.00074112	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	49.03253	2.0854E-05	0.00102254	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	72.81989	2.0854E-05	0.00151861	1.05E-03	1.59E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	126.1204	2.0854E-05	0.00263015	1.05E-03	2.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

Cancer Risk From Haul1C - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	0.00247087	1.05E-03	2.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.42677	2.0854E-05	0.00019659	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	11.18503	2.0854E-05	0.00023326	1.05E-03	2.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	13.45341	2.0854E-05	0.00028056	1.05E-03	2.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	16.42703	2.0854E-05	0.00034257	1.05E-03	3.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	20.40931	2.0854E-05	0.00042562	1.05E-03	4.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	25.91118	2.0854E-05	0.00054036	1.05E-03	5.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	33.88582	2.0854E-05	0.00070667	1.05E-03	7.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	46.34544	2.0854E-05	0.0009665	1.05E-03	1.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	68.30693	2.0854E-05	0.00142449	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	117.8256	2.0854E-05	0.00245717	1.05E-03	2.57E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	106.8157	2.0854E-05	0.00222757	1.05E-03	2.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	15.97528	2.0854E-05	0.00033315	1.05E-03	3.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	19.6451	2.0854E-05	0.00040969	1.05E-03	4.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	24.85975	2.0854E-05	0.00051843	1.05E-03	5.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	32.28592	2.0854E-05	0.0006733	1.05E-03	7.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	42.91974	2.0854E-05	0.00089506	1.05E-03	9.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	62.06138	2.0854E-05	0.00129425	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	104.667	2.0854E-05	0.00218276	1.05E-03	2.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	80.07713	2.0854E-05	0.00166995	1.05E-03	1.75E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.2372	2.0854E-05	0.00027605	1.05E-03	2.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	10.84503	2.0854E-05	0.00022617	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	2.09E-05	8.82E-06	6.05E-04	5.34E-09	14	4.71E-02	3.52E-09	1,000,000	3.5E-03
2	0.44702	2.0854E-05	9.32E-06	6.05E-04	5.64E-09	14	4.71E-02	3.72E-09	1,000,000	3.72E-03
3	0.474	2.0854E-05	9.88E-06	6.05E-04	5.98E-09	14	4.71E-02	3.95E-09	1,000,000	3.95E-03
4	0.50323	2.0854E-05	1.05E-05	6.05E-04	6.35E-09	14	4.71E-02	4.19E-09	1,000,000	4.19E-03
5	0.53592	2.0854E-05	1.12E-05	6.05E-04	6.76E-09	14	4.71E-02	4.46E-09	1,000,000	4.46E-03
6	0.42159	2.0854E-05	8.79E-06	6.05E-04	5.32E-09	14	4.71E-02	3.51E-09	1,000,000	3.51E-03
7	0.44558	2.0854E-05	9.29E-06	6.05E-04	5.62E-09	14	4.71E-02	3.71E-09	1,000,000	3.71E-03
8	0.47218	2.0854E-05	9.85E-06	6.05E-04	5.96E-09	14	4.71E-02	3.93E-09	1,000,000	3.93E-03
9	0.5022	2.0854E-05	1.05E-05	6.05E-04	6.34E-09	14	4.71E-02	4.18E-09	1,000,000	4.18E-03
10	0.53475	2.0854E-05	1.12E-05	6.05E-04	6.75E-09	14	4.71E-02	4.45E-09	1,000,000	4.45E-03
11	0.41999	2.0854E-05	8.76E-06	6.05E-04	5.30E-09	14	4.71E-02	3.50E-09	1,000,000	3.50E-03
12	0.44409	2.0854E-05	9.26E-06	6.05E-04	5.60E-09	14	4.71E-02	3.70E-09	1,000,000	3.70E-03
13	0.47085	2.0854E-05	9.82E-06	6.05E-04	5.94E-09	14	4.71E-02	3.92E-09	1,000,000	3.92E-03
14	0.50104	2.0854E-05	1.04E-05	6.05E-04	6.32E-09	14	4.71E-02	4.17E-09	1,000,000	4.17E-03
15	0.53359	2.0854E-05	1.11E-05	6.05E-04	6.73E-09	14	4.71E-02	4.44E-09	1,000,000	4.44E-03
16	0.41858	2.0854E-05	8.73E-06	6.05E-04	5.28E-09	14	4.71E-02	3.49E-09	1,000,000	3.49E-03
17	0.44293	2.0854E-05	9.24E-06	6.05E-04	5.59E-09	14	4.71E-02	3.69E-09	1,000,000	3.69E-03
18	0.46962	2.0854E-05	9.79E-06	6.05E-04	5.93E-09	14	4.71E-02	3.91E-09	1,000,000	3.91E-03
19	0.49874	2.0854E-05	1.04E-05	6.05E-04	6.29E-09	14	4.71E-02	4.15E-09	1,000,000	4.15E-03
20	0.53133	2.0854E-05	1.11E-05	6.05E-04	6.70E-09	14	4.71E-02	4.42E-09	1,000,000	4.42E-03
21	0.41749	2.0854E-05	8.71E-06	6.05E-04	5.27E-09	14	4.71E-02	3.48E-09	1,000,000	3.48E-03
22	0.44177	2.0854E-05	9.21E-06	6.05E-04	5.57E-09	14	4.71E-02	3.68E-09	1,000,000	3.68E-03
23	0.46848	2.0854E-05	9.77E-06	6.05E-04	5.91E-09	14	4.71E-02	3.90E-09	1,000,000	3.90E-03
24	0.49763	2.0854E-05	1.04E-05	6.05E-04	6.28E-09	14	4.71E-02	4.14E-09	1,000,000	4.14E-03
25	0.52919	2.0854E-05	1.10E-05	6.05E-04	6.68E-09	14	4.71E-02	4.41E-09	1,000,000	4.41E-03
113	3.90167	2.0854E-05	8.14E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
114	3.39794	2.0854E-05	7.09E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
115	2.98873	2.0854E-05	6.23E-05	6.05E-04	3.77E-08	14	4.71E-02	2.49E-08	1,000,000	2.49E-02
116	2.65183	2.0854E-05	5.53E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
117	3.94839	2.0854E-05	8.23E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
118	3.42956	2.0854E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
119	3.01054	2.0854E-05	6.28E-05	6.05E-04	3.80E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.56E-05	6.05E-04	3.37E-08	14	4.71E-02	2.22E-08	1,000,000	2.22E-02
121	3.97407	2.0854E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
122	3.44562	2.0854E-05	7.19E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
123	3.02055	2.0854E-05	6.30E-05	6.05E-04	3.81E-08	14	4.71E-02	2.52E-08	1,000,000	2.52E-02
124	2.67321	2.0854E-05	5.57E-05	6.05E-04	3.37E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
125	3.97582	2.0854E-05	8.29E-05	6.05E-04	5.02E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
126	3.44389	2.0854E-05	7.18E-05	6.05E-04	4.35E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
127	3.01697	2.0854E-05	6.29E-05	6.05E-04	3.81E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02
128	2.66869	2.0854E-05	5.57E-05	6.05E-04	3.37E-08	14	4.71E-02	2.22E-08	1,000,000	2.22E-02
129	3.94968	2.0854E-05	8.24E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
130	3.42149	2.0854E-05	7.14E-05	6.05E-04	4.32E-08	14	4.71E-02	2.85E-08	1,000,000	2.85E-02
131	2.99766	2.0854E-05	6.25E-05	6.05E-04	3.78E-08	14	4.71E-02	2.50E-08	1,000,000	2.50E-02
132	2.65193	2.0854E-05	5.53E-05	6.05E-04	3.35E-08	14	4.71E-02	2.21E-08	1,000,000	2.21E-02
133	3.89044	2.0854E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
134	3.37504	2.0854E-05	7.04E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
135	2.96037	2.0854E-05	6.17E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
136	2.62142	2.0854E-05	5.47E-05	6.05E-04	3.31E-08	14	4.71E-02	2.18E-08	1,000,000	2.18E-02
137	3.79171	2.0854E-05	7.91E-05	6.05E-04	4.78E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
138	2.90229	2.0854E-05	6.05E-05	6.05E-04	3.66E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02
139	2.5753	2.0854E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
140	3.23131	2.0854E-05	6.74E-05	6.05E-04	4.08E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
141	2.87436	2.0854E-05	5.99E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
142	2.57435	2.0854E-05	5.37E-05	6.05E-04	3.25E-08	14	4.71E-02	2.14E-08	1,000,000	2.14E-02
143	2.31933	2.0854E-05	4.84E-05	6.05E-04	2.93E-08	14	4.71E-02	1.93E-08	1,000,000	1.93E-02
144	2.98003	2.0854E-05	6.21E-05	6.05E-04	3.76E-08	14	4.71E-02	2.48E-08	1,000,000	2.48E-02
145	2.6756	2.0854E-05	5.58E-05	6.05E-04	3.38E-08	14	4.71E-02	2.23E-08	1,000,000	2.23E-02
146	2.41656	2.0854E-05	5.04E-05	6.05E-04	3.05E-08	14	4.71E-02	2.01E-08	1,000,000	2.01E-02
147	2.19358	2.0854E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
148	2.72128	2.0854E-05	5.68E-05	6.05E-04	3.43E-08	14	4.71E-02	2.27E-08	1,000,000	2.27E-02
149	2.4651	2.0854E-05	5.14E-05	6.05E-04	3.11E-08	14	4.71E-02	2.05E-08	1,000,000	2.05E-02
150	2.24504	2.0854E-05	4.68E-05	6.05E-04	2.83E-08	14	4.71E-02	1.87E-08	1,000,000	1.87E-02
151	2.05371	2.0854E-05	4.28E-05	6.05E-04	2.59E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
152	2.47133	2.0854E-05	5.15E-05	6.05E-04	3.12E-08	14	4.71E-02	2.06E-08	1,000,000	2.06E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.70E-05	6.05E-04	2.85E-08	14	4.71E-02	1.88E-08	1,000,000	1.88E-02
154	2.0695	2.0854E-05	4.32E-05	6.05E-04	2.61E-08	14	4.71E-02	1.72E-08	1,000,000	1.72E-02
155	1.90676	2.0854E-05	3.98E-05	6.05E-04	2.41E-08	14	4.71E-02	1.59E-08	1,000,000	1.59E-02
156	2.24407	2.0854E-05	4.68E-05	6.05E-04	2.83E-08	14	4.71E-02	1.87E-08	1,000,000	1.87E-02
157	2.05922	2.0854E-05	4.29E-05	6.05E-04	2.60E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
158	1.89991	2.0854E-05	3.96E-05	6.05E-04	2.40E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
159	1.76073	2.0854E-05	3.67E-05	6.05E-04	2.22E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
160	2.04776	2.0854E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
161	1.88464	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
162	1.74473	2.0854E-05	3.64E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
163	1.62295	2.0854E-05	3.38E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
164	1.88309	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
165	1.73548	2.0854E-05	3.62E-05	6.05E-04	2.19E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
166	1.60783	2.0854E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
167	1.4985	2.0854E-05	3.13E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
168	1.74492	2.0854E-05	3.64E-05	6.05E-04	2.20E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
169	1.61002	2.0854E-05	3.36E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
170	1.49235	2.0854E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
171	1.39186	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
172	1.62624	2.0854E-05	3.39E-05	6.05E-04	2.05E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
173	1.50344	2.0854E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
174	1.39493	2.0854E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
175	1.30116	2.0854E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
176	1.52117	2.0854E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
177	1.41048	2.0854E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
178	1.31099	2.0854E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
179	1.22373	2.0854E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
180	1.42594	2.0854E-05	2.97E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
181	1.32674	2.0854E-05	2.77E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
182	1.23665	2.0854E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
183	1.15625	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.63E-09	1,000,000	9.63E-03
184	1.884	2.0854E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
185	1.60578	2.0854E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
187	1.39129	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
188	1.29666	2.0854E-05	2.70E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
189	1.59927	2.0854E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
190	1.49375	2.0854E-05	3.12E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
191	1.39636	2.0854E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
192	1.30623	2.0854E-05	2.72E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
193	1.22194	2.0854E-05	2.55E-05	6.05E-04	1.54E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
194	1.48423	2.0854E-05	3.10E-05	6.05E-04	1.87E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
195	1.3924	2.0854E-05	2.90E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
196	1.307	2.0854E-05	2.73E-05	6.05E-04	1.65E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
197	1.2269	2.0854E-05	2.56E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
198	1.15305	2.0854E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.60E-09	1,000,000	9.60E-03
199	1.38128	2.0854E-05	2.88E-05	6.05E-04	1.74E-08	14	4.71E-02	1.15E-08	1,000,000	1.15E-02
200	1.3007	2.0854E-05	2.71E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
201	1.22519	2.0854E-05	2.56E-05	6.05E-04	1.55E-08	14	4.71E-02	1.02E-08	1,000,000	1.02E-02
202	1.15461	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.62E-09	1,000,000	9.62E-03
203	1.08892	2.0854E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.07E-09	1,000,000	9.07E-03
204	1.62889	2.0854E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
205	1.2888	2.0854E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
206	1.21764	2.0854E-05	2.54E-05	6.05E-04	1.54E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
207	1.15028	2.0854E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.58E-09	1,000,000	9.58E-03
208	1.08805	2.0854E-05	2.27E-05	6.05E-04	1.37E-08	14	4.71E-02	9.06E-09	1,000,000	9.06E-03
209	1.50457	2.0854E-05	3.14E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
210	1.42234	2.0854E-05	2.97E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
211	1.34505	2.0854E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
212	1.273	2.0854E-05	2.65E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
213	1.20552	2.0854E-05	2.51E-05	6.05E-04	1.52E-08	14	4.71E-02	1.00E-08	1,000,000	1.00E-02
214	1.14188	2.0854E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.51E-09	1,000,000	9.51E-03
215	1.08232	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.01E-09	1,000,000	9.01E-03
216	1.4319	2.0854E-05	2.99E-05	6.05E-04	1.81E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
217	1.36378	2.0854E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
218	1.29655	2.0854E-05	2.70E-05	6.05E-04	1.64E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.57E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
220	1.1724	2.0854E-05	2.44E-05	6.05E-04	1.48E-08	14	4.71E-02	9.76E-09	1,000,000	9.76E-03
221	1.11513	2.0854E-05	2.33E-05	6.05E-04	1.41E-08	14	4.71E-02	9.29E-09	1,000,000	9.29E-03
222	1.32959	2.0854E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
223	1.26895	2.0854E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
224	1.20977	2.0854E-05	2.52E-05	6.05E-04	1.53E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
225	1.15331	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.60E-09	1,000,000	9.60E-03
226	1.09893	2.0854E-05	2.29E-05	6.05E-04	1.39E-08	14	4.71E-02	9.15E-09	1,000,000	9.15E-03
227	1.23848	2.0854E-05	2.58E-05	6.05E-04	1.56E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
228	1.18441	2.0854E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.86E-09	1,000,000	9.86E-03
229	1.13197	2.0854E-05	2.36E-05	6.05E-04	1.43E-08	14	4.71E-02	9.43E-09	1,000,000	9.43E-03
230	1.08088	2.0854E-05	2.25E-05	6.05E-04	1.36E-08	14	4.71E-02	9.00E-09	1,000,000	9.00E-03
231	1.15689	2.0854E-05	2.41E-05	6.05E-04	1.46E-08	14	4.71E-02	9.63E-09	1,000,000	9.63E-03
232	1.10896	2.0854E-05	2.31E-05	6.05E-04	1.40E-08	14	4.71E-02	9.24E-09	1,000,000	9.24E-03
233	1.06191	2.0854E-05	2.21E-05	6.05E-04	1.34E-08	14	4.71E-02	8.84E-09	1,000,000	8.84E-03
234	1.01607	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.46E-09	1,000,000	8.46E-03
235	1.08397	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.03E-09	1,000,000	9.03E-03
236	1.04103	2.0854E-05	2.17E-05	6.05E-04	1.31E-08	14	4.71E-02	8.67E-09	1,000,000	8.67E-03
237	0.99838	2.0854E-05	2.08E-05	6.05E-04	1.26E-08	14	4.71E-02	8.31E-09	1,000,000	8.31E-03
238	0.95737	2.0854E-05	2.00E-05	6.05E-04	1.21E-08	14	4.71E-02	7.97E-09	1,000,000	7.97E-03
239	1.01834	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.48E-09	1,000,000	8.48E-03
240	0.97953	2.0854E-05	2.04E-05	6.05E-04	1.24E-08	14	4.71E-02	8.16E-09	1,000,000	8.16E-03
241	0.94094	2.0854E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
242	0.90398	2.0854E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.53E-09	1,000,000	7.53E-03
243	1.19383	2.0854E-05	2.49E-05	6.05E-04	1.51E-08	14	4.71E-02	9.94E-09	1,000,000	9.94E-03
244	1.18237	2.0854E-05	2.47E-05	6.05E-04	1.49E-08	14	4.71E-02	9.85E-09	1,000,000	9.85E-03
245	1.16496	2.0854E-05	2.43E-05	6.05E-04	1.47E-08	14	4.71E-02	9.70E-09	1,000,000	9.70E-03
246	1.14218	2.0854E-05	2.38E-05	6.05E-04	1.44E-08	14	4.71E-02	9.51E-09	1,000,000	9.51E-03
247	1.11451	2.0854E-05	2.32E-05	6.05E-04	1.41E-08	14	4.71E-02	9.28E-09	1,000,000	9.28E-03
248	1.08326	2.0854E-05	2.26E-05	6.05E-04	1.37E-08	14	4.71E-02	9.02E-09	1,000,000	9.02E-03
249	1.04909	2.0854E-05	2.19E-05	6.05E-04	1.32E-08	14	4.71E-02	8.74E-09	1,000,000	8.74E-03
250	1.12151	2.0854E-05	2.34E-05	6.05E-04	1.42E-08	14	4.71E-02	9.34E-09	1,000,000	9.34E-03
251	1.1099	2.0854E-05	2.31E-05	6.05E-04	1.40E-08	14	4.71E-02	9.24E-09	1,000,000	9.24E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.28E-05	6.05E-04	1.38E-08	14	4.71E-02	9.10E-09	1,000,000	9.10E-03
253	1.07189	2.0854E-05	2.24E-05	6.05E-04	1.35E-08	14	4.71E-02	8.93E-09	1,000,000	8.93E-03
254	1.0464	2.0854E-05	2.18E-05	6.05E-04	1.32E-08	14	4.71E-02	8.71E-09	1,000,000	8.71E-03
255	1.01786	2.0854E-05	2.12E-05	6.05E-04	1.28E-08	14	4.71E-02	8.48E-09	1,000,000	8.48E-03
256	0.98651	2.0854E-05	2.06E-05	6.05E-04	1.24E-08	14	4.71E-02	8.22E-09	1,000,000	8.22E-03
257	1.05579	2.0854E-05	2.20E-05	6.05E-04	1.33E-08	14	4.71E-02	8.79E-09	1,000,000	8.79E-03
258	1.04422	2.0854E-05	2.18E-05	6.05E-04	1.32E-08	14	4.71E-02	8.70E-09	1,000,000	8.70E-03
259	1.02825	2.0854E-05	2.14E-05	6.05E-04	1.30E-08	14	4.71E-02	8.56E-09	1,000,000	8.56E-03
260	1.00834	2.0854E-05	2.10E-05	6.05E-04	1.27E-08	14	4.71E-02	8.40E-09	1,000,000	8.40E-03
261	0.98484	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
262	0.95866	2.0854E-05	2.00E-05	6.05E-04	1.21E-08	14	4.71E-02	7.98E-09	1,000,000	7.98E-03
263	0.93016	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.75E-09	1,000,000	7.75E-03
264	0.99564	2.0854E-05	2.08E-05	6.05E-04	1.26E-08	14	4.71E-02	8.29E-09	1,000,000	8.29E-03
265	0.98446	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.20E-09	1,000,000	8.20E-03
266	0.96929	2.0854E-05	2.02E-05	6.05E-04	1.22E-08	14	4.71E-02	8.07E-09	1,000,000	8.07E-03
267	0.95067	2.0854E-05	1.98E-05	6.05E-04	1.20E-08	14	4.71E-02	7.92E-09	1,000,000	7.92E-03
268	0.9291	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.74E-09	1,000,000	7.74E-03
269	0.90506	2.0854E-05	1.89E-05	6.05E-04	1.14E-08	14	4.71E-02	7.54E-09	1,000,000	7.54E-03
270	0.87899	2.0854E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.32E-09	1,000,000	7.32E-03
271	0.94094	2.0854E-05	1.96E-05	6.05E-04	1.19E-08	14	4.71E-02	7.84E-09	1,000,000	7.84E-03
272	0.93	2.0854E-05	1.94E-05	6.05E-04	1.17E-08	14	4.71E-02	7.75E-09	1,000,000	7.75E-03
273	0.91557	2.0854E-05	1.91E-05	6.05E-04	1.16E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03
274	0.89815	2.0854E-05	1.87E-05	6.05E-04	1.13E-08	14	4.71E-02	7.48E-09	1,000,000	7.48E-03
275	0.87817	2.0854E-05	1.83E-05	6.05E-04	1.11E-08	14	4.71E-02	7.31E-09	1,000,000	7.31E-03
276	0.85607	2.0854E-05	1.79E-05	6.05E-04	1.08E-08	14	4.71E-02	7.13E-09	1,000,000	7.13E-03
277	0.83215	2.0854E-05	1.74E-05	6.05E-04	1.05E-08	14	4.71E-02	6.93E-09	1,000,000	6.93E-03
278	0.89908	2.0854E-05	1.87E-05	6.05E-04	1.13E-08	14	4.71E-02	7.49E-09	1,000,000	7.49E-03
279	0.92338	2.0854E-05	1.93E-05	6.05E-04	1.17E-08	14	4.71E-02	7.69E-09	1,000,000	7.69E-03
280	0.98391	2.0854E-05	2.05E-05	6.05E-04	1.24E-08	14	4.71E-02	8.19E-09	1,000,000	8.19E-03
281	0.97176	2.0854E-05	2.03E-05	6.05E-04	1.23E-08	14	4.71E-02	8.09E-09	1,000,000	8.09E-03
282	1.03494	2.0854E-05	2.16E-05	6.05E-04	1.31E-08	14	4.71E-02	8.62E-09	1,000,000	8.62E-03
283	0.91452	2.0854E-05	1.91E-05	6.05E-04	1.15E-08	14	4.71E-02	7.62E-09	1,000,000	7.62E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	9.09766	2.0854E-05	1.90E-04	6.05E-04	1.15E-07	10	4.71E-02	5.41E-08	1,000,000	5.41E-02
27	10.81295	2.0854E-05	2.25E-04	6.05E-04	1.36E-07	10	4.71E-02	6.43E-08	1,000,000	6.43E-02
28	13.11291	2.0854E-05	2.73E-04	6.05E-04	1.65E-07	10	4.71E-02	7.80E-08	1,000,000	7.80E-02
29	16.30429	2.0854E-05	3.40E-04	6.05E-04	2.06E-07	10	4.71E-02	9.70E-08	1,000,000	9.70E-02
30	20.90723	2.0854E-05	4.36E-04	6.05E-04	2.64E-07	10	4.71E-02	1.24E-07	1,000,000	1.24E-01
31	27.82208	2.0854E-05	5.80E-04	6.05E-04	3.51E-07	10	4.71E-02	1.66E-07	1,000,000	1.66E-01
32	38.63195	2.0854E-05	8.06E-04	6.05E-04	4.87E-07	10	4.71E-02	2.30E-07	1,000,000	2.30E-01
33	56.22568	2.0854E-05	1.17E-03	6.05E-04	7.09E-07	10	4.71E-02	3.34E-07	1,000,000	3.34E-01
34	86.67441	2.0854E-05	1.81E-03	6.05E-04	1.09E-06	10	4.71E-02	5.16E-07	1,000,000	5.16E-01
35	150.3963	2.0854E-05	3.14E-03	6.05E-04	1.90E-06	10	4.71E-02	8.95E-07	1,000,000	8.95E-01
36	130.9415	2.0854E-05	2.73E-03	6.05E-04	1.65E-06	10	4.71E-02	7.79E-07	1,000,000	7.79E-01
37	9.26964	2.0854E-05	1.93E-04	6.05E-04	1.17E-07	10	4.71E-02	5.51E-08	1,000,000	5.51E-02
38	11.04927	2.0854E-05	2.30E-04	6.05E-04	1.39E-07	10	4.71E-02	6.57E-08	1,000,000	6.57E-02
39	13.4354	2.0854E-05	2.80E-04	6.05E-04	1.70E-07	10	4.71E-02	7.99E-08	1,000,000	7.99E-02
40	16.72858	2.0854E-05	3.49E-04	6.05E-04	2.11E-07	10	4.71E-02	9.95E-08	1,000,000	9.95E-02
41	21.41301	2.0854E-05	4.47E-04	6.05E-04	2.70E-07	10	4.71E-02	1.27E-07	1,000,000	1.27E-01
42	28.27979	2.0854E-05	5.90E-04	6.05E-04	3.57E-07	10	4.71E-02	1.68E-07	1,000,000	1.68E-01
43	38.66245	2.0854E-05	8.06E-04	6.05E-04	4.88E-07	10	4.71E-02	2.30E-07	1,000,000	2.30E-01
44	55.00978	2.0854E-05	1.15E-03	6.05E-04	6.94E-07	10	4.71E-02	3.27E-07	1,000,000	3.27E-01
45	82.84434	2.0854E-05	1.73E-03	6.05E-04	1.05E-06	10	4.71E-02	4.93E-07	1,000,000	4.93E-01
46	142.6802	2.0854E-05	2.98E-03	6.05E-04	1.80E-06	10	4.71E-02	8.49E-07	1,000,000	8.49E-01
47	131.1023	2.0854E-05	2.73E-03	6.05E-04	1.65E-06	10	4.71E-02	7.80E-07	1,000,000	7.80E-01
48	9.39917	2.0854E-05	1.96E-04	6.05E-04	1.19E-07	10	4.71E-02	5.59E-08	1,000,000	5.59E-02
49	11.22382	2.0854E-05	2.34E-04	6.05E-04	1.42E-07	10	4.71E-02	6.68E-08	1,000,000	6.68E-02
50	13.66146	2.0854E-05	2.85E-04	6.05E-04	1.72E-07	10	4.71E-02	8.13E-08	1,000,000	8.13E-02
51	16.99628	2.0854E-05	3.54E-04	6.05E-04	2.14E-07	10	4.71E-02	1.01E-07	1,000,000	1.01E-01
52	21.66951	2.0854E-05	4.52E-04	6.05E-04	2.73E-07	10	4.71E-02	1.29E-07	1,000,000	1.29E-01
53	28.38378	2.0854E-05	5.92E-04	6.05E-04	3.58E-07	10	4.71E-02	1.69E-07	1,000,000	1.69E-01
54	38.33109	2.0854E-05	7.99E-04	6.05E-04	4.84E-07	10	4.71E-02	2.28E-07	1,000,000	2.28E-01
55	53.8137	2.0854E-05	1.12E-03	6.05E-04	6.79E-07	10	4.71E-02	3.20E-07	1,000,000	3.20E-01
56	80.3929	2.0854E-05	1.68E-03	6.05E-04	1.01E-06	10	4.71E-02	4.78E-07	1,000,000	4.78E-01
57	138.9896	2.0854E-05	2.90E-03	6.05E-04	1.75E-06	10	4.71E-02	8.27E-07	1,000,000	8.27E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	2.72E-03	6.05E-04	1.65E-06	10	4.71E-02	7.76E-07	1,000,000	7.76E-01
59	9.482	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	10	4.71E-02	5.64E-08	1,000,000	5.64E-02
60	11.3276	2.0854E-05	2.36E-04	6.05E-04	1.43E-07	10	4.71E-02	6.74E-08	1,000,000	6.74E-02
61	13.77736	2.0854E-05	2.87E-04	6.05E-04	1.74E-07	10	4.71E-02	8.20E-08	1,000,000	8.20E-02
62	17.09451	2.0854E-05	3.56E-04	6.05E-04	2.16E-07	10	4.71E-02	1.02E-07	1,000,000	1.02E-01
63	21.68084	2.0854E-05	4.52E-04	6.05E-04	2.74E-07	10	4.71E-02	1.29E-07	1,000,000	1.29E-01
64	28.17851	2.0854E-05	5.88E-04	6.05E-04	3.56E-07	10	4.71E-02	1.68E-07	1,000,000	1.68E-01
65	37.71212	2.0854E-05	7.86E-04	6.05E-04	4.76E-07	10	4.71E-02	2.24E-07	1,000,000	2.24E-01
66	52.55968	2.0854E-05	1.10E-03	6.05E-04	6.63E-07	10	4.71E-02	3.13E-07	1,000,000	3.13E-01
67	78.3585	2.0854E-05	1.63E-03	6.05E-04	9.89E-07	10	4.71E-02	4.66E-07	1,000,000	4.66E-01
68	135.725	2.0854E-05	2.83E-03	6.05E-04	1.71E-06	10	4.71E-02	8.07E-07	1,000,000	8.07E-01
69	128.5347	2.0854E-05	2.68E-03	6.05E-04	1.62E-06	10	4.71E-02	7.65E-07	1,000,000	7.65E-01
70	9.51461	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	10	4.71E-02	5.66E-08	1,000,000	5.66E-02
71	11.35515	2.0854E-05	2.37E-04	6.05E-04	1.43E-07	10	4.71E-02	6.75E-08	1,000,000	6.75E-02
72	13.77786	2.0854E-05	2.87E-04	6.05E-04	1.74E-07	10	4.71E-02	8.20E-08	1,000,000	8.20E-02
73	17.02378	2.0854E-05	3.55E-04	6.05E-04	2.15E-07	10	4.71E-02	1.01E-07	1,000,000	1.01E-01
74	21.4613	2.0854E-05	4.48E-04	6.05E-04	2.71E-07	10	4.71E-02	1.28E-07	1,000,000	1.28E-01
75	27.69085	2.0854E-05	5.77E-04	6.05E-04	3.49E-07	10	4.71E-02	1.65E-07	1,000,000	1.65E-01
76	36.79858	2.0854E-05	7.67E-04	6.05E-04	4.64E-07	10	4.71E-02	2.19E-07	1,000,000	2.19E-01
77	51.04144	2.0854E-05	1.06E-03	6.05E-04	6.44E-07	10	4.71E-02	3.04E-07	1,000,000	3.04E-01
78	76.00873	2.0854E-05	1.59E-03	6.05E-04	9.59E-07	10	4.71E-02	4.52E-07	1,000,000	4.52E-01
79	131.6977	2.0854E-05	2.75E-03	6.05E-04	1.66E-06	10	4.71E-02	7.83E-07	1,000,000	7.83E-01
80	124.8277	2.0854E-05	2.60E-03	6.05E-04	1.58E-06	10	4.71E-02	7.43E-07	1,000,000	7.43E-01
81	9.49569	2.0854E-05	1.98E-04	6.05E-04	1.20E-07	10	4.71E-02	5.65E-08	1,000,000	5.65E-02
82	11.30613	2.0854E-05	2.36E-04	6.05E-04	1.43E-07	10	4.71E-02	6.73E-08	1,000,000	6.73E-02
83	13.66645	2.0854E-05	2.85E-04	6.05E-04	1.72E-07	10	4.71E-02	8.13E-08	1,000,000	8.13E-02
84	16.79518	2.0854E-05	3.50E-04	6.05E-04	2.12E-07	10	4.71E-02	9.99E-08	1,000,000	9.99E-02
85	21.02957	2.0854E-05	4.39E-04	6.05E-04	2.65E-07	10	4.71E-02	1.25E-07	1,000,000	1.25E-01
86	26.93106	2.0854E-05	5.62E-04	6.05E-04	3.40E-07	10	4.71E-02	1.60E-07	1,000,000	1.60E-01
87	35.53801	2.0854E-05	7.41E-04	6.05E-04	4.48E-07	10	4.71E-02	2.11E-07	1,000,000	2.11E-01
88	49.03253	2.0854E-05	1.02E-03	6.05E-04	6.19E-07	10	4.71E-02	2.92E-07	1,000,000	2.92E-01
89	72.81989	2.0854E-05	1.52E-03	6.05E-04	9.19E-07	10	4.71E-02	4.33E-07	1,000,000	4.33E-01
90	126.1204	2.0854E-05	2.63E-03	6.05E-04	1.59E-06	10	4.71E-02	7.50E-07	1,000,000	7.50E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	2.47E-03	6.05E-04	1.50E-06	10	4.71E-02	7.05E-07	1,000,000	7.05E-01
92	9.42677	2.0854E-05	1.97E-04	6.05E-04	1.19E-07	10	4.71E-02	5.61E-08	1,000,000	5.61E-02
93	11.18503	2.0854E-05	2.33E-04	6.05E-04	1.41E-07	10	4.71E-02	6.65E-08	1,000,000	6.65E-02
94	13.45341	2.0854E-05	2.81E-04	6.05E-04	1.70E-07	10	4.71E-02	8.00E-08	1,000,000	8.00E-02
95	16.42703	2.0854E-05	3.43E-04	6.05E-04	2.07E-07	10	4.71E-02	9.77E-08	1,000,000	9.77E-02
96	20.40931	2.0854E-05	4.26E-04	6.05E-04	2.58E-07	10	4.71E-02	1.21E-07	1,000,000	1.21E-01
97	25.91118	2.0854E-05	5.40E-04	6.05E-04	3.27E-07	10	4.71E-02	1.54E-07	1,000,000	1.54E-01
98	33.88582	2.0854E-05	7.07E-04	6.05E-04	4.28E-07	10	4.71E-02	2.02E-07	1,000,000	2.02E-01
99	46.34544	2.0854E-05	9.67E-04	6.05E-04	5.85E-07	10	4.71E-02	2.76E-07	1,000,000	2.76E-01
100	68.30693	2.0854E-05	1.42E-03	6.05E-04	8.62E-07	10	4.71E-02	4.06E-07	1,000,000	4.06E-01
101	117.8256	2.0854E-05	2.46E-03	6.05E-04	1.49E-06	10	4.71E-02	7.01E-07	1,000,000	7.01E-01
102	106.8157	2.0854E-05	2.23E-03	6.05E-04	1.35E-06	10	4.71E-02	6.35E-07	1,000,000	6.35E-01
103	15.97528	2.0854E-05	3.33E-04	6.05E-04	2.02E-07	10	4.71E-02	9.50E-08	1,000,000	9.50E-02
104	19.6451	2.0854E-05	4.10E-04	6.05E-04	2.48E-07	10	4.71E-02	1.17E-07	1,000,000	1.17E-01
105	24.85975	2.0854E-05	5.18E-04	6.05E-04	3.14E-07	10	4.71E-02	1.48E-07	1,000,000	1.48E-01
106	32.28592	2.0854E-05	6.73E-04	6.05E-04	4.07E-07	10	4.71E-02	1.92E-07	1,000,000	1.92E-01
107	42.91974	2.0854E-05	8.95E-04	6.05E-04	5.42E-07	10	4.71E-02	2.55E-07	1,000,000	2.55E-01
108	62.06138	2.0854E-05	1.29E-03	6.05E-04	7.83E-07	10	4.71E-02	3.69E-07	1,000,000	3.69E-01
109	104.667	2.0854E-05	2.18E-03	6.05E-04	1.32E-06	10	4.71E-02	6.23E-07	1,000,000	6.23E-01
110	80.07713	2.0854E-05	1.67E-03	6.05E-04	1.01E-06	10	4.71E-02	4.76E-07	1,000,000	4.76E-01
111	13.2372	2.0854E-05	2.76E-04	6.05E-04	1.67E-07	10	4.71E-02	7.87E-08	1,000,000	7.87E-02
112	10.84503	2.0854E-05	2.26E-04	6.05E-04	1.37E-07	10	4.71E-02	6.45E-08	1,000,000	6.45E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.42298	2.09E-05	8.82E-06	2.50E-04	2.21E-09	14	1.15E-02	3.55E-10	1000000.0	3.5E-04
2	0.44702	2.0854E-05	9.32E-06	2.50E-04	2.33E-09	14	1.15E-02	3.75E-10	1,000,000	3.75E-04
3	0.474	2.0854E-05	9.88E-06	2.50E-04	2.47E-09	14	1.15E-02	3.97E-10	1,000,000	3.97E-04
4	0.50323	2.0854E-05	1.05E-05	2.50E-04	2.63E-09	14	1.15E-02	4.22E-10	1,000,000	4.22E-04
5	0.53592	2.0854E-05	1.12E-05	2.50E-04	2.80E-09	14	1.15E-02	4.49E-10	1,000,000	4.49E-04
6	0.42159	2.0854E-05	8.79E-06	2.50E-04	2.20E-09	14	1.15E-02	3.53E-10	1,000,000	3.53E-04
7	0.44558	2.0854E-05	9.29E-06	2.50E-04	2.33E-09	14	1.15E-02	3.73E-10	1,000,000	3.73E-04
8	0.47218	2.0854E-05	9.85E-06	2.50E-04	2.46E-09	14	1.15E-02	3.96E-10	1,000,000	3.96E-04
9	0.5022	2.0854E-05	1.05E-05	2.50E-04	2.62E-09	14	1.15E-02	4.21E-10	1,000,000	4.21E-04
10	0.53475	2.0854E-05	1.12E-05	2.50E-04	2.79E-09	14	1.15E-02	4.48E-10	1,000,000	4.48E-04
11	0.41999	2.0854E-05	8.76E-06	2.50E-04	2.19E-09	14	1.15E-02	3.52E-10	1,000,000	3.52E-04
12	0.44409	2.0854E-05	9.26E-06	2.50E-04	2.32E-09	14	1.15E-02	3.72E-10	1,000,000	3.72E-04
13	0.47085	2.0854E-05	9.82E-06	2.50E-04	2.46E-09	14	1.15E-02	3.95E-10	1,000,000	3.95E-04
14	0.50104	2.0854E-05	1.04E-05	2.50E-04	2.62E-09	14	1.15E-02	4.20E-10	1,000,000	4.20E-04
15	0.53359	2.0854E-05	1.11E-05	2.50E-04	2.78E-09	14	1.15E-02	4.47E-10	1,000,000	4.47E-04
16	0.41858	2.0854E-05	8.73E-06	2.50E-04	2.18E-09	14	1.15E-02	3.51E-10	1,000,000	3.51E-04
17	0.44293	2.0854E-05	9.24E-06	2.50E-04	2.31E-09	14	1.15E-02	3.71E-10	1,000,000	3.71E-04
18	0.46962	2.0854E-05	9.79E-06	2.50E-04	2.45E-09	14	1.15E-02	3.94E-10	1,000,000	3.94E-04
19	0.49874	2.0854E-05	1.04E-05	2.50E-04	2.60E-09	14	1.15E-02	4.18E-10	1,000,000	4.18E-04
20	0.53133	2.0854E-05	1.11E-05	2.50E-04	2.77E-09	14	1.15E-02	4.45E-10	1,000,000	4.45E-04
21	0.41749	2.0854E-05	8.71E-06	2.50E-04	2.18E-09	14	1.15E-02	3.50E-10	1,000,000	3.50E-04
22	0.44177	2.0854E-05	9.21E-06	2.50E-04	2.31E-09	14	1.15E-02	3.70E-10	1,000,000	3.70E-04
23	0.46848	2.0854E-05	9.77E-06	2.50E-04	2.45E-09	14	1.15E-02	3.93E-10	1,000,000	3.93E-04
24	0.49763	2.0854E-05	1.04E-05	2.50E-04	2.60E-09	14	1.15E-02	4.17E-10	1,000,000	4.17E-04
25	0.52919	2.0854E-05	1.10E-05	2.50E-04	2.76E-09	14	1.15E-02	4.44E-10	1,000,000	4.44E-04
113	3.90167	2.0854E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
114	3.39794	2.0854E-05	7.09E-05	2.50E-04	1.77E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
115	2.98873	2.0854E-05	6.23E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
116	2.65183	2.0854E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
117	3.94839	2.0854E-05	8.23E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
118	3.42956	2.0854E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
119	3.01054	2.0854E-05	6.28E-05	2.50E-04	1.57E-08	14	1.15E-02	2.52E-09	1,000,000	2.52E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.6671	2.0854E-05	5.56E-05	2.50E-04	1.39E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
121	3.97407	2.0854E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
122	3.44562	2.0854E-05	7.19E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
123	3.02055	2.0854E-05	6.30E-05	2.50E-04	1.58E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
124	2.67321	2.0854E-05	5.57E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
125	3.97582	2.0854E-05	8.29E-05	2.50E-04	2.08E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
126	3.44389	2.0854E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
127	3.01697	2.0854E-05	6.29E-05	2.50E-04	1.57E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
128	2.66869	2.0854E-05	5.57E-05	2.50E-04	1.39E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
129	3.94968	2.0854E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
130	3.42149	2.0854E-05	7.14E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
131	2.99766	2.0854E-05	6.25E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
132	2.65193	2.0854E-05	5.53E-05	2.50E-04	1.38E-08	14	1.15E-02	2.22E-09	1,000,000	2.22E-03
133	3.89044	2.0854E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
134	3.37504	2.0854E-05	7.04E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
135	2.96037	2.0854E-05	6.17E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
136	2.62142	2.0854E-05	5.47E-05	2.50E-04	1.37E-08	14	1.15E-02	2.20E-09	1,000,000	2.20E-03
137	3.79171	2.0854E-05	7.91E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
138	2.90229	2.0854E-05	6.05E-05	2.50E-04	1.51E-08	14	1.15E-02	2.43E-09	1,000,000	2.43E-03
139	2.5753	2.0854E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
140	3.23131	2.0854E-05	6.74E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
141	2.87436	2.0854E-05	5.99E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
142	2.57435	2.0854E-05	5.37E-05	2.50E-04	1.34E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
143	2.31933	2.0854E-05	4.84E-05	2.50E-04	1.21E-08	14	1.15E-02	1.94E-09	1,000,000	1.94E-03
144	2.98003	2.0854E-05	6.21E-05	2.50E-04	1.56E-08	14	1.15E-02	2.50E-09	1,000,000	2.50E-03
145	2.6756	2.0854E-05	5.58E-05	2.50E-04	1.40E-08	14	1.15E-02	2.24E-09	1,000,000	2.24E-03
146	2.41656	2.0854E-05	5.04E-05	2.50E-04	1.26E-08	14	1.15E-02	2.03E-09	1,000,000	2.03E-03
147	2.19358	2.0854E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
148	2.72128	2.0854E-05	5.68E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
149	2.4651	2.0854E-05	5.14E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03
150	2.24504	2.0854E-05	4.68E-05	2.50E-04	1.17E-08	14	1.15E-02	1.88E-09	1,000,000	1.88E-03
151	2.05371	2.0854E-05	4.28E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
152	2.47133	2.0854E-05	5.15E-05	2.50E-04	1.29E-08	14	1.15E-02	2.07E-09	1,000,000	2.07E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.25565	2.0854E-05	4.70E-05	2.50E-04	1.18E-08	14	1.15E-02	1.89E-09	1,000,000	1.89E-03
154	2.0695	2.0854E-05	4.32E-05	2.50E-04	1.08E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
155	1.90676	2.0854E-05	3.98E-05	2.50E-04	9.95E-09	14	1.15E-02	1.60E-09	1,000,000	1.60E-03
156	2.24407	2.0854E-05	4.68E-05	2.50E-04	1.17E-08	14	1.15E-02	1.88E-09	1,000,000	1.88E-03
157	2.05922	2.0854E-05	4.29E-05	2.50E-04	1.07E-08	14	1.15E-02	1.73E-09	1,000,000	1.73E-03
158	1.89991	2.0854E-05	3.96E-05	2.50E-04	9.92E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
159	1.76073	2.0854E-05	3.67E-05	2.50E-04	9.19E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
160	2.04776	2.0854E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
161	1.88464	2.0854E-05	3.93E-05	2.50E-04	9.84E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
162	1.74473	2.0854E-05	3.64E-05	2.50E-04	9.11E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
163	1.62295	2.0854E-05	3.38E-05	2.50E-04	8.47E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
164	1.88309	2.0854E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
165	1.73548	2.0854E-05	3.62E-05	2.50E-04	9.06E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
166	1.60783	2.0854E-05	3.35E-05	2.50E-04	8.39E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
167	1.4985	2.0854E-05	3.13E-05	2.50E-04	7.82E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
168	1.74492	2.0854E-05	3.64E-05	2.50E-04	9.11E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
169	1.61002	2.0854E-05	3.36E-05	2.50E-04	8.40E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
170	1.49235	2.0854E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
171	1.39186	2.0854E-05	2.90E-05	2.50E-04	7.26E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
172	1.62624	2.0854E-05	3.39E-05	2.50E-04	8.49E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
173	1.50344	2.0854E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
174	1.39493	2.0854E-05	2.91E-05	2.50E-04	7.28E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
175	1.30116	2.0854E-05	2.71E-05	2.50E-04	6.79E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
176	1.52117	2.0854E-05	3.17E-05	2.50E-04	7.94E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
177	1.41048	2.0854E-05	2.94E-05	2.50E-04	7.36E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
178	1.31099	2.0854E-05	2.73E-05	2.50E-04	6.84E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
179	1.22373	2.0854E-05	2.55E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
180	1.42594	2.0854E-05	2.97E-05	2.50E-04	7.44E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
181	1.32674	2.0854E-05	2.77E-05	2.50E-04	6.92E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
182	1.23665	2.0854E-05	2.58E-05	2.50E-04	6.45E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
183	1.15625	2.0854E-05	2.41E-05	2.50E-04	6.03E-09	14	1.15E-02	9.69E-10	1,000,000	9.69E-04
184	1.884	2.0854E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
185	1.60578	2.0854E-05	3.35E-05	2.50E-04	8.38E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.49399	2.0854E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
187	1.39129	2.0854E-05	2.90E-05	2.50E-04	7.26E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
188	1.29666	2.0854E-05	2.70E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
189	1.59927	2.0854E-05	3.34E-05	2.50E-04	8.35E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
190	1.49375	2.0854E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
191	1.39636	2.0854E-05	2.91E-05	2.50E-04	7.29E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
192	1.30623	2.0854E-05	2.72E-05	2.50E-04	6.82E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
193	1.22194	2.0854E-05	2.55E-05	2.50E-04	6.38E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
194	1.48423	2.0854E-05	3.10E-05	2.50E-04	7.75E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
195	1.3924	2.0854E-05	2.90E-05	2.50E-04	7.27E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
196	1.307	2.0854E-05	2.73E-05	2.50E-04	6.82E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
197	1.2269	2.0854E-05	2.56E-05	2.50E-04	6.40E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
198	1.15305	2.0854E-05	2.40E-05	2.50E-04	6.02E-09	14	1.15E-02	9.67E-10	1,000,000	9.67E-04
199	1.38128	2.0854E-05	2.88E-05	2.50E-04	7.21E-09	14	1.15E-02	1.16E-09	1,000,000	1.16E-03
200	1.3007	2.0854E-05	2.71E-05	2.50E-04	6.79E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03
201	1.22519	2.0854E-05	2.56E-05	2.50E-04	6.39E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
202	1.15461	2.0854E-05	2.41E-05	2.50E-04	6.03E-09	14	1.15E-02	9.68E-10	1,000,000	9.68E-04
203	1.08892	2.0854E-05	2.27E-05	2.50E-04	5.68E-09	14	1.15E-02	9.13E-10	1,000,000	9.13E-04
204	1.62889	2.0854E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
205	1.2888	2.0854E-05	2.69E-05	2.50E-04	6.73E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
206	1.21764	2.0854E-05	2.54E-05	2.50E-04	6.36E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
207	1.15028	2.0854E-05	2.40E-05	2.50E-04	6.00E-09	14	1.15E-02	9.64E-10	1,000,000	9.64E-04
208	1.08805	2.0854E-05	2.27E-05	2.50E-04	5.68E-09	14	1.15E-02	9.12E-10	1,000,000	9.12E-04
209	1.50457	2.0854E-05	3.14E-05	2.50E-04	7.85E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
210	1.42234	2.0854E-05	2.97E-05	2.50E-04	7.42E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
211	1.34505	2.0854E-05	2.81E-05	2.50E-04	7.02E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
212	1.273	2.0854E-05	2.65E-05	2.50E-04	6.64E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
213	1.20552	2.0854E-05	2.51E-05	2.50E-04	6.29E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
214	1.14188	2.0854E-05	2.38E-05	2.50E-04	5.96E-09	14	1.15E-02	9.57E-10	1,000,000	9.57E-04
215	1.08232	2.0854E-05	2.26E-05	2.50E-04	5.65E-09	14	1.15E-02	9.07E-10	1,000,000	9.07E-04
216	1.4319	2.0854E-05	2.99E-05	2.50E-04	7.47E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
217	1.36378	2.0854E-05	2.84E-05	2.50E-04	7.12E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
218	1.29655	2.0854E-05	2.70E-05	2.50E-04	6.77E-09	14	1.15E-02	1.09E-09	1,000,000	1.09E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.23307	2.0854E-05	2.57E-05	2.50E-04	6.44E-09	14	1.15E-02	1.03E-09	1,000,000	1.03E-03
220	1.1724	2.0854E-05	2.44E-05	2.50E-04	6.12E-09	14	1.15E-02	9.83E-10	1,000,000	9.83E-04
221	1.11513	2.0854E-05	2.33E-05	2.50E-04	5.82E-09	14	1.15E-02	9.35E-10	1,000,000	9.35E-04
222	1.32959	2.0854E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
223	1.26895	2.0854E-05	2.65E-05	2.50E-04	6.62E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
224	1.20977	2.0854E-05	2.52E-05	2.50E-04	6.31E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
225	1.15331	2.0854E-05	2.41E-05	2.50E-04	6.02E-09	14	1.15E-02	9.67E-10	1,000,000	9.67E-04
226	1.09893	2.0854E-05	2.29E-05	2.50E-04	5.74E-09	14	1.15E-02	9.21E-10	1,000,000	9.21E-04
227	1.23848	2.0854E-05	2.58E-05	2.50E-04	6.46E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
228	1.18441	2.0854E-05	2.47E-05	2.50E-04	6.18E-09	14	1.15E-02	9.93E-10	1,000,000	9.93E-04
229	1.13197	2.0854E-05	2.36E-05	2.50E-04	5.91E-09	14	1.15E-02	9.49E-10	1,000,000	9.49E-04
230	1.08088	2.0854E-05	2.25E-05	2.50E-04	5.64E-09	14	1.15E-02	9.06E-10	1,000,000	9.06E-04
231	1.15689	2.0854E-05	2.41E-05	2.50E-04	6.04E-09	14	1.15E-02	9.70E-10	1,000,000	9.70E-04
232	1.10896	2.0854E-05	2.31E-05	2.50E-04	5.79E-09	14	1.15E-02	9.30E-10	1,000,000	9.30E-04
233	1.06191	2.0854E-05	2.21E-05	2.50E-04	5.54E-09	14	1.15E-02	8.90E-10	1,000,000	8.90E-04
234	1.01607	2.0854E-05	2.12E-05	2.50E-04	5.30E-09	14	1.15E-02	8.52E-10	1,000,000	8.52E-04
235	1.08397	2.0854E-05	2.26E-05	2.50E-04	5.66E-09	14	1.15E-02	9.09E-10	1,000,000	9.09E-04
236	1.04103	2.0854E-05	2.17E-05	2.50E-04	5.43E-09	14	1.15E-02	8.73E-10	1,000,000	8.73E-04
237	0.99838	2.0854E-05	2.08E-05	2.50E-04	5.21E-09	14	1.15E-02	8.37E-10	1,000,000	8.37E-04
238	0.95737	2.0854E-05	2.00E-05	2.50E-04	5.00E-09	14	1.15E-02	8.02E-10	1,000,000	8.02E-04
239	1.01834	2.0854E-05	2.12E-05	2.50E-04	5.32E-09	14	1.15E-02	8.54E-10	1,000,000	8.54E-04
240	0.97953	2.0854E-05	2.04E-05	2.50E-04	5.11E-09	14	1.15E-02	8.21E-10	1,000,000	8.21E-04
241	0.94094	2.0854E-05	1.96E-05	2.50E-04	4.91E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
242	0.90398	2.0854E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.58E-10	1,000,000	7.58E-04
243	1.19383	2.0854E-05	2.49E-05	2.50E-04	6.23E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
244	1.18237	2.0854E-05	2.47E-05	2.50E-04	6.17E-09	14	1.15E-02	9.91E-10	1,000,000	9.91E-04
245	1.16496	2.0854E-05	2.43E-05	2.50E-04	6.08E-09	14	1.15E-02	9.76E-10	1,000,000	9.76E-04
246	1.14218	2.0854E-05	2.38E-05	2.50E-04	5.96E-09	14	1.15E-02	9.57E-10	1,000,000	9.57E-04
247	1.11451	2.0854E-05	2.32E-05	2.50E-04	5.82E-09	14	1.15E-02	9.34E-10	1,000,000	9.34E-04
248	1.08326	2.0854E-05	2.26E-05	2.50E-04	5.65E-09	14	1.15E-02	9.08E-10	1,000,000	9.08E-04
249	1.04909	2.0854E-05	2.19E-05	2.50E-04	5.48E-09	14	1.15E-02	8.79E-10	1,000,000	8.79E-04
250	1.12151	2.0854E-05	2.34E-05	2.50E-04	5.85E-09	14	1.15E-02	9.40E-10	1,000,000	9.40E-04
251	1.1099	2.0854E-05	2.31E-05	2.50E-04	5.79E-09	14	1.15E-02	9.30E-10	1,000,000	9.30E-04

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.0932	2.0854E-05	2.28E-05	2.50E-04	5.71E-09	14	1.15E-02	9.16E-10	1,000,000	9.16E-04
253	1.07189	2.0854E-05	2.24E-05	2.50E-04	5.59E-09	14	1.15E-02	8.98E-10	1,000,000	8.98E-04
254	1.0464	2.0854E-05	2.18E-05	2.50E-04	5.46E-09	14	1.15E-02	8.77E-10	1,000,000	8.77E-04
255	1.01786	2.0854E-05	2.12E-05	2.50E-04	5.31E-09	14	1.15E-02	8.53E-10	1,000,000	8.53E-04
256	0.98651	2.0854E-05	2.06E-05	2.50E-04	5.15E-09	14	1.15E-02	8.27E-10	1,000,000	8.27E-04
257	1.05579	2.0854E-05	2.20E-05	2.50E-04	5.51E-09	14	1.15E-02	8.85E-10	1,000,000	8.85E-04
258	1.04422	2.0854E-05	2.18E-05	2.50E-04	5.45E-09	14	1.15E-02	8.75E-10	1,000,000	8.75E-04
259	1.02825	2.0854E-05	2.14E-05	2.50E-04	5.37E-09	14	1.15E-02	8.62E-10	1,000,000	8.62E-04
260	1.00834	2.0854E-05	2.10E-05	2.50E-04	5.26E-09	14	1.15E-02	8.45E-10	1,000,000	8.45E-04
261	0.98484	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.26E-10	1,000,000	8.26E-04
262	0.95866	2.0854E-05	2.00E-05	2.50E-04	5.00E-09	14	1.15E-02	8.04E-10	1,000,000	8.04E-04
263	0.93016	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.80E-10	1,000,000	7.80E-04
264	0.99564	2.0854E-05	2.08E-05	2.50E-04	5.20E-09	14	1.15E-02	8.35E-10	1,000,000	8.35E-04
265	0.98446	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.25E-10	1,000,000	8.25E-04
266	0.96929	2.0854E-05	2.02E-05	2.50E-04	5.06E-09	14	1.15E-02	8.12E-10	1,000,000	8.12E-04
267	0.95067	2.0854E-05	1.98E-05	2.50E-04	4.96E-09	14	1.15E-02	7.97E-10	1,000,000	7.97E-04
268	0.9291	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.79E-10	1,000,000	7.79E-04
269	0.90506	2.0854E-05	1.89E-05	2.50E-04	4.72E-09	14	1.15E-02	7.59E-10	1,000,000	7.59E-04
270	0.87899	2.0854E-05	1.83E-05	2.50E-04	4.59E-09	14	1.15E-02	7.37E-10	1,000,000	7.37E-04
271	0.94094	2.0854E-05	1.96E-05	2.50E-04	4.91E-09	14	1.15E-02	7.89E-10	1,000,000	7.89E-04
272	0.93	2.0854E-05	1.94E-05	2.50E-04	4.85E-09	14	1.15E-02	7.80E-10	1,000,000	7.80E-04
273	0.91557	2.0854E-05	1.91E-05	2.50E-04	4.78E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04
274	0.89815	2.0854E-05	1.87E-05	2.50E-04	4.69E-09	14	1.15E-02	7.53E-10	1,000,000	7.53E-04
275	0.87817	2.0854E-05	1.83E-05	2.50E-04	4.58E-09	14	1.15E-02	7.36E-10	1,000,000	7.36E-04
276	0.85607	2.0854E-05	1.79E-05	2.50E-04	4.47E-09	14	1.15E-02	7.18E-10	1,000,000	7.18E-04
277	0.83215	2.0854E-05	1.74E-05	2.50E-04	4.34E-09	14	1.15E-02	6.98E-10	1,000,000	6.98E-04
278	0.89908	2.0854E-05	1.87E-05	2.50E-04	4.69E-09	14	1.15E-02	7.54E-10	1,000,000	7.54E-04
279	0.92338	2.0854E-05	1.93E-05	2.50E-04	4.82E-09	14	1.15E-02	7.74E-10	1,000,000	7.74E-04
280	0.98391	2.0854E-05	2.05E-05	2.50E-04	5.14E-09	14	1.15E-02	8.25E-10	1,000,000	8.25E-04
281	0.97176	2.0854E-05	2.03E-05	2.50E-04	5.07E-09	14	1.15E-02	8.15E-10	1,000,000	8.15E-04
282	1.03494	2.0854E-05	2.16E-05	2.50E-04	5.40E-09	14	1.15E-02	8.68E-10	1,000,000	8.68E-04
283	0.91452	2.0854E-05	1.91E-05	2.50E-04	4.77E-09	14	1.15E-02	7.67E-10	1,000,000	7.67E-04

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	9.09766	2.0854E-05	1.90E-04	2.50E-04	4.75E-08	30	1.15E-02	1.63E-08	1,000,000	1.63E-02
27	10.81295	2.0854E-05	2.25E-04	2.50E-04	5.64E-08	30	1.15E-02	1.94E-08	1,000,000	1.94E-02
28	13.11291	2.0854E-05	2.73E-04	2.50E-04	6.84E-08	30	1.15E-02	2.36E-08	1,000,000	2.36E-02
29	16.30429	2.0854E-05	3.40E-04	2.50E-04	8.51E-08	30	1.15E-02	2.93E-08	1,000,000	2.93E-02
30	20.90723	2.0854E-05	4.36E-04	2.50E-04	1.09E-07	30	1.15E-02	3.76E-08	1,000,000	3.76E-02
31	27.82208	2.0854E-05	5.80E-04	2.50E-04	1.45E-07	30	1.15E-02	5.00E-08	1,000,000	5.00E-02
32	38.63195	2.0854E-05	8.06E-04	2.50E-04	2.02E-07	30	1.15E-02	6.94E-08	1,000,000	6.94E-02
33	56.22568	2.0854E-05	1.17E-03	2.50E-04	2.93E-07	30	1.15E-02	1.01E-07	1,000,000	1.01E-01
34	86.67441	2.0854E-05	1.81E-03	2.50E-04	4.52E-07	30	1.15E-02	1.56E-07	1,000,000	1.56E-01
35	150.3963	2.0854E-05	3.14E-03	2.50E-04	7.85E-07	30	1.15E-02	2.70E-07	1,000,000	2.70E-01
36	130.9415	2.0854E-05	2.73E-03	2.50E-04	6.83E-07	30	1.15E-02	2.35E-07	1,000,000	2.35E-01
37	9.26964	2.0854E-05	1.93E-04	2.50E-04	4.84E-08	30	1.15E-02	1.66E-08	1,000,000	1.66E-02
38	11.04927	2.0854E-05	2.30E-04	2.50E-04	5.77E-08	30	1.15E-02	1.98E-08	1,000,000	1.98E-02
39	13.4354	2.0854E-05	2.80E-04	2.50E-04	7.01E-08	30	1.15E-02	2.41E-08	1,000,000	2.41E-02
40	16.72858	2.0854E-05	3.49E-04	2.50E-04	8.73E-08	30	1.15E-02	3.00E-08	1,000,000	3.00E-02
41	21.41301	2.0854E-05	4.47E-04	2.50E-04	1.12E-07	30	1.15E-02	3.85E-08	1,000,000	3.85E-02
42	28.27979	2.0854E-05	5.90E-04	2.50E-04	1.48E-07	30	1.15E-02	5.08E-08	1,000,000	5.08E-02
43	38.66245	2.0854E-05	8.06E-04	2.50E-04	2.02E-07	30	1.15E-02	6.94E-08	1,000,000	6.94E-02
44	55.00978	2.0854E-05	1.15E-03	2.50E-04	2.87E-07	30	1.15E-02	9.88E-08	1,000,000	9.88E-02
45	82.84434	2.0854E-05	1.73E-03	2.50E-04	4.32E-07	30	1.15E-02	1.49E-07	1,000,000	1.49E-01
46	142.6802	2.0854E-05	2.98E-03	2.50E-04	7.45E-07	30	1.15E-02	2.56E-07	1,000,000	2.56E-01
47	131.1023	2.0854E-05	2.73E-03	2.50E-04	6.84E-07	30	1.15E-02	2.35E-07	1,000,000	2.35E-01
48	9.39917	2.0854E-05	1.96E-04	2.50E-04	4.91E-08	30	1.15E-02	1.69E-08	1,000,000	1.69E-02
49	11.22382	2.0854E-05	2.34E-04	2.50E-04	5.86E-08	30	1.15E-02	2.02E-08	1,000,000	2.02E-02
50	13.66146	2.0854E-05	2.85E-04	2.50E-04	7.13E-08	30	1.15E-02	2.45E-08	1,000,000	2.45E-02
51	16.99628	2.0854E-05	3.54E-04	2.50E-04	8.87E-08	30	1.15E-02	3.05E-08	1,000,000	3.05E-02
52	21.66951	2.0854E-05	4.52E-04	2.50E-04	1.13E-07	30	1.15E-02	3.89E-08	1,000,000	3.89E-02
53	28.38378	2.0854E-05	5.92E-04	2.50E-04	1.48E-07	30	1.15E-02	5.10E-08	1,000,000	5.10E-02
54	38.33109	2.0854E-05	7.99E-04	2.50E-04	2.00E-07	30	1.15E-02	6.88E-08	1,000,000	6.88E-02
55	53.8137	2.0854E-05	1.12E-03	2.50E-04	2.81E-07	30	1.15E-02	9.67E-08	1,000,000	9.67E-02
56	80.3929	2.0854E-05	1.68E-03	2.50E-04	4.20E-07	30	1.15E-02	1.44E-07	1,000,000	1.44E-01
57	138.9896	2.0854E-05	2.90E-03	2.50E-04	7.25E-07	30	1.15E-02	2.50E-07	1,000,000	2.50E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	130.5253	2.0854E-05	2.72E-03	2.50E-04	6.81E-07	30	1.15E-02	2.34E-07	1,000,000	2.34E-01
59	9.482	2.0854E-05	1.98E-04	2.50E-04	4.95E-08	30	1.15E-02	1.70E-08	1,000,000	1.70E-02
60	11.3276	2.0854E-05	2.36E-04	2.50E-04	5.91E-08	30	1.15E-02	2.03E-08	1,000,000	2.03E-02
61	13.77736	2.0854E-05	2.87E-04	2.50E-04	7.19E-08	30	1.15E-02	2.47E-08	1,000,000	2.47E-02
62	17.09451	2.0854E-05	3.56E-04	2.50E-04	8.92E-08	30	1.15E-02	3.07E-08	1,000,000	3.07E-02
63	21.68084	2.0854E-05	4.52E-04	2.50E-04	1.13E-07	30	1.15E-02	3.89E-08	1,000,000	3.89E-02
64	28.17851	2.0854E-05	5.88E-04	2.50E-04	1.47E-07	30	1.15E-02	5.06E-08	1,000,000	5.06E-02
65	37.71212	2.0854E-05	7.86E-04	2.50E-04	1.97E-07	30	1.15E-02	6.77E-08	1,000,000	6.77E-02
66	52.55968	2.0854E-05	1.10E-03	2.50E-04	2.74E-07	30	1.15E-02	9.44E-08	1,000,000	9.44E-02
67	78.3585	2.0854E-05	1.63E-03	2.50E-04	4.09E-07	30	1.15E-02	1.41E-07	1,000,000	1.41E-01
68	135.725	2.0854E-05	2.83E-03	2.50E-04	7.08E-07	30	1.15E-02	2.44E-07	1,000,000	2.44E-01
69	128.5347	2.0854E-05	2.68E-03	2.50E-04	6.71E-07	30	1.15E-02	2.31E-07	1,000,000	2.31E-01
70	9.51461	2.0854E-05	1.98E-04	2.50E-04	4.97E-08	30	1.15E-02	1.71E-08	1,000,000	1.71E-02
71	11.35515	2.0854E-05	2.37E-04	2.50E-04	5.93E-08	30	1.15E-02	2.04E-08	1,000,000	2.04E-02
72	13.77786	2.0854E-05	2.87E-04	2.50E-04	7.19E-08	30	1.15E-02	2.47E-08	1,000,000	2.47E-02
73	17.02378	2.0854E-05	3.55E-04	2.50E-04	8.89E-08	30	1.15E-02	3.06E-08	1,000,000	3.06E-02
74	21.4613	2.0854E-05	4.48E-04	2.50E-04	1.12E-07	30	1.15E-02	3.85E-08	1,000,000	3.85E-02
75	27.69085	2.0854E-05	5.77E-04	2.50E-04	1.45E-07	30	1.15E-02	4.97E-08	1,000,000	4.97E-02
76	36.79858	2.0854E-05	7.67E-04	2.50E-04	1.92E-07	30	1.15E-02	6.61E-08	1,000,000	6.61E-02
77	51.04144	2.0854E-05	1.06E-03	2.50E-04	2.66E-07	30	1.15E-02	9.17E-08	1,000,000	9.17E-02
78	76.00873	2.0854E-05	1.59E-03	2.50E-04	3.97E-07	30	1.15E-02	1.37E-07	1,000,000	1.37E-01
79	131.6977	2.0854E-05	2.75E-03	2.50E-04	6.87E-07	30	1.15E-02	2.37E-07	1,000,000	2.37E-01
80	124.8277	2.0854E-05	2.60E-03	2.50E-04	6.52E-07	30	1.15E-02	2.24E-07	1,000,000	2.24E-01
81	9.49569	2.0854E-05	1.98E-04	2.50E-04	4.96E-08	30	1.15E-02	1.71E-08	1,000,000	1.71E-02
82	11.30613	2.0854E-05	2.36E-04	2.50E-04	5.90E-08	30	1.15E-02	2.03E-08	1,000,000	2.03E-02
83	13.66645	2.0854E-05	2.85E-04	2.50E-04	7.13E-08	30	1.15E-02	2.45E-08	1,000,000	2.45E-02
84	16.79518	2.0854E-05	3.50E-04	2.50E-04	8.77E-08	30	1.15E-02	3.02E-08	1,000,000	3.02E-02
85	21.02957	2.0854E-05	4.39E-04	2.50E-04	1.10E-07	30	1.15E-02	3.78E-08	1,000,000	3.78E-02
86	26.93106	2.0854E-05	5.62E-04	2.50E-04	1.41E-07	30	1.15E-02	4.84E-08	1,000,000	4.84E-02
87	35.53801	2.0854E-05	7.41E-04	2.50E-04	1.85E-07	30	1.15E-02	6.38E-08	1,000,000	6.38E-02
88	49.03253	2.0854E-05	1.02E-03	2.50E-04	2.56E-07	30	1.15E-02	8.81E-08	1,000,000	8.81E-02
89	72.81989	2.0854E-05	1.52E-03	2.50E-04	3.80E-07	30	1.15E-02	1.31E-07	1,000,000	1.31E-01
90	126.1204	2.0854E-05	2.63E-03	2.50E-04	6.58E-07	30	1.15E-02	2.27E-07	1,000,000	2.27E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Cancer Risk From Haul1C - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	118.4824	2.0854E-05	2.47E-03	2.50E-04	6.18E-07	30	1.15E-02	2.13E-07	1,000,000	2.13E-01
92	9.42677	2.0854E-05	1.97E-04	2.50E-04	4.92E-08	30	1.15E-02	1.69E-08	1,000,000	1.69E-02
93	11.18503	2.0854E-05	2.33E-04	2.50E-04	5.84E-08	30	1.15E-02	2.01E-08	1,000,000	2.01E-02
94	13.45341	2.0854E-05	2.81E-04	2.50E-04	7.02E-08	30	1.15E-02	2.42E-08	1,000,000	2.42E-02
95	16.42703	2.0854E-05	3.43E-04	2.50E-04	8.57E-08	30	1.15E-02	2.95E-08	1,000,000	2.95E-02
96	20.40931	2.0854E-05	4.26E-04	2.50E-04	1.07E-07	30	1.15E-02	3.67E-08	1,000,000	3.67E-02
97	25.91118	2.0854E-05	5.40E-04	2.50E-04	1.35E-07	30	1.15E-02	4.65E-08	1,000,000	4.65E-02
98	33.88582	2.0854E-05	7.07E-04	2.50E-04	1.77E-07	30	1.15E-02	6.09E-08	1,000,000	6.09E-02
99	46.34544	2.0854E-05	9.67E-04	2.50E-04	2.42E-07	30	1.15E-02	8.32E-08	1,000,000	8.32E-02
100	68.30693	2.0854E-05	1.42E-03	2.50E-04	3.57E-07	30	1.15E-02	1.23E-07	1,000,000	1.23E-01
101	117.8256	2.0854E-05	2.46E-03	2.50E-04	6.15E-07	30	1.15E-02	2.12E-07	1,000,000	2.12E-01
102	106.8157	2.0854E-05	2.23E-03	2.50E-04	5.58E-07	30	1.15E-02	1.92E-07	1,000,000	1.92E-01
103	15.97528	2.0854E-05	3.33E-04	2.50E-04	8.34E-08	30	1.15E-02	2.87E-08	1,000,000	2.87E-02
104	19.6451	2.0854E-05	4.10E-04	2.50E-04	1.03E-07	30	1.15E-02	3.53E-08	1,000,000	3.53E-02
105	24.85975	2.0854E-05	5.18E-04	2.50E-04	1.30E-07	30	1.15E-02	4.47E-08	1,000,000	4.47E-02
106	32.28592	2.0854E-05	6.73E-04	2.50E-04	1.69E-07	30	1.15E-02	5.80E-08	1,000,000	5.80E-02
107	42.91974	2.0854E-05	8.95E-04	2.50E-04	2.24E-07	30	1.15E-02	7.71E-08	1,000,000	7.71E-02
108	62.06138	2.0854E-05	1.29E-03	2.50E-04	3.24E-07	30	1.15E-02	1.11E-07	1,000,000	1.11E-01
109	104.667	2.0854E-05	2.18E-03	2.50E-04	5.46E-07	30	1.15E-02	1.88E-07	1,000,000	1.88E-01
110	80.07713	2.0854E-05	1.67E-03	2.50E-04	4.18E-07	30	1.15E-02	1.44E-07	1,000,000	1.44E-01
111	13.2372	2.0854E-05	2.76E-04	2.50E-04	6.91E-08	30	1.15E-02	2.38E-08	1,000,000	2.38E-02
112	10.84503	2.0854E-05	2.26E-04	2.50E-04	5.66E-08	30	1.15E-02	1.95E-08	1,000,000	1.95E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	6.0E-03	School	0.8947	35	5	5.29E-06	0.00188	35	School
2	6.3E-03	Res	0.0562	125	5	5.59E-06	0.0000	125	Res
3	6.7E-03	Teachers	0.270	35	5	5.93E-06	0.00188	35	Teachers
4	7.1E-03				5	6.30E-06			
5	7.6E-03				5	6.71E-06			
6	6.0E-03				5	5.28E-06			
7	6.3E-03				5	5.58E-06			
8	6.7E-03				5	5.91E-06			
9	7.1E-03				5	6.28E-06			
10	7.6E-03				5	6.69E-06			
11	5.9E-03				5	5.26E-06			
12	6.3E-03				5	5.56E-06			
13	6.7E-03				5	5.89E-06			
14	7.1E-03				5	6.27E-06			
15	7.5E-03				5	6.68E-06			
16	5.9E-03				5	5.24E-06			
17	6.3E-03				5	5.54E-06			
18	6.6E-03				5	5.88E-06			
19	7.0E-03				5	6.24E-06			
20	7.5E-03				5	6.65E-06			
21	5.9E-03				5	5.22E-06			
22	6.2E-03				5	5.53E-06			
23	6.6E-03				5	5.86E-06			
24	7.0E-03				5	6.23E-06			
25	7.5E-03				5	6.62E-06			
113	5.5E-02				5	4.88E-05			
114	4.8E-02				5	4.25E-05			
115	4.2E-02				5	3.74E-05			
116	3.7E-02				5	3.32E-05			
117	5.6E-02				5	4.94E-05			
118	4.8E-02				5	4.29E-05			
119	4.3E-02				5	3.77E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	3.8E-02				5	3.34E-05		
121	5.6E-02				5	4.97E-05		
122	4.9E-02				5	4.31E-05		
123	4.3E-02				5	3.78E-05		
124	3.8E-02				5	3.34E-05		
125	5.6E-02				5	4.97E-05		
126	4.9E-02				5	4.31E-05		
127	4.3E-02				5	3.78E-05		
128	3.8E-02				5	3.34E-05		
129	5.6E-02				5	4.94E-05		
130	4.8E-02				5	4.28E-05		
131	4.2E-02				5	3.75E-05		
132	3.7E-02				5	3.32E-05		
133	5.5E-02				5	4.87E-05		
134	4.8E-02				5	4.22E-05		
135	4.2E-02				5	3.70E-05		
136	3.7E-02				5	3.28E-05		
137	5.4E-02				5	4.74E-05		
138	4.1E-02				5	3.63E-05		
139	3.6E-02				5	3.22E-05		
140	4.6E-02				5	4.04E-05		
141	4.1E-02				5	3.60E-05		
142	3.6E-02				5	3.22E-05		
143	3.3E-02				5	2.90E-05		
144	4.2E-02				5	3.73E-05		
145	3.8E-02				5	3.35E-05		
146	3.4E-02				5	3.02E-05		
147	3.1E-02				5	2.74E-05		
148	3.8E-02				5	3.41E-05		
149	3.5E-02				5	3.08E-05		
150	3.2E-02				5	2.81E-05		
151	2.9E-02				5	2.57E-05		
152	3.5E-02				5	3.09E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	3.2E-02				5	2.82E-05		
154	2.9E-02				5	2.59E-05		
155	2.7E-02				5	2.39E-05		
156	3.2E-02				5	2.81E-05		
157	2.9E-02				5	2.58E-05		
158	2.7E-02				5	2.38E-05		
159	2.5E-02				5	2.20E-05		
160	2.9E-02				5	2.56E-05		
161	2.7E-02				5	2.36E-05		
162	2.5E-02				5	2.18E-05		
163	2.3E-02				5	2.03E-05		
164	2.7E-02				5	2.36E-05		
165	2.5E-02				5	2.17E-05		
166	2.3E-02				5	2.01E-05		
167	2.1E-02				5	1.88E-05		
168	2.5E-02				5	2.18E-05		
169	2.3E-02				5	2.01E-05		
170	2.1E-02				5	1.87E-05		
171	2.0E-02				5	1.74E-05		
172	2.3E-02				5	2.03E-05		
173	2.1E-02				5	1.88E-05		
174	2.0E-02				5	1.75E-05		
175	1.8E-02				5	1.63E-05		
176	2.1E-02				5	1.90E-05		
177	2.0E-02				5	1.76E-05		
178	1.9E-02				5	1.64E-05		
179	1.7E-02				5	1.53E-05		
180	2.0E-02				5	1.78E-05		
181	1.9E-02				5	1.66E-05		
182	1.7E-02				5	1.55E-05		
183	1.6E-02				5	1.45E-05		
184	2.7E-02				5	2.36E-05		
185	2.3E-02				5	2.01E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	2.1E-02				5	1.87E-05		
187	2.0E-02				5	1.74E-05		
188	1.8E-02				5	1.62E-05		
189	2.3E-02				5	2.00E-05		
190	2.1E-02				5	1.87E-05		
191	2.0E-02				5	1.75E-05		
192	1.8E-02				5	1.63E-05		
193	1.7E-02				5	1.53E-05		
194	2.1E-02				5	1.86E-05		
195	2.0E-02				5	1.74E-05		
196	1.8E-02				5	1.64E-05		
197	1.7E-02				5	1.54E-05		
198	1.6E-02				5	1.44E-05		
199	2.0E-02				5	1.73E-05		
200	1.8E-02				5	1.63E-05		
201	1.7E-02				5	1.53E-05		
202	1.6E-02				5	1.44E-05		
203	1.5E-02				5	1.36E-05		
204	2.3E-02				5	2.04E-05		
205	1.8E-02				5	1.61E-05		
206	1.7E-02				5	1.52E-05		
207	1.6E-02				5	1.44E-05		
208	1.5E-02				5	1.36E-05		
209	2.1E-02				5	1.88E-05		
210	2.0E-02				5	1.78E-05		
211	1.9E-02				5	1.68E-05		
212	1.8E-02				5	1.59E-05		
213	1.7E-02				5	1.51E-05		
214	1.6E-02				5	1.43E-05		
215	1.5E-02				5	1.35E-05		
216	2.0E-02				5	1.79E-05		
217	1.9E-02				5	1.71E-05		
218	1.8E-02				5	1.62E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.7E-02				5	1.54E-05		
220	1.7E-02				5	1.47E-05		
221	1.6E-02				5	1.40E-05		
222	1.9E-02				5	1.66E-05		
223	1.8E-02				5	1.59E-05		
224	1.7E-02				5	1.51E-05		
225	1.6E-02				5	1.44E-05		
226	1.6E-02				5	1.38E-05		
227	1.8E-02				5	1.55E-05		
228	1.7E-02				5	1.48E-05		
229	1.6E-02				5	1.42E-05		
230	1.5E-02				5	1.35E-05		
231	1.6E-02				5	1.45E-05		
232	1.6E-02				5	1.39E-05		
233	1.5E-02				5	1.33E-05		
234	1.4E-02				5	1.27E-05		
235	1.5E-02				5	1.36E-05		
236	1.5E-02				5	1.30E-05		
237	1.4E-02				5	1.25E-05		
238	1.4E-02				5	1.20E-05		
239	1.4E-02				5	1.27E-05		
240	1.4E-02				5	1.23E-05		
241	1.3E-02				5	1.18E-05		
242	1.3E-02				5	1.13E-05		
243	1.7E-02				5	1.49E-05		
244	1.7E-02				5	1.48E-05		
245	1.6E-02				5	1.46E-05		
246	1.6E-02				5	1.43E-05		
247	1.6E-02				5	1.39E-05		
248	1.5E-02				5	1.36E-05		
249	1.5E-02				5	1.31E-05		
250	1.6E-02				5	1.40E-05		
251	1.6E-02				5	1.39E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.5E-02				5	1.37E-05		
253	1.5E-02				5	1.34E-05		
254	1.5E-02				5	1.31E-05		
255	1.4E-02				5	1.27E-05		
256	1.4E-02				5	1.23E-05		
257	1.5E-02				5	1.32E-05		
258	1.5E-02				5	1.31E-05		
259	1.5E-02				5	1.29E-05		
260	1.4E-02				5	1.26E-05		
261	1.4E-02				5	1.23E-05		
262	1.4E-02				5	1.20E-05		
263	1.3E-02				5	1.16E-05		
264	1.4E-02				5	1.25E-05		
265	1.4E-02				5	1.23E-05		
266	1.4E-02				5	1.21E-05		
267	1.3E-02				5	1.19E-05		
268	1.3E-02				5	1.16E-05		
269	1.3E-02				5	1.13E-05		
270	1.2E-02				5	1.10E-05		
271	1.3E-02				5	1.18E-05		
272	1.3E-02				5	1.16E-05		
273	1.3E-02				5	1.15E-05		
274	1.3E-02				5	1.12E-05		
275	1.2E-02				5	1.10E-05		
276	1.2E-02				5	1.07E-05		
277	1.2E-02				5	1.04E-05		
278	1.3E-02				5	1.12E-05		
279	1.3E-02				5	1.16E-05		
280	1.4E-02				5	1.23E-05		
281	1.4E-02				5	1.22E-05		
282	1.5E-02				5	1.29E-05		
283	1.3E-02				5	1.14E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	5.4E-02	1.6E-02			5	1.14E-04		
27	6.4E-02	1.9E-02			5	1.35E-04		
28	7.8E-02	2.4E-02			5	1.64E-04		
29	9.7E-02	2.9E-02			5	2.04E-04		
30	1.2E-01	3.8E-02			5	2.62E-04		
31	1.7E-01	5.0E-02			5	3.48E-04		
32	2.3E-01	6.9E-02			5	4.83E-04		
33	3.3E-01	1.0E-01			5	7.04E-04		
34	5.2E-01	1.6E-01			5	1.08E-03		
35	8.9E-01	2.7E-01			5	1.88E-03		
36	7.8E-01	2.4E-01			5	1.64E-03		
37	5.5E-02	1.7E-02			5	1.16E-04		
38	6.6E-02	2.0E-02			5	1.38E-04		
39	8.0E-02	2.4E-02			5	1.68E-04		
40	1.0E-01	3.0E-02			5	2.09E-04		
41	1.3E-01	3.8E-02			5	2.68E-04		
42	1.7E-01	5.1E-02			5	3.54E-04		
43	2.3E-01	6.9E-02			5	4.84E-04		
44	3.3E-01	9.9E-02			5	6.88E-04		
45	4.9E-01	1.5E-01			5	1.04E-03		
46	8.5E-01	2.6E-01			5	1.79E-03		
47	7.8E-01	2.4E-01			5	1.64E-03		
48	5.6E-02	1.7E-02			5	1.18E-04		
49	6.7E-02	2.0E-02			5	1.40E-04		
50	8.1E-02	2.5E-02			5	1.71E-04		
51	1.0E-01	3.1E-02			5	2.13E-04		
52	1.3E-01	3.9E-02			5	2.71E-04		
53	1.7E-01	5.1E-02			5	3.55E-04		
54	2.3E-01	6.9E-02			5	4.80E-04		
55	3.2E-01	9.7E-02			5	6.73E-04		
56	4.8E-01	1.4E-01			5	1.01E-03		
57	8.3E-01	2.5E-01			5	1.74E-03		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	7.8E-01	2.3E-01			5	1.63E-03		
59	5.6E-02	1.7E-02			5	1.19E-04		
60	6.7E-02	2.0E-02			5	1.42E-04		
61	8.2E-02	2.5E-02			5	1.72E-04		
62	1.0E-01	3.1E-02			5	2.14E-04		
63	1.3E-01	3.9E-02			5	2.71E-04		
64	1.7E-01	5.1E-02			5	3.53E-04		
65	2.2E-01	6.8E-02			5	4.72E-04		
66	3.1E-01	9.4E-02			5	6.58E-04		
67	4.7E-01	1.4E-01			5	9.80E-04		
68	8.1E-01	2.4E-01			5	1.70E-03		
69	7.6E-01	2.3E-01			5	1.61E-03		
70	5.7E-02	1.7E-02			5	1.19E-04		
71	6.8E-02	2.0E-02			5	1.42E-04		
72	8.2E-02	2.5E-02			5	1.72E-04		
73	1.0E-01	3.1E-02			5	2.13E-04		
74	1.3E-01	3.9E-02			5	2.69E-04		
75	1.6E-01	5.0E-02			5	3.46E-04		
76	2.2E-01	6.6E-02			5	4.60E-04		
77	3.0E-01	9.2E-02			5	6.39E-04		
78	4.5E-01	1.4E-01			5	9.51E-04		
79	7.8E-01	2.4E-01			5	1.65E-03		
80	7.4E-01	2.2E-01			5	1.56E-03		
81	5.6E-02	1.7E-02			5	1.19E-04		
82	6.7E-02	2.0E-02			5	1.41E-04		
83	8.1E-02	2.5E-02			5	1.71E-04		
84	1.0E-01	3.0E-02			5	2.10E-04		
85	1.3E-01	3.8E-02			5	2.63E-04		
86	1.6E-01	4.8E-02			5	3.37E-04		
87	2.1E-01	6.4E-02			5	4.45E-04		
88	2.9E-01	8.8E-02			5	6.14E-04		
89	4.3E-01	1.3E-01			5	9.11E-04		
90	7.5E-01	2.3E-01			5	1.58E-03		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul1C

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	7.0E-01	2.1E-01			5	1.48E-03		
92	5.6E-02	1.7E-02			5	1.18E-04		
93	6.7E-02	2.0E-02			5	1.40E-04		
94	8.0E-02	2.4E-02			5	1.68E-04		
95	9.8E-02	3.0E-02			5	2.06E-04		
96	1.2E-01	3.7E-02			5	2.55E-04		
97	1.5E-01	4.7E-02			5	3.24E-04		
98	2.0E-01	6.1E-02			5	4.24E-04		
99	2.8E-01	8.3E-02			5	5.80E-04		
100	4.1E-01	1.2E-01			5	8.55E-04		
101	7.0E-01	2.1E-01			5	1.47E-03		
102	6.4E-01	1.9E-01			5	1.34E-03		
103	9.5E-02	2.9E-02			5	2.00E-04		
104	1.2E-01	3.5E-02			5	2.46E-04		
105	1.5E-01	4.5E-02			5	3.11E-04		
106	1.9E-01	5.8E-02			5	4.04E-04		
107	2.6E-01	7.7E-02			5	5.37E-04		
108	3.7E-01	1.1E-01			5	7.77E-04		
109	6.2E-01	1.9E-01			5	1.31E-03		
110	4.8E-01	1.4E-01			5	1.00E-03		
111	7.9E-02	2.4E-02			5	1.66E-04		
112	6.5E-02	1.9E-02			5	1.36E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	**3.99E-05**	6.63E-05	1.05E-03	6.93E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
2	1.90628	3.9894E-05	7.6049E-05	1.05E-03	7.95E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
3	2.22279	3.9894E-05	8.8676E-05	1.05E-03	9.27E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
4	2.63768	3.9894E-05	0.00010523	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
5	3.20867	3.9894E-05	0.00012801	1.05E-03	1.34E-07	1.45	1.57E-01	3.05E-08	1,000,000	3.05E-02
6	1.66119	3.9894E-05	6.6272E-05	1.05E-03	6.93E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
7	1.90327	3.9894E-05	7.5929E-05	1.05E-03	7.94E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
8	2.21514	3.9894E-05	8.8371E-05	1.05E-03	9.24E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
9	2.6309	3.9894E-05	0.00010496	1.05E-03	1.10E-07	1.45	1.57E-01	2.50E-08	1,000,000	2.50E-02
10	3.19692	3.9894E-05	0.00012754	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
11	1.64254	3.9894E-05	6.5528E-05	1.05E-03	6.85E-08	1.45	1.57E-01	1.56E-08	1,000,000	1.56E-02
12	1.87947	3.9894E-05	7.498E-05	1.05E-03	7.84E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
13	2.18507	3.9894E-05	8.7171E-05	1.05E-03	9.11E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
14	2.59441	3.9894E-05	0.0001035	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02
15	3.1467	3.9894E-05	0.00012553	1.05E-03	1.31E-07	1.45	1.57E-01	2.99E-08	1,000,000	2.99E-02
16	1.61586	3.9894E-05	6.4463E-05	1.05E-03	6.74E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
17	1.8488	3.9894E-05	7.3756E-05	1.05E-03	7.71E-08	1.45	1.57E-01	1.76E-08	1,000,000	1.76E-02
18	2.14651	3.9894E-05	8.5633E-05	1.05E-03	8.95E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
19	2.53837	3.9894E-05	0.00010127	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
20	3.09228	3.9894E-05	0.00012336	1.05E-03	1.29E-07	1.45	1.57E-01	2.94E-08	1,000,000	2.94E-02
21	1.58904	3.9894E-05	6.3393E-05	1.05E-03	6.63E-08	1.45	1.57E-01	1.51E-08	1,000,000	1.51E-02
22	1.81687	3.9894E-05	7.2482E-05	1.05E-03	7.58E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
23	2.11086	3.9894E-05	8.4211E-05	1.05E-03	8.80E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
24	2.50061	3.9894E-05	9.976E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
25	3.03517	3.9894E-05	0.00012109	1.05E-03	1.27E-07	1.45	1.57E-01	2.88E-08	1,000,000	2.88E-02
127	0.80565	3.9894E-05	3.2141E-05	1.05E-03	3.36E-08	1.45	1.57E-01	7.65E-09	1,000,000	7.65E-03
128	0.76839	3.9894E-05	3.0654E-05	1.05E-03	3.20E-08	1.45	1.57E-01	7.30E-09	1,000,000	7.30E-03
129	0.90431	3.9894E-05	3.6077E-05	1.05E-03	3.77E-08	1.45	1.57E-01	8.59E-09	1,000,000	8.59E-03
130	0.86031	3.9894E-05	3.4321E-05	1.05E-03	3.59E-08	1.45	1.57E-01	8.17E-09	1,000,000	8.17E-03
131	0.81884	3.9894E-05	3.2667E-05	1.05E-03	3.41E-08	1.45	1.57E-01	7.78E-09	1,000,000	7.78E-03
132	0.77987	3.9894E-05	3.1112E-05	1.05E-03	3.25E-08	1.45	1.57E-01	7.41E-09	1,000,000	7.41E-03
133	0.92126	3.9894E-05	3.6753E-05	1.05E-03	3.84E-08	1.45	1.57E-01	8.75E-09	1,000,000	8.75E-03
134	0.87489	3.9894E-05	3.4903E-05	1.05E-03	3.65E-08	1.45	1.57E-01	8.31E-09	1,000,000	8.31E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.3169E-05	1.05E-03	3.47E-08	1.45	1.57E-01	7.90E-09	1,000,000	7.90E-03
136	0.79075	3.9894E-05	3.1546E-05	1.05E-03	3.30E-08	1.45	1.57E-01	7.51E-09	1,000,000	7.51E-03
137	0.93745	3.9894E-05	3.7399E-05	1.05E-03	3.91E-08	1.45	1.57E-01	8.91E-09	1,000,000	8.91E-03
138	0.84329	3.9894E-05	3.3642E-05	1.05E-03	3.52E-08	1.45	1.57E-01	8.01E-09	1,000,000	8.01E-03
139	0.80092	3.9894E-05	3.1952E-05	1.05E-03	3.34E-08	1.45	1.57E-01	7.61E-09	1,000,000	7.61E-03
140	0.98007	3.9894E-05	3.9099E-05	1.05E-03	4.09E-08	1.45	1.57E-01	9.31E-09	1,000,000	9.31E-03
141	0.92464	3.9894E-05	3.6888E-05	1.05E-03	3.86E-08	1.45	1.57E-01	8.79E-09	1,000,000	8.79E-03
142	0.87359	3.9894E-05	3.4851E-05	1.05E-03	3.64E-08	1.45	1.57E-01	8.30E-09	1,000,000	8.30E-03
143	0.82653	3.9894E-05	3.2974E-05	1.05E-03	3.45E-08	1.45	1.57E-01	7.85E-09	1,000,000	7.85E-03
144	0.99197	3.9894E-05	3.9574E-05	1.05E-03	4.14E-08	1.45	1.57E-01	9.42E-09	1,000,000	9.42E-03
145	0.93454	3.9894E-05	3.7283E-05	1.05E-03	3.90E-08	1.45	1.57E-01	8.88E-09	1,000,000	8.88E-03
146	0.88187	3.9894E-05	3.5181E-05	1.05E-03	3.68E-08	1.45	1.57E-01	8.38E-09	1,000,000	8.38E-03
147	0.83349	3.9894E-05	3.3251E-05	1.05E-03	3.48E-08	1.45	1.57E-01	7.92E-09	1,000,000	7.92E-03
148	1.00272	3.9894E-05	4.0003E-05	1.05E-03	4.18E-08	1.45	1.57E-01	9.53E-09	1,000,000	9.53E-03
149	0.94348	3.9894E-05	3.7639E-05	1.05E-03	3.93E-08	1.45	1.57E-01	8.96E-09	1,000,000	8.96E-03
150	0.88936	3.9894E-05	3.548E-05	1.05E-03	3.71E-08	1.45	1.57E-01	8.45E-09	1,000,000	8.45E-03
151	0.83982	3.9894E-05	3.3504E-05	1.05E-03	3.50E-08	1.45	1.57E-01	7.98E-09	1,000,000	7.98E-03
152	1.01245	3.9894E-05	4.0391E-05	1.05E-03	4.22E-08	1.45	1.57E-01	9.62E-09	1,000,000	9.62E-03
153	0.95161	3.9894E-05	3.7964E-05	1.05E-03	3.97E-08	1.45	1.57E-01	9.04E-09	1,000,000	9.04E-03
154	0.89622	3.9894E-05	3.5754E-05	1.05E-03	3.74E-08	1.45	1.57E-01	8.52E-09	1,000,000	8.52E-03
155	0.84568	3.9894E-05	3.3738E-05	1.05E-03	3.53E-08	1.45	1.57E-01	8.03E-09	1,000,000	8.03E-03
156	1.02132	3.9894E-05	4.0745E-05	1.05E-03	4.26E-08	1.45	1.57E-01	9.70E-09	1,000,000	9.70E-03
157	0.95909	3.9894E-05	3.8262E-05	1.05E-03	4.00E-08	1.45	1.57E-01	9.11E-09	1,000,000	9.11E-03
158	0.90261	3.9894E-05	3.6009E-05	1.05E-03	3.76E-08	1.45	1.57E-01	8.58E-09	1,000,000	8.58E-03
159	0.85123	3.9894E-05	3.3959E-05	1.05E-03	3.55E-08	1.45	1.57E-01	8.09E-09	1,000,000	8.09E-03
160	1.02953	3.9894E-05	4.1072E-05	1.05E-03	4.29E-08	1.45	1.57E-01	9.78E-09	1,000,000	9.78E-03
161	0.9661	3.9894E-05	3.8542E-05	1.05E-03	4.03E-08	1.45	1.57E-01	9.18E-09	1,000,000	9.18E-03
162	0.90869	3.9894E-05	3.6251E-05	1.05E-03	3.79E-08	1.45	1.57E-01	8.63E-09	1,000,000	8.63E-03
163	0.85765	3.9894E-05	3.4215E-05	1.05E-03	3.58E-08	1.45	1.57E-01	8.15E-09	1,000,000	8.15E-03
164	1.03725	3.9894E-05	4.138E-05	1.05E-03	4.33E-08	1.45	1.57E-01	9.85E-09	1,000,000	9.85E-03
165	0.97276	3.9894E-05	3.8807E-05	1.05E-03	4.06E-08	1.45	1.57E-01	9.24E-09	1,000,000	9.24E-03
166	0.91708	3.9894E-05	3.6586E-05	1.05E-03	3.82E-08	1.45	1.57E-01	8.71E-09	1,000,000	8.71E-03
167	0.86532	3.9894E-05	3.4521E-05	1.05E-03	3.61E-08	1.45	1.57E-01	8.22E-09	1,000,000	8.22E-03
168	1.04448	3.9894E-05	4.1669E-05	1.05E-03	4.36E-08	1.45	1.57E-01	9.92E-09	1,000,000	9.92E-03
169	0.97902	3.9894E-05	3.9057E-05	1.05E-03	4.08E-08	1.45	1.57E-01	9.30E-09	1,000,000	9.30E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.6855E-05	1.05E-03	3.85E-08	1.45	1.57E-01	8.78E-09	1,000,000	8.78E-03
171	0.8702	3.9894E-05	3.4716E-05	1.05E-03	3.63E-08	1.45	1.57E-01	8.27E-09	1,000,000	8.27E-03
172	1.05104	3.9894E-05	4.193E-05	1.05E-03	4.38E-08	1.45	1.57E-01	9.99E-09	1,000,000	9.99E-03
173	0.98461	3.9894E-05	3.928E-05	1.05E-03	4.11E-08	1.45	1.57E-01	9.35E-09	1,000,000	9.35E-03
174	0.92871	3.9894E-05	3.705E-05	1.05E-03	3.87E-08	1.45	1.57E-01	8.82E-09	1,000,000	8.82E-03
175	0.87449	3.9894E-05	3.4887E-05	1.05E-03	3.65E-08	1.45	1.57E-01	8.31E-09	1,000,000	8.31E-03
176	1.0565	3.9894E-05	4.2148E-05	1.05E-03	4.41E-08	1.45	1.57E-01	1.00E-08	1,000,000	1.00E-02
177	0.98911	3.9894E-05	3.946E-05	1.05E-03	4.12E-08	1.45	1.57E-01	9.40E-09	1,000,000	9.40E-03
178	0.93256	3.9894E-05	3.7204E-05	1.05E-03	3.89E-08	1.45	1.57E-01	8.86E-09	1,000,000	8.86E-03
179	0.87763	3.9894E-05	3.5012E-05	1.05E-03	3.66E-08	1.45	1.57E-01	8.34E-09	1,000,000	8.34E-03
180	1.06032	3.9894E-05	4.2301E-05	1.05E-03	4.42E-08	1.45	1.57E-01	1.01E-08	1,000,000	1.01E-02
181	0.99463	3.9894E-05	3.968E-05	1.05E-03	4.15E-08	1.45	1.57E-01	9.45E-09	1,000,000	9.45E-03
182	0.93488	3.9894E-05	3.7296E-05	1.05E-03	3.90E-08	1.45	1.57E-01	8.88E-09	1,000,000	8.88E-03
183	0.87915	3.9894E-05	3.5073E-05	1.05E-03	3.67E-08	1.45	1.57E-01	8.35E-09	1,000,000	8.35E-03
184	1.11209	3.9894E-05	4.4366E-05	1.05E-03	4.64E-08	1.45	1.57E-01	1.06E-08	1,000,000	1.06E-02
185	1.23279	3.9894E-05	4.9181E-05	1.05E-03	5.14E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
186	1.14575	3.9894E-05	4.5709E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
187	1.06825	3.9894E-05	4.2617E-05	1.05E-03	4.45E-08	1.45	1.57E-01	1.01E-08	1,000,000	1.01E-02
188	1.00168	3.9894E-05	3.9961E-05	1.05E-03	4.18E-08	1.45	1.57E-01	9.52E-09	1,000,000	9.52E-03
189	1.33491	3.9894E-05	5.3255E-05	1.05E-03	5.57E-08	1.45	1.57E-01	1.27E-08	1,000,000	1.27E-02
190	1.23543	3.9894E-05	4.9286E-05	1.05E-03	5.15E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
191	1.14742	3.9894E-05	4.5775E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
192	1.06916	3.9894E-05	4.2653E-05	1.05E-03	4.46E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
193	1.00324	3.9894E-05	4.0023E-05	1.05E-03	4.18E-08	1.45	1.57E-01	9.53E-09	1,000,000	9.53E-03
194	1.33602	3.9894E-05	5.3299E-05	1.05E-03	5.57E-08	1.45	1.57E-01	1.27E-08	1,000,000	1.27E-02
195	1.23566	3.9894E-05	4.9296E-05	1.05E-03	5.15E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
196	1.14818	3.9894E-05	4.5806E-05	1.05E-03	4.79E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
197	1.07201	3.9894E-05	4.2767E-05	1.05E-03	4.47E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
198	1.00159	3.9894E-05	3.9958E-05	1.05E-03	4.18E-08	1.45	1.57E-01	9.52E-09	1,000,000	9.52E-03
199	1.33487	3.9894E-05	5.3253E-05	1.05E-03	5.57E-08	1.45	1.57E-01	1.27E-08	1,000,000	1.27E-02
200	1.23419	3.9894E-05	4.9237E-05	1.05E-03	5.15E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
201	1.14745	3.9894E-05	4.5776E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
202	1.06968	3.9894E-05	4.2674E-05	1.05E-03	4.46E-08	1.45	1.57E-01	1.02E-08	1,000,000	1.02E-02
203	0.99932	3.9894E-05	3.9867E-05	1.05E-03	4.17E-08	1.45	1.57E-01	9.49E-09	1,000,000	9.49E-03
204	1.90778	3.9894E-05	7.6109E-05	1.05E-03	7.95E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.3153E-05	1.05E-03	5.56E-08	1.45	1.57E-01	1.27E-08	1,000,000	1.27E-02
206	1.23175	3.9894E-05	4.914E-05	1.05E-03	5.14E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
207	1.14587	3.9894E-05	4.5713E-05	1.05E-03	4.78E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
208	1.06716	3.9894E-05	4.2573E-05	1.05E-03	4.45E-08	1.45	1.57E-01	1.01E-08	1,000,000	1.01E-02
209	1.90237	3.9894E-05	7.5893E-05	1.05E-03	7.93E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
210	1.72821	3.9894E-05	6.8945E-05	1.05E-03	7.21E-08	1.45	1.57E-01	1.64E-08	1,000,000	1.64E-02
211	1.57477	3.9894E-05	6.2824E-05	1.05E-03	6.57E-08	1.45	1.57E-01	1.50E-08	1,000,000	1.50E-02
212	1.44287	3.9894E-05	5.7562E-05	1.05E-03	6.02E-08	1.45	1.57E-01	1.37E-08	1,000,000	1.37E-02
213	1.32836	3.9894E-05	5.2994E-05	1.05E-03	5.54E-08	1.45	1.57E-01	1.26E-08	1,000,000	1.26E-02
214	1.23005	3.9894E-05	4.9072E-05	1.05E-03	5.13E-08	1.45	1.57E-01	1.17E-08	1,000,000	1.17E-02
215	1.14268	3.9894E-05	4.5586E-05	1.05E-03	4.76E-08	1.45	1.57E-01	1.09E-08	1,000,000	1.09E-02
216	2.32615	3.9894E-05	9.28E-05	1.05E-03	9.70E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02
217	2.07671	3.9894E-05	8.2848E-05	1.05E-03	8.66E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
218	1.87481	3.9894E-05	7.4794E-05	1.05E-03	7.82E-08	1.45	1.57E-01	1.78E-08	1,000,000	1.78E-02
219	1.69992	3.9894E-05	6.7817E-05	1.05E-03	7.09E-08	1.45	1.57E-01	1.62E-08	1,000,000	1.62E-02
220	1.55279	3.9894E-05	6.1947E-05	1.05E-03	6.47E-08	1.45	1.57E-01	1.48E-08	1,000,000	1.48E-02
221	1.42532	3.9894E-05	5.6862E-05	1.05E-03	5.94E-08	1.45	1.57E-01	1.35E-08	1,000,000	1.35E-02
222	2.27832	3.9894E-05	9.0892E-05	1.05E-03	9.50E-08	1.45	1.57E-01	2.16E-08	1,000,000	2.16E-02
223	2.0427	3.9894E-05	8.1492E-05	1.05E-03	8.52E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
224	1.84222	3.9894E-05	7.3494E-05	1.05E-03	7.68E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
225	1.67282	3.9894E-05	6.6736E-05	1.05E-03	6.98E-08	1.45	1.57E-01	1.59E-08	1,000,000	1.59E-02
226	1.52948	3.9894E-05	6.1017E-05	1.05E-03	6.38E-08	1.45	1.57E-01	1.45E-08	1,000,000	1.45E-02
227	2.21405	3.9894E-05	8.8328E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
228	1.98816	3.9894E-05	7.9316E-05	1.05E-03	8.29E-08	1.45	1.57E-01	1.89E-08	1,000,000	1.89E-02
229	1.79884	3.9894E-05	7.1763E-05	1.05E-03	7.50E-08	1.45	1.57E-01	1.71E-08	1,000,000	1.71E-02
230	1.63757	3.9894E-05	6.5329E-05	1.05E-03	6.83E-08	1.45	1.57E-01	1.56E-08	1,000,000	1.56E-02
231	2.12419	3.9894E-05	8.4743E-05	1.05E-03	8.86E-08	1.45	1.57E-01	2.02E-08	1,000,000	2.02E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.6567E-05	1.05E-03	8.00E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
233	1.74372	3.9894E-05	6.9564E-05	1.05E-03	7.27E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
234	1.59196	3.9894E-05	6.351E-05	1.05E-03	6.64E-08	1.45	1.57E-01	1.51E-08	1,000,000	1.51E-02
235	2.01453	3.9894E-05	8.0368E-05	1.05E-03	8.40E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
236	1.83473	3.9894E-05	7.3195E-05	1.05E-03	7.65E-08	1.45	1.57E-01	1.74E-08	1,000,000	1.74E-02
237	1.67645	3.9894E-05	6.688E-05	1.05E-03	6.99E-08	1.45	1.57E-01	1.59E-08	1,000,000	1.59E-02
238	1.53826	3.9894E-05	6.1367E-05	1.05E-03	6.41E-08	1.45	1.57E-01	1.46E-08	1,000,000	1.46E-02
239	1.88894	3.9894E-05	7.5358E-05	1.05E-03	7.88E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
240	1.73541	3.9894E-05	6.9233E-05	1.05E-03	7.24E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
241	1.59756	3.9894E-05	6.3733E-05	1.05E-03	6.66E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
242	1.47542	3.9894E-05	5.8861E-05	1.05E-03	6.15E-08	1.45	1.57E-01	1.40E-08	1,000,000	1.40E-02
243	4.09962	3.9894E-05	0.00016355	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
244	3.57675	3.9894E-05	0.00014269	1.05E-03	1.49E-07	1.45	1.57E-01	3.40E-08	1,000,000	3.40E-02
245	3.15435	3.9894E-05	0.00012584	1.05E-03	1.32E-07	1.45	1.57E-01	3.00E-08	1,000,000	3.00E-02
246	2.81165	3.9894E-05	0.00011217	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
247	2.52903	3.9894E-05	0.00010089	1.05E-03	1.05E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
248	2.29647	3.9894E-05	9.1616E-05	1.05E-03	9.58E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
249	2.09776	3.9894E-05	8.3688E-05	1.05E-03	8.75E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
250	3.57989	3.9894E-05	0.00014282	1.05E-03	1.49E-07	1.45	1.57E-01	3.40E-08	1,000,000	3.40E-02
251	3.16439	3.9894E-05	0.00012624	1.05E-03	1.32E-07	1.45	1.57E-01	3.01E-08	1,000,000	3.01E-02
252	2.8195	3.9894E-05	0.00011248	1.05E-03	1.18E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
253	2.53269	3.9894E-05	0.00010104	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
254	2.29199	3.9894E-05	9.1437E-05	1.05E-03	9.56E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
255	2.09293	3.9894E-05	8.3496E-05	1.05E-03	8.73E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
256	1.92008	3.9894E-05	7.66E-05	1.05E-03	8.01E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
257	3.15893	3.9894E-05	0.00012602	1.05E-03	1.32E-07	1.45	1.57E-01	3.00E-08	1,000,000	3.00E-02
258	2.82218	3.9894E-05	0.00011259	1.05E-03	1.18E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
259	2.53671	3.9894E-05	0.0001012	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
260	2.29422	3.9894E-05	9.1526E-05	1.05E-03	9.57E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
261	2.08655	3.9894E-05	8.3241E-05	1.05E-03	8.70E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
262	1.91365	3.9894E-05	7.6343E-05	1.05E-03	7.98E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
263	1.7593	3.9894E-05	7.0186E-05	1.05E-03	7.34E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
264	2.8164	3.9894E-05	0.00011236	1.05E-03	1.17E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
265	2.53725	3.9894E-05	0.00010122	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
266	2.29719	3.9894E-05	9.1644E-05	1.05E-03	9.58E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.3417E-05	1.05E-03	8.72E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
268	1.91349	3.9894E-05	7.6337E-05	1.05E-03	7.98E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
269	1.75882	3.9894E-05	7.0167E-05	1.05E-03	7.33E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
270	1.61718	3.9894E-05	6.4516E-05	1.05E-03	6.74E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
271	2.53081	3.9894E-05	0.00010096	1.05E-03	1.06E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
272	2.29724	3.9894E-05	9.1646E-05	1.05E-03	9.58E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
273	2.0934	3.9894E-05	8.3514E-05	1.05E-03	8.73E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
274	1.91581	3.9894E-05	7.643E-05	1.05E-03	7.99E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
275	1.76089	3.9894E-05	7.0249E-05	1.05E-03	7.34E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
276	1.6259	3.9894E-05	6.4864E-05	1.05E-03	6.78E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
277	1.49313	3.9894E-05	5.9567E-05	1.05E-03	6.23E-08	1.45	1.57E-01	1.42E-08	1,000,000	1.42E-02
278	24.57743	3.9894E-05	0.00098049	1.05E-03	1.02E-06	1.45	1.57E-01	2.34E-07	1,000,000	2.34E-01
279	22.82192	3.9894E-05	0.00091046	1.05E-03	9.52E-07	1.45	1.57E-01	2.17E-07	1,000,000	2.17E-01
280	20.07431	3.9894E-05	0.00080085	1.05E-03	8.37E-07	1.45	1.57E-01	1.91E-07	1,000,000	1.91E-01
281	17.75203	3.9894E-05	0.0007082	1.05E-03	7.40E-07	1.45	1.57E-01	1.69E-07	1,000,000	1.69E-01
282	19.82462	3.9894E-05	0.00079089	1.05E-03	8.27E-07	1.45	1.57E-01	1.88E-07	1,000,000	1.88E-01
283	16.32627	3.9894E-05	0.00065132	1.05E-03	6.81E-07	1.45	1.57E-01	1.55E-07	1,000,000	1.55E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	1.5094	3.9894E-05	6.0216E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	1.50913	3.9894E-05	6.0205E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	1.507	3.9894E-05	6.012E-05	1.05E-03	6.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	1.50302	3.9894E-05	5.9962E-05	1.05E-03	6.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	1.49718	3.9894E-05	5.9729E-05	1.05E-03	6.24E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	1.48952	3.9894E-05	5.9423E-05	1.05E-03	6.21E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	1.48005	3.9894E-05	5.9045E-05	1.05E-03	6.17E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	1.46883	3.9894E-05	5.8598E-05	1.05E-03	6.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	1.45589	3.9894E-05	5.8081E-05	1.05E-03	6.07E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	1.44109	3.9894E-05	5.7491E-05	1.05E-03	6.01E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	1.4246	3.9894E-05	5.6833E-05	1.05E-03	5.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	1.56681	3.9894E-05	6.2506E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	1.56553	3.9894E-05	6.2455E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	1.56225	3.9894E-05	6.2325E-05	1.05E-03	6.51E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	1.55697	3.9894E-05	6.2114E-05	1.05E-03	6.49E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	1.54972	3.9894E-05	6.1825E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	1.54051	3.9894E-05	6.1457E-05	1.05E-03	6.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	1.52939	3.9894E-05	6.1014E-05	1.05E-03	6.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	1.51641	3.9894E-05	6.0496E-05	1.05E-03	6.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	1.50165	3.9894E-05	5.9907E-05	1.05E-03	6.26E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	1.48495	3.9894E-05	5.9241E-05	1.05E-03	6.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	1.4665	3.9894E-05	5.8505E-05	1.05E-03	6.11E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	1.62726	3.9894E-05	6.4918E-05	1.05E-03	6.79E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	1.62481	3.9894E-05	6.482E-05	1.05E-03	6.78E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	1.6202	3.9894E-05	6.4636E-05	1.05E-03	6.76E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	1.61345	3.9894E-05	6.4367E-05	1.05E-03	6.73E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	1.60459	3.9894E-05	6.4014E-05	1.05E-03	6.69E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	1.59365	3.9894E-05	6.3577E-05	1.05E-03	6.65E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	1.5807	3.9894E-05	6.3061E-05	1.05E-03	6.59E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	1.56579	3.9894E-05	6.2466E-05	1.05E-03	6.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	1.54901	3.9894E-05	6.1796E-05	1.05E-03	6.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	1.53024	3.9894E-05	6.1048E-05	1.05E-03	6.38E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
58	1.50966	3.9894E-05	6.0227E-05	1.05E-03	6.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	1.69091	3.9894E-05	6.7457E-05	1.05E-03	7.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.7306E-05	1.05E-03	7.03E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	1.681	3.9894E-05	6.7062E-05	1.05E-03	7.01E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	1.67258	3.9894E-05	6.6726E-05	1.05E-03	6.97E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	1.66191	3.9894E-05	6.63E-05	1.05E-03	6.93E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	1.64904	3.9894E-05	6.5787E-05	1.05E-03	6.88E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	1.63405	3.9894E-05	6.5189E-05	1.05E-03	6.81E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	1.61701	3.9894E-05	6.4509E-05	1.05E-03	6.74E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	1.59803	3.9894E-05	6.3752E-05	1.05E-03	6.66E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	1.57698	3.9894E-05	6.2912E-05	1.05E-03	6.58E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	1.55408	3.9894E-05	6.1999E-05	1.05E-03	6.48E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	1.75796	3.9894E-05	7.0132E-05	1.05E-03	7.33E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	1.75262	3.9894E-05	6.9919E-05	1.05E-03	7.31E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	1.74478	3.9894E-05	6.9606E-05	1.05E-03	7.28E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	1.73448	3.9894E-05	6.9196E-05	1.05E-03	7.23E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	1.72179	3.9894E-05	6.8689E-05	1.05E-03	7.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	1.70677	3.9894E-05	6.809E-05	1.05E-03	7.12E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	1.68951	3.9894E-05	6.7401E-05	1.05E-03	7.04E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	1.67012	3.9894E-05	6.6628E-05	1.05E-03	6.96E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	1.64872	3.9894E-05	6.5774E-05	1.05E-03	6.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	1.62519	3.9894E-05	6.4835E-05	1.05E-03	6.78E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	1.59978	3.9894E-05	6.3822E-05	1.05E-03	6.67E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	1.82862	3.9894E-05	7.2951E-05	1.05E-03	7.62E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	1.8215	3.9894E-05	7.2667E-05	1.05E-03	7.60E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	1.8117	3.9894E-05	7.2276E-05	1.05E-03	7.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	1.79928	3.9894E-05	7.1781E-05	1.05E-03	7.50E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	1.78432	3.9894E-05	7.1184E-05	1.05E-03	7.44E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	1.76691	3.9894E-05	7.0489E-05	1.05E-03	7.37E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	1.74715	3.9894E-05	6.9701E-05	1.05E-03	7.29E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	1.72517	3.9894E-05	6.8824E-05	1.05E-03	7.19E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	1.70112	3.9894E-05	6.7865E-05	1.05E-03	7.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	1.6749	3.9894E-05	6.6819E-05	1.05E-03	6.98E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
91	1.64675	3.9894E-05	6.5696E-05	1.05E-03	6.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	1.90309	3.9894E-05	7.5922E-05	1.05E-03	7.94E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	1.89394	3.9894E-05	7.5557E-05	1.05E-03	7.90E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	1.88193	3.9894E-05	7.5078E-05	1.05E-03	7.85E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

Cancer Risk From Haul2A - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.4487E-05	1.05E-03	7.79E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	1.84963	3.9894E-05	7.3789E-05	1.05E-03	7.71E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	1.82956	3.9894E-05	7.2989E-05	1.05E-03	7.63E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	1.80704	3.9894E-05	7.209E-05	1.05E-03	7.53E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	1.78222	3.9894E-05	7.11E-05	1.05E-03	7.43E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	1.75527	3.9894E-05	7.0025E-05	1.05E-03	7.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	1.7261	3.9894E-05	6.8861E-05	1.05E-03	7.20E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	1.695	3.9894E-05	6.762E-05	1.05E-03	7.07E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	1.92451	3.9894E-05	7.6777E-05	1.05E-03	8.02E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	1.9058	3.9894E-05	7.603E-05	1.05E-03	7.95E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	1.88809	3.9894E-05	7.5324E-05	1.05E-03	7.87E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	1.86184	3.9894E-05	7.4276E-05	1.05E-03	7.76E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	1.8413	3.9894E-05	7.3457E-05	1.05E-03	7.68E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	1.81118	3.9894E-05	7.2255E-05	1.05E-03	7.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	1.77882	3.9894E-05	7.0964E-05	1.05E-03	7.42E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	1.7445	3.9894E-05	6.9595E-05	1.05E-03	7.27E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	1.94061	3.9894E-05	7.7419E-05	1.05E-03	8.09E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	1.9568	3.9894E-05	7.8065E-05	1.05E-03	8.16E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
113	0.83138	3.9894E-05	3.3167E-05	1.05E-03	3.47E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
114	0.79692	3.9894E-05	3.1792E-05	1.05E-03	3.32E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
115	0.76351	3.9894E-05	3.046E-05	1.05E-03	3.18E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
116	0.73138	3.9894E-05	2.9178E-05	1.05E-03	3.05E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
117	0.85022	3.9894E-05	3.3919E-05	1.05E-03	3.55E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
118	0.81335	3.9894E-05	3.2448E-05	1.05E-03	3.39E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
119	0.77791	3.9894E-05	3.1034E-05	1.05E-03	3.24E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
120	0.74405	3.9894E-05	2.9683E-05	1.05E-03	3.10E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
121	0.8687	3.9894E-05	3.4656E-05	1.05E-03	3.62E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
122	0.82944	3.9894E-05	3.309E-05	1.05E-03	3.46E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
123	0.79197	3.9894E-05	3.1595E-05	1.05E-03	3.30E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
124	0.75641	3.9894E-05	3.0176E-05	1.05E-03	3.15E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
125	0.88676	3.9894E-05	3.5376E-05	1.05E-03	3.70E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
126	0.84512	3.9894E-05	3.3715E-05	1.05E-03	3.52E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	3.99E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.6E-02
2	1.90628	3.9894E-05	7.60E-05	6.05E-04	4.60E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
3	2.22279	3.9894E-05	8.87E-05	6.05E-04	5.37E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
4	2.63768	3.9894E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
5	3.20867	3.9894E-05	1.28E-04	6.05E-04	7.75E-08	14	4.71E-02	5.11E-08	1,000,000	5.11E-02
6	1.66119	3.9894E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
7	1.90327	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
8	2.21514	3.9894E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
9	2.6309	3.9894E-05	1.05E-04	6.05E-04	6.35E-08	14	4.71E-02	4.19E-08	1,000,000	4.19E-02
10	3.19692	3.9894E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
11	1.64254	3.9894E-05	6.55E-05	6.05E-04	3.96E-08	14	4.71E-02	2.62E-08	1,000,000	2.62E-02
12	1.87947	3.9894E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
13	2.18507	3.9894E-05	8.72E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
14	2.59441	3.9894E-05	1.04E-04	6.05E-04	6.26E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
15	3.1467	3.9894E-05	1.26E-04	6.05E-04	7.60E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
16	1.61586	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.57E-08	1,000,000	2.57E-02
17	1.8488	3.9894E-05	7.38E-05	6.05E-04	4.46E-08	14	4.71E-02	2.95E-08	1,000,000	2.95E-02
18	2.14651	3.9894E-05	8.56E-05	6.05E-04	5.18E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
19	2.53837	3.9894E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
20	3.09228	3.9894E-05	1.23E-04	6.05E-04	7.46E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
21	1.58904	3.9894E-05	6.34E-05	6.05E-04	3.84E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
22	1.81687	3.9894E-05	7.25E-05	6.05E-04	4.39E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
23	2.11086	3.9894E-05	8.42E-05	6.05E-04	5.10E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
24	2.50061	3.9894E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
25	3.03517	3.9894E-05	1.21E-04	6.05E-04	7.33E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02
127	0.80565	3.9894E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
128	0.76839	3.9894E-05	3.07E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
129	0.90431	3.9894E-05	3.61E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
130	0.86031	3.9894E-05	3.43E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
131	0.81884	3.9894E-05	3.27E-05	6.05E-04	1.98E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
132	0.77987	3.9894E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
133	0.92126	3.9894E-05	3.68E-05	6.05E-04	2.22E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
134	0.87489	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
136	0.79075	3.9894E-05	3.15E-05	6.05E-04	1.91E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
137	0.93745	3.9894E-05	3.74E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
138	0.84329	3.9894E-05	3.36E-05	6.05E-04	2.04E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
139	0.80092	3.9894E-05	3.20E-05	6.05E-04	1.93E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
140	0.98007	3.9894E-05	3.91E-05	6.05E-04	2.37E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02
141	0.92464	3.9894E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
142	0.87359	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
143	0.82653	3.9894E-05	3.30E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
144	0.99197	3.9894E-05	3.96E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
145	0.93454	3.9894E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
146	0.88187	3.9894E-05	3.52E-05	6.05E-04	2.13E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
147	0.83349	3.9894E-05	3.33E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
148	1.00272	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
149	0.94348	3.9894E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
150	0.88936	3.9894E-05	3.55E-05	6.05E-04	2.15E-08	14	4.71E-02	1.42E-08	1,000,000	1.42E-02
151	0.83982	3.9894E-05	3.35E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
152	1.01245	3.9894E-05	4.04E-05	6.05E-04	2.44E-08	14	4.71E-02	1.61E-08	1,000,000	1.61E-02
153	0.95161	3.9894E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
154	0.89622	3.9894E-05	3.58E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
155	0.84568	3.9894E-05	3.37E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
156	1.02132	3.9894E-05	4.07E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
157	0.95909	3.9894E-05	3.83E-05	6.05E-04	2.32E-08	14	4.71E-02	1.53E-08	1,000,000	1.53E-02
158	0.90261	3.9894E-05	3.60E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
159	0.85123	3.9894E-05	3.40E-05	6.05E-04	2.05E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
160	1.02953	3.9894E-05	4.11E-05	6.05E-04	2.49E-08	14	4.71E-02	1.64E-08	1,000,000	1.64E-02
161	0.9661	3.9894E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
162	0.90869	3.9894E-05	3.63E-05	6.05E-04	2.19E-08	14	4.71E-02	1.45E-08	1,000,000	1.45E-02
163	0.85765	3.9894E-05	3.42E-05	6.05E-04	2.07E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
164	1.03725	3.9894E-05	4.14E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
165	0.97276	3.9894E-05	3.88E-05	6.05E-04	2.35E-08	14	4.71E-02	1.55E-08	1,000,000	1.55E-02
166	0.91708	3.9894E-05	3.66E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
167	0.86532	3.9894E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
168	1.04448	3.9894E-05	4.17E-05	6.05E-04	2.52E-08	14	4.71E-02	1.66E-08	1,000,000	1.66E-02
169	0.97902	3.9894E-05	3.91E-05	6.05E-04	2.36E-08	14	4.71E-02	1.56E-08	1,000,000	1.56E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.69E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
171	0.8702	3.9894E-05	3.47E-05	6.05E-04	2.10E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
172	1.05104	3.9894E-05	4.19E-05	6.05E-04	2.54E-08	14	4.71E-02	1.67E-08	1,000,000	1.67E-02
173	0.98461	3.9894E-05	3.93E-05	6.05E-04	2.38E-08	14	4.71E-02	1.57E-08	1,000,000	1.57E-02
174	0.92871	3.9894E-05	3.71E-05	6.05E-04	2.24E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
175	0.87449	3.9894E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
176	1.0565	3.9894E-05	4.21E-05	6.05E-04	2.55E-08	14	4.71E-02	1.68E-08	1,000,000	1.68E-02
177	0.98911	3.9894E-05	3.95E-05	6.05E-04	2.39E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
178	0.93256	3.9894E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
179	0.87763	3.9894E-05	3.50E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
180	1.06032	3.9894E-05	4.23E-05	6.05E-04	2.56E-08	14	4.71E-02	1.69E-08	1,000,000	1.69E-02
181	0.99463	3.9894E-05	3.97E-05	6.05E-04	2.40E-08	14	4.71E-02	1.58E-08	1,000,000	1.58E-02
182	0.93488	3.9894E-05	3.73E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
183	0.87915	3.9894E-05	3.51E-05	6.05E-04	2.12E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
184	1.11209	3.9894E-05	4.44E-05	6.05E-04	2.68E-08	14	4.71E-02	1.77E-08	1,000,000	1.77E-02
185	1.23279	3.9894E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
186	1.14575	3.9894E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
187	1.06825	3.9894E-05	4.26E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
188	1.00168	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
189	1.33491	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
190	1.23543	3.9894E-05	4.93E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
191	1.14742	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
192	1.06916	3.9894E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
193	1.00324	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
194	1.33602	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
195	1.23566	3.9894E-05	4.93E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
196	1.14818	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
197	1.07201	3.9894E-05	4.28E-05	6.05E-04	2.59E-08	14	4.71E-02	1.71E-08	1,000,000	1.71E-02
198	1.00159	3.9894E-05	4.00E-05	6.05E-04	2.42E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
199	1.33487	3.9894E-05	5.33E-05	6.05E-04	3.22E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
200	1.23419	3.9894E-05	4.92E-05	6.05E-04	2.98E-08	14	4.71E-02	1.97E-08	1,000,000	1.97E-02
201	1.14745	3.9894E-05	4.58E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
202	1.06968	3.9894E-05	4.27E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
203	0.99932	3.9894E-05	3.99E-05	6.05E-04	2.41E-08	14	4.71E-02	1.59E-08	1,000,000	1.59E-02
204	1.90778	3.9894E-05	7.61E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.32E-05	6.05E-04	3.22E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
206	1.23175	3.9894E-05	4.91E-05	6.05E-04	2.97E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
207	1.14587	3.9894E-05	4.57E-05	6.05E-04	2.77E-08	14	4.71E-02	1.83E-08	1,000,000	1.83E-02
208	1.06716	3.9894E-05	4.26E-05	6.05E-04	2.58E-08	14	4.71E-02	1.70E-08	1,000,000	1.70E-02
209	1.90237	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
210	1.72821	3.9894E-05	6.89E-05	6.05E-04	4.17E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
211	1.57477	3.9894E-05	6.28E-05	6.05E-04	3.80E-08	14	4.71E-02	2.51E-08	1,000,000	2.51E-02
212	1.44287	3.9894E-05	5.76E-05	6.05E-04	3.48E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
213	1.32836	3.9894E-05	5.30E-05	6.05E-04	3.21E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
214	1.23005	3.9894E-05	4.91E-05	6.05E-04	2.97E-08	14	4.71E-02	1.96E-08	1,000,000	1.96E-02
215	1.14268	3.9894E-05	4.56E-05	6.05E-04	2.76E-08	14	4.71E-02	1.82E-08	1,000,000	1.82E-02
216	2.32615	3.9894E-05	9.28E-05	6.05E-04	5.62E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
217	2.07671	3.9894E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
218	1.87481	3.9894E-05	7.48E-05	6.05E-04	4.53E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
219	1.69992	3.9894E-05	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.71E-02
220	1.55279	3.9894E-05	6.19E-05	6.05E-04	3.75E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
221	1.42532	3.9894E-05	5.69E-05	6.05E-04	3.44E-08	14	4.71E-02	2.27E-08	1,000,000	2.27E-02
222	2.27832	3.9894E-05	9.09E-05	6.05E-04	5.50E-08	14	4.71E-02	3.63E-08	1,000,000	3.63E-02
223	2.0427	3.9894E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
224	1.84222	3.9894E-05	7.35E-05	6.05E-04	4.45E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
225	1.67282	3.9894E-05	6.67E-05	6.05E-04	4.04E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
226	1.52948	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
227	2.21405	3.9894E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
228	1.98816	3.9894E-05	7.93E-05	6.05E-04	4.80E-08	14	4.71E-02	3.17E-08	1,000,000	3.17E-02
229	1.79884	3.9894E-05	7.18E-05	6.05E-04	4.34E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
230	1.63757	3.9894E-05	6.53E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
231	2.12419	3.9894E-05	8.47E-05	6.05E-04	5.13E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
233	1.74372	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
234	1.59196	3.9894E-05	6.35E-05	6.05E-04	3.84E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02
235	2.01453	3.9894E-05	8.04E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
236	1.83473	3.9894E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
237	1.67645	3.9894E-05	6.69E-05	6.05E-04	4.05E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
238	1.53826	3.9894E-05	6.14E-05	6.05E-04	3.71E-08	14	4.71E-02	2.45E-08	1,000,000	2.45E-02
239	1.88894	3.9894E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
240	1.73541	3.9894E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
241	1.59756	3.9894E-05	6.37E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
242	1.47542	3.9894E-05	5.89E-05	6.05E-04	3.56E-08	14	4.71E-02	2.35E-08	1,000,000	2.35E-02
243	4.09962	3.9894E-05	1.64E-04	6.05E-04	9.90E-08	14	4.71E-02	6.53E-08	1,000,000	6.53E-02
244	3.57675	3.9894E-05	1.43E-04	6.05E-04	8.63E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
245	3.15435	3.9894E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.03E-08	1,000,000	5.03E-02
246	2.81165	3.9894E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
247	2.52903	3.9894E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
248	2.29647	3.9894E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
249	2.09776	3.9894E-05	8.37E-05	6.05E-04	5.06E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
250	3.57989	3.9894E-05	1.43E-04	6.05E-04	8.64E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
251	3.16439	3.9894E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
252	2.8195	3.9894E-05	1.12E-04	6.05E-04	6.81E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
253	2.53269	3.9894E-05	1.01E-04	6.05E-04	6.11E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
254	2.29199	3.9894E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
255	2.09293	3.9894E-05	8.35E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
256	1.92008	3.9894E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
257	3.15893	3.9894E-05	1.26E-04	6.05E-04	7.63E-08	14	4.71E-02	5.03E-08	1,000,000	5.03E-02
258	2.82218	3.9894E-05	1.13E-04	6.05E-04	6.81E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
259	2.53671	3.9894E-05	1.01E-04	6.05E-04	6.12E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
260	2.29422	3.9894E-05	9.15E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
261	2.08655	3.9894E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
262	1.91365	3.9894E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
263	1.7593	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
264	2.8164	3.9894E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
265	2.53725	3.9894E-05	1.01E-04	6.05E-04	6.12E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
266	2.29719	3.9894E-05	9.16E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.34E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
268	1.91349	3.9894E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
269	1.75882	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
270	1.61718	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
271	2.53081	3.9894E-05	1.01E-04	6.05E-04	6.11E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
272	2.29724	3.9894E-05	9.16E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
273	2.0934	3.9894E-05	8.35E-05	6.05E-04	5.05E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
274	1.91581	3.9894E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
275	1.76089	3.9894E-05	7.02E-05	6.05E-04	4.25E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
276	1.6259	3.9894E-05	6.49E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
277	1.49313	3.9894E-05	5.96E-05	6.05E-04	3.60E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
278	24.57743	3.9894E-05	9.80E-04	6.05E-04	5.93E-07	14	4.71E-02	3.92E-07	1,000,000	3.92E-01
279	22.82192	3.9894E-05	9.10E-04	6.05E-04	5.51E-07	14	4.71E-02	3.64E-07	1,000,000	3.64E-01
280	20.07431	3.9894E-05	8.01E-04	6.05E-04	4.85E-07	14	4.71E-02	3.20E-07	1,000,000	3.20E-01
281	17.75203	3.9894E-05	7.08E-04	6.05E-04	4.29E-07	14	4.71E-02	2.83E-07	1,000,000	2.83E-01
282	19.82462	3.9894E-05	7.91E-04	6.05E-04	4.79E-07	14	4.71E-02	3.16E-07	1,000,000	3.16E-01
283	16.32627	3.9894E-05	6.51E-04	6.05E-04	3.94E-07	14	4.71E-02	2.60E-07	1,000,000	2.60E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	1.5094	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	10	4.71E-02	1.72E-08	1,000,000	1.72E-02
27	1.50913	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	10	4.71E-02	1.72E-08	1,000,000	1.72E-02
28	1.507	3.9894E-05	6.01E-05	6.05E-04	3.64E-08	10	4.71E-02	1.71E-08	1,000,000	1.71E-02
29	1.50302	3.9894E-05	6.00E-05	6.05E-04	3.63E-08	10	4.71E-02	1.71E-08	1,000,000	1.71E-02
30	1.49718	3.9894E-05	5.97E-05	6.05E-04	3.61E-08	10	4.71E-02	1.70E-08	1,000,000	1.70E-02
31	1.48952	3.9894E-05	5.94E-05	6.05E-04	3.60E-08	10	4.71E-02	1.70E-08	1,000,000	1.70E-02
32	1.48005	3.9894E-05	5.90E-05	6.05E-04	3.57E-08	10	4.71E-02	1.68E-08	1,000,000	1.68E-02
33	1.46883	3.9894E-05	5.86E-05	6.05E-04	3.55E-08	10	4.71E-02	1.67E-08	1,000,000	1.67E-02
34	1.45589	3.9894E-05	5.81E-05	6.05E-04	3.51E-08	10	4.71E-02	1.66E-08	1,000,000	1.66E-02
35	1.44109	3.9894E-05	5.75E-05	6.05E-04	3.48E-08	10	4.71E-02	1.64E-08	1,000,000	1.64E-02
36	1.4246	3.9894E-05	5.68E-05	6.05E-04	3.44E-08	10	4.71E-02	1.62E-08	1,000,000	1.62E-02
37	1.56681	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	10	4.71E-02	1.78E-08	1,000,000	1.78E-02
38	1.56553	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	10	4.71E-02	1.78E-08	1,000,000	1.78E-02
39	1.56225	3.9894E-05	6.23E-05	6.05E-04	3.77E-08	10	4.71E-02	1.78E-08	1,000,000	1.78E-02
40	1.55697	3.9894E-05	6.21E-05	6.05E-04	3.76E-08	10	4.71E-02	1.77E-08	1,000,000	1.77E-02
41	1.54972	3.9894E-05	6.18E-05	6.05E-04	3.74E-08	10	4.71E-02	1.76E-08	1,000,000	1.76E-02
42	1.54051	3.9894E-05	6.15E-05	6.05E-04	3.72E-08	10	4.71E-02	1.75E-08	1,000,000	1.75E-02
43	1.52939	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	10	4.71E-02	1.74E-08	1,000,000	1.74E-02
44	1.51641	3.9894E-05	6.05E-05	6.05E-04	3.66E-08	10	4.71E-02	1.73E-08	1,000,000	1.73E-02
45	1.50165	3.9894E-05	5.99E-05	6.05E-04	3.62E-08	10	4.71E-02	1.71E-08	1,000,000	1.71E-02
46	1.48495	3.9894E-05	5.92E-05	6.05E-04	3.58E-08	10	4.71E-02	1.69E-08	1,000,000	1.69E-02
47	1.4665	3.9894E-05	5.85E-05	6.05E-04	3.54E-08	10	4.71E-02	1.67E-08	1,000,000	1.67E-02
48	1.62726	3.9894E-05	6.49E-05	6.05E-04	3.93E-08	10	4.71E-02	1.85E-08	1,000,000	1.85E-02
49	1.62481	3.9894E-05	6.48E-05	6.05E-04	3.92E-08	10	4.71E-02	1.85E-08	1,000,000	1.85E-02
50	1.6202	3.9894E-05	6.46E-05	6.05E-04	3.91E-08	10	4.71E-02	1.84E-08	1,000,000	1.84E-02
51	1.61345	3.9894E-05	6.44E-05	6.05E-04	3.89E-08	10	4.71E-02	1.84E-08	1,000,000	1.84E-02
52	1.60459	3.9894E-05	6.40E-05	6.05E-04	3.87E-08	10	4.71E-02	1.83E-08	1,000,000	1.83E-02
53	1.59365	3.9894E-05	6.36E-05	6.05E-04	3.85E-08	10	4.71E-02	1.81E-08	1,000,000	1.81E-02
54	1.5807	3.9894E-05	6.31E-05	6.05E-04	3.82E-08	10	4.71E-02	1.80E-08	1,000,000	1.80E-02
55	1.56579	3.9894E-05	6.25E-05	6.05E-04	3.78E-08	10	4.71E-02	1.78E-08	1,000,000	1.78E-02
56	1.54901	3.9894E-05	6.18E-05	6.05E-04	3.74E-08	10	4.71E-02	1.76E-08	1,000,000	1.76E-02
57	1.53024	3.9894E-05	6.10E-05	6.05E-04	3.69E-08	10	4.71E-02	1.74E-08	1,000,000	1.74E-02
58	1.50966	3.9894E-05	6.02E-05	6.05E-04	3.64E-08	10	4.71E-02	1.72E-08	1,000,000	1.72E-02
59	1.69091	3.9894E-05	6.75E-05	6.05E-04	4.08E-08	10	4.71E-02	1.92E-08	1,000,000	1.92E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.73E-05	6.05E-04	4.07E-08	10	4.71E-02	1.92E-08	1,000,000	1.92E-02
61	1.681	3.9894E-05	6.71E-05	6.05E-04	4.06E-08	10	4.71E-02	1.91E-08	1,000,000	1.91E-02
62	1.67258	3.9894E-05	6.67E-05	6.05E-04	4.04E-08	10	4.71E-02	1.90E-08	1,000,000	1.90E-02
63	1.66191	3.9894E-05	6.63E-05	6.05E-04	4.01E-08	10	4.71E-02	1.89E-08	1,000,000	1.89E-02
64	1.64904	3.9894E-05	6.58E-05	6.05E-04	3.98E-08	10	4.71E-02	1.88E-08	1,000,000	1.88E-02
65	1.63405	3.9894E-05	6.52E-05	6.05E-04	3.94E-08	10	4.71E-02	1.86E-08	1,000,000	1.86E-02
66	1.61701	3.9894E-05	6.45E-05	6.05E-04	3.90E-08	10	4.71E-02	1.84E-08	1,000,000	1.84E-02
67	1.59803	3.9894E-05	6.38E-05	6.05E-04	3.86E-08	10	4.71E-02	1.82E-08	1,000,000	1.82E-02
68	1.57698	3.9894E-05	6.29E-05	6.05E-04	3.81E-08	10	4.71E-02	1.79E-08	1,000,000	1.79E-02
69	1.55408	3.9894E-05	6.20E-05	6.05E-04	3.75E-08	10	4.71E-02	1.77E-08	1,000,000	1.77E-02
70	1.75796	3.9894E-05	7.01E-05	6.05E-04	4.24E-08	10	4.71E-02	2.00E-08	1,000,000	2.00E-02
71	1.75262	3.9894E-05	6.99E-05	6.05E-04	4.23E-08	10	4.71E-02	1.99E-08	1,000,000	1.99E-02
72	1.74478	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	10	4.71E-02	1.99E-08	1,000,000	1.99E-02
73	1.73448	3.9894E-05	6.92E-05	6.05E-04	4.19E-08	10	4.71E-02	1.97E-08	1,000,000	1.97E-02
74	1.72179	3.9894E-05	6.87E-05	6.05E-04	4.16E-08	10	4.71E-02	1.96E-08	1,000,000	1.96E-02
75	1.70677	3.9894E-05	6.81E-05	6.05E-04	4.12E-08	10	4.71E-02	1.94E-08	1,000,000	1.94E-02
76	1.68951	3.9894E-05	6.74E-05	6.05E-04	4.08E-08	10	4.71E-02	1.92E-08	1,000,000	1.92E-02
77	1.67012	3.9894E-05	6.66E-05	6.05E-04	4.03E-08	10	4.71E-02	1.90E-08	1,000,000	1.90E-02
78	1.64872	3.9894E-05	6.58E-05	6.05E-04	3.98E-08	10	4.71E-02	1.88E-08	1,000,000	1.88E-02
79	1.62519	3.9894E-05	6.48E-05	6.05E-04	3.92E-08	10	4.71E-02	1.85E-08	1,000,000	1.85E-02
80	1.59978	3.9894E-05	6.38E-05	6.05E-04	3.86E-08	10	4.71E-02	1.82E-08	1,000,000	1.82E-02
81	1.82862	3.9894E-05	7.30E-05	6.05E-04	4.41E-08	10	4.71E-02	2.08E-08	1,000,000	2.08E-02
82	1.8215	3.9894E-05	7.27E-05	6.05E-04	4.40E-08	10	4.71E-02	2.07E-08	1,000,000	2.07E-02
83	1.8117	3.9894E-05	7.23E-05	6.05E-04	4.37E-08	10	4.71E-02	2.06E-08	1,000,000	2.06E-02
84	1.79928	3.9894E-05	7.18E-05	6.05E-04	4.34E-08	10	4.71E-02	2.05E-08	1,000,000	2.05E-02
85	1.78432	3.9894E-05	7.12E-05	6.05E-04	4.31E-08	10	4.71E-02	2.03E-08	1,000,000	2.03E-02
86	1.76691	3.9894E-05	7.05E-05	6.05E-04	4.27E-08	10	4.71E-02	2.01E-08	1,000,000	2.01E-02
87	1.74715	3.9894E-05	6.97E-05	6.05E-04	4.22E-08	10	4.71E-02	1.99E-08	1,000,000	1.99E-02
88	1.72517	3.9894E-05	6.88E-05	6.05E-04	4.16E-08	10	4.71E-02	1.96E-08	1,000,000	1.96E-02
89	1.70112	3.9894E-05	6.79E-05	6.05E-04	4.11E-08	10	4.71E-02	1.94E-08	1,000,000	1.94E-02
90	1.6749	3.9894E-05	6.68E-05	6.05E-04	4.04E-08	10	4.71E-02	1.91E-08	1,000,000	1.91E-02
91	1.64675	3.9894E-05	6.57E-05	6.05E-04	3.98E-08	10	4.71E-02	1.87E-08	1,000,000	1.87E-02
92	1.90309	3.9894E-05	7.59E-05	6.05E-04	4.59E-08	10	4.71E-02	2.17E-08	1,000,000	2.17E-02
93	1.89394	3.9894E-05	7.56E-05	6.05E-04	4.57E-08	10	4.71E-02	2.16E-08	1,000,000	2.16E-02
94	1.88193	3.9894E-05	7.51E-05	6.05E-04	4.54E-08	10	4.71E-02	2.14E-08	1,000,000	2.14E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.45E-05	6.05E-04	4.51E-08	10	4.71E-02	2.12E-08	1,000,000	2.12E-02
96	1.84963	3.9894E-05	7.38E-05	6.05E-04	4.46E-08	10	4.71E-02	2.10E-08	1,000,000	2.10E-02
97	1.82956	3.9894E-05	7.30E-05	6.05E-04	4.42E-08	10	4.71E-02	2.08E-08	1,000,000	2.08E-02
98	1.80704	3.9894E-05	7.21E-05	6.05E-04	4.36E-08	10	4.71E-02	2.06E-08	1,000,000	2.06E-02
99	1.78222	3.9894E-05	7.11E-05	6.05E-04	4.30E-08	10	4.71E-02	2.03E-08	1,000,000	2.03E-02
100	1.75527	3.9894E-05	7.00E-05	6.05E-04	4.24E-08	10	4.71E-02	2.00E-08	1,000,000	2.00E-02
101	1.7261	3.9894E-05	6.89E-05	6.05E-04	4.17E-08	10	4.71E-02	1.96E-08	1,000,000	1.96E-02
102	1.695	3.9894E-05	6.76E-05	6.05E-04	4.09E-08	10	4.71E-02	1.93E-08	1,000,000	1.93E-02
103	1.92451	3.9894E-05	7.68E-05	6.05E-04	4.65E-08	10	4.71E-02	2.19E-08	1,000,000	2.19E-02
104	1.9058	3.9894E-05	7.60E-05	6.05E-04	4.60E-08	10	4.71E-02	2.17E-08	1,000,000	2.17E-02
105	1.88809	3.9894E-05	7.53E-05	6.05E-04	4.56E-08	10	4.71E-02	2.15E-08	1,000,000	2.15E-02
106	1.86184	3.9894E-05	7.43E-05	6.05E-04	4.49E-08	10	4.71E-02	2.12E-08	1,000,000	2.12E-02
107	1.8413	3.9894E-05	7.35E-05	6.05E-04	4.44E-08	10	4.71E-02	2.10E-08	1,000,000	2.10E-02
108	1.81118	3.9894E-05	7.23E-05	6.05E-04	4.37E-08	10	4.71E-02	2.06E-08	1,000,000	2.06E-02
109	1.77882	3.9894E-05	7.10E-05	6.05E-04	4.29E-08	10	4.71E-02	2.02E-08	1,000,000	2.02E-02
110	1.7445	3.9894E-05	6.96E-05	6.05E-04	4.21E-08	10	4.71E-02	1.99E-08	1,000,000	1.99E-02
111	1.94061	3.9894E-05	7.74E-05	6.05E-04	4.68E-08	10	4.71E-02	2.21E-08	1,000,000	2.21E-02
112	1.9568	3.9894E-05	7.81E-05	6.05E-04	4.72E-08	10	4.71E-02	2.23E-08	1,000,000	2.23E-02
113	0.83138	3.9894E-05	3.32E-05	6.05E-04	2.01E-08	10	4.71E-02	9.46E-09	1,000,000	9.46E-03
114	0.79692	3.9894E-05	3.18E-05	6.05E-04	1.92E-08	10	4.71E-02	9.07E-09	1,000,000	9.07E-03
115	0.76351	3.9894E-05	3.05E-05	6.05E-04	1.84E-08	10	4.71E-02	8.69E-09	1,000,000	8.69E-03
116	0.73138	3.9894E-05	2.92E-05	6.05E-04	1.77E-08	10	4.71E-02	8.32E-09	1,000,000	8.32E-03
117	0.85022	3.9894E-05	3.39E-05	6.05E-04	2.05E-08	10	4.71E-02	9.68E-09	1,000,000	9.68E-03
118	0.81335	3.9894E-05	3.24E-05	6.05E-04	1.96E-08	10	4.71E-02	9.26E-09	1,000,000	9.26E-03
119	0.77791	3.9894E-05	3.10E-05	6.05E-04	1.88E-08	10	4.71E-02	8.85E-09	1,000,000	8.85E-03
120	0.74405	3.9894E-05	2.97E-05	6.05E-04	1.80E-08	10	4.71E-02	8.47E-09	1,000,000	8.47E-03
121	0.8687	3.9894E-05	3.47E-05	6.05E-04	2.10E-08	10	4.71E-02	9.89E-09	1,000,000	9.89E-03
122	0.82944	3.9894E-05	3.31E-05	6.05E-04	2.00E-08	10	4.71E-02	9.44E-09	1,000,000	9.44E-03
123	0.79197	3.9894E-05	3.16E-05	6.05E-04	1.91E-08	10	4.71E-02	9.01E-09	1,000,000	9.01E-03
124	0.75641	3.9894E-05	3.02E-05	6.05E-04	1.83E-08	10	4.71E-02	8.61E-09	1,000,000	8.61E-03
125	0.88676	3.9894E-05	3.54E-05	6.05E-04	2.14E-08	10	4.71E-02	1.01E-08	1,000,000	1.01E-02
126	0.84512	3.9894E-05	3.37E-05	6.05E-04	2.04E-08	10	4.71E-02	9.62E-09	1,000,000	9.62E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.66201	3.99E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1000000.0	2.7E-03
2	1.90628	3.9894E-05	7.60E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
3	2.22279	3.9894E-05	8.87E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
4	2.63768	3.9894E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
5	3.20867	3.9894E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
6	1.66119	3.9894E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
7	1.90327	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
8	2.21514	3.9894E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
9	2.6309	3.9894E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
10	3.19692	3.9894E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
11	1.64254	3.9894E-05	6.55E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
12	1.87947	3.9894E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
13	2.18507	3.9894E-05	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
14	2.59441	3.9894E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
15	3.1467	3.9894E-05	1.26E-04	2.50E-04	3.14E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
16	1.61586	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
17	1.8488	3.9894E-05	7.38E-05	2.50E-04	1.85E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
18	2.14651	3.9894E-05	8.56E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
19	2.53837	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
20	3.09228	3.9894E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
21	1.58904	3.9894E-05	6.34E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
22	1.81687	3.9894E-05	7.25E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
23	2.11086	3.9894E-05	8.42E-05	2.50E-04	2.11E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
24	2.50061	3.9894E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
25	3.03517	3.9894E-05	1.21E-04	2.50E-04	3.03E-08	14	1.15E-02	4.87E-09	1,000,000	4.87E-03
127	0.80565	3.9894E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
128	0.76839	3.9894E-05	3.07E-05	2.50E-04	7.67E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
129	0.90431	3.9894E-05	3.61E-05	2.50E-04	9.03E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
130	0.86031	3.9894E-05	3.43E-05	2.50E-04	8.59E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
131	0.81884	3.9894E-05	3.27E-05	2.50E-04	8.18E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
132	0.77987	3.9894E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
133	0.92126	3.9894E-05	3.68E-05	2.50E-04	9.20E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
134	0.87489	3.9894E-05	3.49E-05	2.50E-04	8.74E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
135	0.83143	3.9894E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
136	0.79075	3.9894E-05	3.15E-05	2.50E-04	7.90E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
137	0.93745	3.9894E-05	3.74E-05	2.50E-04	9.36E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
138	0.84329	3.9894E-05	3.36E-05	2.50E-04	8.42E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
139	0.80092	3.9894E-05	3.20E-05	2.50E-04	8.00E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
140	0.98007	3.9894E-05	3.91E-05	2.50E-04	9.79E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03
141	0.92464	3.9894E-05	3.69E-05	2.50E-04	9.23E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
142	0.87359	3.9894E-05	3.49E-05	2.50E-04	8.72E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
143	0.82653	3.9894E-05	3.30E-05	2.50E-04	8.25E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
144	0.99197	3.9894E-05	3.96E-05	2.50E-04	9.90E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
145	0.93454	3.9894E-05	3.73E-05	2.50E-04	9.33E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
146	0.88187	3.9894E-05	3.52E-05	2.50E-04	8.80E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
147	0.83349	3.9894E-05	3.33E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
148	1.00272	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
149	0.94348	3.9894E-05	3.76E-05	2.50E-04	9.42E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
150	0.88936	3.9894E-05	3.55E-05	2.50E-04	8.88E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
151	0.83982	3.9894E-05	3.35E-05	2.50E-04	8.39E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
152	1.01245	3.9894E-05	4.04E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
153	0.95161	3.9894E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
154	0.89622	3.9894E-05	3.58E-05	2.50E-04	8.95E-09	14	1.15E-02	1.44E-09	1,000,000	1.44E-03
155	0.84568	3.9894E-05	3.37E-05	2.50E-04	8.44E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
156	1.02132	3.9894E-05	4.07E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
157	0.95909	3.9894E-05	3.83E-05	2.50E-04	9.58E-09	14	1.15E-02	1.54E-09	1,000,000	1.54E-03
158	0.90261	3.9894E-05	3.60E-05	2.50E-04	9.01E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
159	0.85123	3.9894E-05	3.40E-05	2.50E-04	8.50E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
160	1.02953	3.9894E-05	4.11E-05	2.50E-04	1.03E-08	14	1.15E-02	1.65E-09	1,000,000	1.65E-03
161	0.9661	3.9894E-05	3.85E-05	2.50E-04	9.65E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
162	0.90869	3.9894E-05	3.63E-05	2.50E-04	9.07E-09	14	1.15E-02	1.46E-09	1,000,000	1.46E-03
163	0.85765	3.9894E-05	3.42E-05	2.50E-04	8.56E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
164	1.03725	3.9894E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
165	0.97276	3.9894E-05	3.88E-05	2.50E-04	9.71E-09	14	1.15E-02	1.56E-09	1,000,000	1.56E-03
166	0.91708	3.9894E-05	3.66E-05	2.50E-04	9.16E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
167	0.86532	3.9894E-05	3.45E-05	2.50E-04	8.64E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
168	1.04448	3.9894E-05	4.17E-05	2.50E-04	1.04E-08	14	1.15E-02	1.67E-09	1,000,000	1.67E-03
169	0.97902	3.9894E-05	3.91E-05	2.50E-04	9.77E-09	14	1.15E-02	1.57E-09	1,000,000	1.57E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
170	0.92382	3.9894E-05	3.69E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
171	0.8702	3.9894E-05	3.47E-05	2.50E-04	8.69E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
172	1.05104	3.9894E-05	4.19E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
173	0.98461	3.9894E-05	3.93E-05	2.50E-04	9.83E-09	14	1.15E-02	1.58E-09	1,000,000	1.58E-03
174	0.92871	3.9894E-05	3.71E-05	2.50E-04	9.27E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
175	0.87449	3.9894E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
176	1.0565	3.9894E-05	4.21E-05	2.50E-04	1.05E-08	14	1.15E-02	1.69E-09	1,000,000	1.69E-03
177	0.98911	3.9894E-05	3.95E-05	2.50E-04	9.88E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
178	0.93256	3.9894E-05	3.72E-05	2.50E-04	9.31E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
179	0.87763	3.9894E-05	3.50E-05	2.50E-04	8.76E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
180	1.06032	3.9894E-05	4.23E-05	2.50E-04	1.06E-08	14	1.15E-02	1.70E-09	1,000,000	1.70E-03
181	0.99463	3.9894E-05	3.97E-05	2.50E-04	9.93E-09	14	1.15E-02	1.59E-09	1,000,000	1.59E-03
182	0.93488	3.9894E-05	3.73E-05	2.50E-04	9.33E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
183	0.87915	3.9894E-05	3.51E-05	2.50E-04	8.78E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
184	1.11209	3.9894E-05	4.44E-05	2.50E-04	1.11E-08	14	1.15E-02	1.78E-09	1,000,000	1.78E-03
185	1.23279	3.9894E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
186	1.14575	3.9894E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
187	1.06825	3.9894E-05	4.26E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
188	1.00168	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
189	1.33491	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
190	1.23543	3.9894E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
191	1.14742	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
192	1.06916	3.9894E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
193	1.00324	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
194	1.33602	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
195	1.23566	3.9894E-05	4.93E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
196	1.14818	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
197	1.07201	3.9894E-05	4.28E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
198	1.00159	3.9894E-05	4.00E-05	2.50E-04	1.00E-08	14	1.15E-02	1.61E-09	1,000,000	1.61E-03
199	1.33487	3.9894E-05	5.33E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
200	1.23419	3.9894E-05	4.92E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
201	1.14745	3.9894E-05	4.58E-05	2.50E-04	1.15E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
202	1.06968	3.9894E-05	4.27E-05	2.50E-04	1.07E-08	14	1.15E-02	1.72E-09	1,000,000	1.72E-03
203	0.99932	3.9894E-05	3.99E-05	2.50E-04	9.98E-09	14	1.15E-02	1.60E-09	1,000,000	1.60E-03
204	1.90778	3.9894E-05	7.61E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
205	1.33234	3.9894E-05	5.32E-05	2.50E-04	1.33E-08	14	1.15E-02	2.14E-09	1,000,000	2.14E-03
206	1.23175	3.9894E-05	4.91E-05	2.50E-04	1.23E-08	14	1.15E-02	1.98E-09	1,000,000	1.98E-03
207	1.14587	3.9894E-05	4.57E-05	2.50E-04	1.14E-08	14	1.15E-02	1.84E-09	1,000,000	1.84E-03
208	1.06716	3.9894E-05	4.26E-05	2.50E-04	1.07E-08	14	1.15E-02	1.71E-09	1,000,000	1.71E-03
209	1.90237	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
210	1.72821	3.9894E-05	6.89E-05	2.50E-04	1.73E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
211	1.57477	3.9894E-05	6.28E-05	2.50E-04	1.57E-08	14	1.15E-02	2.53E-09	1,000,000	2.53E-03
212	1.44287	3.9894E-05	5.76E-05	2.50E-04	1.44E-08	14	1.15E-02	2.31E-09	1,000,000	2.31E-03
213	1.32836	3.9894E-05	5.30E-05	2.50E-04	1.33E-08	14	1.15E-02	2.13E-09	1,000,000	2.13E-03
214	1.23005	3.9894E-05	4.91E-05	2.50E-04	1.23E-08	14	1.15E-02	1.97E-09	1,000,000	1.97E-03
215	1.14268	3.9894E-05	4.56E-05	2.50E-04	1.14E-08	14	1.15E-02	1.83E-09	1,000,000	1.83E-03
216	2.32615	3.9894E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03
217	2.07671	3.9894E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
218	1.87481	3.9894E-05	7.48E-05	2.50E-04	1.87E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
219	1.69992	3.9894E-05	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.73E-09	1,000,000	2.73E-03
220	1.55279	3.9894E-05	6.19E-05	2.50E-04	1.55E-08	14	1.15E-02	2.49E-09	1,000,000	2.49E-03
221	1.42532	3.9894E-05	5.69E-05	2.50E-04	1.42E-08	14	1.15E-02	2.29E-09	1,000,000	2.29E-03
222	2.27832	3.9894E-05	9.09E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
223	2.0427	3.9894E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
224	1.84222	3.9894E-05	7.35E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
225	1.67282	3.9894E-05	6.67E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
226	1.52948	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
227	2.21405	3.9894E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
228	1.98816	3.9894E-05	7.93E-05	2.50E-04	1.99E-08	14	1.15E-02	3.19E-09	1,000,000	3.19E-03
229	1.79884	3.9894E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
230	1.63757	3.9894E-05	6.53E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
231	2.12419	3.9894E-05	8.47E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
232	1.91926	3.9894E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
233	1.74372	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
234	1.59196	3.9894E-05	6.35E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
235	2.01453	3.9894E-05	8.04E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
236	1.83473	3.9894E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
237	1.67645	3.9894E-05	6.69E-05	2.50E-04	1.67E-08	14	1.15E-02	2.69E-09	1,000,000	2.69E-03
238	1.53826	3.9894E-05	6.14E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
239	1.88894	3.9894E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
240	1.73541	3.9894E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
241	1.59756	3.9894E-05	6.37E-05	2.50E-04	1.60E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
242	1.47542	3.9894E-05	5.89E-05	2.50E-04	1.47E-08	14	1.15E-02	2.37E-09	1,000,000	2.37E-03
243	4.09962	3.9894E-05	1.64E-04	2.50E-04	4.09E-08	14	1.15E-02	6.57E-09	1,000,000	6.57E-03
244	3.57675	3.9894E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.74E-09	1,000,000	5.74E-03
245	3.15435	3.9894E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
246	2.81165	3.9894E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
247	2.52903	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
248	2.29647	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
249	2.09776	3.9894E-05	8.37E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
250	3.57989	3.9894E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.74E-09	1,000,000	5.74E-03
251	3.16439	3.9894E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
252	2.8195	3.9894E-05	1.12E-04	2.50E-04	2.82E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
253	2.53269	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
254	2.29199	3.9894E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
255	2.09293	3.9894E-05	8.35E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
256	1.92008	3.9894E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
257	3.15893	3.9894E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
258	2.82218	3.9894E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.53E-09	1,000,000	4.53E-03
259	2.53671	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
260	2.29422	3.9894E-05	9.15E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
261	2.08655	3.9894E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
262	1.91365	3.9894E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
263	1.7593	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
264	2.8164	3.9894E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
265	2.53725	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
266	2.29719	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
267	2.09096	3.9894E-05	8.34E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
268	1.91349	3.9894E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
269	1.75882	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
270	1.61718	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
271	2.53081	3.9894E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.06E-09	1,000,000	4.06E-03
272	2.29724	3.9894E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
273	2.0934	3.9894E-05	8.35E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
274	1.91581	3.9894E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
275	1.76089	3.9894E-05	7.02E-05	2.50E-04	1.76E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
276	1.6259	3.9894E-05	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
277	1.49313	3.9894E-05	5.96E-05	2.50E-04	1.49E-08	14	1.15E-02	2.39E-09	1,000,000	2.39E-03
278	24.57743	3.9894E-05	9.80E-04	2.50E-04	2.45E-07	14	1.15E-02	3.94E-08	1,000,000	3.94E-02
279	22.82192	3.9894E-05	9.10E-04	2.50E-04	2.28E-07	14	1.15E-02	3.66E-08	1,000,000	3.66E-02
280	20.07431	3.9894E-05	8.01E-04	2.50E-04	2.00E-07	14	1.15E-02	3.22E-08	1,000,000	3.22E-02
281	17.75203	3.9894E-05	7.08E-04	2.50E-04	1.77E-07	14	1.15E-02	2.85E-08	1,000,000	2.85E-02
282	19.82462	3.9894E-05	7.91E-04	2.50E-04	1.98E-07	14	1.15E-02	3.18E-08	1,000,000	3.18E-02
283	16.32627	3.9894E-05	6.51E-04	2.50E-04	1.63E-07	14	1.15E-02	2.62E-08	1,000,000	2.62E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	1.5094	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	30	1.15E-02	5.19E-09	1,000,000	5.19E-03
27	1.50913	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	30	1.15E-02	5.19E-09	1,000,000	5.19E-03
28	1.507	3.9894E-05	6.01E-05	2.50E-04	1.50E-08	30	1.15E-02	5.18E-09	1,000,000	5.18E-03
29	1.50302	3.9894E-05	6.00E-05	2.50E-04	1.50E-08	30	1.15E-02	5.16E-09	1,000,000	5.16E-03
30	1.49718	3.9894E-05	5.97E-05	2.50E-04	1.49E-08	30	1.15E-02	5.14E-09	1,000,000	5.14E-03
31	1.48952	3.9894E-05	5.94E-05	2.50E-04	1.49E-08	30	1.15E-02	5.12E-09	1,000,000	5.12E-03
32	1.48005	3.9894E-05	5.90E-05	2.50E-04	1.48E-08	30	1.15E-02	5.09E-09	1,000,000	5.09E-03
33	1.46883	3.9894E-05	5.86E-05	2.50E-04	1.47E-08	30	1.15E-02	5.05E-09	1,000,000	5.05E-03
34	1.45589	3.9894E-05	5.81E-05	2.50E-04	1.45E-08	30	1.15E-02	5.00E-09	1,000,000	5.00E-03
35	1.44109	3.9894E-05	5.75E-05	2.50E-04	1.44E-08	30	1.15E-02	4.95E-09	1,000,000	4.95E-03
36	1.4246	3.9894E-05	5.68E-05	2.50E-04	1.42E-08	30	1.15E-02	4.90E-09	1,000,000	4.90E-03
37	1.56681	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	30	1.15E-02	5.38E-09	1,000,000	5.38E-03
38	1.56553	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	30	1.15E-02	5.38E-09	1,000,000	5.38E-03
39	1.56225	3.9894E-05	6.23E-05	2.50E-04	1.56E-08	30	1.15E-02	5.37E-09	1,000,000	5.37E-03
40	1.55697	3.9894E-05	6.21E-05	2.50E-04	1.55E-08	30	1.15E-02	5.35E-09	1,000,000	5.35E-03
41	1.54972	3.9894E-05	6.18E-05	2.50E-04	1.55E-08	30	1.15E-02	5.32E-09	1,000,000	5.32E-03
42	1.54051	3.9894E-05	6.15E-05	2.50E-04	1.54E-08	30	1.15E-02	5.29E-09	1,000,000	5.29E-03
43	1.52939	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	30	1.15E-02	5.26E-09	1,000,000	5.26E-03
44	1.51641	3.9894E-05	6.05E-05	2.50E-04	1.51E-08	30	1.15E-02	5.21E-09	1,000,000	5.21E-03
45	1.50165	3.9894E-05	5.99E-05	2.50E-04	1.50E-08	30	1.15E-02	5.16E-09	1,000,000	5.16E-03
46	1.48495	3.9894E-05	5.92E-05	2.50E-04	1.48E-08	30	1.15E-02	5.10E-09	1,000,000	5.10E-03
47	1.4665	3.9894E-05	5.85E-05	2.50E-04	1.46E-08	30	1.15E-02	5.04E-09	1,000,000	5.04E-03
48	1.62726	3.9894E-05	6.49E-05	2.50E-04	1.62E-08	30	1.15E-02	5.59E-09	1,000,000	5.59E-03
49	1.62481	3.9894E-05	6.48E-05	2.50E-04	1.62E-08	30	1.15E-02	5.58E-09	1,000,000	5.58E-03
50	1.6202	3.9894E-05	6.46E-05	2.50E-04	1.62E-08	30	1.15E-02	5.57E-09	1,000,000	5.57E-03
51	1.61345	3.9894E-05	6.44E-05	2.50E-04	1.61E-08	30	1.15E-02	5.54E-09	1,000,000	5.54E-03
52	1.60459	3.9894E-05	6.40E-05	2.50E-04	1.60E-08	30	1.15E-02	5.51E-09	1,000,000	5.51E-03
53	1.59365	3.9894E-05	6.36E-05	2.50E-04	1.59E-08	30	1.15E-02	5.48E-09	1,000,000	5.48E-03
54	1.5807	3.9894E-05	6.31E-05	2.50E-04	1.58E-08	30	1.15E-02	5.43E-09	1,000,000	5.43E-03
55	1.56579	3.9894E-05	6.25E-05	2.50E-04	1.56E-08	30	1.15E-02	5.38E-09	1,000,000	5.38E-03
56	1.54901	3.9894E-05	6.18E-05	2.50E-04	1.55E-08	30	1.15E-02	5.32E-09	1,000,000	5.32E-03
57	1.53024	3.9894E-05	6.10E-05	2.50E-04	1.53E-08	30	1.15E-02	5.26E-09	1,000,000	5.26E-03
58	1.50966	3.9894E-05	6.02E-05	2.50E-04	1.51E-08	30	1.15E-02	5.19E-09	1,000,000	5.19E-03
59	1.69091	3.9894E-05	6.75E-05	2.50E-04	1.69E-08	30	1.15E-02	5.81E-09	1,000,000	5.81E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
60	1.68712	3.9894E-05	6.73E-05	2.50E-04	1.68E-08	30	1.15E-02	5.80E-09	1,000,000	5.80E-03
61	1.681	3.9894E-05	6.71E-05	2.50E-04	1.68E-08	30	1.15E-02	5.78E-09	1,000,000	5.78E-03
62	1.67258	3.9894E-05	6.67E-05	2.50E-04	1.67E-08	30	1.15E-02	5.75E-09	1,000,000	5.75E-03
63	1.66191	3.9894E-05	6.63E-05	2.50E-04	1.66E-08	30	1.15E-02	5.71E-09	1,000,000	5.71E-03
64	1.64904	3.9894E-05	6.58E-05	2.50E-04	1.65E-08	30	1.15E-02	5.67E-09	1,000,000	5.67E-03
65	1.63405	3.9894E-05	6.52E-05	2.50E-04	1.63E-08	30	1.15E-02	5.61E-09	1,000,000	5.61E-03
66	1.61701	3.9894E-05	6.45E-05	2.50E-04	1.61E-08	30	1.15E-02	5.56E-09	1,000,000	5.56E-03
67	1.59803	3.9894E-05	6.38E-05	2.50E-04	1.60E-08	30	1.15E-02	5.49E-09	1,000,000	5.49E-03
68	1.57698	3.9894E-05	6.29E-05	2.50E-04	1.57E-08	30	1.15E-02	5.42E-09	1,000,000	5.42E-03
69	1.55408	3.9894E-05	6.20E-05	2.50E-04	1.55E-08	30	1.15E-02	5.34E-09	1,000,000	5.34E-03
70	1.75796	3.9894E-05	7.01E-05	2.50E-04	1.76E-08	30	1.15E-02	6.04E-09	1,000,000	6.04E-03
71	1.75262	3.9894E-05	6.99E-05	2.50E-04	1.75E-08	30	1.15E-02	6.02E-09	1,000,000	6.02E-03
72	1.74478	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	30	1.15E-02	6.00E-09	1,000,000	6.00E-03
73	1.73448	3.9894E-05	6.92E-05	2.50E-04	1.73E-08	30	1.15E-02	5.96E-09	1,000,000	5.96E-03
74	1.72179	3.9894E-05	6.87E-05	2.50E-04	1.72E-08	30	1.15E-02	5.92E-09	1,000,000	5.92E-03
75	1.70677	3.9894E-05	6.81E-05	2.50E-04	1.70E-08	30	1.15E-02	5.86E-09	1,000,000	5.86E-03
76	1.68951	3.9894E-05	6.74E-05	2.50E-04	1.69E-08	30	1.15E-02	5.81E-09	1,000,000	5.81E-03
77	1.67012	3.9894E-05	6.66E-05	2.50E-04	1.67E-08	30	1.15E-02	5.74E-09	1,000,000	5.74E-03
78	1.64872	3.9894E-05	6.58E-05	2.50E-04	1.65E-08	30	1.15E-02	5.67E-09	1,000,000	5.67E-03
79	1.62519	3.9894E-05	6.48E-05	2.50E-04	1.62E-08	30	1.15E-02	5.58E-09	1,000,000	5.58E-03
80	1.59978	3.9894E-05	6.38E-05	2.50E-04	1.60E-08	30	1.15E-02	5.50E-09	1,000,000	5.50E-03
81	1.82862	3.9894E-05	7.30E-05	2.50E-04	1.83E-08	30	1.15E-02	6.28E-09	1,000,000	6.28E-03
82	1.8215	3.9894E-05	7.27E-05	2.50E-04	1.82E-08	30	1.15E-02	6.26E-09	1,000,000	6.26E-03
83	1.8117	3.9894E-05	7.23E-05	2.50E-04	1.81E-08	30	1.15E-02	6.23E-09	1,000,000	6.23E-03
84	1.79928	3.9894E-05	7.18E-05	2.50E-04	1.80E-08	30	1.15E-02	6.18E-09	1,000,000	6.18E-03
85	1.78432	3.9894E-05	7.12E-05	2.50E-04	1.78E-08	30	1.15E-02	6.13E-09	1,000,000	6.13E-03
86	1.76691	3.9894E-05	7.05E-05	2.50E-04	1.76E-08	30	1.15E-02	6.07E-09	1,000,000	6.07E-03
87	1.74715	3.9894E-05	6.97E-05	2.50E-04	1.74E-08	30	1.15E-02	6.00E-09	1,000,000	6.00E-03
88	1.72517	3.9894E-05	6.88E-05	2.50E-04	1.72E-08	30	1.15E-02	5.93E-09	1,000,000	5.93E-03
89	1.70112	3.9894E-05	6.79E-05	2.50E-04	1.70E-08	30	1.15E-02	5.85E-09	1,000,000	5.85E-03
90	1.6749	3.9894E-05	6.68E-05	2.50E-04	1.67E-08	30	1.15E-02	5.76E-09	1,000,000	5.76E-03
91	1.64675	3.9894E-05	6.57E-05	2.50E-04	1.64E-08	30	1.15E-02	5.66E-09	1,000,000	5.66E-03
92	1.90309	3.9894E-05	7.59E-05	2.50E-04	1.90E-08	30	1.15E-02	6.54E-09	1,000,000	6.54E-03
93	1.89394	3.9894E-05	7.56E-05	2.50E-04	1.89E-08	30	1.15E-02	6.51E-09	1,000,000	6.51E-03
94	1.88193	3.9894E-05	7.51E-05	2.50E-04	1.88E-08	30	1.15E-02	6.47E-09	1,000,000	6.47E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Cancer Risk From Haul2A - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
95	1.86712	3.9894E-05	7.45E-05	2.50E-04	1.86E-08	30	1.15E-02	6.42E-09	1,000,000	6.42E-03
96	1.84963	3.9894E-05	7.38E-05	2.50E-04	1.85E-08	30	1.15E-02	6.36E-09	1,000,000	6.36E-03
97	1.82956	3.9894E-05	7.30E-05	2.50E-04	1.83E-08	30	1.15E-02	6.29E-09	1,000,000	6.29E-03
98	1.80704	3.9894E-05	7.21E-05	2.50E-04	1.80E-08	30	1.15E-02	6.21E-09	1,000,000	6.21E-03
99	1.78222	3.9894E-05	7.11E-05	2.50E-04	1.78E-08	30	1.15E-02	6.12E-09	1,000,000	6.12E-03
100	1.75527	3.9894E-05	7.00E-05	2.50E-04	1.75E-08	30	1.15E-02	6.03E-09	1,000,000	6.03E-03
101	1.7261	3.9894E-05	6.89E-05	2.50E-04	1.72E-08	30	1.15E-02	5.93E-09	1,000,000	5.93E-03
102	1.695	3.9894E-05	6.76E-05	2.50E-04	1.69E-08	30	1.15E-02	5.82E-09	1,000,000	5.82E-03
103	1.92451	3.9894E-05	7.68E-05	2.50E-04	1.92E-08	30	1.15E-02	6.61E-09	1,000,000	6.61E-03
104	1.9058	3.9894E-05	7.60E-05	2.50E-04	1.90E-08	30	1.15E-02	6.55E-09	1,000,000	6.55E-03
105	1.88809	3.9894E-05	7.53E-05	2.50E-04	1.89E-08	30	1.15E-02	6.49E-09	1,000,000	6.49E-03
106	1.86184	3.9894E-05	7.43E-05	2.50E-04	1.86E-08	30	1.15E-02	6.40E-09	1,000,000	6.40E-03
107	1.8413	3.9894E-05	7.35E-05	2.50E-04	1.84E-08	30	1.15E-02	6.33E-09	1,000,000	6.33E-03
108	1.81118	3.9894E-05	7.23E-05	2.50E-04	1.81E-08	30	1.15E-02	6.22E-09	1,000,000	6.22E-03
109	1.77882	3.9894E-05	7.10E-05	2.50E-04	1.78E-08	30	1.15E-02	6.11E-09	1,000,000	6.11E-03
110	1.7445	3.9894E-05	6.96E-05	2.50E-04	1.74E-08	30	1.15E-02	5.99E-09	1,000,000	5.99E-03
111	1.94061	3.9894E-05	7.74E-05	2.50E-04	1.94E-08	30	1.15E-02	6.67E-09	1,000,000	6.67E-03
112	1.9568	3.9894E-05	7.81E-05	2.50E-04	1.95E-08	30	1.15E-02	6.72E-09	1,000,000	6.72E-03
113	0.83138	3.9894E-05	3.32E-05	2.50E-04	8.30E-09	30	1.15E-02	2.86E-09	1,000,000	2.86E-03
114	0.79692	3.9894E-05	3.18E-05	2.50E-04	7.96E-09	30	1.15E-02	2.74E-09	1,000,000	2.74E-03
115	0.76351	3.9894E-05	3.05E-05	2.50E-04	7.62E-09	30	1.15E-02	2.62E-09	1,000,000	2.62E-03
116	0.73138	3.9894E-05	2.92E-05	2.50E-04	7.30E-09	30	1.15E-02	2.51E-09	1,000,000	2.51E-03
117	0.85022	3.9894E-05	3.39E-05	2.50E-04	8.49E-09	30	1.15E-02	2.92E-09	1,000,000	2.92E-03
118	0.81335	3.9894E-05	3.24E-05	2.50E-04	8.12E-09	30	1.15E-02	2.79E-09	1,000,000	2.79E-03
119	0.77791	3.9894E-05	3.10E-05	2.50E-04	7.77E-09	30	1.15E-02	2.67E-09	1,000,000	2.67E-03
120	0.74405	3.9894E-05	2.97E-05	2.50E-04	7.43E-09	30	1.15E-02	2.56E-09	1,000,000	2.56E-03
121	0.8687	3.9894E-05	3.47E-05	2.50E-04	8.67E-09	30	1.15E-02	2.98E-09	1,000,000	2.98E-03
122	0.82944	3.9894E-05	3.31E-05	2.50E-04	8.28E-09	30	1.15E-02	2.85E-09	1,000,000	2.85E-03
123	0.79197	3.9894E-05	3.16E-05	2.50E-04	7.91E-09	30	1.15E-02	2.72E-09	1,000,000	2.72E-03
124	0.75641	3.9894E-05	3.02E-05	2.50E-04	7.55E-09	30	1.15E-02	2.60E-09	1,000,000	2.60E-03
125	0.88676	3.9894E-05	3.54E-05	2.50E-04	8.85E-09	30	1.15E-02	3.05E-09	1,000,000	3.05E-03
126	0.84512	3.9894E-05	3.37E-05	2.50E-04	8.44E-09	30	1.15E-02	2.90E-09	1,000,000	2.90E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	4.5E-02	School	0.0223	112	5	3.98E-05	0.00005	112	School
2	5.2E-02	Res	0.6645	278	5	4.56E-05	0.0006	278	Res
3	6.0E-02	Teachers	0.007	112	5	5.32E-05	0.00005	112	Teachers
4	7.1E-02				5	6.31E-05			
5	8.7E-02				5	7.68E-05			
6	4.5E-02				5	3.98E-05			
7	5.1E-02				5	4.56E-05			
8	6.0E-02				5	5.30E-05			
9	7.1E-02				5	6.30E-05			
10	8.6E-02				5	7.65E-05			
11	4.4E-02				5	3.93E-05			
12	5.1E-02				5	4.50E-05			
13	5.9E-02				5	5.23E-05			
14	7.0E-02				5	6.21E-05			
15	8.5E-02				5	7.53E-05			
16	4.4E-02				5	3.87E-05			
17	5.0E-02				5	4.43E-05			
18	5.8E-02				5	5.14E-05			
19	6.9E-02				5	6.08E-05			
20	8.4E-02				5	7.40E-05			
21	4.3E-02				5	3.80E-05			
22	4.9E-02				5	4.35E-05			
23	5.7E-02				5	5.05E-05			
24	6.8E-02				5	5.99E-05			
25	8.2E-02				5	7.27E-05			
127	2.2E-02				5	1.93E-05			
128	2.1E-02				5	1.84E-05			
129	2.4E-02				5	2.16E-05			
130	2.3E-02				5	2.06E-05			
131	2.2E-02				5	1.96E-05			
132	2.1E-02				5	1.87E-05			
133	2.5E-02				5	2.21E-05			
134	2.4E-02				5	2.09E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
135	2.2E-02				5	1.99E-05		
136	2.1E-02				5	1.89E-05		
137	2.5E-02				5	2.24E-05		
138	2.3E-02				5	2.02E-05		
139	2.2E-02				5	1.92E-05		
140	2.6E-02				5	2.35E-05		
141	2.5E-02				5	2.21E-05		
142	2.4E-02				5	2.09E-05		
143	2.2E-02				5	1.98E-05		
144	2.7E-02				5	2.37E-05		
145	2.5E-02				5	2.24E-05		
146	2.4E-02				5	2.11E-05		
147	2.3E-02				5	2.00E-05		
148	2.7E-02				5	2.40E-05		
149	2.6E-02				5	2.26E-05		
150	2.4E-02				5	2.13E-05		
151	2.3E-02				5	2.01E-05		
152	2.7E-02				5	2.42E-05		
153	2.6E-02				5	2.28E-05		
154	2.4E-02				5	2.15E-05		
155	2.3E-02				5	2.02E-05		
156	2.8E-02				5	2.44E-05		
157	2.6E-02				5	2.30E-05		
158	2.4E-02				5	2.16E-05		
159	2.3E-02				5	2.04E-05		
160	2.8E-02				5	2.46E-05		
161	2.6E-02				5	2.31E-05		
162	2.5E-02				5	2.18E-05		
163	2.3E-02				5	2.05E-05		
164	2.8E-02				5	2.48E-05		
165	2.6E-02				5	2.33E-05		
166	2.5E-02				5	2.20E-05		
167	2.3E-02				5	2.07E-05		
168	2.8E-02				5	2.50E-05		
169	2.6E-02				5	2.34E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
170	2.5E-02				5	2.21E-05		
171	2.4E-02				5	2.08E-05		
172	2.8E-02				5	2.52E-05		
173	2.7E-02				5	2.36E-05		
174	2.5E-02				5	2.22E-05		
175	2.4E-02				5	2.09E-05		
176	2.9E-02				5	2.53E-05		
177	2.7E-02				5	2.37E-05		
178	2.5E-02				5	2.23E-05		
179	2.4E-02				5	2.10E-05		
180	2.9E-02				5	2.54E-05		
181	2.7E-02				5	2.38E-05		
182	2.5E-02				5	2.24E-05		
183	2.4E-02				5	2.10E-05		
184	3.0E-02				5	2.66E-05		
185	3.3E-02				5	2.95E-05		
186	3.1E-02				5	2.74E-05		
187	2.9E-02				5	2.56E-05		
188	2.7E-02				5	2.40E-05		
189	3.6E-02				5	3.20E-05		
190	3.3E-02				5	2.96E-05		
191	3.1E-02				5	2.75E-05		
192	2.9E-02				5	2.56E-05		
193	2.7E-02				5	2.40E-05		
194	3.6E-02				5	3.20E-05		
195	3.3E-02				5	2.96E-05		
196	3.1E-02				5	2.75E-05		
197	2.9E-02				5	2.57E-05		
198	2.7E-02				5	2.40E-05		
199	3.6E-02				5	3.20E-05		
200	3.3E-02				5	2.95E-05		
201	3.1E-02				5	2.75E-05		
202	2.9E-02				5	2.56E-05		
203	2.7E-02				5	2.39E-05		
204	5.2E-02				5	4.57E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
205	3.6E-02				5	3.19E-05		
206	3.3E-02				5	2.95E-05		
207	3.1E-02				5	2.74E-05		
208	2.9E-02				5	2.55E-05		
209	5.1E-02				5	4.55E-05		
210	4.7E-02				5	4.14E-05		
211	4.3E-02				5	3.77E-05		
212	3.9E-02				5	3.45E-05		
213	3.6E-02				5	3.18E-05		
214	3.3E-02				5	2.94E-05		
215	3.1E-02				5	2.74E-05		
216	6.3E-02				5	5.57E-05		
217	5.6E-02				5	4.97E-05		
218	5.1E-02				5	4.49E-05		
219	4.6E-02				5	4.07E-05		
220	4.2E-02				5	3.72E-05		
221	3.9E-02				5	3.41E-05		
222	6.2E-02				5	5.45E-05		
223	5.5E-02				5	4.89E-05		
224	5.0E-02				5	4.41E-05		
225	4.5E-02				5	4.00E-05		
226	4.1E-02				5	3.66E-05		
227	6.0E-02				5	5.30E-05		
228	5.4E-02				5	4.76E-05		
229	4.9E-02				5	4.31E-05		
230	4.4E-02				5	3.92E-05		
231	5.7E-02				5	5.08E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
232	5.2E-02				5	4.59E-05		
233	4.7E-02				5	4.17E-05		
234	4.3E-02				5	3.81E-05		
235	5.4E-02				5	4.82E-05		
236	5.0E-02				5	4.39E-05		
237	4.5E-02				5	4.01E-05		
238	4.2E-02				5	3.68E-05		
239	5.1E-02				5	4.52E-05		
240	4.7E-02				5	4.15E-05		
241	4.3E-02				5	3.82E-05		
242	4.0E-02				5	3.53E-05		
243	1.1E-01				5	9.81E-05		
244	9.7E-02				5	8.56E-05		
245	8.5E-02				5	7.55E-05		
246	7.6E-02				5	6.73E-05		
247	6.8E-02				5	6.05E-05		
248	6.2E-02				5	5.50E-05		
249	5.7E-02				5	5.02E-05		
250	9.7E-02				5	8.57E-05		
251	8.6E-02				5	7.57E-05		
252	7.6E-02				5	6.75E-05		
253	6.8E-02				5	6.06E-05		
254	6.2E-02				5	5.49E-05		
255	5.7E-02				5	5.01E-05		
256	5.2E-02				5	4.60E-05		
257	8.5E-02				5	7.56E-05		
258	7.6E-02				5	6.76E-05		
259	6.9E-02				5	6.07E-05		
260	6.2E-02				5	5.49E-05		
261	5.6E-02				5	4.99E-05		
262	5.2E-02				5	4.58E-05		
263	4.8E-02				5	4.21E-05		
264	7.6E-02				5	6.74E-05		
265	6.9E-02				5	6.07E-05		
266	6.2E-02				5	5.50E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
267	5.7E-02				5	5.01E-05		
268	5.2E-02				5	4.58E-05		
269	4.8E-02				5	4.21E-05		
270	4.4E-02				5	3.87E-05		
271	6.8E-02				5	6.06E-05		
272	6.2E-02				5	5.50E-05		
273	5.7E-02				5	5.01E-05		
274	5.2E-02				5	4.59E-05		
275	4.8E-02				5	4.21E-05		
276	4.4E-02				5	3.89E-05		
277	4.0E-02				5	3.57E-05		
278	6.6E-01				5	5.88E-04		
279	6.2E-01				5	5.46E-04		
280	5.4E-01				5	4.81E-04		
281	4.8E-01				5	4.25E-04		
282	5.4E-01				5	4.75E-04		
283	4.4E-01				5	3.91E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	1.7E-02	5.2E-03			5	3.61E-05		
27	1.7E-02	5.2E-03			5	3.61E-05		
28	1.7E-02	5.2E-03			5	3.61E-05		
29	1.7E-02	5.2E-03			5	3.60E-05		
30	1.7E-02	5.1E-03			5	3.58E-05		
31	1.7E-02	5.1E-03			5	3.57E-05		
32	1.7E-02	5.1E-03			5	3.54E-05		
33	1.7E-02	5.0E-03			5	3.52E-05		
34	1.7E-02	5.0E-03			5	3.48E-05		
35	1.6E-02	5.0E-03			5	3.45E-05		
36	1.6E-02	4.9E-03			5	3.41E-05		
37	1.8E-02	5.4E-03			5	3.75E-05		
38	1.8E-02	5.4E-03			5	3.75E-05		
39	1.8E-02	5.4E-03			5	3.74E-05		
40	1.8E-02	5.3E-03			5	3.73E-05		
41	1.8E-02	5.3E-03			5	3.71E-05		
42	1.8E-02	5.3E-03			5	3.69E-05		
43	1.7E-02	5.3E-03			5	3.66E-05		
44	1.7E-02	5.2E-03			5	3.63E-05		
45	1.7E-02	5.2E-03			5	3.59E-05		
46	1.7E-02	5.1E-03			5	3.55E-05		
47	1.7E-02	5.0E-03			5	3.51E-05		
48	1.9E-02	5.6E-03			5	3.90E-05		
49	1.8E-02	5.6E-03			5	3.89E-05		
50	1.8E-02	5.6E-03			5	3.88E-05		
51	1.8E-02	5.5E-03			5	3.86E-05		
52	1.8E-02	5.5E-03			5	3.84E-05		
53	1.8E-02	5.5E-03			5	3.81E-05		
54	1.8E-02	5.4E-03			5	3.78E-05		
55	1.8E-02	5.4E-03			5	3.75E-05		
56	1.8E-02	5.3E-03			5	3.71E-05		
57	1.7E-02	5.3E-03			5	3.66E-05		
58	1.7E-02	5.2E-03			5	3.61E-05		
59	1.9E-02	5.8E-03			5	4.05E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
60	1.9E-02	5.8E-03			5	4.04E-05		
61	1.9E-02	5.8E-03			5	4.02E-05		
62	1.9E-02	5.7E-03			5	4.00E-05		
63	1.9E-02	5.7E-03			5	3.98E-05		
64	1.9E-02	5.7E-03			5	3.95E-05		
65	1.9E-02	5.6E-03			5	3.91E-05		
66	1.8E-02	5.6E-03			5	3.87E-05		
67	1.8E-02	5.5E-03			5	3.83E-05		
68	1.8E-02	5.4E-03			5	3.77E-05		
69	1.8E-02	5.3E-03			5	3.72E-05		
70	2.0E-02	6.0E-03			5	4.21E-05		
71	2.0E-02	6.0E-03			5	4.20E-05		
72	2.0E-02	6.0E-03			5	4.18E-05		
73	2.0E-02	6.0E-03			5	4.15E-05		
74	2.0E-02	5.9E-03			5	4.12E-05		
75	1.9E-02	5.9E-03			5	4.09E-05		
76	1.9E-02	5.8E-03			5	4.04E-05		
77	1.9E-02	5.7E-03			5	4.00E-05		
78	1.9E-02	5.7E-03			5	3.95E-05		
79	1.8E-02	5.6E-03			5	3.89E-05		
80	1.8E-02	5.5E-03			5	3.83E-05		
81	2.1E-02	6.3E-03			5	4.38E-05		
82	2.1E-02	6.3E-03			5	4.36E-05		
83	2.1E-02	6.2E-03			5	4.34E-05		
84	2.0E-02	6.2E-03			5	4.31E-05		
85	2.0E-02	6.1E-03			5	4.27E-05		
86	2.0E-02	6.1E-03			5	4.23E-05		
87	2.0E-02	6.0E-03			5	4.18E-05		
88	2.0E-02	5.9E-03			5	4.13E-05		
89	1.9E-02	5.8E-03			5	4.07E-05		
90	1.9E-02	5.8E-03			5	4.01E-05		
91	1.9E-02	5.7E-03			5	3.94E-05		
92	2.2E-02	6.5E-03			5	4.56E-05		
93	2.2E-02	6.5E-03			5	4.53E-05		
94	2.1E-02	6.5E-03			5	4.50E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2A

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
95	2.1E-02	6.4E-03			5	4.47E-05		
96	2.1E-02	6.4E-03			5	4.43E-05		
97	2.1E-02	6.3E-03			5	4.38E-05		
98	2.1E-02	6.2E-03			5	4.33E-05		
99	2.0E-02	6.1E-03			5	4.27E-05		
100	2.0E-02	6.0E-03			5	4.20E-05		
101	2.0E-02	5.9E-03			5	4.13E-05		
102	1.9E-02	5.8E-03			5	4.06E-05		
103	2.2E-02	6.6E-03			5	4.61E-05		
104	2.2E-02	6.5E-03			5	4.56E-05		
105	2.1E-02	6.5E-03			5	4.52E-05		
106	2.1E-02	6.4E-03			5	4.46E-05		
107	2.1E-02	6.3E-03			5	4.41E-05		
108	2.1E-02	6.2E-03			5	4.34E-05		
109	2.0E-02	6.1E-03			5	4.26E-05		
110	2.0E-02	6.0E-03			5	4.18E-05		
111	2.2E-02	6.7E-03			5	4.65E-05		
112	2.2E-02	6.7E-03			5	4.68E-05		
113	9.5E-03	2.9E-03			5	1.99E-05		
114	9.1E-03	2.7E-03			5	1.91E-05		
115	8.7E-03	2.6E-03			5	1.83E-05		
116	8.3E-03	2.5E-03			5	1.75E-05		
117	9.7E-03	2.9E-03			5	2.04E-05		
118	9.3E-03	2.8E-03			5	1.95E-05		
119	8.9E-03	2.7E-03			5	1.86E-05		
120	8.5E-03	2.6E-03			5	1.78E-05		
121	9.9E-03	3.0E-03			5	2.08E-05		
122	9.4E-03	2.9E-03			5	1.99E-05		
123	9.0E-03	2.7E-03			5	1.90E-05		
124	8.6E-03	2.6E-03			5	1.81E-05		
125	1.0E-02	3.0E-03			5	2.12E-05		
126	9.6E-03	2.9E-03			5	2.02E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.33726	**6.94E-05**	9.28E-05	1.05E-03	9.70E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02
2	1.51929	6.9413E-05	0.00010546	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
3	1.75475	6.9413E-05	0.0001218	1.05E-03	1.27E-07	1.45	1.57E-01	2.90E-08	1,000,000	2.90E-02
4	2.06114	6.9413E-05	0.00014307	1.05E-03	1.50E-07	1.45	1.57E-01	3.41E-08	1,000,000	3.41E-02
5	2.48307	6.9413E-05	0.00017236	1.05E-03	1.80E-07	1.45	1.57E-01	4.10E-08	1,000,000	4.10E-02
6	1.31947	6.9413E-05	9.1588E-05	1.05E-03	9.57E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
7	1.49666	6.9413E-05	0.00010389	1.05E-03	1.09E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
8	1.72383	6.9413E-05	0.00011966	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
9	2.02801	6.9413E-05	0.00014077	1.05E-03	1.47E-07	1.45	1.57E-01	3.35E-08	1,000,000	3.35E-02
10	2.44124	6.9413E-05	0.00016945	1.05E-03	1.77E-07	1.45	1.57E-01	4.04E-08	1,000,000	4.04E-02
11	1.29745	6.9413E-05	9.006E-05	1.05E-03	9.41E-08	1.45	1.57E-01	2.14E-08	1,000,000	2.14E-02
12	1.47116	6.9413E-05	0.00010212	1.05E-03	1.07E-07	1.45	1.57E-01	2.43E-08	1,000,000	2.43E-02
13	1.69509	6.9413E-05	0.00011766	1.05E-03	1.23E-07	1.45	1.57E-01	2.80E-08	1,000,000	2.80E-02
14	1.99763	6.9413E-05	0.00013866	1.05E-03	1.45E-07	1.45	1.57E-01	3.30E-08	1,000,000	3.30E-02
15	2.40824	6.9413E-05	0.00016716	1.05E-03	1.75E-07	1.45	1.57E-01	3.98E-08	1,000,000	3.98E-02
16	1.27698	6.9413E-05	8.8639E-05	1.05E-03	9.26E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
17	1.45002	6.9413E-05	0.00010065	1.05E-03	1.05E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
18	1.67175	6.9413E-05	0.00011604	1.05E-03	1.21E-07	1.45	1.57E-01	2.76E-08	1,000,000	2.76E-02
19	1.9648	6.9413E-05	0.00013638	1.05E-03	1.43E-07	1.45	1.57E-01	3.25E-08	1,000,000	3.25E-02
20	2.37894	6.9413E-05	0.00016513	1.05E-03	1.73E-07	1.45	1.57E-01	3.93E-08	1,000,000	3.93E-02
113	1.13117	6.9413E-05	7.8518E-05	1.05E-03	8.21E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
114	1.06862	6.9413E-05	7.4176E-05	1.05E-03	7.75E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
115	1.0097	6.9413E-05	7.0086E-05	1.05E-03	7.33E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
116	0.95463	6.9413E-05	6.6264E-05	1.05E-03	6.93E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
117	1.16019	6.9413E-05	8.0532E-05	1.05E-03	8.42E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
118	1.09279	6.9413E-05	7.5854E-05	1.05E-03	7.93E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
119	1.03002	6.9413E-05	7.1497E-05	1.05E-03	7.47E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
120	0.97185	6.9413E-05	6.7459E-05	1.05E-03	7.05E-08	1.45	1.57E-01	1.61E-08	1,000,000	1.61E-02
121	1.18795	6.9413E-05	8.2459E-05	1.05E-03	8.62E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
122	1.11585	6.9413E-05	7.7454E-05	1.05E-03	8.10E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
123	1.04935	6.9413E-05	7.2838E-05	1.05E-03	7.61E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
124	0.98817	6.9413E-05	6.8592E-05	1.05E-03	7.17E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.4288E-05	1.05E-03	8.81E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
126	1.13766	6.9413E-05	7.8968E-05	1.05E-03	8.25E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
127	1.06753	6.9413E-05	7.41E-05	1.05E-03	7.74E-08	1.45	1.57E-01	1.76E-08	1,000,000	1.76E-02
128	1.00341	6.9413E-05	6.965E-05	1.05E-03	7.28E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
129	1.23906	6.9413E-05	8.6007E-05	1.05E-03	8.99E-08	1.45	1.57E-01	2.05E-08	1,000,000	2.05E-02
130	1.15803	6.9413E-05	8.0382E-05	1.05E-03	8.40E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
131	1.0844	6.9413E-05	7.5271E-05	1.05E-03	7.87E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
132	1.01744	6.9413E-05	7.0623E-05	1.05E-03	7.38E-08	1.45	1.57E-01	1.68E-08	1,000,000	1.68E-02
133	1.262	6.9413E-05	8.7599E-05	1.05E-03	9.16E-08	1.45	1.57E-01	2.09E-08	1,000,000	2.09E-02
134	1.17678	6.9413E-05	8.1684E-05	1.05E-03	8.54E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
135	1.09981	6.9413E-05	7.6341E-05	1.05E-03	7.98E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
136	1.03013	6.9413E-05	7.1504E-05	1.05E-03	7.47E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
137	1.28294	6.9413E-05	8.9052E-05	1.05E-03	9.31E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
138	1.11365	6.9413E-05	7.7302E-05	1.05E-03	8.08E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
139	1.04147	6.9413E-05	7.2291E-05	1.05E-03	7.56E-08	1.45	1.57E-01	1.72E-08	1,000,000	1.72E-02
140	1.333	6.9413E-05	9.2527E-05	1.05E-03	9.67E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
141	1.23403	6.9413E-05	8.5657E-05	1.05E-03	8.95E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
142	1.14637	6.9413E-05	7.9573E-05	1.05E-03	8.32E-08	1.45	1.57E-01	1.90E-08	1,000,000	1.90E-02
143	1.06836	6.9413E-05	7.4158E-05	1.05E-03	7.75E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
144	1.34568	6.9413E-05	9.3407E-05	1.05E-03	9.76E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
145	1.2443	6.9413E-05	8.637E-05	1.05E-03	9.03E-08	1.45	1.57E-01	2.06E-08	1,000,000	2.06E-02
146	1.15484	6.9413E-05	8.0161E-05	1.05E-03	8.38E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
147	1.07546	6.9413E-05	7.4651E-05	1.05E-03	7.80E-08	1.45	1.57E-01	1.78E-08	1,000,000	1.78E-02
148	1.35665	6.9413E-05	9.4169E-05	1.05E-03	9.84E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
149	1.25327	6.9413E-05	8.6993E-05	1.05E-03	9.09E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
150	1.1623	6.9413E-05	8.0679E-05	1.05E-03	8.43E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
151	1.08176	6.9413E-05	7.5088E-05	1.05E-03	7.85E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
152	1.366	6.9413E-05	9.4818E-05	1.05E-03	9.91E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
153	1.26098	6.9413E-05	8.7528E-05	1.05E-03	9.15E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
154	1.16873	6.9413E-05	8.1125E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
155	1.08717	6.9413E-05	7.5464E-05	1.05E-03	7.89E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
156	1.37365	6.9413E-05	9.5349E-05	1.05E-03	9.97E-08	1.45	1.57E-01	2.27E-08	1,000,000	2.27E-02
157	1.26724	6.9413E-05	8.7963E-05	1.05E-03	9.19E-08	1.45	1.57E-01	2.09E-08	1,000,000	2.09E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.1484E-05	1.05E-03	8.52E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
159	1.09145	6.9413E-05	7.5761E-05	1.05E-03	7.92E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
160	1.37918	6.9413E-05	9.5733E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
161	1.27165	6.9413E-05	8.8269E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
162	1.17739	6.9413E-05	8.1726E-05	1.05E-03	8.54E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
163	1.10081	6.9413E-05	7.641E-05	1.05E-03	7.99E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
164	1.38195	6.9413E-05	9.5925E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
165	1.27361	6.9413E-05	8.8405E-05	1.05E-03	9.24E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
166	1.18692	6.9413E-05	8.2387E-05	1.05E-03	8.61E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
167	1.10298	6.9413E-05	7.6561E-05	1.05E-03	8.00E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
168	1.38131	6.9413E-05	9.5881E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
169	1.27267	6.9413E-05	8.834E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
170	1.18546	6.9413E-05	8.2286E-05	1.05E-03	8.60E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
171	1.10113	6.9413E-05	7.6433E-05	1.05E-03	7.99E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
172	1.37696	6.9413E-05	9.5579E-05	1.05E-03	9.99E-08	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
173	1.26863	6.9413E-05	8.8059E-05	1.05E-03	9.20E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
174	1.18067	6.9413E-05	8.1954E-05	1.05E-03	8.57E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
175	1.09668	6.9413E-05	7.6124E-05	1.05E-03	7.96E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
176	1.36891	6.9413E-05	9.502E-05	1.05E-03	9.93E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
177	1.26159	6.9413E-05	8.7571E-05	1.05E-03	9.15E-08	1.45	1.57E-01	2.09E-08	1,000,000	2.09E-02
178	1.17342	6.9413E-05	8.145E-05	1.05E-03	8.51E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
179	1.09019	6.9413E-05	7.5673E-05	1.05E-03	7.91E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
180	1.35716	6.9413E-05	9.4204E-05	1.05E-03	9.85E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
181	1.25653	6.9413E-05	8.7219E-05	1.05E-03	9.12E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
182	1.16427	6.9413E-05	8.0815E-05	1.05E-03	8.45E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
183	1.0822	6.9413E-05	7.5119E-05	1.05E-03	7.85E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
184	1.49665	6.9413E-05	0.00010389	1.05E-03	1.09E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
185	1.6216	6.9413E-05	0.00011256	1.05E-03	1.18E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
186	1.48158	6.9413E-05	0.00010284	1.05E-03	1.07E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
187	1.36041	6.9413E-05	9.443E-05	1.05E-03	9.87E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
188	1.25965	6.9413E-05	8.7436E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
189	1.74874	6.9413E-05	0.00012138	1.05E-03	1.27E-07	1.45	1.57E-01	2.89E-08	1,000,000	2.89E-02
190	1.59364	6.9413E-05	0.00011062	1.05E-03	1.16E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	0.00010128	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
192	1.34208	6.9413E-05	9.3158E-05	1.05E-03	9.74E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
193	1.24509	6.9413E-05	8.6425E-05	1.05E-03	9.03E-08	1.45	1.57E-01	2.06E-08	1,000,000	2.06E-02
194	1.7046	6.9413E-05	0.00011832	1.05E-03	1.24E-07	1.45	1.57E-01	2.82E-08	1,000,000	2.82E-02
195	1.55782	6.9413E-05	0.00010813	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
196	1.43545	6.9413E-05	9.9639E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
197	1.3243	6.9413E-05	9.1923E-05	1.05E-03	9.61E-08	1.45	1.57E-01	2.19E-08	1,000,000	2.19E-02
198	1.22579	6.9413E-05	8.5086E-05	1.05E-03	8.89E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
199	1.65095	6.9413E-05	0.0001146	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
200	1.51431	6.9413E-05	0.00010511	1.05E-03	1.10E-07	1.45	1.57E-01	2.50E-08	1,000,000	2.50E-02
201	1.39948	6.9413E-05	9.7142E-05	1.05E-03	1.02E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
202	1.29462	6.9413E-05	8.9863E-05	1.05E-03	9.39E-08	1.45	1.57E-01	2.14E-08	1,000,000	2.14E-02
203	1.20222	6.9413E-05	8.3449E-05	1.05E-03	8.72E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
204	2.32566	6.9413E-05	0.00016143	1.05E-03	1.69E-07	1.45	1.57E-01	3.84E-08	1,000,000	3.84E-02
205	1.59036	6.9413E-05	0.00011039	1.05E-03	1.15E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02
206	1.46422	6.9413E-05	0.00010164	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
207	1.35703	6.9413E-05	9.4195E-05	1.05E-03	9.85E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
208	1.25887	6.9413E-05	8.7382E-05	1.05E-03	9.13E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
209	2.18815	6.9413E-05	0.00015189	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
210	1.98424	6.9413E-05	0.00013773	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
211	1.80853	6.9413E-05	0.00012554	1.05E-03	1.31E-07	1.45	1.57E-01	2.99E-08	1,000,000	2.99E-02
212	1.65697	6.9413E-05	0.00011501	1.05E-03	1.20E-07	1.45	1.57E-01	2.74E-08	1,000,000	2.74E-02
213	1.52506	6.9413E-05	0.00010586	1.05E-03	1.11E-07	1.45	1.57E-01	2.52E-08	1,000,000	2.52E-02
214	1.41117	6.9413E-05	9.7953E-05	1.05E-03	1.02E-07	1.45	1.57E-01	2.33E-08	1,000,000	2.33E-02
215	1.30912	6.9413E-05	9.087E-05	1.05E-03	9.50E-08	1.45	1.57E-01	2.16E-08	1,000,000	2.16E-02
216	2.31651	6.9413E-05	0.0001608	1.05E-03	1.68E-07	1.45	1.57E-01	3.83E-08	1,000,000	3.83E-02
217	2.10288	6.9413E-05	0.00014597	1.05E-03	1.53E-07	1.45	1.57E-01	3.48E-08	1,000,000	3.48E-02
218	1.91849	6.9413E-05	0.00013317	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
219	1.75869	6.9413E-05	0.00012208	1.05E-03	1.28E-07	1.45	1.57E-01	2.91E-08	1,000,000	2.91E-02
220	1.61861	6.9413E-05	0.00011235	1.05E-03	1.17E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
221	1.49595	6.9413E-05	0.00010384	1.05E-03	1.09E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
222	2.13657	6.9413E-05	0.00014831	1.05E-03	1.55E-07	1.45	1.57E-01	3.53E-08	1,000,000	3.53E-02
223	1.95191	6.9413E-05	0.00013549	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	0.0001243	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
225	1.65013	6.9413E-05	0.00011454	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
226	1.52399	6.9413E-05	0.00010578	1.05E-03	1.11E-07	1.45	1.57E-01	2.52E-08	1,000,000	2.52E-02
227	1.97295	6.9413E-05	0.00013695	1.05E-03	1.43E-07	1.45	1.57E-01	3.26E-08	1,000,000	3.26E-02
228	1.81137	6.9413E-05	0.00012573	1.05E-03	1.31E-07	1.45	1.57E-01	2.99E-08	1,000,000	2.99E-02
229	1.66367	6.9413E-05	0.00011548	1.05E-03	1.21E-07	1.45	1.57E-01	2.75E-08	1,000,000	2.75E-02
230	1.54002	6.9413E-05	0.0001069	1.05E-03	1.12E-07	1.45	1.57E-01	2.55E-08	1,000,000	2.55E-02
231	1.82377	6.9413E-05	0.00012659	1.05E-03	1.32E-07	1.45	1.57E-01	3.01E-08	1,000,000	3.01E-02
232	1.68354	6.9413E-05	0.00011686	1.05E-03	1.22E-07	1.45	1.57E-01	2.78E-08	1,000,000	2.78E-02
233	1.55038	6.9413E-05	0.00010762	1.05E-03	1.12E-07	1.45	1.57E-01	2.56E-08	1,000,000	2.56E-02
234	1.44072	6.9413E-05	0.0001	1.05E-03	1.05E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
235	1.68922	6.9413E-05	0.00011725	1.05E-03	1.23E-07	1.45	1.57E-01	2.79E-08	1,000,000	2.79E-02
236	1.5669	6.9413E-05	0.00010876	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
237	1.44605	6.9413E-05	0.00010037	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
238	1.34942	6.9413E-05	9.3667E-05	1.05E-03	9.79E-08	1.45	1.57E-01	2.23E-08	1,000,000	2.23E-02
239	1.56822	6.9413E-05	0.00010885	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
240	1.45086	6.9413E-05	0.00010071	1.05E-03	1.05E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
241	1.35307	6.9413E-05	9.392E-05	1.05E-03	9.82E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
242	1.26616	6.9413E-05	8.7888E-05	1.05E-03	9.19E-08	1.45	1.57E-01	2.09E-08	1,000,000	2.09E-02
243	2.7862	6.9413E-05	0.0001934	1.05E-03	2.02E-07	1.45	1.57E-01	4.61E-08	1,000,000	4.61E-02
244	2.56679	6.9413E-05	0.00017817	1.05E-03	1.86E-07	1.45	1.57E-01	4.24E-08	1,000,000	4.24E-02
245	2.36183	6.9413E-05	0.00016394	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
246	2.17392	6.9413E-05	0.0001509	1.05E-03	1.58E-07	1.45	1.57E-01	3.59E-08	1,000,000	3.59E-02
247	2.00229	6.9413E-05	0.00013898	1.05E-03	1.45E-07	1.45	1.57E-01	3.31E-08	1,000,000	3.31E-02
248	1.85013	6.9413E-05	0.00012842	1.05E-03	1.34E-07	1.45	1.57E-01	3.06E-08	1,000,000	3.06E-02
249	1.71239	6.9413E-05	0.00011886	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
250	2.50001	6.9413E-05	0.00017353	1.05E-03	1.81E-07	1.45	1.57E-01	4.13E-08	1,000,000	4.13E-02
251	2.31622	6.9413E-05	0.00016078	1.05E-03	1.68E-07	1.45	1.57E-01	3.83E-08	1,000,000	3.83E-02
252	2.14361	6.9413E-05	0.00014879	1.05E-03	1.56E-07	1.45	1.57E-01	3.54E-08	1,000,000	3.54E-02
253	1.98414	6.9413E-05	0.00013772	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
254	1.8372	6.9413E-05	0.00012753	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
255	1.70589	6.9413E-05	0.00011841	1.05E-03	1.24E-07	1.45	1.57E-01	2.82E-08	1,000,000	2.82E-02
256	1.58175	6.9413E-05	0.00010979	1.05E-03	1.15E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	0.00015678	1.05E-03	1.64E-07	1.45	1.57E-01	3.73E-08	1,000,000	3.73E-02
258	2.10265	6.9413E-05	0.00014595	1.05E-03	1.53E-07	1.45	1.57E-01	3.48E-08	1,000,000	3.48E-02
259	1.95555	6.9413E-05	0.00013574	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
260	1.81896	6.9413E-05	0.00012626	1.05E-03	1.32E-07	1.45	1.57E-01	3.01E-08	1,000,000	3.01E-02
261	1.69201	6.9413E-05	0.00011745	1.05E-03	1.23E-07	1.45	1.57E-01	2.80E-08	1,000,000	2.80E-02
262	1.57777	6.9413E-05	0.00010952	1.05E-03	1.14E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02
263	1.46868	6.9413E-05	0.00010195	1.05E-03	1.07E-07	1.45	1.57E-01	2.43E-08	1,000,000	2.43E-02
264	2.05533	6.9413E-05	0.00014267	1.05E-03	1.49E-07	1.45	1.57E-01	3.40E-08	1,000,000	3.40E-02
265	1.91993	6.9413E-05	0.00013327	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
266	1.79277	6.9413E-05	0.00012444	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
267	1.67459	6.9413E-05	0.00011624	1.05E-03	1.21E-07	1.45	1.57E-01	2.77E-08	1,000,000	2.77E-02
268	1.56551	6.9413E-05	0.00010867	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
269	1.46484	6.9413E-05	0.00010168	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
270	1.36803	6.9413E-05	9.4959E-05	1.05E-03	9.93E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
271	1.87927	6.9413E-05	0.00013045	1.05E-03	1.36E-07	1.45	1.57E-01	3.11E-08	1,000,000	3.11E-02
272	1.76187	6.9413E-05	0.0001223	1.05E-03	1.28E-07	1.45	1.57E-01	2.91E-08	1,000,000	2.91E-02
273	1.65122	6.9413E-05	0.00011462	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
274	1.54795	6.9413E-05	0.00010745	1.05E-03	1.12E-07	1.45	1.57E-01	2.56E-08	1,000,000	2.56E-02
275	1.45218	6.9413E-05	0.0001008	1.05E-03	1.05E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
276	1.36383	6.9413E-05	9.4667E-05	1.05E-03	9.89E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
277	1.27642	6.9413E-05	8.86E-05	1.05E-03	9.26E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
278	8.9093	6.9413E-05	0.00061842	1.05E-03	6.46E-07	1.45	1.57E-01	1.47E-07	1,000,000	1.47E-01
279	8.16494	6.9413E-05	0.00056675	1.05E-03	5.92E-07	1.45	1.57E-01	1.35E-07	1,000,000	1.35E-01
280	7.03127	6.9413E-05	0.00048806	1.05E-03	5.10E-07	1.45	1.57E-01	1.16E-07	1,000,000	1.16E-01
281	6.56402	6.9413E-05	0.00045563	1.05E-03	4.76E-07	1.45	1.57E-01	1.09E-07	1,000,000	1.09E-01
282	6.72638	6.9413E-05	0.0004669	1.05E-03	4.88E-07	1.45	1.57E-01	1.11E-07	1,000,000	1.11E-01
283	6.53649	6.9413E-05	0.00045372	1.05E-03	4.74E-07	1.45	1.57E-01	1.08E-07	1,000,000	1.08E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
21	1.26068	6.9413E-05	8.7507E-05	1.05E-03	9.15E-08	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
22	1.43245	6.9413E-05	9.943E-05	1.05E-03	1.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
23	1.65432	6.9413E-05	0.00011483	1.05E-03	1.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
24	1.94736	6.9413E-05	0.00013517	1.05E-03	1.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
25	2.34205	6.9413E-05	0.00016257	1.05E-03	1.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
26	2.32682	6.9413E-05	0.00016151	1.05E-03	1.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	2.35622	6.9413E-05	0.00016355	1.05E-03	1.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	2.38132	6.9413E-05	0.00016529	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	2.40158	6.9413E-05	0.0001667	1.05E-03	1.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	2.41676	6.9413E-05	0.00016775	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	2.42676	6.9413E-05	0.00016845	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	2.43147	6.9413E-05	0.00016878	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	2.43073	6.9413E-05	0.00016872	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	2.42427	6.9413E-05	0.00016828	1.05E-03	1.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	2.41116	6.9413E-05	0.00016737	1.05E-03	1.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	2.39143	6.9413E-05	0.000166	1.05E-03	1.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	2.45582	6.9413E-05	0.00017047	1.05E-03	1.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	2.48753	6.9413E-05	0.00017267	1.05E-03	1.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	2.5144	6.9413E-05	0.00017453	1.05E-03	1.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	2.5358	6.9413E-05	0.00017602	1.05E-03	1.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	2.55144	6.9413E-05	0.0001771	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	2.56118	6.9413E-05	0.00017778	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	2.56487	6.9413E-05	0.00017803	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	2.56224	6.9413E-05	0.00017785	1.05E-03	1.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	2.55298	6.9413E-05	0.00017721	1.05E-03	1.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	2.53606	6.9413E-05	0.00017604	1.05E-03	1.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	2.51151	6.9413E-05	0.00017433	1.05E-03	1.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	2.5969	6.9413E-05	0.00018026	1.05E-03	1.88E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	2.63133	6.9413E-05	0.00018265	1.05E-03	1.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	2.66029	6.9413E-05	0.00018466	1.05E-03	1.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	2.68304	6.9413E-05	0.00018624	1.05E-03	1.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	2.6992	6.9413E-05	0.00018736	1.05E-03	1.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	0.00018801	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	2.71093	6.9413E-05	0.00018817	1.05E-03	1.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	2.70592	6.9413E-05	0.00018783	1.05E-03	1.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	2.69313	6.9413E-05	0.00018694	1.05E-03	1.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	2.67144	6.9413E-05	0.00018543	1.05E-03	1.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
58	2.64092	6.9413E-05	0.00018331	1.05E-03	1.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	2.75184	6.9413E-05	0.00019101	1.05E-03	2.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	2.78953	6.9413E-05	0.00019363	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	2.821	6.9413E-05	0.00019581	1.05E-03	2.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	2.84535	6.9413E-05	0.0001975	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	2.86211	6.9413E-05	0.00019867	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	2.87096	6.9413E-05	0.00019928	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	2.87158	6.9413E-05	0.00019932	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	2.86348	6.9413E-05	0.00019876	1.05E-03	2.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	2.84616	6.9413E-05	0.00019756	1.05E-03	2.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	2.81843	6.9413E-05	0.00019564	1.05E-03	2.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	2.78046	6.9413E-05	0.000193	1.05E-03	2.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	2.92281	6.9413E-05	0.00020288	1.05E-03	2.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	2.96447	6.9413E-05	0.00020577	1.05E-03	2.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	2.99901	6.9413E-05	0.00020817	1.05E-03	2.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	3.0253	6.9413E-05	0.00020999	1.05E-03	2.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	3.04271	6.9413E-05	0.0002112	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	3.05081	6.9413E-05	0.00021177	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	3.04909	6.9413E-05	0.00021165	1.05E-03	2.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	3.03693	6.9413E-05	0.0002108	1.05E-03	2.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	3.01374	6.9413E-05	0.00020919	1.05E-03	2.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	2.97828	6.9413E-05	0.00020673	1.05E-03	2.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	2.93092	6.9413E-05	0.00020344	1.05E-03	2.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	3.11252	6.9413E-05	0.00021605	1.05E-03	2.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	3.15909	6.9413E-05	0.00021928	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	3.19742	6.9413E-05	0.00022194	1.05E-03	2.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	3.22607	6.9413E-05	0.00022393	1.05E-03	2.34E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	3.24419	6.9413E-05	0.00022519	1.05E-03	2.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Cancer Risk From Haul2B - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	0.00022567	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	3.24623	6.9413E-05	0.00022533	1.05E-03	2.36E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	3.22863	6.9413E-05	0.00022411	1.05E-03	2.34E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	3.19768	6.9413E-05	0.00022196	1.05E-03	2.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	3.15225	6.9413E-05	0.00021881	1.05E-03	2.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
91	3.09304	6.9413E-05	0.0002147	1.05E-03	2.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	3.32437	6.9413E-05	0.00023075	1.05E-03	2.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	3.37711	6.9413E-05	0.00023441	1.05E-03	2.45E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	3.42019	6.9413E-05	0.00023741	1.05E-03	2.48E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	3.45173	6.9413E-05	0.00023959	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	3.47056	6.9413E-05	0.0002409	1.05E-03	2.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	3.47576	6.9413E-05	0.00024126	1.05E-03	2.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	3.46633	6.9413E-05	0.00024061	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	3.44127	6.9413E-05	0.00023887	1.05E-03	2.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	3.39997	6.9413E-05	0.000236	1.05E-03	2.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	3.34156	6.9413E-05	0.00023195	1.05E-03	2.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	3.26735	6.9413E-05	0.0002268	1.05E-03	2.37E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	3.65466	6.9413E-05	0.00025368	1.05E-03	2.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	3.67706	6.9413E-05	0.00025524	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	3.70319	6.9413E-05	0.00025705	1.05E-03	2.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	3.68471	6.9413E-05	0.00025577	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	3.67793	6.9413E-05	0.0002553	1.05E-03	2.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	3.62267	6.9413E-05	0.00025146	1.05E-03	2.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	3.54731	6.9413E-05	0.00024623	1.05E-03	2.57E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	3.45415	6.9413E-05	0.00023976	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	3.62006	6.9413E-05	0.00025128	1.05E-03	2.63E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	3.56902	6.9413E-05	0.00024774	1.05E-03	2.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						Residential Receptors				
1	1.33726	6.94E-05	9.28E-05	6.05E-04	5.62E-08	14	4.71E-02	3.71E-08	1,000,000	3.7E-02
2	1.51929	6.9413E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
3	1.75475	6.9413E-05	1.22E-04	6.05E-04	7.37E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
4	2.06114	6.9413E-05	1.43E-04	6.05E-04	8.66E-08	14	4.71E-02	5.71E-08	1,000,000	5.71E-02
5	2.48307	6.9413E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.88E-08	1,000,000	6.88E-02
6	1.31947	6.9413E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
7	1.49666	6.9413E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
8	1.72383	6.9413E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
9	2.02801	6.9413E-05	1.41E-04	6.05E-04	8.52E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
10	2.44124	6.9413E-05	1.69E-04	6.05E-04	1.03E-07	14	4.71E-02	6.77E-08	1,000,000	6.77E-02
11	1.29745	6.9413E-05	9.01E-05	6.05E-04	5.45E-08	14	4.71E-02	3.60E-08	1,000,000	3.60E-02
12	1.47116	6.9413E-05	1.02E-04	6.05E-04	6.18E-08	14	4.71E-02	4.08E-08	1,000,000	4.08E-02
13	1.69509	6.9413E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
14	1.99763	6.9413E-05	1.39E-04	6.05E-04	8.39E-08	14	4.71E-02	5.54E-08	1,000,000	5.54E-02
15	2.40824	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	14	4.71E-02	6.68E-08	1,000,000	6.68E-02
16	1.27698	6.9413E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
17	1.45002	6.9413E-05	1.01E-04	6.05E-04	6.09E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
18	1.67175	6.9413E-05	1.16E-04	6.05E-04	7.02E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
19	1.9648	6.9413E-05	1.36E-04	6.05E-04	8.25E-08	14	4.71E-02	5.45E-08	1,000,000	5.45E-02
20	2.37894	6.9413E-05	1.65E-04	6.05E-04	9.99E-08	14	4.71E-02	6.59E-08	1,000,000	6.59E-02
113	1.13117	6.9413E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
114	1.06862	6.9413E-05	7.42E-05	6.05E-04	4.49E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
115	1.0097	6.9413E-05	7.01E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
116	0.95463	6.9413E-05	6.63E-05	6.05E-04	4.01E-08	14	4.71E-02	2.65E-08	1,000,000	2.65E-02
117	1.16019	6.9413E-05	8.05E-05	6.05E-04	4.87E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
118	1.09279	6.9413E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
119	1.03002	6.9413E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
120	0.97185	6.9413E-05	6.75E-05	6.05E-04	4.08E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
121	1.18795	6.9413E-05	8.25E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
122	1.11585	6.9413E-05	7.75E-05	6.05E-04	4.69E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
123	1.04935	6.9413E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
124	0.98817	6.9413E-05	6.86E-05	6.05E-04	4.15E-08	14	4.71E-02	2.74E-08	1,000,000	2.74E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.43E-05	6.05E-04	5.10E-08	14	4.71E-02	3.37E-08	1,000,000	3.37E-02
126	1.13766	6.9413E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
127	1.06753	6.9413E-05	7.41E-05	6.05E-04	4.48E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
128	1.00341	6.9413E-05	6.96E-05	6.05E-04	4.21E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
129	1.23906	6.9413E-05	8.60E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
130	1.15803	6.9413E-05	8.04E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
131	1.0844	6.9413E-05	7.53E-05	6.05E-04	4.55E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
132	1.01744	6.9413E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
133	1.262	6.9413E-05	8.76E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
134	1.17678	6.9413E-05	8.17E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
135	1.09981	6.9413E-05	7.63E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
136	1.03013	6.9413E-05	7.15E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
137	1.28294	6.9413E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
138	1.11365	6.9413E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
139	1.04147	6.9413E-05	7.23E-05	6.05E-04	4.37E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
140	1.333	6.9413E-05	9.25E-05	6.05E-04	5.60E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02
141	1.23403	6.9413E-05	8.57E-05	6.05E-04	5.18E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
142	1.14637	6.9413E-05	7.96E-05	6.05E-04	4.81E-08	14	4.71E-02	3.18E-08	1,000,000	3.18E-02
143	1.06836	6.9413E-05	7.42E-05	6.05E-04	4.49E-08	14	4.71E-02	2.96E-08	1,000,000	2.96E-02
144	1.34568	6.9413E-05	9.34E-05	6.05E-04	5.65E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
145	1.2443	6.9413E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
146	1.15484	6.9413E-05	8.02E-05	6.05E-04	4.85E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
147	1.07546	6.9413E-05	7.47E-05	6.05E-04	4.52E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
148	1.35665	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
149	1.25327	6.9413E-05	8.70E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
150	1.1623	6.9413E-05	8.07E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
151	1.08176	6.9413E-05	7.51E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
152	1.366	6.9413E-05	9.48E-05	6.05E-04	5.74E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
153	1.26098	6.9413E-05	8.75E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
154	1.16873	6.9413E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
155	1.08717	6.9413E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
156	1.37365	6.9413E-05	9.53E-05	6.05E-04	5.77E-08	14	4.71E-02	3.81E-08	1,000,000	3.81E-02
157	1.26724	6.9413E-05	8.80E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
159	1.09145	6.9413E-05	7.58E-05	6.05E-04	4.58E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
160	1.37918	6.9413E-05	9.57E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
161	1.27165	6.9413E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
162	1.17739	6.9413E-05	8.17E-05	6.05E-04	4.94E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
163	1.10081	6.9413E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
164	1.38195	6.9413E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
165	1.27361	6.9413E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
166	1.18692	6.9413E-05	8.24E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
167	1.10298	6.9413E-05	7.66E-05	6.05E-04	4.63E-08	14	4.71E-02	3.06E-08	1,000,000	3.06E-02
168	1.38131	6.9413E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
169	1.27267	6.9413E-05	8.83E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
170	1.18546	6.9413E-05	8.23E-05	6.05E-04	4.98E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
171	1.10113	6.9413E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
172	1.37696	6.9413E-05	9.56E-05	6.05E-04	5.78E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
173	1.26863	6.9413E-05	8.81E-05	6.05E-04	5.33E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
174	1.18067	6.9413E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
175	1.09668	6.9413E-05	7.61E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
176	1.36891	6.9413E-05	9.50E-05	6.05E-04	5.75E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
177	1.26159	6.9413E-05	8.76E-05	6.05E-04	5.30E-08	14	4.71E-02	3.50E-08	1,000,000	3.50E-02
178	1.17342	6.9413E-05	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
179	1.09019	6.9413E-05	7.57E-05	6.05E-04	4.58E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
180	1.35716	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
181	1.25653	6.9413E-05	8.72E-05	6.05E-04	5.28E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
182	1.16427	6.9413E-05	8.08E-05	6.05E-04	4.89E-08	14	4.71E-02	3.23E-08	1,000,000	3.23E-02
183	1.0822	6.9413E-05	7.51E-05	6.05E-04	4.55E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
184	1.49665	6.9413E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
185	1.6216	6.9413E-05	1.13E-04	6.05E-04	6.81E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
186	1.48158	6.9413E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
187	1.36041	6.9413E-05	9.44E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
188	1.25965	6.9413E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
189	1.74874	6.9413E-05	1.21E-04	6.05E-04	7.34E-08	14	4.71E-02	4.85E-08	1,000,000	4.85E-02
190	1.59364	6.9413E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.04E-08	1,000,000	4.04E-02
192	1.34208	6.9413E-05	9.32E-05	6.05E-04	5.64E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
193	1.24509	6.9413E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
194	1.7046	6.9413E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
195	1.55782	6.9413E-05	1.08E-04	6.05E-04	6.54E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
196	1.43545	6.9413E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
197	1.3243	6.9413E-05	9.19E-05	6.05E-04	5.56E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
198	1.22579	6.9413E-05	8.51E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
199	1.65095	6.9413E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
200	1.51431	6.9413E-05	1.05E-04	6.05E-04	6.36E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
201	1.39948	6.9413E-05	9.71E-05	6.05E-04	5.88E-08	14	4.71E-02	3.88E-08	1,000,000	3.88E-02
202	1.29462	6.9413E-05	8.99E-05	6.05E-04	5.44E-08	14	4.71E-02	3.59E-08	1,000,000	3.59E-02
203	1.20222	6.9413E-05	8.34E-05	6.05E-04	5.05E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
204	2.32566	6.9413E-05	1.61E-04	6.05E-04	9.77E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
205	1.59036	6.9413E-05	1.10E-04	6.05E-04	6.68E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
206	1.46422	6.9413E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
207	1.35703	6.9413E-05	9.42E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
208	1.25887	6.9413E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
209	2.18815	6.9413E-05	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
210	1.98424	6.9413E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
211	1.80853	6.9413E-05	1.26E-04	6.05E-04	7.60E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
212	1.65697	6.9413E-05	1.15E-04	6.05E-04	6.96E-08	14	4.71E-02	4.59E-08	1,000,000	4.59E-02
213	1.52506	6.9413E-05	1.06E-04	6.05E-04	6.41E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02
214	1.41117	6.9413E-05	9.80E-05	6.05E-04	5.93E-08	14	4.71E-02	3.91E-08	1,000,000	3.91E-02
215	1.30912	6.9413E-05	9.09E-05	6.05E-04	5.50E-08	14	4.71E-02	3.63E-08	1,000,000	3.63E-02
216	2.31651	6.9413E-05	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
217	2.10288	6.9413E-05	1.46E-04	6.05E-04	8.83E-08	14	4.71E-02	5.83E-08	1,000,000	5.83E-02
218	1.91849	6.9413E-05	1.33E-04	6.05E-04	8.06E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
219	1.75869	6.9413E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
220	1.61861	6.9413E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
221	1.49595	6.9413E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
222	2.13657	6.9413E-05	1.48E-04	6.05E-04	8.97E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
223	1.95191	6.9413E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	1.24E-04	6.05E-04	7.52E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
225	1.65013	6.9413E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.57E-08	1,000,000	4.57E-02
226	1.52399	6.9413E-05	1.06E-04	6.05E-04	6.40E-08	14	4.71E-02	4.22E-08	1,000,000	4.22E-02
227	1.97295	6.9413E-05	1.37E-04	6.05E-04	8.29E-08	14	4.71E-02	5.47E-08	1,000,000	5.47E-02
228	1.81137	6.9413E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
229	1.66367	6.9413E-05	1.15E-04	6.05E-04	6.99E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
230	1.54002	6.9413E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
231	1.82377	6.9413E-05	1.27E-04	6.05E-04	7.66E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
232	1.68354	6.9413E-05	1.17E-04	6.05E-04	7.07E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
233	1.55038	6.9413E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
234	1.44072	6.9413E-05	1.00E-04	6.05E-04	6.05E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
235	1.68922	6.9413E-05	1.17E-04	6.05E-04	7.09E-08	14	4.71E-02	4.68E-08	1,000,000	4.68E-02
236	1.5669	6.9413E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
237	1.44605	6.9413E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
238	1.34942	6.9413E-05	9.37E-05	6.05E-04	5.67E-08	14	4.71E-02	3.74E-08	1,000,000	3.74E-02
239	1.56822	6.9413E-05	1.09E-04	6.05E-04	6.59E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
240	1.45086	6.9413E-05	1.01E-04	6.05E-04	6.09E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
241	1.35307	6.9413E-05	9.39E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
242	1.26616	6.9413E-05	8.79E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
243	2.7862	6.9413E-05	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
244	2.56679	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.12E-08	1,000,000	7.12E-02
245	2.36183	6.9413E-05	1.64E-04	6.05E-04	9.92E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
246	2.17392	6.9413E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
247	2.00229	6.9413E-05	1.39E-04	6.05E-04	8.41E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
248	1.85013	6.9413E-05	1.28E-04	6.05E-04	7.77E-08	14	4.71E-02	5.13E-08	1,000,000	5.13E-02
249	1.71239	6.9413E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
250	2.50001	6.9413E-05	1.74E-04	6.05E-04	1.05E-07	14	4.71E-02	6.93E-08	1,000,000	6.93E-02
251	2.31622	6.9413E-05	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
252	2.14361	6.9413E-05	1.49E-04	6.05E-04	9.00E-08	14	4.71E-02	5.94E-08	1,000,000	5.94E-02
253	1.98414	6.9413E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
254	1.8372	6.9413E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
255	1.70589	6.9413E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
256	1.58175	6.9413E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
258	2.10265	6.9413E-05	1.46E-04	6.05E-04	8.83E-08	14	4.71E-02	5.83E-08	1,000,000	5.83E-02
259	1.95555	6.9413E-05	1.36E-04	6.05E-04	8.21E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
260	1.81896	6.9413E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
261	1.69201	6.9413E-05	1.17E-04	6.05E-04	7.11E-08	14	4.71E-02	4.69E-08	1,000,000	4.69E-02
262	1.57777	6.9413E-05	1.10E-04	6.05E-04	6.63E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
263	1.46868	6.9413E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
264	2.05533	6.9413E-05	1.43E-04	6.05E-04	8.63E-08	14	4.71E-02	5.70E-08	1,000,000	5.70E-02
265	1.91993	6.9413E-05	1.33E-04	6.05E-04	8.06E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
266	1.79277	6.9413E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
267	1.67459	6.9413E-05	1.16E-04	6.05E-04	7.03E-08	14	4.71E-02	4.64E-08	1,000,000	4.64E-02
268	1.56551	6.9413E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
269	1.46484	6.9413E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
270	1.36803	6.9413E-05	9.50E-05	6.05E-04	5.75E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
271	1.87927	6.9413E-05	1.30E-04	6.05E-04	7.89E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
272	1.76187	6.9413E-05	1.22E-04	6.05E-04	7.40E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
273	1.65122	6.9413E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
274	1.54795	6.9413E-05	1.07E-04	6.05E-04	6.50E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02
275	1.45218	6.9413E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
276	1.36383	6.9413E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
277	1.27642	6.9413E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
278	8.9093	6.9413E-05	6.18E-04	6.05E-04	3.74E-07	14	4.71E-02	2.47E-07	1,000,000	2.47E-01
279	8.16494	6.9413E-05	5.67E-04	6.05E-04	3.43E-07	14	4.71E-02	2.26E-07	1,000,000	2.26E-01
280	7.03127	6.9413E-05	4.88E-04	6.05E-04	2.95E-07	14	4.71E-02	1.95E-07	1,000,000	1.95E-01
281	6.56402	6.9413E-05	4.56E-04	6.05E-04	2.76E-07	14	4.71E-02	1.82E-07	1,000,000	1.82E-01
282	6.72638	6.9413E-05	4.67E-04	6.05E-04	2.83E-07	14	4.71E-02	1.86E-07	1,000,000	1.86E-01
283	6.53649	6.9413E-05	4.54E-04	6.05E-04	2.75E-07	14	4.71E-02	1.81E-07	1,000,000	1.81E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
21	1.26068	6.9413E-05	8.75E-05	6.05E-04	5.29E-08	10	4.71E-02	2.50E-08	1,000,000	2.50E-02
22	1.43245	6.9413E-05	9.94E-05	6.05E-04	6.02E-08	10	4.71E-02	2.84E-08	1,000,000	2.84E-02
23	1.65432	6.9413E-05	1.15E-04	6.05E-04	6.95E-08	10	4.71E-02	3.28E-08	1,000,000	3.28E-02
24	1.94736	6.9413E-05	1.35E-04	6.05E-04	8.18E-08	10	4.71E-02	3.86E-08	1,000,000	3.86E-02
25	2.34205	6.9413E-05	1.63E-04	6.05E-04	9.84E-08	10	4.71E-02	4.64E-08	1,000,000	4.64E-02
26	2.32682	6.9413E-05	1.62E-04	6.05E-04	9.77E-08	10	4.71E-02	4.61E-08	1,000,000	4.61E-02
27	2.35622	6.9413E-05	1.64E-04	6.05E-04	9.90E-08	10	4.71E-02	4.67E-08	1,000,000	4.67E-02
28	2.38132	6.9413E-05	1.65E-04	6.05E-04	1.00E-07	10	4.71E-02	4.71E-08	1,000,000	4.71E-02
29	2.40158	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	10	4.71E-02	4.76E-08	1,000,000	4.76E-02
30	2.41676	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	10	4.71E-02	4.79E-08	1,000,000	4.79E-02
31	2.42676	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	10	4.71E-02	4.80E-08	1,000,000	4.80E-02
32	2.43147	6.9413E-05	1.69E-04	6.05E-04	1.02E-07	10	4.71E-02	4.81E-08	1,000,000	4.81E-02
33	2.43073	6.9413E-05	1.69E-04	6.05E-04	1.02E-07	10	4.71E-02	4.81E-08	1,000,000	4.81E-02
34	2.42427	6.9413E-05	1.68E-04	6.05E-04	1.02E-07	10	4.71E-02	4.80E-08	1,000,000	4.80E-02
35	2.41116	6.9413E-05	1.67E-04	6.05E-04	1.01E-07	10	4.71E-02	4.77E-08	1,000,000	4.77E-02
36	2.39143	6.9413E-05	1.66E-04	6.05E-04	1.00E-07	10	4.71E-02	4.73E-08	1,000,000	4.73E-02
37	2.45582	6.9413E-05	1.70E-04	6.05E-04	1.03E-07	10	4.71E-02	4.86E-08	1,000,000	4.86E-02
38	2.48753	6.9413E-05	1.73E-04	6.05E-04	1.04E-07	10	4.71E-02	4.93E-08	1,000,000	4.93E-02
39	2.5144	6.9413E-05	1.75E-04	6.05E-04	1.06E-07	10	4.71E-02	4.98E-08	1,000,000	4.98E-02
40	2.5358	6.9413E-05	1.76E-04	6.05E-04	1.07E-07	10	4.71E-02	5.02E-08	1,000,000	5.02E-02
41	2.55144	6.9413E-05	1.77E-04	6.05E-04	1.07E-07	10	4.71E-02	5.05E-08	1,000,000	5.05E-02
42	2.56118	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	10	4.71E-02	5.07E-08	1,000,000	5.07E-02
43	2.56487	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	10	4.71E-02	5.08E-08	1,000,000	5.08E-02
44	2.56224	6.9413E-05	1.78E-04	6.05E-04	1.08E-07	10	4.71E-02	5.07E-08	1,000,000	5.07E-02
45	2.55298	6.9413E-05	1.77E-04	6.05E-04	1.07E-07	10	4.71E-02	5.05E-08	1,000,000	5.05E-02
46	2.53606	6.9413E-05	1.76E-04	6.05E-04	1.07E-07	10	4.71E-02	5.02E-08	1,000,000	5.02E-02
47	2.51151	6.9413E-05	1.74E-04	6.05E-04	1.05E-07	10	4.71E-02	4.97E-08	1,000,000	4.97E-02
48	2.5969	6.9413E-05	1.80E-04	6.05E-04	1.09E-07	10	4.71E-02	5.14E-08	1,000,000	5.14E-02
49	2.63133	6.9413E-05	1.83E-04	6.05E-04	1.11E-07	10	4.71E-02	5.21E-08	1,000,000	5.21E-02
50	2.66029	6.9413E-05	1.85E-04	6.05E-04	1.12E-07	10	4.71E-02	5.27E-08	1,000,000	5.27E-02
51	2.68304	6.9413E-05	1.86E-04	6.05E-04	1.13E-07	10	4.71E-02	5.31E-08	1,000,000	5.31E-02
52	2.6992	6.9413E-05	1.87E-04	6.05E-04	1.13E-07	10	4.71E-02	5.34E-08	1,000,000	5.34E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	10	4.71E-02	5.36E-08	1,000,000	5.36E-02
54	2.71093	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	10	4.71E-02	5.37E-08	1,000,000	5.37E-02
55	2.70592	6.9413E-05	1.88E-04	6.05E-04	1.14E-07	10	4.71E-02	5.36E-08	1,000,000	5.36E-02
56	2.69313	6.9413E-05	1.87E-04	6.05E-04	1.13E-07	10	4.71E-02	5.33E-08	1,000,000	5.33E-02
57	2.67144	6.9413E-05	1.85E-04	6.05E-04	1.12E-07	10	4.71E-02	5.29E-08	1,000,000	5.29E-02
58	2.64092	6.9413E-05	1.83E-04	6.05E-04	1.11E-07	10	4.71E-02	5.23E-08	1,000,000	5.23E-02
59	2.75184	6.9413E-05	1.91E-04	6.05E-04	1.16E-07	10	4.71E-02	5.45E-08	1,000,000	5.45E-02
60	2.78953	6.9413E-05	1.94E-04	6.05E-04	1.17E-07	10	4.71E-02	5.52E-08	1,000,000	5.52E-02
61	2.821	6.9413E-05	1.96E-04	6.05E-04	1.18E-07	10	4.71E-02	5.59E-08	1,000,000	5.59E-02
62	2.84535	6.9413E-05	1.98E-04	6.05E-04	1.20E-07	10	4.71E-02	5.63E-08	1,000,000	5.63E-02
63	2.86211	6.9413E-05	1.99E-04	6.05E-04	1.20E-07	10	4.71E-02	5.67E-08	1,000,000	5.67E-02
64	2.87096	6.9413E-05	1.99E-04	6.05E-04	1.21E-07	10	4.71E-02	5.68E-08	1,000,000	5.68E-02
65	2.87158	6.9413E-05	1.99E-04	6.05E-04	1.21E-07	10	4.71E-02	5.69E-08	1,000,000	5.69E-02
66	2.86348	6.9413E-05	1.99E-04	6.05E-04	1.20E-07	10	4.71E-02	5.67E-08	1,000,000	5.67E-02
67	2.84616	6.9413E-05	1.98E-04	6.05E-04	1.20E-07	10	4.71E-02	5.64E-08	1,000,000	5.64E-02
68	2.81843	6.9413E-05	1.96E-04	6.05E-04	1.18E-07	10	4.71E-02	5.58E-08	1,000,000	5.58E-02
69	2.78046	6.9413E-05	1.93E-04	6.05E-04	1.17E-07	10	4.71E-02	5.51E-08	1,000,000	5.51E-02
70	2.92281	6.9413E-05	2.03E-04	6.05E-04	1.23E-07	10	4.71E-02	5.79E-08	1,000,000	5.79E-02
71	2.96447	6.9413E-05	2.06E-04	6.05E-04	1.25E-07	10	4.71E-02	5.87E-08	1,000,000	5.87E-02
72	2.99901	6.9413E-05	2.08E-04	6.05E-04	1.26E-07	10	4.71E-02	5.94E-08	1,000,000	5.94E-02
73	3.0253	6.9413E-05	2.10E-04	6.05E-04	1.27E-07	10	4.71E-02	5.99E-08	1,000,000	5.99E-02
74	3.04271	6.9413E-05	2.11E-04	6.05E-04	1.28E-07	10	4.71E-02	6.02E-08	1,000,000	6.02E-02
75	3.05081	6.9413E-05	2.12E-04	6.05E-04	1.28E-07	10	4.71E-02	6.04E-08	1,000,000	6.04E-02
76	3.04909	6.9413E-05	2.12E-04	6.05E-04	1.28E-07	10	4.71E-02	6.04E-08	1,000,000	6.04E-02
77	3.03693	6.9413E-05	2.11E-04	6.05E-04	1.28E-07	10	4.71E-02	6.01E-08	1,000,000	6.01E-02
78	3.01374	6.9413E-05	2.09E-04	6.05E-04	1.27E-07	10	4.71E-02	5.97E-08	1,000,000	5.97E-02
79	2.97828	6.9413E-05	2.07E-04	6.05E-04	1.25E-07	10	4.71E-02	5.90E-08	1,000,000	5.90E-02
80	2.93092	6.9413E-05	2.03E-04	6.05E-04	1.23E-07	10	4.71E-02	5.80E-08	1,000,000	5.80E-02
81	3.11252	6.9413E-05	2.16E-04	6.05E-04	1.31E-07	10	4.71E-02	6.16E-08	1,000,000	6.16E-02
82	3.15909	6.9413E-05	2.19E-04	6.05E-04	1.33E-07	10	4.71E-02	6.25E-08	1,000,000	6.25E-02
83	3.19742	6.9413E-05	2.22E-04	6.05E-04	1.34E-07	10	4.71E-02	6.33E-08	1,000,000	6.33E-02
84	3.22607	6.9413E-05	2.24E-04	6.05E-04	1.35E-07	10	4.71E-02	6.39E-08	1,000,000	6.39E-02
85	3.24419	6.9413E-05	2.25E-04	6.05E-04	1.36E-07	10	4.71E-02	6.42E-08	1,000,000	6.42E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	2.26E-04	6.05E-04	1.37E-07	10	4.71E-02	6.44E-08	1,000,000	6.44E-02
87	3.24623	6.9413E-05	2.25E-04	6.05E-04	1.36E-07	10	4.71E-02	6.43E-08	1,000,000	6.43E-02
88	3.22863	6.9413E-05	2.24E-04	6.05E-04	1.36E-07	10	4.71E-02	6.39E-08	1,000,000	6.39E-02
89	3.19768	6.9413E-05	2.22E-04	6.05E-04	1.34E-07	10	4.71E-02	6.33E-08	1,000,000	6.33E-02
90	3.15225	6.9413E-05	2.19E-04	6.05E-04	1.32E-07	10	4.71E-02	6.24E-08	1,000,000	6.24E-02
91	3.09304	6.9413E-05	2.15E-04	6.05E-04	1.30E-07	10	4.71E-02	6.12E-08	1,000,000	6.12E-02
92	3.32437	6.9413E-05	2.31E-04	6.05E-04	1.40E-07	10	4.71E-02	6.58E-08	1,000,000	6.58E-02
93	3.37711	6.9413E-05	2.34E-04	6.05E-04	1.42E-07	10	4.71E-02	6.69E-08	1,000,000	6.69E-02
94	3.42019	6.9413E-05	2.37E-04	6.05E-04	1.44E-07	10	4.71E-02	6.77E-08	1,000,000	6.77E-02
95	3.45173	6.9413E-05	2.40E-04	6.05E-04	1.45E-07	10	4.71E-02	6.83E-08	1,000,000	6.83E-02
96	3.47056	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	10	4.71E-02	6.87E-08	1,000,000	6.87E-02
97	3.47576	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	10	4.71E-02	6.88E-08	1,000,000	6.88E-02
98	3.46633	6.9413E-05	2.41E-04	6.05E-04	1.46E-07	10	4.71E-02	6.86E-08	1,000,000	6.86E-02
99	3.44127	6.9413E-05	2.39E-04	6.05E-04	1.45E-07	10	4.71E-02	6.81E-08	1,000,000	6.81E-02
100	3.39997	6.9413E-05	2.36E-04	6.05E-04	1.43E-07	10	4.71E-02	6.73E-08	1,000,000	6.73E-02
101	3.34156	6.9413E-05	2.32E-04	6.05E-04	1.40E-07	10	4.71E-02	6.62E-08	1,000,000	6.62E-02
102	3.26735	6.9413E-05	2.27E-04	6.05E-04	1.37E-07	10	4.71E-02	6.47E-08	1,000,000	6.47E-02
103	3.65466	6.9413E-05	2.54E-04	6.05E-04	1.53E-07	10	4.71E-02	7.24E-08	1,000,000	7.24E-02
104	3.67706	6.9413E-05	2.55E-04	6.05E-04	1.54E-07	10	4.71E-02	7.28E-08	1,000,000	7.28E-02
105	3.70319	6.9413E-05	2.57E-04	6.05E-04	1.56E-07	10	4.71E-02	7.33E-08	1,000,000	7.33E-02
106	3.68471	6.9413E-05	2.56E-04	6.05E-04	1.55E-07	10	4.71E-02	7.30E-08	1,000,000	7.30E-02
107	3.67793	6.9413E-05	2.55E-04	6.05E-04	1.54E-07	10	4.71E-02	7.28E-08	1,000,000	7.28E-02
108	3.62267	6.9413E-05	2.51E-04	6.05E-04	1.52E-07	10	4.71E-02	7.17E-08	1,000,000	7.17E-02
109	3.54731	6.9413E-05	2.46E-04	6.05E-04	1.49E-07	10	4.71E-02	7.02E-08	1,000,000	7.02E-02
110	3.45415	6.9413E-05	2.40E-04	6.05E-04	1.45E-07	10	4.71E-02	6.84E-08	1,000,000	6.84E-02
111	3.62006	6.9413E-05	2.51E-04	6.05E-04	1.52E-07	10	4.71E-02	7.17E-08	1,000,000	7.17E-02
112	3.56902	6.9413E-05	2.48E-04	6.05E-04	1.50E-07	10	4.71E-02	7.07E-08	1,000,000	7.07E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	1.33726	6.94E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1000000.0	3.7E-03
2	1.51929	6.9413E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
3	1.75475	6.9413E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03
4	2.06114	6.9413E-05	1.43E-04	2.50E-04	3.58E-08	14	1.15E-02	5.75E-09	1,000,000	5.75E-03
5	2.48307	6.9413E-05	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
6	1.31947	6.9413E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
7	1.49666	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
8	1.72383	6.9413E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
9	2.02801	6.9413E-05	1.41E-04	2.50E-04	3.52E-08	14	1.15E-02	5.66E-09	1,000,000	5.66E-03
10	2.44124	6.9413E-05	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
11	1.29745	6.9413E-05	9.01E-05	2.50E-04	2.25E-08	14	1.15E-02	3.62E-09	1,000,000	3.62E-03
12	1.47116	6.9413E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
13	1.69509	6.9413E-05	1.18E-04	2.50E-04	2.94E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
14	1.99763	6.9413E-05	1.39E-04	2.50E-04	3.47E-08	14	1.15E-02	5.57E-09	1,000,000	5.57E-03
15	2.40824	6.9413E-05	1.67E-04	2.50E-04	4.18E-08	14	1.15E-02	6.72E-09	1,000,000	6.72E-03
16	1.27698	6.9413E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
17	1.45002	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
18	1.67175	6.9413E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
19	1.9648	6.9413E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.48E-09	1,000,000	5.48E-03
20	2.37894	6.9413E-05	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
113	1.13117	6.9413E-05	7.85E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
114	1.06862	6.9413E-05	7.42E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
115	1.0097	6.9413E-05	7.01E-05	2.50E-04	1.75E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
116	0.95463	6.9413E-05	6.63E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
117	1.16019	6.9413E-05	8.05E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
118	1.09279	6.9413E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
119	1.03002	6.9413E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
120	0.97185	6.9413E-05	6.75E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
121	1.18795	6.9413E-05	8.25E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
122	1.11585	6.9413E-05	7.75E-05	2.50E-04	1.94E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
123	1.04935	6.9413E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
124	0.98817	6.9413E-05	6.86E-05	2.50E-04	1.72E-08	14	1.15E-02	2.76E-09	1,000,000	2.76E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
125	1.2143	6.9413E-05	8.43E-05	2.50E-04	2.11E-08	14	1.15E-02	3.39E-09	1,000,000	3.39E-03
126	1.13766	6.9413E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
127	1.06753	6.9413E-05	7.41E-05	2.50E-04	1.85E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
128	1.00341	6.9413E-05	6.96E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
129	1.23906	6.9413E-05	8.60E-05	2.50E-04	2.15E-08	14	1.15E-02	3.46E-09	1,000,000	3.46E-03
130	1.15803	6.9413E-05	8.04E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
131	1.0844	6.9413E-05	7.53E-05	2.50E-04	1.88E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
132	1.01744	6.9413E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
133	1.262	6.9413E-05	8.76E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
134	1.17678	6.9413E-05	8.17E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
135	1.09981	6.9413E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
136	1.03013	6.9413E-05	7.15E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
137	1.28294	6.9413E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
138	1.11365	6.9413E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
139	1.04147	6.9413E-05	7.23E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
140	1.333	6.9413E-05	9.25E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
141	1.23403	6.9413E-05	8.57E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
142	1.14637	6.9413E-05	7.96E-05	2.50E-04	1.99E-08	14	1.15E-02	3.20E-09	1,000,000	3.20E-03
143	1.06836	6.9413E-05	7.42E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
144	1.34568	6.9413E-05	9.34E-05	2.50E-04	2.34E-08	14	1.15E-02	3.75E-09	1,000,000	3.75E-03
145	1.2443	6.9413E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
146	1.15484	6.9413E-05	8.02E-05	2.50E-04	2.01E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
147	1.07546	6.9413E-05	7.47E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
148	1.35665	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
149	1.25327	6.9413E-05	8.70E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
150	1.1623	6.9413E-05	8.07E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
151	1.08176	6.9413E-05	7.51E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
152	1.366	6.9413E-05	9.48E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
153	1.26098	6.9413E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
154	1.16873	6.9413E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
155	1.08717	6.9413E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
156	1.37365	6.9413E-05	9.53E-05	2.50E-04	2.39E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
157	1.26724	6.9413E-05	8.80E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
158	1.1739	6.9413E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
159	1.09145	6.9413E-05	7.58E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
160	1.37918	6.9413E-05	9.57E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
161	1.27165	6.9413E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
162	1.17739	6.9413E-05	8.17E-05	2.50E-04	2.05E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
163	1.10081	6.9413E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
164	1.38195	6.9413E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
165	1.27361	6.9413E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
166	1.18692	6.9413E-05	8.24E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
167	1.10298	6.9413E-05	7.66E-05	2.50E-04	1.92E-08	14	1.15E-02	3.08E-09	1,000,000	3.08E-03
168	1.38131	6.9413E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
169	1.27267	6.9413E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
170	1.18546	6.9413E-05	8.23E-05	2.50E-04	2.06E-08	14	1.15E-02	3.31E-09	1,000,000	3.31E-03
171	1.10113	6.9413E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
172	1.37696	6.9413E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
173	1.26863	6.9413E-05	8.81E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
174	1.18067	6.9413E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
175	1.09668	6.9413E-05	7.61E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
176	1.36891	6.9413E-05	9.50E-05	2.50E-04	2.38E-08	14	1.15E-02	3.82E-09	1,000,000	3.82E-03
177	1.26159	6.9413E-05	8.76E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
178	1.17342	6.9413E-05	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
179	1.09019	6.9413E-05	7.57E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
180	1.35716	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
181	1.25653	6.9413E-05	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
182	1.16427	6.9413E-05	8.08E-05	2.50E-04	2.02E-08	14	1.15E-02	3.25E-09	1,000,000	3.25E-03
183	1.0822	6.9413E-05	7.51E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
184	1.49665	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
185	1.6216	6.9413E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
186	1.48158	6.9413E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
187	1.36041	6.9413E-05	9.44E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
188	1.25965	6.9413E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
189	1.74874	6.9413E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03
190	1.59364	6.9413E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
191	1.4591	6.9413E-05	1.01E-04	2.50E-04	2.53E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
192	1.34208	6.9413E-05	9.32E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
193	1.24509	6.9413E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
194	1.7046	6.9413E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
195	1.55782	6.9413E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
196	1.43545	6.9413E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
197	1.3243	6.9413E-05	9.19E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
198	1.22579	6.9413E-05	8.51E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
199	1.65095	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
200	1.51431	6.9413E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
201	1.39948	6.9413E-05	9.71E-05	2.50E-04	2.43E-08	14	1.15E-02	3.90E-09	1,000,000	3.90E-03
202	1.29462	6.9413E-05	8.99E-05	2.50E-04	2.25E-08	14	1.15E-02	3.61E-09	1,000,000	3.61E-03
203	1.20222	6.9413E-05	8.34E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
204	2.32566	6.9413E-05	1.61E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
205	1.59036	6.9413E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
206	1.46422	6.9413E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
207	1.35703	6.9413E-05	9.42E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
208	1.25887	6.9413E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
209	2.18815	6.9413E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
210	1.98424	6.9413E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
211	1.80853	6.9413E-05	1.26E-04	2.50E-04	3.14E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
212	1.65697	6.9413E-05	1.15E-04	2.50E-04	2.88E-08	14	1.15E-02	4.62E-09	1,000,000	4.62E-03
213	1.52506	6.9413E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
214	1.41117	6.9413E-05	9.80E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
215	1.30912	6.9413E-05	9.09E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
216	2.31651	6.9413E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.46E-09	1,000,000	6.46E-03
217	2.10288	6.9413E-05	1.46E-04	2.50E-04	3.65E-08	14	1.15E-02	5.87E-09	1,000,000	5.87E-03
218	1.91849	6.9413E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
219	1.75869	6.9413E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
220	1.61861	6.9413E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
221	1.49595	6.9413E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
222	2.13657	6.9413E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.96E-09	1,000,000	5.96E-03
223	1.95191	6.9413E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
224	1.79069	6.9413E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
225	1.65013	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.60E-09	1,000,000	4.60E-03
226	1.52399	6.9413E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
227	1.97295	6.9413E-05	1.37E-04	2.50E-04	3.43E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
228	1.81137	6.9413E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.05E-09	1,000,000	5.05E-03
229	1.66367	6.9413E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
230	1.54002	6.9413E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
231	1.82377	6.9413E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.09E-09	1,000,000	5.09E-03
232	1.68354	6.9413E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
233	1.55038	6.9413E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
234	1.44072	6.9413E-05	1.00E-04	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
235	1.68922	6.9413E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.71E-09	1,000,000	4.71E-03
236	1.5669	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
237	1.44605	6.9413E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
238	1.34942	6.9413E-05	9.37E-05	2.50E-04	2.34E-08	14	1.15E-02	3.76E-09	1,000,000	3.76E-03
239	1.56822	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.38E-09	1,000,000	4.38E-03
240	1.45086	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
241	1.35307	6.9413E-05	9.39E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
242	1.26616	6.9413E-05	8.79E-05	2.50E-04	2.20E-08	14	1.15E-02	3.53E-09	1,000,000	3.53E-03
243	2.7862	6.9413E-05	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
244	2.56679	6.9413E-05	1.78E-04	2.50E-04	4.46E-08	14	1.15E-02	7.16E-09	1,000,000	7.16E-03
245	2.36183	6.9413E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
246	2.17392	6.9413E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
247	2.00229	6.9413E-05	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.59E-09	1,000,000	5.59E-03
248	1.85013	6.9413E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.16E-09	1,000,000	5.16E-03
249	1.71239	6.9413E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
250	2.50001	6.9413E-05	1.74E-04	2.50E-04	4.34E-08	14	1.15E-02	6.97E-09	1,000,000	6.97E-03
251	2.31622	6.9413E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.46E-09	1,000,000	6.46E-03
252	2.14361	6.9413E-05	1.49E-04	2.50E-04	3.72E-08	14	1.15E-02	5.98E-09	1,000,000	5.98E-03
253	1.98414	6.9413E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
254	1.8372	6.9413E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
255	1.70589	6.9413E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
256	1.58175	6.9413E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
257	2.25867	6.9413E-05	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
258	2.10265	6.9413E-05	1.46E-04	2.50E-04	3.65E-08	14	1.15E-02	5.87E-09	1,000,000	5.87E-03
259	1.95555	6.9413E-05	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.46E-09	1,000,000	5.46E-03
260	1.81896	6.9413E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
261	1.69201	6.9413E-05	1.17E-04	2.50E-04	2.94E-08	14	1.15E-02	4.72E-09	1,000,000	4.72E-03
262	1.57777	6.9413E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
263	1.46868	6.9413E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
264	2.05533	6.9413E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
265	1.91993	6.9413E-05	1.33E-04	2.50E-04	3.34E-08	14	1.15E-02	5.36E-09	1,000,000	5.36E-03
266	1.79277	6.9413E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
267	1.67459	6.9413E-05	1.16E-04	2.50E-04	2.91E-08	14	1.15E-02	4.67E-09	1,000,000	4.67E-03
268	1.56551	6.9413E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
269	1.46484	6.9413E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
270	1.36803	6.9413E-05	9.50E-05	2.50E-04	2.38E-08	14	1.15E-02	3.82E-09	1,000,000	3.82E-03
271	1.87927	6.9413E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
272	1.76187	6.9413E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.92E-09	1,000,000	4.92E-03
273	1.65122	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
274	1.54795	6.9413E-05	1.07E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03
275	1.45218	6.9413E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
276	1.36383	6.9413E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
277	1.27642	6.9413E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
278	8.9093	6.9413E-05	6.18E-04	2.50E-04	1.55E-07	14	1.15E-02	2.49E-08	1,000,000	2.49E-02
279	8.16494	6.9413E-05	5.67E-04	2.50E-04	1.42E-07	14	1.15E-02	2.28E-08	1,000,000	2.28E-02
280	7.03127	6.9413E-05	4.88E-04	2.50E-04	1.22E-07	14	1.15E-02	1.96E-08	1,000,000	1.96E-02
281	6.56402	6.9413E-05	4.56E-04	2.50E-04	1.14E-07	14	1.15E-02	1.83E-08	1,000,000	1.83E-02
282	6.72638	6.9413E-05	4.67E-04	2.50E-04	1.17E-07	14	1.15E-02	1.88E-08	1,000,000	1.88E-02
283	6.53649	6.9413E-05	4.54E-04	2.50E-04	1.14E-07	14	1.15E-02	1.82E-08	1,000,000	1.82E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
21	1.26068	6.9413E-05	8.75E-05	2.50E-04	2.19E-08	30	1.15E-02	7.54E-09	1,000,000	7.54E-03
22	1.43245	6.9413E-05	9.94E-05	2.50E-04	2.49E-08	30	1.15E-02	8.56E-09	1,000,000	8.56E-03
23	1.65432	6.9413E-05	1.15E-04	2.50E-04	2.87E-08	30	1.15E-02	9.89E-09	1,000,000	9.89E-03
24	1.94736	6.9413E-05	1.35E-04	2.50E-04	3.38E-08	30	1.15E-02	1.16E-08	1,000,000	1.16E-02
25	2.34205	6.9413E-05	1.63E-04	2.50E-04	4.07E-08	30	1.15E-02	1.40E-08	1,000,000	1.40E-02
26	2.32682	6.9413E-05	1.62E-04	2.50E-04	4.04E-08	30	1.15E-02	1.39E-08	1,000,000	1.39E-02
27	2.35622	6.9413E-05	1.64E-04	2.50E-04	4.09E-08	30	1.15E-02	1.41E-08	1,000,000	1.41E-02
28	2.38132	6.9413E-05	1.65E-04	2.50E-04	4.14E-08	30	1.15E-02	1.42E-08	1,000,000	1.42E-02
29	2.40158	6.9413E-05	1.67E-04	2.50E-04	4.17E-08	30	1.15E-02	1.44E-08	1,000,000	1.44E-02
30	2.41676	6.9413E-05	1.68E-04	2.50E-04	4.20E-08	30	1.15E-02	1.44E-08	1,000,000	1.44E-02
31	2.42676	6.9413E-05	1.68E-04	2.50E-04	4.22E-08	30	1.15E-02	1.45E-08	1,000,000	1.45E-02
32	2.43147	6.9413E-05	1.69E-04	2.50E-04	4.22E-08	30	1.15E-02	1.45E-08	1,000,000	1.45E-02
33	2.43073	6.9413E-05	1.69E-04	2.50E-04	4.22E-08	30	1.15E-02	1.45E-08	1,000,000	1.45E-02
34	2.42427	6.9413E-05	1.68E-04	2.50E-04	4.21E-08	30	1.15E-02	1.45E-08	1,000,000	1.45E-02
35	2.41116	6.9413E-05	1.67E-04	2.50E-04	4.19E-08	30	1.15E-02	1.44E-08	1,000,000	1.44E-02
36	2.39143	6.9413E-05	1.66E-04	2.50E-04	4.15E-08	30	1.15E-02	1.43E-08	1,000,000	1.43E-02
37	2.45582	6.9413E-05	1.70E-04	2.50E-04	4.27E-08	30	1.15E-02	1.47E-08	1,000,000	1.47E-02
38	2.48753	6.9413E-05	1.73E-04	2.50E-04	4.32E-08	30	1.15E-02	1.49E-08	1,000,000	1.49E-02
39	2.5144	6.9413E-05	1.75E-04	2.50E-04	4.37E-08	30	1.15E-02	1.50E-08	1,000,000	1.50E-02
40	2.5358	6.9413E-05	1.76E-04	2.50E-04	4.41E-08	30	1.15E-02	1.52E-08	1,000,000	1.52E-02
41	2.55144	6.9413E-05	1.77E-04	2.50E-04	4.43E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
42	2.56118	6.9413E-05	1.78E-04	2.50E-04	4.45E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
43	2.56487	6.9413E-05	1.78E-04	2.50E-04	4.46E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
44	2.56224	6.9413E-05	1.78E-04	2.50E-04	4.45E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
45	2.55298	6.9413E-05	1.77E-04	2.50E-04	4.44E-08	30	1.15E-02	1.53E-08	1,000,000	1.53E-02
46	2.53606	6.9413E-05	1.76E-04	2.50E-04	4.41E-08	30	1.15E-02	1.52E-08	1,000,000	1.52E-02
47	2.51151	6.9413E-05	1.74E-04	2.50E-04	4.36E-08	30	1.15E-02	1.50E-08	1,000,000	1.50E-02
48	2.5969	6.9413E-05	1.80E-04	2.50E-04	4.51E-08	30	1.15E-02	1.55E-08	1,000,000	1.55E-02
49	2.63133	6.9413E-05	1.83E-04	2.50E-04	4.57E-08	30	1.15E-02	1.57E-08	1,000,000	1.57E-02
50	2.66029	6.9413E-05	1.85E-04	2.50E-04	4.62E-08	30	1.15E-02	1.59E-08	1,000,000	1.59E-02
51	2.68304	6.9413E-05	1.86E-04	2.50E-04	4.66E-08	30	1.15E-02	1.60E-08	1,000,000	1.60E-02
52	2.6992	6.9413E-05	1.87E-04	2.50E-04	4.69E-08	30	1.15E-02	1.61E-08	1,000,000	1.61E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
53	2.70858	6.9413E-05	1.88E-04	2.50E-04	4.71E-08	30	1.15E-02	1.62E-08	1,000,000	1.62E-02
54	2.71093	6.9413E-05	1.88E-04	2.50E-04	4.71E-08	30	1.15E-02	1.62E-08	1,000,000	1.62E-02
55	2.70592	6.9413E-05	1.88E-04	2.50E-04	4.70E-08	30	1.15E-02	1.62E-08	1,000,000	1.62E-02
56	2.69313	6.9413E-05	1.87E-04	2.50E-04	4.68E-08	30	1.15E-02	1.61E-08	1,000,000	1.61E-02
57	2.67144	6.9413E-05	1.85E-04	2.50E-04	4.64E-08	30	1.15E-02	1.60E-08	1,000,000	1.60E-02
58	2.64092	6.9413E-05	1.83E-04	2.50E-04	4.59E-08	30	1.15E-02	1.58E-08	1,000,000	1.58E-02
59	2.75184	6.9413E-05	1.91E-04	2.50E-04	4.78E-08	30	1.15E-02	1.65E-08	1,000,000	1.65E-02
60	2.78953	6.9413E-05	1.94E-04	2.50E-04	4.85E-08	30	1.15E-02	1.67E-08	1,000,000	1.67E-02
61	2.821	6.9413E-05	1.96E-04	2.50E-04	4.90E-08	30	1.15E-02	1.69E-08	1,000,000	1.69E-02
62	2.84535	6.9413E-05	1.98E-04	2.50E-04	4.94E-08	30	1.15E-02	1.70E-08	1,000,000	1.70E-02
63	2.86211	6.9413E-05	1.99E-04	2.50E-04	4.97E-08	30	1.15E-02	1.71E-08	1,000,000	1.71E-02
64	2.87096	6.9413E-05	1.99E-04	2.50E-04	4.99E-08	30	1.15E-02	1.72E-08	1,000,000	1.72E-02
65	2.87158	6.9413E-05	1.99E-04	2.50E-04	4.99E-08	30	1.15E-02	1.72E-08	1,000,000	1.72E-02
66	2.86348	6.9413E-05	1.99E-04	2.50E-04	4.97E-08	30	1.15E-02	1.71E-08	1,000,000	1.71E-02
67	2.84616	6.9413E-05	1.98E-04	2.50E-04	4.94E-08	30	1.15E-02	1.70E-08	1,000,000	1.70E-02
68	2.81843	6.9413E-05	1.96E-04	2.50E-04	4.90E-08	30	1.15E-02	1.69E-08	1,000,000	1.69E-02
69	2.78046	6.9413E-05	1.93E-04	2.50E-04	4.83E-08	30	1.15E-02	1.66E-08	1,000,000	1.66E-02
70	2.92281	6.9413E-05	2.03E-04	2.50E-04	5.08E-08	30	1.15E-02	1.75E-08	1,000,000	1.75E-02
71	2.96447	6.9413E-05	2.06E-04	2.50E-04	5.15E-08	30	1.15E-02	1.77E-08	1,000,000	1.77E-02
72	2.99901	6.9413E-05	2.08E-04	2.50E-04	5.21E-08	30	1.15E-02	1.79E-08	1,000,000	1.79E-02
73	3.0253	6.9413E-05	2.10E-04	2.50E-04	5.26E-08	30	1.15E-02	1.81E-08	1,000,000	1.81E-02
74	3.04271	6.9413E-05	2.11E-04	2.50E-04	5.29E-08	30	1.15E-02	1.82E-08	1,000,000	1.82E-02
75	3.05081	6.9413E-05	2.12E-04	2.50E-04	5.30E-08	30	1.15E-02	1.82E-08	1,000,000	1.82E-02
76	3.04909	6.9413E-05	2.12E-04	2.50E-04	5.30E-08	30	1.15E-02	1.82E-08	1,000,000	1.82E-02
77	3.03693	6.9413E-05	2.11E-04	2.50E-04	5.28E-08	30	1.15E-02	1.82E-08	1,000,000	1.82E-02
78	3.01374	6.9413E-05	2.09E-04	2.50E-04	5.24E-08	30	1.15E-02	1.80E-08	1,000,000	1.80E-02
79	2.97828	6.9413E-05	2.07E-04	2.50E-04	5.17E-08	30	1.15E-02	1.78E-08	1,000,000	1.78E-02
80	2.93092	6.9413E-05	2.03E-04	2.50E-04	5.09E-08	30	1.15E-02	1.75E-08	1,000,000	1.75E-02
81	3.11252	6.9413E-05	2.16E-04	2.50E-04	5.41E-08	30	1.15E-02	1.86E-08	1,000,000	1.86E-02
82	3.15909	6.9413E-05	2.19E-04	2.50E-04	5.49E-08	30	1.15E-02	1.89E-08	1,000,000	1.89E-02
83	3.19742	6.9413E-05	2.22E-04	2.50E-04	5.55E-08	30	1.15E-02	1.91E-08	1,000,000	1.91E-02
84	3.22607	6.9413E-05	2.24E-04	2.50E-04	5.60E-08	30	1.15E-02	1.93E-08	1,000,000	1.93E-02
85	3.24419	6.9413E-05	2.25E-04	2.50E-04	5.64E-08	30	1.15E-02	1.94E-08	1,000,000	1.94E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Cancer Risk From Haul2B - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
86	3.25115	6.9413E-05	2.26E-04	2.50E-04	5.65E-08	30	1.15E-02	1.94E-08	1,000,000	1.94E-02
87	3.24623	6.9413E-05	2.25E-04	2.50E-04	5.64E-08	30	1.15E-02	1.94E-08	1,000,000	1.94E-02
88	3.22863	6.9413E-05	2.24E-04	2.50E-04	5.61E-08	30	1.15E-02	1.93E-08	1,000,000	1.93E-02
89	3.19768	6.9413E-05	2.22E-04	2.50E-04	5.56E-08	30	1.15E-02	1.91E-08	1,000,000	1.91E-02
90	3.15225	6.9413E-05	2.19E-04	2.50E-04	5.48E-08	30	1.15E-02	1.88E-08	1,000,000	1.88E-02
91	3.09304	6.9413E-05	2.15E-04	2.50E-04	5.37E-08	30	1.15E-02	1.85E-08	1,000,000	1.85E-02
92	3.32437	6.9413E-05	2.31E-04	2.50E-04	5.78E-08	30	1.15E-02	1.99E-08	1,000,000	1.99E-02
93	3.37711	6.9413E-05	2.34E-04	2.50E-04	5.87E-08	30	1.15E-02	2.02E-08	1,000,000	2.02E-02
94	3.42019	6.9413E-05	2.37E-04	2.50E-04	5.94E-08	30	1.15E-02	2.04E-08	1,000,000	2.04E-02
95	3.45173	6.9413E-05	2.40E-04	2.50E-04	6.00E-08	30	1.15E-02	2.06E-08	1,000,000	2.06E-02
96	3.47056	6.9413E-05	2.41E-04	2.50E-04	6.03E-08	30	1.15E-02	2.07E-08	1,000,000	2.07E-02
97	3.47576	6.9413E-05	2.41E-04	2.50E-04	6.04E-08	30	1.15E-02	2.08E-08	1,000,000	2.08E-02
98	3.46633	6.9413E-05	2.41E-04	2.50E-04	6.02E-08	30	1.15E-02	2.07E-08	1,000,000	2.07E-02
99	3.44127	6.9413E-05	2.39E-04	2.50E-04	5.98E-08	30	1.15E-02	2.06E-08	1,000,000	2.06E-02
100	3.39997	6.9413E-05	2.36E-04	2.50E-04	5.91E-08	30	1.15E-02	2.03E-08	1,000,000	2.03E-02
101	3.34156	6.9413E-05	2.32E-04	2.50E-04	5.81E-08	30	1.15E-02	2.00E-08	1,000,000	2.00E-02
102	3.26735	6.9413E-05	2.27E-04	2.50E-04	5.68E-08	30	1.15E-02	1.95E-08	1,000,000	1.95E-02
103	3.65466	6.9413E-05	2.54E-04	2.50E-04	6.35E-08	30	1.15E-02	2.18E-08	1,000,000	2.18E-02
104	3.67706	6.9413E-05	2.55E-04	2.50E-04	6.39E-08	30	1.15E-02	2.20E-08	1,000,000	2.20E-02
105	3.70319	6.9413E-05	2.57E-04	2.50E-04	6.43E-08	30	1.15E-02	2.21E-08	1,000,000	2.21E-02
106	3.68471	6.9413E-05	2.56E-04	2.50E-04	6.40E-08	30	1.15E-02	2.20E-08	1,000,000	2.20E-02
107	3.67793	6.9413E-05	2.55E-04	2.50E-04	6.39E-08	30	1.15E-02	2.20E-08	1,000,000	2.20E-02
108	3.62267	6.9413E-05	2.51E-04	2.50E-04	6.29E-08	30	1.15E-02	2.17E-08	1,000,000	2.17E-02
109	3.54731	6.9413E-05	2.46E-04	2.50E-04	6.16E-08	30	1.15E-02	2.12E-08	1,000,000	2.12E-02
110	3.45415	6.9413E-05	2.40E-04	2.50E-04	6.00E-08	30	1.15E-02	2.07E-08	1,000,000	2.07E-02
111	3.62006	6.9413E-05	2.51E-04	2.50E-04	6.29E-08	30	1.15E-02	2.16E-08	1,000,000	2.16E-02
112	3.56902	6.9413E-05	2.48E-04	2.50E-04	6.20E-08	30	1.15E-02	2.13E-08	1,000,000	2.13E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

Receptor #	Max. Risk				*Chronic Non Cancer Risk*				
	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	6.3E-02	School	0.0733	105	5	5.57E-05	0.00015	105	School
2	7.1E-02	Res	0.4191	278	5	6.33E-05	0.0004	278	Res
3	8.3E-02	Teachers	0.022	105	5	7.31E-05	0.00015	105	Teachers
4	9.7E-02				5	8.58E-05			
5	1.2E-01				5	1.03E-04			
6	6.2E-02				5	5.50E-05			
7	7.0E-02				5	6.23E-05			
8	8.1E-02				5	7.18E-05			
9	9.5E-02				5	8.45E-05			
10	1.1E-01				5	1.02E-04			
11	6.1E-02				5	5.40E-05			
12	6.9E-02				5	6.13E-05			
13	8.0E-02				5	7.06E-05			
14	9.4E-02				5	8.32E-05			
15	1.1E-01				5	1.00E-04			
16	6.0E-02				5	5.32E-05			
17	6.8E-02				5	6.04E-05			
18	7.9E-02				5	6.96E-05			
19	9.2E-02				5	8.18E-05			
20	1.1E-01				5	9.91E-05			
113	5.3E-02				5	4.71E-05			
114	5.0E-02				5	4.45E-05			
115	4.7E-02				5	4.21E-05			
116	4.5E-02				5	3.98E-05			
117	5.5E-02				5	4.83E-05			
118	5.1E-02				5	4.55E-05			
119	4.8E-02				5	4.29E-05			
120	4.6E-02				5	4.05E-05			
121	5.6E-02				5	4.95E-05			
122	5.2E-02				5	4.65E-05			
123	4.9E-02				5	4.37E-05			
124	4.6E-02				5	4.12E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
125	5.7E-02				5	5.06E-05		
126	5.4E-02				5	4.74E-05		
127	5.0E-02				5	4.45E-05		
128	4.7E-02				5	4.18E-05		
129	5.8E-02				5	5.16E-05		
130	5.4E-02				5	4.82E-05		
131	5.1E-02				5	4.52E-05		
132	4.8E-02				5	4.24E-05		
133	5.9E-02				5	5.26E-05		
134	5.5E-02				5	4.90E-05		
135	5.2E-02				5	4.58E-05		
136	4.8E-02				5	4.29E-05		
137	6.0E-02				5	5.34E-05		
138	5.2E-02				5	4.64E-05		
139	4.9E-02				5	4.34E-05		
140	6.3E-02				5	5.55E-05		
141	5.8E-02				5	5.14E-05		
142	5.4E-02				5	4.77E-05		
143	5.0E-02				5	4.45E-05		
144	6.3E-02				5	5.60E-05		
145	5.9E-02				5	5.18E-05		
146	5.4E-02				5	4.81E-05		
147	5.1E-02				5	4.48E-05		
148	6.4E-02				5	5.65E-05		
149	5.9E-02				5	5.22E-05		
150	5.5E-02				5	4.84E-05		
151	5.1E-02				5	4.51E-05		
152	6.4E-02				5	5.69E-05		
153	5.9E-02				5	5.25E-05		
154	5.5E-02				5	4.87E-05		
155	5.1E-02				5	4.53E-05		
156	6.5E-02				5	5.72E-05		
157	6.0E-02				5	5.28E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
158	5.5E-02				5	4.89E-05		
159	5.1E-02				5	4.55E-05		
160	6.5E-02				5	5.74E-05		
161	6.0E-02				5	5.30E-05		
162	5.5E-02				5	4.90E-05		
163	5.2E-02				5	4.58E-05		
164	6.5E-02				5	5.76E-05		
165	6.0E-02				5	5.30E-05		
166	5.6E-02				5	4.94E-05		
167	5.2E-02				5	4.59E-05		
168	6.5E-02				5	5.75E-05		
169	6.0E-02				5	5.30E-05		
170	5.6E-02				5	4.94E-05		
171	5.2E-02				5	4.59E-05		
172	6.5E-02				5	5.73E-05		
173	6.0E-02				5	5.28E-05		
174	5.6E-02				5	4.92E-05		
175	5.2E-02				5	4.57E-05		
176	6.4E-02				5	5.70E-05		
177	5.9E-02				5	5.25E-05		
178	5.5E-02				5	4.89E-05		
179	5.1E-02				5	4.54E-05		
180	6.4E-02				5	5.65E-05		
181	5.9E-02				5	5.23E-05		
182	5.5E-02				5	4.85E-05		
183	5.1E-02				5	4.51E-05		
184	7.0E-02				5	6.23E-05		
185	7.6E-02				5	6.75E-05		
186	7.0E-02				5	6.17E-05		
187	6.4E-02				5	5.67E-05		
188	5.9E-02				5	5.25E-05		
189	8.2E-02				5	7.28E-05		
190	7.5E-02				5	6.64E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
191	6.9E-02				5	6.08E-05		
192	6.3E-02				5	5.59E-05		
193	5.9E-02				5	5.19E-05		
194	8.0E-02				5	7.10E-05		
195	7.3E-02				5	6.49E-05		
196	6.8E-02				5	5.98E-05		
197	6.2E-02				5	5.52E-05		
198	5.8E-02				5	5.11E-05		
199	7.8E-02				5	6.88E-05		
200	7.1E-02				5	6.31E-05		
201	6.6E-02				5	5.83E-05		
202	6.1E-02				5	5.39E-05		
203	5.7E-02				5	5.01E-05		
204	1.1E-01				5	9.69E-05		
205	7.5E-02				5	6.62E-05		
206	6.9E-02				5	6.10E-05		
207	6.4E-02				5	5.65E-05		
208	5.9E-02				5	5.24E-05		
209	1.0E-01				5	9.11E-05		
210	9.3E-02				5	8.26E-05		
211	8.5E-02				5	7.53E-05		
212	7.8E-02				5	6.90E-05		
213	7.2E-02				5	6.35E-05		
214	6.6E-02				5	5.88E-05		
215	6.2E-02				5	5.45E-05		
216	1.1E-01				5	9.65E-05		
217	9.9E-02				5	8.76E-05		
218	9.0E-02				5	7.99E-05		
219	8.3E-02				5	7.32E-05		
220	7.6E-02				5	6.74E-05		
221	7.0E-02				5	6.23E-05		
222	1.0E-01				5	8.90E-05		
223	9.2E-02				5	8.13E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
224	8.4E-02				5	7.46E-05		
225	7.8E-02				5	6.87E-05		
226	7.2E-02				5	6.35E-05		
227	9.3E-02				5	8.22E-05		
228	8.5E-02				5	7.54E-05		
229	7.8E-02				5	6.93E-05		
230	7.2E-02				5	6.41E-05		
231	8.6E-02				5	7.60E-05		
232	7.9E-02				5	7.01E-05		
233	7.3E-02				5	6.46E-05		
234	6.8E-02				5	6.00E-05		
235	7.9E-02				5	7.04E-05		
236	7.4E-02				5	6.53E-05		
237	6.8E-02				5	6.02E-05		
238	6.3E-02				5	5.62E-05		
239	7.4E-02				5	6.53E-05		
240	6.8E-02				5	6.04E-05		
241	6.4E-02				5	5.64E-05		
242	6.0E-02				5	5.27E-05		
243	1.3E-01				5	1.16E-04		
244	1.2E-01				5	1.07E-04		
245	1.1E-01				5	9.84E-05		
246	1.0E-01				5	9.05E-05		
247	9.4E-02				5	8.34E-05		
248	8.7E-02				5	7.71E-05		
249	8.1E-02				5	7.13E-05		
250	1.2E-01				5	1.04E-04		
251	1.1E-01				5	9.65E-05		
252	1.0E-01				5	8.93E-05		
253	9.3E-02				5	8.26E-05		
254	8.6E-02				5	7.65E-05		
255	8.0E-02				5	7.10E-05		
256	7.4E-02				5	6.59E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
257	1.1E-01				5	9.41E-05		
258	9.9E-02				5	8.76E-05		
259	9.2E-02				5	8.14E-05		
260	8.6E-02				5	7.58E-05		
261	8.0E-02				5	7.05E-05		
262	7.4E-02				5	6.57E-05		
263	6.9E-02				5	6.12E-05		
264	9.7E-02				5	8.56E-05		
265	9.0E-02				5	8.00E-05		
266	8.4E-02				5	7.47E-05		
267	7.9E-02				5	6.97E-05		
268	7.4E-02				5	6.52E-05		
269	6.9E-02				5	6.10E-05		
270	6.4E-02				5	5.70E-05		
271	8.8E-02				5	7.83E-05		
272	8.3E-02				5	7.34E-05		
273	7.8E-02				5	6.88E-05		
274	7.3E-02				5	6.45E-05		
275	6.8E-02				5	6.05E-05		
276	6.4E-02				5	5.68E-05		
277	6.0E-02				5	5.32E-05		
278	4.2E-01				5	3.71E-04		
279	3.8E-01				5	3.40E-04		
280	3.3E-01				5	2.93E-04		
281	3.1E-01				5	2.73E-04		
282	3.2E-01				5	2.80E-04		
283	3.1E-01				5	2.72E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
21	2.5E-02	7.5E-03			5	5.25E-05		
22	2.8E-02	8.6E-03			5	5.97E-05		
23	3.3E-02	9.9E-03			5	6.89E-05		
24	3.9E-02	1.2E-02			5	8.11E-05		
25	4.6E-02	1.4E-02			5	9.75E-05		
26	4.6E-02	1.4E-02			5	9.69E-05		
27	4.7E-02	1.4E-02			5	9.81E-05		
28	4.7E-02	1.4E-02			5	9.92E-05		
29	4.8E-02	1.4E-02			5	1.00E-04		
30	4.8E-02	1.4E-02			5	1.01E-04		
31	4.8E-02	1.5E-02			5	1.01E-04		
32	4.8E-02	1.5E-02			5	1.01E-04		
33	4.8E-02	1.5E-02			5	1.01E-04		
34	4.8E-02	1.4E-02			5	1.01E-04		
35	4.8E-02	1.4E-02			5	1.00E-04		
36	4.7E-02	1.4E-02			5	9.96E-05		
37	4.9E-02	1.5E-02			5	1.02E-04		
38	4.9E-02	1.5E-02			5	1.04E-04		
39	5.0E-02	1.5E-02			5	1.05E-04		
40	5.0E-02	1.5E-02			5	1.06E-04		
41	5.1E-02	1.5E-02			5	1.06E-04		
42	5.1E-02	1.5E-02			5	1.07E-04		
43	5.1E-02	1.5E-02			5	1.07E-04		
44	5.1E-02	1.5E-02			5	1.07E-04		
45	5.1E-02	1.5E-02			5	1.06E-04		
46	5.0E-02	1.5E-02			5	1.06E-04		
47	5.0E-02	1.5E-02			5	1.05E-04		
48	5.1E-02	1.6E-02			5	1.08E-04		
49	5.2E-02	1.6E-02			5	1.10E-04		
50	5.3E-02	1.6E-02			5	1.11E-04		
51	5.3E-02	1.6E-02			5	1.12E-04		
52	5.3E-02	1.6E-02			5	1.12E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
53	5.4E-02	1.6E-02			5	1.13E-04		
54	5.4E-02	1.6E-02			5	1.13E-04		
55	5.4E-02	1.6E-02			5	1.13E-04		
56	5.3E-02	1.6E-02			5	1.12E-04		
57	5.3E-02	1.6E-02			5	1.11E-04		
58	5.2E-02	1.6E-02			5	1.10E-04		
59	5.4E-02	1.6E-02			5	1.15E-04		
60	5.5E-02	1.7E-02			5	1.16E-04		
61	5.6E-02	1.7E-02			5	1.17E-04		
62	5.6E-02	1.7E-02			5	1.19E-04		
63	5.7E-02	1.7E-02			5	1.19E-04		
64	5.7E-02	1.7E-02			5	1.20E-04		
65	5.7E-02	1.7E-02			5	1.20E-04		
66	5.7E-02	1.7E-02			5	1.19E-04		
67	5.6E-02	1.7E-02			5	1.19E-04		
68	5.6E-02	1.7E-02			5	1.17E-04		
69	5.5E-02	1.7E-02			5	1.16E-04		
70	5.8E-02	1.7E-02			5	1.22E-04		
71	5.9E-02	1.8E-02			5	1.23E-04		
72	5.9E-02	1.8E-02			5	1.25E-04		
73	6.0E-02	1.8E-02			5	1.26E-04		
74	6.0E-02	1.8E-02			5	1.27E-04		
75	6.0E-02	1.8E-02			5	1.27E-04		
76	6.0E-02	1.8E-02			5	1.27E-04		
77	6.0E-02	1.8E-02			5	1.26E-04		
78	6.0E-02	1.8E-02			5	1.26E-04		
79	5.9E-02	1.8E-02			5	1.24E-04		
80	5.8E-02	1.8E-02			5	1.22E-04		
81	6.2E-02	1.9E-02			5	1.30E-04		
82	6.3E-02	1.9E-02			5	1.32E-04		
83	6.3E-02	1.9E-02			5	1.33E-04		
84	6.4E-02	1.9E-02			5	1.34E-04		
85	6.4E-02	1.9E-02			5	1.35E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul2B

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
86	6.4E-02	1.9E-02			5	1.35E-04		
87	6.4E-02	1.9E-02			5	1.35E-04		
88	6.4E-02	1.9E-02			5	1.34E-04		
89	6.3E-02	1.9E-02			5	1.33E-04		
90	6.2E-02	1.9E-02			5	1.31E-04		
91	6.1E-02	1.8E-02			5	1.29E-04		
92	6.6E-02	2.0E-02			5	1.38E-04		
93	6.7E-02	2.0E-02			5	1.41E-04		
94	6.8E-02	2.0E-02			5	1.42E-04		
95	6.8E-02	2.1E-02			5	1.44E-04		
96	6.9E-02	2.1E-02			5	1.45E-04		
97	6.9E-02	2.1E-02			5	1.45E-04		
98	6.9E-02	2.1E-02			5	1.44E-04		
99	6.8E-02	2.1E-02			5	1.43E-04		
100	6.7E-02	2.0E-02			5	1.42E-04		
101	6.6E-02	2.0E-02			5	1.39E-04		
102	6.5E-02	2.0E-02			5	1.36E-04		
103	7.2E-02	2.2E-02			5	1.52E-04		
104	7.3E-02	2.2E-02			5	1.53E-04		
105	7.3E-02	2.2E-02			5	1.54E-04		
106	7.3E-02	2.2E-02			5	1.53E-04		
107	7.3E-02	2.2E-02			5	1.53E-04		
108	7.2E-02	2.2E-02			5	1.51E-04		
109	7.0E-02	2.1E-02			5	1.48E-04		
110	6.8E-02	2.1E-02			5	1.44E-04		
111	7.2E-02	2.2E-02			5	1.51E-04		
112	7.1E-02	2.1E-02			5	1.49E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

					Cancer Risk From Haul3 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50075	**1.08E-04**	5.42E-05	1.05E-03	5.67E-08	1.45	1.57E-01	1.29E-08	1,000,000	1.29E-02
2	0.53112	0.00010824	5.749E-05	1.05E-03	6.01E-08	1.45	1.57E-01	1.37E-08	1,000,000	1.37E-02
3	0.5654	0.00010824	6.1201E-05	1.05E-03	6.40E-08	1.45	1.57E-01	1.46E-08	1,000,000	1.46E-02
4	0.6028	0.00010824	6.5249E-05	1.05E-03	6.82E-08	1.45	1.57E-01	1.55E-08	1,000,000	1.55E-02
5	0.64511	0.00010824	6.9829E-05	1.05E-03	7.30E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
6	0.49716	0.00010824	5.3814E-05	1.05E-03	5.62E-08	1.45	1.57E-01	1.28E-08	1,000,000	1.28E-02
7	0.52724	0.00010824	5.707E-05	1.05E-03	5.97E-08	1.45	1.57E-01	1.36E-08	1,000,000	1.36E-02
8	0.56085	0.00010824	6.0708E-05	1.05E-03	6.35E-08	1.45	1.57E-01	1.45E-08	1,000,000	1.45E-02
9	0.59922	0.00010824	6.4861E-05	1.05E-03	6.78E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
10	0.64141	0.00010824	6.9428E-05	1.05E-03	7.26E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
11	0.4933	0.00010824	5.3396E-05	1.05E-03	5.58E-08	1.45	1.57E-01	1.27E-08	1,000,000	1.27E-02
12	0.5234	0.00010824	5.6654E-05	1.05E-03	5.92E-08	1.45	1.57E-01	1.35E-08	1,000,000	1.35E-02
13	0.55718	0.00010824	6.0311E-05	1.05E-03	6.30E-08	1.45	1.57E-01	1.44E-08	1,000,000	1.44E-02
14	0.59589	0.00010824	6.4501E-05	1.05E-03	6.74E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
15	0.63834	0.00010824	6.9096E-05	1.05E-03	7.22E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
16	0.48981	0.00010824	5.3019E-05	1.05E-03	5.54E-08	1.45	1.57E-01	1.26E-08	1,000,000	1.26E-02
17	0.52023	0.00010824	5.6311E-05	1.05E-03	5.89E-08	1.45	1.57E-01	1.34E-08	1,000,000	1.34E-02
18	0.55402	0.00010824	5.9969E-05	1.05E-03	6.27E-08	1.45	1.57E-01	1.43E-08	1,000,000	1.43E-02
19	0.59152	0.00010824	6.4028E-05	1.05E-03	6.69E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
20	0.63448	0.00010824	6.8678E-05	1.05E-03	7.18E-08	1.45	1.57E-01	1.64E-08	1,000,000	1.64E-02
21	0.48695	0.00010824	5.2709E-05	1.05E-03	5.51E-08	1.45	1.57E-01	1.26E-08	1,000,000	1.26E-02
22	0.51738	0.00010824	5.6003E-05	1.05E-03	5.85E-08	1.45	1.57E-01	1.33E-08	1,000,000	1.33E-02
23	0.55142	0.00010824	5.9687E-05	1.05E-03	6.24E-08	1.45	1.57E-01	1.42E-08	1,000,000	1.42E-02
24	0.58935	0.00010824	6.3793E-05	1.05E-03	6.67E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
25	0.63147	0.00010824	6.8352E-05	1.05E-03	7.14E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02
113	2.6316	0.00010824	0.00028485	1.05E-03	2.98E-07	1.45	1.57E-01	6.78E-08	1,000,000	6.78E-02
114	2.37784	0.00010824	0.00025738	1.05E-03	2.69E-07	1.45	1.57E-01	6.13E-08	1,000,000	6.13E-02
115	2.1573	0.00010824	0.00023351	1.05E-03	2.44E-07	1.45	1.57E-01	5.56E-08	1,000,000	5.56E-02
116	1.96534	0.00010824	0.00021273	1.05E-03	2.22E-07	1.45	1.57E-01	5.07E-08	1,000,000	5.07E-02
117	2.71073	0.00010824	0.00029342	1.05E-03	3.07E-07	1.45	1.57E-01	6.99E-08	1,000,000	6.99E-02
118	2.43759	0.00010824	0.00026385	1.05E-03	2.76E-07	1.45	1.57E-01	6.28E-08	1,000,000	6.28E-02
119	2.20315	0.00010824	0.00023848	1.05E-03	2.49E-07	1.45	1.57E-01	5.68E-08	1,000,000	5.68E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	0.00021659	1.05E-03	2.26E-07	1.45	1.57E-01	5.16E-08	1,000,000	5.16E-02
121	2.78112	0.00010824	0.00030104	1.05E-03	3.15E-07	1.45	1.57E-01	7.17E-08	1,000,000	7.17E-02
122	2.49038	0.00010824	0.00026957	1.05E-03	2.82E-07	1.45	1.57E-01	6.42E-08	1,000,000	6.42E-02
123	2.24336	0.00010824	0.00024283	1.05E-03	2.54E-07	1.45	1.57E-01	5.78E-08	1,000,000	5.78E-02
124	2.03199	0.00010824	0.00021995	1.05E-03	2.30E-07	1.45	1.57E-01	5.24E-08	1,000,000	5.24E-02
125	2.84219	0.00010824	0.00030765	1.05E-03	3.22E-07	1.45	1.57E-01	7.33E-08	1,000,000	7.33E-02
126	2.53591	0.00010824	0.00027449	1.05E-03	2.87E-07	1.45	1.57E-01	6.54E-08	1,000,000	6.54E-02
127	2.27788	0.00010824	0.00024656	1.05E-03	2.58E-07	1.45	1.57E-01	5.87E-08	1,000,000	5.87E-02
128	2.05858	0.00010824	0.00022283	1.05E-03	2.33E-07	1.45	1.57E-01	5.31E-08	1,000,000	5.31E-02
129	2.89374	0.00010824	0.00031323	1.05E-03	3.27E-07	1.45	1.57E-01	7.46E-08	1,000,000	7.46E-02
130	2.57417	0.00010824	0.00027864	1.05E-03	2.91E-07	1.45	1.57E-01	6.64E-08	1,000,000	6.64E-02
131	2.30682	0.00010824	0.0002497	1.05E-03	2.61E-07	1.45	1.57E-01	5.95E-08	1,000,000	5.95E-02
132	2.08085	0.00010824	0.00022524	1.05E-03	2.35E-07	1.45	1.57E-01	5.36E-08	1,000,000	5.36E-02
133	2.93562	0.00010824	0.00031776	1.05E-03	3.32E-07	1.45	1.57E-01	7.57E-08	1,000,000	7.57E-02
134	2.60511	0.00010824	0.00028199	1.05E-03	2.95E-07	1.45	1.57E-01	6.72E-08	1,000,000	6.72E-02
135	2.33012	0.00010824	0.00025222	1.05E-03	2.64E-07	1.45	1.57E-01	6.01E-08	1,000,000	6.01E-02
136	2.09869	0.00010824	0.00022717	1.05E-03	2.37E-07	1.45	1.57E-01	5.41E-08	1,000,000	5.41E-02
137	2.96743	0.00010824	0.0003212	1.05E-03	3.36E-07	1.45	1.57E-01	7.65E-08	1,000,000	7.65E-02
138	2.34744	0.00010824	0.00025409	1.05E-03	2.66E-07	1.45	1.57E-01	6.05E-08	1,000,000	6.05E-02
139	2.11178	0.00010824	0.00022859	1.05E-03	2.39E-07	1.45	1.57E-01	5.44E-08	1,000,000	5.44E-02
140	2.99193	0.00010824	0.00032386	1.05E-03	3.38E-07	1.45	1.57E-01	7.71E-08	1,000,000	7.71E-02
141	2.64361	0.00010824	0.00028615	1.05E-03	2.99E-07	1.45	1.57E-01	6.81E-08	1,000,000	6.81E-02
142	2.35643	0.00010824	0.00025507	1.05E-03	2.67E-07	1.45	1.57E-01	6.07E-08	1,000,000	6.07E-02
143	2.11648	0.00010824	0.00022909	1.05E-03	2.39E-07	1.45	1.57E-01	5.46E-08	1,000,000	5.46E-02
144	2.96965	0.00010824	0.00032144	1.05E-03	3.36E-07	1.45	1.57E-01	7.66E-08	1,000,000	7.66E-02
145	2.62535	0.00010824	0.00028418	1.05E-03	2.97E-07	1.45	1.57E-01	6.77E-08	1,000,000	6.77E-02
146	2.34114	0.00010824	0.00025341	1.05E-03	2.65E-07	1.45	1.57E-01	6.04E-08	1,000,000	6.04E-02
147	2.10348	0.00010824	0.00022769	1.05E-03	2.38E-07	1.45	1.57E-01	5.42E-08	1,000,000	5.42E-02
148	2.92764	0.00010824	0.0003169	1.05E-03	3.31E-07	1.45	1.57E-01	7.55E-08	1,000,000	7.55E-02
149	2.59239	0.00010824	0.00028061	1.05E-03	2.93E-07	1.45	1.57E-01	6.68E-08	1,000,000	6.68E-02
150	2.31464	0.00010824	0.00025054	1.05E-03	2.62E-07	1.45	1.57E-01	5.97E-08	1,000,000	5.97E-02
151	2.08173	0.00010824	0.00022533	1.05E-03	2.36E-07	1.45	1.57E-01	5.37E-08	1,000,000	5.37E-02
152	2.86247	0.00010824	0.00030984	1.05E-03	3.24E-07	1.45	1.57E-01	7.38E-08	1,000,000	7.38E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	0.0002752	1.05E-03	2.88E-07	1.45	1.57E-01	6.55E-08	1,000,000	6.55E-02
154	2.27537	0.00010824	0.00024629	1.05E-03	2.57E-07	1.45	1.57E-01	5.87E-08	1,000,000	5.87E-02
155	2.05017	0.00010824	0.00022192	1.05E-03	2.32E-07	1.45	1.57E-01	5.29E-08	1,000,000	5.29E-02
156	2.77135	0.00010824	0.00029998	1.05E-03	3.14E-07	1.45	1.57E-01	7.14E-08	1,000,000	7.14E-02
157	2.47293	0.00010824	0.00026768	1.05E-03	2.80E-07	1.45	1.57E-01	6.37E-08	1,000,000	6.37E-02
158	2.22131	0.00010824	0.00024044	1.05E-03	2.51E-07	1.45	1.57E-01	5.73E-08	1,000,000	5.73E-02
159	2.0073	0.00010824	0.00021728	1.05E-03	2.27E-07	1.45	1.57E-01	5.17E-08	1,000,000	5.17E-02
160	2.65474	0.00010824	0.00028736	1.05E-03	3.00E-07	1.45	1.57E-01	6.84E-08	1,000,000	6.84E-02
161	2.38287	0.00010824	0.00025793	1.05E-03	2.70E-07	1.45	1.57E-01	6.14E-08	1,000,000	6.14E-02
162	2.15095	0.00010824	0.00023283	1.05E-03	2.43E-07	1.45	1.57E-01	5.54E-08	1,000,000	5.54E-02
163	1.95128	0.00010824	0.00021121	1.05E-03	2.21E-07	1.45	1.57E-01	5.03E-08	1,000,000	5.03E-02
164	2.51763	0.00010824	0.00027252	1.05E-03	2.85E-07	1.45	1.57E-01	6.49E-08	1,000,000	6.49E-02
165	2.27442	0.00010824	0.00024619	1.05E-03	2.57E-07	1.45	1.57E-01	5.86E-08	1,000,000	5.86E-02
166	2.06291	0.00010824	0.0002233	1.05E-03	2.33E-07	1.45	1.57E-01	5.32E-08	1,000,000	5.32E-02
167	1.88082	0.00010824	0.00020359	1.05E-03	2.13E-07	1.45	1.57E-01	4.85E-08	1,000,000	4.85E-02
168	2.36788	0.00010824	0.00025631	1.05E-03	2.68E-07	1.45	1.57E-01	6.10E-08	1,000,000	6.10E-02
169	2.15271	0.00010824	0.00023302	1.05E-03	2.44E-07	1.45	1.57E-01	5.55E-08	1,000,000	5.55E-02
170	1.96372	0.00010824	0.00021256	1.05E-03	2.22E-07	1.45	1.57E-01	5.06E-08	1,000,000	5.06E-02
171	1.80043	0.00010824	0.00019488	1.05E-03	2.04E-07	1.45	1.57E-01	4.64E-08	1,000,000	4.64E-02
172	2.2133	0.00010824	0.00023957	1.05E-03	2.50E-07	1.45	1.57E-01	5.71E-08	1,000,000	5.71E-02
173	2.02394	0.00010824	0.00021908	1.05E-03	2.29E-07	1.45	1.57E-01	5.22E-08	1,000,000	5.22E-02
174	1.85692	0.00010824	0.000201	1.05E-03	2.10E-07	1.45	1.57E-01	4.79E-08	1,000,000	4.79E-02
175	1.71143	0.00010824	0.00018525	1.05E-03	1.94E-07	1.45	1.57E-01	4.41E-08	1,000,000	4.41E-02
176	2.05984	0.00010824	0.00022296	1.05E-03	2.33E-07	1.45	1.57E-01	5.31E-08	1,000,000	5.31E-02
177	1.89359	0.00010824	0.00020497	1.05E-03	2.14E-07	1.45	1.57E-01	4.88E-08	1,000,000	4.88E-02
178	1.74629	0.00010824	0.00018902	1.05E-03	1.98E-07	1.45	1.57E-01	4.50E-08	1,000,000	4.50E-02
179	1.61745	0.00010824	0.00017508	1.05E-03	1.83E-07	1.45	1.57E-01	4.17E-08	1,000,000	4.17E-02
180	1.91158	0.00010824	0.00020692	1.05E-03	2.16E-07	1.45	1.57E-01	4.93E-08	1,000,000	4.93E-02
181	1.7651	0.00010824	0.00019106	1.05E-03	2.00E-07	1.45	1.57E-01	4.55E-08	1,000,000	4.55E-02
182	1.63567	0.00010824	0.00017705	1.05E-03	1.85E-07	1.45	1.57E-01	4.22E-08	1,000,000	4.22E-02
183	1.52194	0.00010824	0.00016474	1.05E-03	1.72E-07	1.45	1.57E-01	3.92E-08	1,000,000	3.92E-02
184	2.59243	0.00010824	0.00028061	1.05E-03	2.93E-07	1.45	1.57E-01	6.68E-08	1,000,000	6.68E-02
185	2.19528	0.00010824	0.00023762	1.05E-03	2.48E-07	1.45	1.57E-01	5.66E-08	1,000,000	5.66E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	0.00021795	1.05E-03	2.28E-07	1.45	1.57E-01	5.19E-08	1,000,000	5.19E-02
187	1.85534	0.00010824	0.00020083	1.05E-03	2.10E-07	1.45	1.57E-01	4.78E-08	1,000,000	4.78E-02
188	1.71588	0.00010824	0.00018573	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
189	2.19717	0.00010824	0.00023783	1.05E-03	2.49E-07	1.45	1.57E-01	5.66E-08	1,000,000	5.66E-02
190	2.01519	0.00010824	0.00021813	1.05E-03	2.28E-07	1.45	1.57E-01	5.19E-08	1,000,000	5.19E-02
191	1.85697	0.00010824	0.000201	1.05E-03	2.10E-07	1.45	1.57E-01	4.79E-08	1,000,000	4.79E-02
192	1.71841	0.00010824	0.00018601	1.05E-03	1.94E-07	1.45	1.57E-01	4.43E-08	1,000,000	4.43E-02
193	1.59488	0.00010824	0.00017263	1.05E-03	1.80E-07	1.45	1.57E-01	4.11E-08	1,000,000	4.11E-02
194	2.01443	0.00010824	0.00021805	1.05E-03	2.28E-07	1.45	1.57E-01	5.19E-08	1,000,000	5.19E-02
195	1.85512	0.00010824	0.0002008	1.05E-03	2.10E-07	1.45	1.57E-01	4.78E-08	1,000,000	4.78E-02
196	1.71551	0.00010824	0.00018569	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
197	1.59169	0.00010824	0.00017229	1.05E-03	1.80E-07	1.45	1.57E-01	4.10E-08	1,000,000	4.10E-02
198	1.48354	0.00010824	0.00016058	1.05E-03	1.68E-07	1.45	1.57E-01	3.82E-08	1,000,000	3.82E-02
199	1.85669	0.00010824	0.00020097	1.05E-03	2.10E-07	1.45	1.57E-01	4.79E-08	1,000,000	4.79E-02
200	1.71515	0.00010824	0.00018565	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
201	1.59003	0.00010824	0.00017211	1.05E-03	1.80E-07	1.45	1.57E-01	4.10E-08	1,000,000	4.10E-02
202	1.47955	0.00010824	0.00016015	1.05E-03	1.67E-07	1.45	1.57E-01	3.81E-08	1,000,000	3.81E-02
203	1.38226	0.00010824	0.00014962	1.05E-03	1.56E-07	1.45	1.57E-01	3.56E-08	1,000,000	3.56E-02
204	2.41401	0.00010824	0.0002613	1.05E-03	2.73E-07	1.45	1.57E-01	6.22E-08	1,000,000	6.22E-02
205	1.72017	0.00010824	0.0001862	1.05E-03	1.95E-07	1.45	1.57E-01	4.43E-08	1,000,000	4.43E-02
206	1.59344	0.00010824	0.00017248	1.05E-03	1.80E-07	1.45	1.57E-01	4.11E-08	1,000,000	4.11E-02
207	1.47985	0.00010824	0.00016018	1.05E-03	1.67E-07	1.45	1.57E-01	3.81E-08	1,000,000	3.81E-02
208	1.38055	0.00010824	0.00014944	1.05E-03	1.56E-07	1.45	1.57E-01	3.56E-08	1,000,000	3.56E-02
209	2.20204	0.00010824	0.00023836	1.05E-03	2.49E-07	1.45	1.57E-01	5.68E-08	1,000,000	5.68E-02
210	2.02678	0.00010824	0.00021939	1.05E-03	2.29E-07	1.45	1.57E-01	5.22E-08	1,000,000	5.22E-02
211	1.86887	0.00010824	0.00020229	1.05E-03	2.11E-07	1.45	1.57E-01	4.82E-08	1,000,000	4.82E-02
212	1.72755	0.00010824	0.000187	1.05E-03	1.95E-07	1.45	1.57E-01	4.45E-08	1,000,000	4.45E-02
213	1.60067	0.00010824	0.00017326	1.05E-03	1.81E-07	1.45	1.57E-01	4.13E-08	1,000,000	4.13E-02
214	1.48629	0.00010824	0.00016088	1.05E-03	1.68E-07	1.45	1.57E-01	3.83E-08	1,000,000	3.83E-02
215	1.3842	0.00010824	0.00014983	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
216	2.14141	0.00010824	0.00023179	1.05E-03	2.42E-07	1.45	1.57E-01	5.52E-08	1,000,000	5.52E-02
217	1.9911	0.00010824	0.00021552	1.05E-03	2.25E-07	1.45	1.57E-01	5.13E-08	1,000,000	5.13E-02
218	1.85053	0.00010824	0.00020031	1.05E-03	2.09E-07	1.45	1.57E-01	4.77E-08	1,000,000	4.77E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	0.0001865	1.05E-03	1.95E-07	1.45	1.57E-01	4.44E-08	1,000,000	4.44E-02
220	1.60481	0.00010824	0.00017371	1.05E-03	1.82E-07	1.45	1.57E-01	4.14E-08	1,000,000	4.14E-02
221	1.49635	0.00010824	0.00016197	1.05E-03	1.69E-07	1.45	1.57E-01	3.86E-08	1,000,000	3.86E-02
222	1.95535	0.00010824	0.00021165	1.05E-03	2.21E-07	1.45	1.57E-01	5.04E-08	1,000,000	5.04E-02
223	1.82595	0.00010824	0.00019765	1.05E-03	2.07E-07	1.45	1.57E-01	4.71E-08	1,000,000	4.71E-02
224	1.706	0.00010824	0.00018466	1.05E-03	1.93E-07	1.45	1.57E-01	4.40E-08	1,000,000	4.40E-02
225	1.59569	0.00010824	0.00017272	1.05E-03	1.81E-07	1.45	1.57E-01	4.11E-08	1,000,000	4.11E-02
226	1.49241	0.00010824	0.00016154	1.05E-03	1.69E-07	1.45	1.57E-01	3.85E-08	1,000,000	3.85E-02
227	1.79286	0.00010824	0.00019406	1.05E-03	2.03E-07	1.45	1.57E-01	4.62E-08	1,000,000	4.62E-02
228	1.68103	0.00010824	0.00018196	1.05E-03	1.90E-07	1.45	1.57E-01	4.33E-08	1,000,000	4.33E-02
229	1.57774	0.00010824	0.00017078	1.05E-03	1.78E-07	1.45	1.57E-01	4.07E-08	1,000,000	4.07E-02
230	1.48052	0.00010824	0.00016026	1.05E-03	1.68E-07	1.45	1.57E-01	3.82E-08	1,000,000	3.82E-02
231	1.65008	0.00010824	0.00017861	1.05E-03	1.87E-07	1.45	1.57E-01	4.25E-08	1,000,000	4.25E-02
232	1.55383	0.00010824	0.00016819	1.05E-03	1.76E-07	1.45	1.57E-01	4.01E-08	1,000,000	4.01E-02
233	1.46353	0.00010824	0.00015842	1.05E-03	1.66E-07	1.45	1.57E-01	3.77E-08	1,000,000	3.77E-02
234	1.3784	0.00010824	0.0001492	1.05E-03	1.56E-07	1.45	1.57E-01	3.55E-08	1,000,000	3.55E-02
235	1.52504	0.00010824	0.00016508	1.05E-03	1.73E-07	1.45	1.57E-01	3.93E-08	1,000,000	3.93E-02
236	1.44105	0.00010824	0.00015598	1.05E-03	1.63E-07	1.45	1.57E-01	3.71E-08	1,000,000	3.71E-02
237	1.36113	0.00010824	0.00014733	1.05E-03	1.54E-07	1.45	1.57E-01	3.51E-08	1,000,000	3.51E-02
238	1.2867	0.00010824	0.00013928	1.05E-03	1.46E-07	1.45	1.57E-01	3.32E-08	1,000,000	3.32E-02
239	1.41453	0.00010824	0.00015311	1.05E-03	1.60E-07	1.45	1.57E-01	3.65E-08	1,000,000	3.65E-02
240	1.34043	0.00010824	0.00014509	1.05E-03	1.52E-07	1.45	1.57E-01	3.46E-08	1,000,000	3.46E-02
241	1.2697	0.00010824	0.00013744	1.05E-03	1.44E-07	1.45	1.57E-01	3.27E-08	1,000,000	3.27E-02
242	1.20404	0.00010824	0.00013033	1.05E-03	1.36E-07	1.45	1.57E-01	3.10E-08	1,000,000	3.10E-02
243	1.88743	0.00010824	0.0002043	1.05E-03	2.14E-07	1.45	1.57E-01	4.87E-08	1,000,000	4.87E-02
244	1.84188	0.00010824	0.00019937	1.05E-03	2.08E-07	1.45	1.57E-01	4.75E-08	1,000,000	4.75E-02
245	1.78359	0.00010824	0.00019306	1.05E-03	2.02E-07	1.45	1.57E-01	4.60E-08	1,000,000	4.60E-02
246	1.71582	0.00010824	0.00018573	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
247	1.64134	0.00010824	0.00017766	1.05E-03	1.86E-07	1.45	1.57E-01	4.23E-08	1,000,000	4.23E-02
248	1.56497	0.00010824	0.0001694	1.05E-03	1.77E-07	1.45	1.57E-01	4.03E-08	1,000,000	4.03E-02
249	1.4883	0.00010824	0.0001611	1.05E-03	1.68E-07	1.45	1.57E-01	3.84E-08	1,000,000	3.84E-02
250	1.73455	0.00010824	0.00018775	1.05E-03	1.96E-07	1.45	1.57E-01	4.47E-08	1,000,000	4.47E-02
251	1.69291	0.00010824	0.00018325	1.05E-03	1.92E-07	1.45	1.57E-01	4.36E-08	1,000,000	4.36E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	0.00017761	1.05E-03	1.86E-07	1.45	1.57E-01	4.23E-08	1,000,000	4.23E-02
253	1.581	0.00010824	0.00017113	1.05E-03	1.79E-07	1.45	1.57E-01	4.08E-08	1,000,000	4.08E-02
254	1.51551	0.00010824	0.00016404	1.05E-03	1.71E-07	1.45	1.57E-01	3.91E-08	1,000,000	3.91E-02
255	1.4484	0.00010824	0.00015678	1.05E-03	1.64E-07	1.45	1.57E-01	3.73E-08	1,000,000	3.73E-02
256	1.38024	0.00010824	0.0001494	1.05E-03	1.56E-07	1.45	1.57E-01	3.56E-08	1,000,000	3.56E-02
257	1.60044	0.00010824	0.00017324	1.05E-03	1.81E-07	1.45	1.57E-01	4.13E-08	1,000,000	4.13E-02
258	1.56234	0.00010824	0.00016911	1.05E-03	1.77E-07	1.45	1.57E-01	4.03E-08	1,000,000	4.03E-02
259	1.51565	0.00010824	0.00016406	1.05E-03	1.71E-07	1.45	1.57E-01	3.91E-08	1,000,000	3.91E-02
260	1.46251	0.00010824	0.00015831	1.05E-03	1.65E-07	1.45	1.57E-01	3.77E-08	1,000,000	3.77E-02
261	1.40462	0.00010824	0.00015204	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
262	1.34521	0.00010824	0.00014561	1.05E-03	1.52E-07	1.45	1.57E-01	3.47E-08	1,000,000	3.47E-02
263	1.28507	0.00010824	0.0001391	1.05E-03	1.45E-07	1.45	1.57E-01	3.31E-08	1,000,000	3.31E-02
264	1.4823	0.00010824	0.00016045	1.05E-03	1.68E-07	1.45	1.57E-01	3.82E-08	1,000,000	3.82E-02
265	1.4473	0.00010824	0.00015666	1.05E-03	1.64E-07	1.45	1.57E-01	3.73E-08	1,000,000	3.73E-02
266	1.40515	0.00010824	0.0001521	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
267	1.35774	0.00010824	0.00014697	1.05E-03	1.54E-07	1.45	1.57E-01	3.50E-08	1,000,000	3.50E-02
268	1.30679	0.00010824	0.00014145	1.05E-03	1.48E-07	1.45	1.57E-01	3.37E-08	1,000,000	3.37E-02
269	1.2538	0.00010824	0.00013572	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
270	1.20023	0.00010824	0.00012992	1.05E-03	1.36E-07	1.45	1.57E-01	3.09E-08	1,000,000	3.09E-02
271	1.37731	0.00010824	0.00014908	1.05E-03	1.56E-07	1.45	1.57E-01	3.55E-08	1,000,000	3.55E-02
272	1.34521	0.00010824	0.00014561	1.05E-03	1.52E-07	1.45	1.57E-01	3.47E-08	1,000,000	3.47E-02
273	1.3071	0.00010824	0.00014148	1.05E-03	1.48E-07	1.45	1.57E-01	3.37E-08	1,000,000	3.37E-02
274	1.26455	0.00010824	0.00013688	1.05E-03	1.43E-07	1.45	1.57E-01	3.26E-08	1,000,000	3.26E-02
275	1.219	0.00010824	0.00013195	1.05E-03	1.38E-07	1.45	1.57E-01	3.14E-08	1,000,000	3.14E-02
276	1.17187	0.00010824	0.00012685	1.05E-03	1.33E-07	1.45	1.57E-01	3.02E-08	1,000,000	3.02E-02
277	1.1238	0.00010824	0.00012164	1.05E-03	1.27E-07	1.45	1.57E-01	2.90E-08	1,000,000	2.90E-02
278	1.21678	0.00010824	0.00013171	1.05E-03	1.38E-07	1.45	1.57E-01	3.14E-08	1,000,000	3.14E-02
279	1.2683	0.00010824	0.00013728	1.05E-03	1.43E-07	1.45	1.57E-01	3.27E-08	1,000,000	3.27E-02
280	1.40304	0.00010824	0.00015187	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
281	1.38576	0.00010824	0.00015	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
282	1.51777	0.00010824	0.00016429	1.05E-03	1.72E-07	1.45	1.57E-01	3.91E-08	1,000,000	3.91E-02
283	1.26993	0.00010824	0.00013746	1.05E-03	1.44E-07	1.45	1.57E-01	3.27E-08	1,000,000	3.27E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	5.39637	0.00010824	0.00058412	1.05E-03	6.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.83423	0.00010824	0.00063152	1.05E-03	6.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.31405	0.00010824	0.00068345	1.05E-03	7.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.83733	0.00010824	0.00074009	1.05E-03	7.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.40425	0.00010824	0.00080146	1.05E-03	8.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.0132	0.00010824	0.00086737	1.05E-03	9.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	8.66003	0.00010824	0.00093739	1.05E-03	9.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.33754	0.00010824	0.00101072	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	10.03344	0.00010824	0.00108605	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.72964	0.00010824	0.00116141	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	11.35609	0.00010824	0.00122922	1.05E-03	1.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.89607	0.00010824	0.00063821	1.05E-03	6.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	6.41369	0.00010824	0.00069424	1.05E-03	7.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	6.98703	0.00010824	0.0007563	1.05E-03	7.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	7.61966	0.00010824	0.00082478	1.05E-03	8.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.31393	0.00010824	0.00089993	1.05E-03	9.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.07001	0.00010824	0.00098177	1.05E-03	1.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	9.88438	0.00010824	0.00106992	1.05E-03	1.12E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.74801	0.00010824	0.0011634	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.6441	0.00010824	0.00126039	1.05E-03	1.32E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	12.54914	0.00010824	0.00135836	1.05E-03	1.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.36183	0.00010824	0.00144633	1.05E-03	1.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	6.46214	0.00010824	0.00069948	1.05E-03	7.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	7.07833	0.00010824	0.00076618	1.05E-03	8.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	7.76943	0.00010824	0.00084099	1.05E-03	8.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	8.54257	0.00010824	0.00092467	1.05E-03	9.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	9.40417	0.00010824	0.00101794	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	10.35875	0.00010824	0.00112126	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.40625	0.00010824	0.00123465	1.05E-03	1.29E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.53765	0.00010824	0.00135711	1.05E-03	1.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.72996	0.00010824	0.00148617	1.05E-03	1.55E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	14.95154	0.00010824	0.0016184	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	0.00173728	1.05E-03	1.82E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	7.10344	0.00010824	0.0007689	1.05E-03	8.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	7.84157	0.00010824	0.0008488	1.05E-03	8.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	8.68156	0.00010824	0.00093972	1.05E-03	9.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	9.6368	0.00010824	0.00104312	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	10.72128	0.00010824	0.00116051	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	11.94868	0.00010824	0.00129336	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.32893	0.00010824	0.00144277	1.05E-03	1.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.86004	0.00010824	0.0016085	1.05E-03	1.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	16.51471	0.00010824	0.0017876	1.05E-03	1.87E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	18.24918	0.00010824	0.00197535	1.05E-03	2.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	19.82076	0.00010824	0.00214546	1.05E-03	2.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.82961	0.00010824	0.0008475	1.05E-03	8.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	8.71821	0.00010824	0.00094369	1.05E-03	9.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	9.74637	0.00010824	0.00105498	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	10.93834	0.00010824	0.001184	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	12.32248	0.00010824	0.00133382	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	13.93144	0.00010824	0.00150798	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	15.79951	0.00010824	0.00171019	1.05E-03	1.79E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.95195	0.00010824	0.00194318	1.05E-03	2.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	20.37615	0.00010824	0.00220558	1.05E-03	2.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	23.01995	0.00010824	0.00249175	1.05E-03	2.60E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	25.46748	0.00010824	0.00275668	1.05E-03	2.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	8.65141	0.00010824	0.00093646	1.05E-03	9.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	9.72488	0.00010824	0.00105265	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	10.98984	0.00010824	0.00118958	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	12.48868	0.00010824	0.00135181	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	14.27612	0.00010824	0.00154529	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	16.42377	0.00010824	0.00177776	1.05E-03	1.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	19.02385	0.00010824	0.0020592	1.05E-03	2.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	22.18373	0.00010824	0.00240124	1.05E-03	2.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	25.98632	0.00010824	0.00281284	1.05E-03	2.94E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	30.4538	0.00010824	0.00329642	1.05E-03	3.45E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Cancer Risk From Haul3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	0.00376858	1.05E-03	3.94E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.58095	0.00010824	0.00103707	1.05E-03	1.08E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	10.88066	0.00010824	0.00117776	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	12.44204	0.00010824	0.00134677	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	14.33614	0.00010824	0.00155179	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	16.66277	0.00010824	0.00180363	1.05E-03	1.89E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	19.56823	0.00010824	0.00211813	1.05E-03	2.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	23.27452	0.00010824	0.00251931	1.05E-03	2.63E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	28.11906	0.00010824	0.0030437	1.05E-03	3.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	34.58268	0.00010824	0.00374334	1.05E-03	3.91E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	43.35102	0.00010824	0.00469245	1.05E-03	4.90E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	53.23316	0.00010824	0.00576213	1.05E-03	6.02E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	16.0252	0.00010824	0.00173462	1.05E-03	1.81E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	18.89481	0.00010824	0.00204523	1.05E-03	2.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	23.15778	0.00010824	0.00250667	1.05E-03	2.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	28.33904	0.00010824	0.00306751	1.05E-03	3.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	36.54122	0.00010824	0.00395534	1.05E-03	4.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	48.30707	0.00010824	0.00522891	1.05E-03	5.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	68.94691	0.00010824	0.00746303	1.05E-03	7.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	106.9279	0.00010824	0.01157421	1.05E-03	1.21E-05	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.79535	0.00010824	0.00149325	1.05E-03	1.56E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	11.77374	0.00010824	0.00127443	1.05E-03	1.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50075	1.08E-04	5.42E-05	6.05E-04	3.28E-08	14	4.71E-02	2.16E-08	1,000,000	2.2E-02
2	0.53112	0.00010824	5.75E-05	6.05E-04	3.48E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
3	0.5654	0.00010824	6.12E-05	6.05E-04	3.70E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
4	0.6028	0.00010824	6.52E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
5	0.64511	0.00010824	6.98E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
6	0.49716	0.00010824	5.38E-05	6.05E-04	3.26E-08	14	4.71E-02	2.15E-08	1,000,000	2.15E-02
7	0.52724	0.00010824	5.71E-05	6.05E-04	3.45E-08	14	4.71E-02	2.28E-08	1,000,000	2.28E-02
8	0.56085	0.00010824	6.07E-05	6.05E-04	3.67E-08	14	4.71E-02	2.42E-08	1,000,000	2.42E-02
9	0.59922	0.00010824	6.49E-05	6.05E-04	3.92E-08	14	4.71E-02	2.59E-08	1,000,000	2.59E-02
10	0.64141	0.00010824	6.94E-05	6.05E-04	4.20E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
11	0.4933	0.00010824	5.34E-05	6.05E-04	3.23E-08	14	4.71E-02	2.13E-08	1,000,000	2.13E-02
12	0.5234	0.00010824	5.67E-05	6.05E-04	3.43E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02
13	0.55718	0.00010824	6.03E-05	6.05E-04	3.65E-08	14	4.71E-02	2.41E-08	1,000,000	2.41E-02
14	0.59589	0.00010824	6.45E-05	6.05E-04	3.90E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
15	0.63834	0.00010824	6.91E-05	6.05E-04	4.18E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
16	0.48981	0.00010824	5.30E-05	6.05E-04	3.21E-08	14	4.71E-02	2.12E-08	1,000,000	2.12E-02
17	0.52023	0.00010824	5.63E-05	6.05E-04	3.41E-08	14	4.71E-02	2.25E-08	1,000,000	2.25E-02
18	0.55402	0.00010824	6.00E-05	6.05E-04	3.63E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
19	0.59152	0.00010824	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
20	0.63448	0.00010824	6.87E-05	6.05E-04	4.16E-08	14	4.71E-02	2.74E-08	1,000,000	2.74E-02
21	0.48695	0.00010824	5.27E-05	6.05E-04	3.19E-08	14	4.71E-02	2.10E-08	1,000,000	2.10E-02
22	0.51738	0.00010824	5.60E-05	6.05E-04	3.39E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
23	0.55142	0.00010824	5.97E-05	6.05E-04	3.61E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
24	0.58935	0.00010824	6.38E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
25	0.63147	0.00010824	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
113	2.6316	0.00010824	2.85E-04	6.05E-04	1.72E-07	14	4.71E-02	1.14E-07	1,000,000	1.14E-01
114	2.37784	0.00010824	2.57E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
115	2.1573	0.00010824	2.34E-04	6.05E-04	1.41E-07	14	4.71E-02	9.33E-08	1,000,000	9.33E-02
116	1.96534	0.00010824	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
117	2.71073	0.00010824	2.93E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
118	2.43759	0.00010824	2.64E-04	6.05E-04	1.60E-07	14	4.71E-02	1.05E-07	1,000,000	1.05E-01
119	2.20315	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.65E-08	1,000,000	8.65E-02
121	2.78112	0.00010824	3.01E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
122	2.49038	0.00010824	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
123	2.24336	0.00010824	2.43E-04	6.05E-04	1.47E-07	14	4.71E-02	9.70E-08	1,000,000	9.70E-02
124	2.03199	0.00010824	2.20E-04	6.05E-04	1.33E-07	14	4.71E-02	8.78E-08	1,000,000	8.78E-02
125	2.84219	0.00010824	3.08E-04	6.05E-04	1.86E-07	14	4.71E-02	1.23E-07	1,000,000	1.23E-01
126	2.53591	0.00010824	2.74E-04	6.05E-04	1.66E-07	14	4.71E-02	1.10E-07	1,000,000	1.10E-01
127	2.27788	0.00010824	2.47E-04	6.05E-04	1.49E-07	14	4.71E-02	9.85E-08	1,000,000	9.85E-02
128	2.05858	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
129	2.89374	0.00010824	3.13E-04	6.05E-04	1.90E-07	14	4.71E-02	1.25E-07	1,000,000	1.25E-01
130	2.57417	0.00010824	2.79E-04	6.05E-04	1.69E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
131	2.30682	0.00010824	2.50E-04	6.05E-04	1.51E-07	14	4.71E-02	9.97E-08	1,000,000	9.97E-02
132	2.08085	0.00010824	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	8.99E-08	1,000,000	8.99E-02
133	2.93562	0.00010824	3.18E-04	6.05E-04	1.92E-07	14	4.71E-02	1.27E-07	1,000,000	1.27E-01
134	2.60511	0.00010824	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
135	2.33012	0.00010824	2.52E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
136	2.09869	0.00010824	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02
137	2.96743	0.00010824	3.21E-04	6.05E-04	1.94E-07	14	4.71E-02	1.28E-07	1,000,000	1.28E-01
138	2.34744	0.00010824	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
139	2.11178	0.00010824	2.29E-04	6.05E-04	1.38E-07	14	4.71E-02	9.13E-08	1,000,000	9.13E-02
140	2.99193	0.00010824	3.24E-04	6.05E-04	1.96E-07	14	4.71E-02	1.29E-07	1,000,000	1.29E-01
141	2.64361	0.00010824	2.86E-04	6.05E-04	1.73E-07	14	4.71E-02	1.14E-07	1,000,000	1.14E-01
142	2.35643	0.00010824	2.55E-04	6.05E-04	1.54E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
143	2.11648	0.00010824	2.29E-04	6.05E-04	1.39E-07	14	4.71E-02	9.15E-08	1,000,000	9.15E-02
144	2.96965	0.00010824	3.21E-04	6.05E-04	1.94E-07	14	4.71E-02	1.28E-07	1,000,000	1.28E-01
145	2.62535	0.00010824	2.84E-04	6.05E-04	1.72E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
146	2.34114	0.00010824	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
147	2.10348	0.00010824	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.09E-08	1,000,000	9.09E-02
148	2.92764	0.00010824	3.17E-04	6.05E-04	1.92E-07	14	4.71E-02	1.27E-07	1,000,000	1.27E-01
149	2.59239	0.00010824	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
150	2.31464	0.00010824	2.51E-04	6.05E-04	1.52E-07	14	4.71E-02	1.00E-07	1,000,000	1.00E-01
151	2.08173	0.00010824	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	9.00E-08	1,000,000	9.00E-02
152	2.86247	0.00010824	3.10E-04	6.05E-04	1.87E-07	14	4.71E-02	1.24E-07	1,000,000	1.24E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	2.75E-04	6.05E-04	1.67E-07	14	4.71E-02	1.10E-07	1,000,000	1.10E-01
154	2.27537	0.00010824	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.84E-08	1,000,000	9.84E-02
155	2.05017	0.00010824	2.22E-04	6.05E-04	1.34E-07	14	4.71E-02	8.86E-08	1,000,000	8.86E-02
156	2.77135	0.00010824	3.00E-04	6.05E-04	1.82E-07	14	4.71E-02	1.20E-07	1,000,000	1.20E-01
157	2.47293	0.00010824	2.68E-04	6.05E-04	1.62E-07	14	4.71E-02	1.07E-07	1,000,000	1.07E-01
158	2.22131	0.00010824	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.60E-08	1,000,000	9.60E-02
159	2.0073	0.00010824	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.68E-08	1,000,000	8.68E-02
160	2.65474	0.00010824	2.87E-04	6.05E-04	1.74E-07	14	4.71E-02	1.15E-07	1,000,000	1.15E-01
161	2.38287	0.00010824	2.58E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
162	2.15095	0.00010824	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.30E-08	1,000,000	9.30E-02
163	1.95128	0.00010824	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.43E-08	1,000,000	8.43E-02
164	2.51763	0.00010824	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
165	2.27442	0.00010824	2.46E-04	6.05E-04	1.49E-07	14	4.71E-02	9.83E-08	1,000,000	9.83E-02
166	2.06291	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.92E-08	1,000,000	8.92E-02
167	1.88082	0.00010824	2.04E-04	6.05E-04	1.23E-07	14	4.71E-02	8.13E-08	1,000,000	8.13E-02
168	2.36788	0.00010824	2.56E-04	6.05E-04	1.55E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
169	2.15271	0.00010824	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.31E-08	1,000,000	9.31E-02
170	1.96372	0.00010824	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.49E-08	1,000,000	8.49E-02
171	1.80043	0.00010824	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.78E-08	1,000,000	7.78E-02
172	2.2133	0.00010824	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.57E-08	1,000,000	9.57E-02
173	2.02394	0.00010824	2.19E-04	6.05E-04	1.33E-07	14	4.71E-02	8.75E-08	1,000,000	8.75E-02
174	1.85692	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
175	1.71143	0.00010824	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.40E-08	1,000,000	7.40E-02
176	2.05984	0.00010824	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
177	1.89359	0.00010824	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.19E-08	1,000,000	8.19E-02
178	1.74629	0.00010824	1.89E-04	6.05E-04	1.14E-07	14	4.71E-02	7.55E-08	1,000,000	7.55E-02
179	1.61745	0.00010824	1.75E-04	6.05E-04	1.06E-07	14	4.71E-02	6.99E-08	1,000,000	6.99E-02
180	1.91158	0.00010824	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
181	1.7651	0.00010824	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.63E-08	1,000,000	7.63E-02
182	1.63567	0.00010824	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.07E-08	1,000,000	7.07E-02
183	1.52194	0.00010824	1.65E-04	6.05E-04	9.97E-08	14	4.71E-02	6.58E-08	1,000,000	6.58E-02
184	2.59243	0.00010824	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
185	2.19528	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.49E-08	1,000,000	9.49E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.70E-08	1,000,000	8.70E-02
187	1.85534	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.02E-08	1,000,000	8.02E-02
188	1.71588	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
189	2.19717	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.50E-08	1,000,000	9.50E-02
190	2.01519	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
191	1.85697	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
192	1.71841	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.43E-08	1,000,000	7.43E-02
193	1.59488	0.00010824	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
194	2.01443	0.00010824	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
195	1.85512	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.02E-08	1,000,000	8.02E-02
196	1.71551	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
197	1.59169	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.88E-08	1,000,000	6.88E-02
198	1.48354	0.00010824	1.61E-04	6.05E-04	9.72E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
199	1.85669	0.00010824	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
200	1.71515	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.41E-08	1,000,000	7.41E-02
201	1.59003	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
202	1.47955	0.00010824	1.60E-04	6.05E-04	9.69E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
203	1.38226	0.00010824	1.50E-04	6.05E-04	9.05E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
204	2.41401	0.00010824	2.61E-04	6.05E-04	1.58E-07	14	4.71E-02	1.04E-07	1,000,000	1.04E-01
205	1.72017	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.44E-08	1,000,000	7.44E-02
206	1.59344	0.00010824	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
207	1.47985	0.00010824	1.60E-04	6.05E-04	9.69E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
208	1.38055	0.00010824	1.49E-04	6.05E-04	9.04E-08	14	4.71E-02	5.97E-08	1,000,000	5.97E-02
209	2.20204	0.00010824	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.52E-08	1,000,000	9.52E-02
210	2.02678	0.00010824	2.19E-04	6.05E-04	1.33E-07	14	4.71E-02	8.76E-08	1,000,000	8.76E-02
211	1.86887	0.00010824	2.02E-04	6.05E-04	1.22E-07	14	4.71E-02	8.08E-08	1,000,000	8.08E-02
212	1.72755	0.00010824	1.87E-04	6.05E-04	1.13E-07	14	4.71E-02	7.47E-08	1,000,000	7.47E-02
213	1.60067	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.92E-08	1,000,000	6.92E-02
214	1.48629	0.00010824	1.61E-04	6.05E-04	9.73E-08	14	4.71E-02	6.42E-08	1,000,000	6.42E-02
215	1.3842	0.00010824	1.50E-04	6.05E-04	9.07E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
216	2.14141	0.00010824	2.32E-04	6.05E-04	1.40E-07	14	4.71E-02	9.26E-08	1,000,000	9.26E-02
217	1.9911	0.00010824	2.16E-04	6.05E-04	1.30E-07	14	4.71E-02	8.61E-08	1,000,000	8.61E-02
218	1.85053	0.00010824	2.00E-04	6.05E-04	1.21E-07	14	4.71E-02	8.00E-08	1,000,000	8.00E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	1.86E-04	6.05E-04	1.13E-07	14	4.71E-02	7.45E-08	1,000,000	7.45E-02
220	1.60481	0.00010824	1.74E-04	6.05E-04	1.05E-07	14	4.71E-02	6.94E-08	1,000,000	6.94E-02
221	1.49635	0.00010824	1.62E-04	6.05E-04	9.80E-08	14	4.71E-02	6.47E-08	1,000,000	6.47E-02
222	1.95535	0.00010824	2.12E-04	6.05E-04	1.28E-07	14	4.71E-02	8.45E-08	1,000,000	8.45E-02
223	1.82595	0.00010824	1.98E-04	6.05E-04	1.20E-07	14	4.71E-02	7.89E-08	1,000,000	7.89E-02
224	1.706	0.00010824	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.37E-08	1,000,000	7.37E-02
225	1.59569	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.90E-08	1,000,000	6.90E-02
226	1.49241	0.00010824	1.62E-04	6.05E-04	9.77E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
227	1.79286	0.00010824	1.94E-04	6.05E-04	1.17E-07	14	4.71E-02	7.75E-08	1,000,000	7.75E-02
228	1.68103	0.00010824	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.27E-08	1,000,000	7.27E-02
229	1.57774	0.00010824	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
230	1.48052	0.00010824	1.60E-04	6.05E-04	9.70E-08	14	4.71E-02	6.40E-08	1,000,000	6.40E-02
231	1.65008	0.00010824	1.79E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
232	1.55383	0.00010824	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
233	1.46353	0.00010824	1.58E-04	6.05E-04	9.59E-08	14	4.71E-02	6.33E-08	1,000,000	6.33E-02
234	1.3784	0.00010824	1.49E-04	6.05E-04	9.03E-08	14	4.71E-02	5.96E-08	1,000,000	5.96E-02
235	1.52504	0.00010824	1.65E-04	6.05E-04	9.99E-08	14	4.71E-02	6.59E-08	1,000,000	6.59E-02
236	1.44105	0.00010824	1.56E-04	6.05E-04	9.44E-08	14	4.71E-02	6.23E-08	1,000,000	6.23E-02
237	1.36113	0.00010824	1.47E-04	6.05E-04	8.91E-08	14	4.71E-02	5.88E-08	1,000,000	5.88E-02
238	1.2867	0.00010824	1.39E-04	6.05E-04	8.43E-08	14	4.71E-02	5.56E-08	1,000,000	5.56E-02
239	1.41453	0.00010824	1.53E-04	6.05E-04	9.26E-08	14	4.71E-02	6.11E-08	1,000,000	6.11E-02
240	1.34043	0.00010824	1.45E-04	6.05E-04	8.78E-08	14	4.71E-02	5.79E-08	1,000,000	5.79E-02
241	1.2697	0.00010824	1.37E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02
242	1.20404	0.00010824	1.30E-04	6.05E-04	7.89E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
243	1.88743	0.00010824	2.04E-04	6.05E-04	1.24E-07	14	4.71E-02	8.16E-08	1,000,000	8.16E-02
244	1.84188	0.00010824	1.99E-04	6.05E-04	1.21E-07	14	4.71E-02	7.96E-08	1,000,000	7.96E-02
245	1.78359	0.00010824	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.71E-08	1,000,000	7.71E-02
246	1.71582	0.00010824	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
247	1.64134	0.00010824	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
248	1.56497	0.00010824	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.76E-08	1,000,000	6.76E-02
249	1.4883	0.00010824	1.61E-04	6.05E-04	9.75E-08	14	4.71E-02	6.43E-08	1,000,000	6.43E-02
250	1.73455	0.00010824	1.88E-04	6.05E-04	1.14E-07	14	4.71E-02	7.50E-08	1,000,000	7.50E-02
251	1.69291	0.00010824	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.32E-08	1,000,000	7.32E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
253	1.581	0.00010824	1.71E-04	6.05E-04	1.04E-07	14	4.71E-02	6.83E-08	1,000,000	6.83E-02
254	1.51551	0.00010824	1.64E-04	6.05E-04	9.93E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
255	1.4484	0.00010824	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
256	1.38024	0.00010824	1.49E-04	6.05E-04	9.04E-08	14	4.71E-02	5.97E-08	1,000,000	5.97E-02
257	1.60044	0.00010824	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.92E-08	1,000,000	6.92E-02
258	1.56234	0.00010824	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.75E-08	1,000,000	6.75E-02
259	1.51565	0.00010824	1.64E-04	6.05E-04	9.93E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
260	1.46251	0.00010824	1.58E-04	6.05E-04	9.58E-08	14	4.71E-02	6.32E-08	1,000,000	6.32E-02
261	1.40462	0.00010824	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
262	1.34521	0.00010824	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
263	1.28507	0.00010824	1.39E-04	6.05E-04	8.42E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
264	1.4823	0.00010824	1.60E-04	6.05E-04	9.71E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
265	1.4473	0.00010824	1.57E-04	6.05E-04	9.48E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
266	1.40515	0.00010824	1.52E-04	6.05E-04	9.20E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
267	1.35774	0.00010824	1.47E-04	6.05E-04	8.89E-08	14	4.71E-02	5.87E-08	1,000,000	5.87E-02
268	1.30679	0.00010824	1.41E-04	6.05E-04	8.56E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
269	1.2538	0.00010824	1.36E-04	6.05E-04	8.21E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
270	1.20023	0.00010824	1.30E-04	6.05E-04	7.86E-08	14	4.71E-02	5.19E-08	1,000,000	5.19E-02
271	1.37731	0.00010824	1.49E-04	6.05E-04	9.02E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
272	1.34521	0.00010824	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
273	1.3071	0.00010824	1.41E-04	6.05E-04	8.56E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
274	1.26455	0.00010824	1.37E-04	6.05E-04	8.28E-08	14	4.71E-02	5.47E-08	1,000,000	5.47E-02
275	1.219	0.00010824	1.32E-04	6.05E-04	7.98E-08	14	4.71E-02	5.27E-08	1,000,000	5.27E-02
276	1.17187	0.00010824	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
277	1.1238	0.00010824	1.22E-04	6.05E-04	7.36E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
278	1.21678	0.00010824	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
279	1.2683	0.00010824	1.37E-04	6.05E-04	8.31E-08	14	4.71E-02	5.48E-08	1,000,000	5.48E-02
280	1.40304	0.00010824	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
281	1.38576	0.00010824	1.50E-04	6.05E-04	9.08E-08	14	4.71E-02	5.99E-08	1,000,000	5.99E-02
282	1.51777	0.00010824	1.64E-04	6.05E-04	9.94E-08	14	4.71E-02	6.56E-08	1,000,000	6.56E-02
283	1.26993	0.00010824	1.37E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	5.39637	0.00010824	5.84E-04	6.05E-04	3.53E-07	10	4.71E-02	1.67E-07	1,000,000	1.67E-01
27	5.83423	0.00010824	6.32E-04	6.05E-04	3.82E-07	10	4.71E-02	1.80E-07	1,000,000	1.80E-01
28	6.31405	0.00010824	6.83E-04	6.05E-04	4.14E-07	10	4.71E-02	1.95E-07	1,000,000	1.95E-01
29	6.83733	0.00010824	7.40E-04	6.05E-04	4.48E-07	10	4.71E-02	2.11E-07	1,000,000	2.11E-01
30	7.40425	0.00010824	8.01E-04	6.05E-04	4.85E-07	10	4.71E-02	2.29E-07	1,000,000	2.29E-01
31	8.0132	0.00010824	8.67E-04	6.05E-04	5.25E-07	10	4.71E-02	2.47E-07	1,000,000	2.47E-01
32	8.66003	0.00010824	9.37E-04	6.05E-04	5.67E-07	10	4.71E-02	2.67E-07	1,000,000	2.67E-01
33	9.33754	0.00010824	1.01E-03	6.05E-04	6.12E-07	10	4.71E-02	2.88E-07	1,000,000	2.88E-01
34	10.03344	0.00010824	1.09E-03	6.05E-04	6.57E-07	10	4.71E-02	3.10E-07	1,000,000	3.10E-01
35	10.72964	0.00010824	1.16E-03	6.05E-04	7.03E-07	10	4.71E-02	3.31E-07	1,000,000	3.31E-01
36	11.35609	0.00010824	1.23E-03	6.05E-04	7.44E-07	10	4.71E-02	3.51E-07	1,000,000	3.51E-01
37	5.89607	0.00010824	6.38E-04	6.05E-04	3.86E-07	10	4.71E-02	1.82E-07	1,000,000	1.82E-01
38	6.41369	0.00010824	6.94E-04	6.05E-04	4.20E-07	10	4.71E-02	1.98E-07	1,000,000	1.98E-01
39	6.98703	0.00010824	7.56E-04	6.05E-04	4.58E-07	10	4.71E-02	2.16E-07	1,000,000	2.16E-01
40	7.61966	0.00010824	8.25E-04	6.05E-04	4.99E-07	10	4.71E-02	2.35E-07	1,000,000	2.35E-01
41	8.31393	0.00010824	9.00E-04	6.05E-04	5.45E-07	10	4.71E-02	2.57E-07	1,000,000	2.57E-01
42	9.07001	0.00010824	9.82E-04	6.05E-04	5.94E-07	10	4.71E-02	2.80E-07	1,000,000	2.80E-01
43	9.88438	0.00010824	1.07E-03	6.05E-04	6.47E-07	10	4.71E-02	3.05E-07	1,000,000	3.05E-01
44	10.74801	0.00010824	1.16E-03	6.05E-04	7.04E-07	10	4.71E-02	3.32E-07	1,000,000	3.32E-01
45	11.6441	0.00010824	1.26E-03	6.05E-04	7.63E-07	10	4.71E-02	3.60E-07	1,000,000	3.60E-01
46	12.54914	0.00010824	1.36E-03	6.05E-04	8.22E-07	10	4.71E-02	3.87E-07	1,000,000	3.87E-01
47	13.36183	0.00010824	1.45E-03	6.05E-04	8.75E-07	10	4.71E-02	4.13E-07	1,000,000	4.13E-01
48	6.46214	0.00010824	6.99E-04	6.05E-04	4.23E-07	10	4.71E-02	2.00E-07	1,000,000	2.00E-01
49	7.07833	0.00010824	7.66E-04	6.05E-04	4.64E-07	10	4.71E-02	2.19E-07	1,000,000	2.19E-01
50	7.76943	0.00010824	8.41E-04	6.05E-04	5.09E-07	10	4.71E-02	2.40E-07	1,000,000	2.40E-01
51	8.54257	0.00010824	9.25E-04	6.05E-04	5.59E-07	10	4.71E-02	2.64E-07	1,000,000	2.64E-01
52	9.40417	0.00010824	1.02E-03	6.05E-04	6.16E-07	10	4.71E-02	2.90E-07	1,000,000	2.90E-01
53	10.35875	0.00010824	1.12E-03	6.05E-04	6.78E-07	10	4.71E-02	3.20E-07	1,000,000	3.20E-01
54	11.40625	0.00010824	1.23E-03	6.05E-04	7.47E-07	10	4.71E-02	3.52E-07	1,000,000	3.52E-01
55	12.53765	0.00010824	1.36E-03	6.05E-04	8.21E-07	10	4.71E-02	3.87E-07	1,000,000	3.87E-01
56	13.72996	0.00010824	1.49E-03	6.05E-04	8.99E-07	10	4.71E-02	4.24E-07	1,000,000	4.24E-01
57	14.95154	0.00010824	1.62E-03	6.05E-04	9.79E-07	10	4.71E-02	4.62E-07	1,000,000	4.62E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	1.74E-03	6.05E-04	1.05E-06	10	4.71E-02	4.96E-07	1,000,000	4.96E-01
59	7.10344	0.00010824	7.69E-04	6.05E-04	4.65E-07	10	4.71E-02	2.19E-07	1,000,000	2.19E-01
60	7.84157	0.00010824	8.49E-04	6.05E-04	5.14E-07	10	4.71E-02	2.42E-07	1,000,000	2.42E-01
61	8.68156	0.00010824	9.40E-04	6.05E-04	5.69E-07	10	4.71E-02	2.68E-07	1,000,000	2.68E-01
62	9.6368	0.00010824	1.04E-03	6.05E-04	6.31E-07	10	4.71E-02	2.98E-07	1,000,000	2.98E-01
63	10.72128	0.00010824	1.16E-03	6.05E-04	7.02E-07	10	4.71E-02	3.31E-07	1,000,000	3.31E-01
64	11.94868	0.00010824	1.29E-03	6.05E-04	7.83E-07	10	4.71E-02	3.69E-07	1,000,000	3.69E-01
65	13.32893	0.00010824	1.44E-03	6.05E-04	8.73E-07	10	4.71E-02	4.12E-07	1,000,000	4.12E-01
66	14.86004	0.00010824	1.61E-03	6.05E-04	9.73E-07	10	4.71E-02	4.59E-07	1,000,000	4.59E-01
67	16.51471	0.00010824	1.79E-03	6.05E-04	1.08E-06	10	4.71E-02	5.10E-07	1,000,000	5.10E-01
68	18.24918	0.00010824	1.98E-03	6.05E-04	1.20E-06	10	4.71E-02	5.63E-07	1,000,000	5.63E-01
69	19.82076	0.00010824	2.15E-03	6.05E-04	1.30E-06	10	4.71E-02	6.12E-07	1,000,000	6.12E-01
70	7.82961	0.00010824	8.48E-04	6.05E-04	5.13E-07	10	4.71E-02	2.42E-07	1,000,000	2.42E-01
71	8.71821	0.00010824	9.44E-04	6.05E-04	5.71E-07	10	4.71E-02	2.69E-07	1,000,000	2.69E-01
72	9.74637	0.00010824	1.05E-03	6.05E-04	6.38E-07	10	4.71E-02	3.01E-07	1,000,000	3.01E-01
73	10.93834	0.00010824	1.18E-03	6.05E-04	7.16E-07	10	4.71E-02	3.38E-07	1,000,000	3.38E-01
74	12.32248	0.00010824	1.33E-03	6.05E-04	8.07E-07	10	4.71E-02	3.80E-07	1,000,000	3.80E-01
75	13.93144	0.00010824	1.51E-03	6.05E-04	9.12E-07	10	4.71E-02	4.30E-07	1,000,000	4.30E-01
76	15.79951	0.00010824	1.71E-03	6.05E-04	1.03E-06	10	4.71E-02	4.88E-07	1,000,000	4.88E-01
77	17.95195	0.00010824	1.94E-03	6.05E-04	1.18E-06	10	4.71E-02	5.54E-07	1,000,000	5.54E-01
78	20.37615	0.00010824	2.21E-03	6.05E-04	1.33E-06	10	4.71E-02	6.29E-07	1,000,000	6.29E-01
79	23.01995	0.00010824	2.49E-03	6.05E-04	1.51E-06	10	4.71E-02	7.11E-07	1,000,000	7.11E-01
80	25.46748	0.00010824	2.76E-03	6.05E-04	1.67E-06	10	4.71E-02	7.86E-07	1,000,000	7.86E-01
81	8.65141	0.00010824	9.36E-04	6.05E-04	5.67E-07	10	4.71E-02	2.67E-07	1,000,000	2.67E-01
82	9.72488	0.00010824	1.05E-03	6.05E-04	6.37E-07	10	4.71E-02	3.00E-07	1,000,000	3.00E-01
83	10.98984	0.00010824	1.19E-03	6.05E-04	7.20E-07	10	4.71E-02	3.39E-07	1,000,000	3.39E-01
84	12.48868	0.00010824	1.35E-03	6.05E-04	8.18E-07	10	4.71E-02	3.86E-07	1,000,000	3.86E-01
85	14.27612	0.00010824	1.55E-03	6.05E-04	9.35E-07	10	4.71E-02	4.41E-07	1,000,000	4.41E-01
86	16.42377	0.00010824	1.78E-03	6.05E-04	1.08E-06	10	4.71E-02	5.07E-07	1,000,000	5.07E-01
87	19.02385	0.00010824	2.06E-03	6.05E-04	1.25E-06	10	4.71E-02	5.87E-07	1,000,000	5.87E-01
88	22.18373	0.00010824	2.40E-03	6.05E-04	1.45E-06	10	4.71E-02	6.85E-07	1,000,000	6.85E-01
89	25.98632	0.00010824	2.81E-03	6.05E-04	1.70E-06	10	4.71E-02	8.02E-07	1,000,000	8.02E-01
90	30.4538	0.00010824	3.30E-03	6.05E-04	1.99E-06	10	4.71E-02	9.40E-07	1,000,000	9.40E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	3.77E-03	6.05E-04	2.28E-06	10	4.71E-02	1.07E-06	1,000,000	1.07E+00
92	9.58095	0.00010824	1.04E-03	6.05E-04	6.27E-07	10	4.71E-02	2.96E-07	1,000,000	2.96E-01
93	10.88066	0.00010824	1.18E-03	6.05E-04	7.13E-07	10	4.71E-02	3.36E-07	1,000,000	3.36E-01
94	12.44204	0.00010824	1.35E-03	6.05E-04	8.15E-07	10	4.71E-02	3.84E-07	1,000,000	3.84E-01
95	14.33614	0.00010824	1.55E-03	6.05E-04	9.39E-07	10	4.71E-02	4.43E-07	1,000,000	4.43E-01
96	16.66277	0.00010824	1.80E-03	6.05E-04	1.09E-06	10	4.71E-02	5.14E-07	1,000,000	5.14E-01
97	19.56823	0.00010824	2.12E-03	6.05E-04	1.28E-06	10	4.71E-02	6.04E-07	1,000,000	6.04E-01
98	23.27452	0.00010824	2.52E-03	6.05E-04	1.52E-06	10	4.71E-02	7.19E-07	1,000,000	7.19E-01
99	28.11906	0.00010824	3.04E-03	6.05E-04	1.84E-06	10	4.71E-02	8.68E-07	1,000,000	8.68E-01
100	34.58268	0.00010824	3.74E-03	6.05E-04	2.26E-06	10	4.71E-02	1.07E-06	1,000,000	1.07E+00
101	43.35102	0.00010824	4.69E-03	6.05E-04	2.84E-06	10	4.71E-02	1.34E-06	1,000,000	1.34E+00
102	53.23316	0.00010824	5.76E-03	6.05E-04	3.49E-06	10	4.71E-02	1.64E-06	1,000,000	1.64E+00
103	16.0252	0.00010824	1.73E-03	6.05E-04	1.05E-06	10	4.71E-02	4.95E-07	1,000,000	4.95E-01
104	18.89481	0.00010824	2.05E-03	6.05E-04	1.24E-06	10	4.71E-02	5.83E-07	1,000,000	5.83E-01
105	23.15778	0.00010824	2.51E-03	6.05E-04	1.52E-06	10	4.71E-02	7.15E-07	1,000,000	7.15E-01
106	28.33904	0.00010824	3.07E-03	6.05E-04	1.86E-06	10	4.71E-02	8.75E-07	1,000,000	8.75E-01
107	36.54122	0.00010824	3.96E-03	6.05E-04	2.39E-06	10	4.71E-02	1.13E-06	1,000,000	1.13E+00
108	48.30707	0.00010824	5.23E-03	6.05E-04	3.16E-06	10	4.71E-02	1.49E-06	1,000,000	1.49E+00
109	68.94691	0.00010824	7.46E-03	6.05E-04	4.52E-06	10	4.71E-02	2.13E-06	1,000,000	2.13E+00
110	106.9279	0.00010824	1.16E-02	6.05E-04	7.00E-06	10	4.71E-02	3.30E-06	1,000,000	3.30E+00
111	13.79535	0.00010824	1.49E-03	6.05E-04	9.04E-07	10	4.71E-02	4.26E-07	1,000,000	4.26E-01
112	11.77374	0.00010824	1.27E-03	6.05E-04	7.71E-07	10	4.71E-02	3.64E-07	1,000,000	3.64E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50075	1.08E-04	5.42E-05	2.50E-04	1.36E-08	14	1.15E-02	2.18E-09	1000000.0	2.2E-03
2	0.53112	0.00010824	5.75E-05	2.50E-04	1.44E-08	14	1.15E-02	2.31E-09	1,000,000	2.31E-03
3	0.5654	0.00010824	6.12E-05	2.50E-04	1.53E-08	14	1.15E-02	2.46E-09	1,000,000	2.46E-03
4	0.6028	0.00010824	6.52E-05	2.50E-04	1.63E-08	14	1.15E-02	2.62E-09	1,000,000	2.62E-03
5	0.64511	0.00010824	6.98E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
6	0.49716	0.00010824	5.38E-05	2.50E-04	1.35E-08	14	1.15E-02	2.16E-09	1,000,000	2.16E-03
7	0.52724	0.00010824	5.71E-05	2.50E-04	1.43E-08	14	1.15E-02	2.29E-09	1,000,000	2.29E-03
8	0.56085	0.00010824	6.07E-05	2.50E-04	1.52E-08	14	1.15E-02	2.44E-09	1,000,000	2.44E-03
9	0.59922	0.00010824	6.49E-05	2.50E-04	1.62E-08	14	1.15E-02	2.61E-09	1,000,000	2.61E-03
10	0.64141	0.00010824	6.94E-05	2.50E-04	1.74E-08	14	1.15E-02	2.79E-09	1,000,000	2.79E-03
11	0.4933	0.00010824	5.34E-05	2.50E-04	1.34E-08	14	1.15E-02	2.15E-09	1,000,000	2.15E-03
12	0.5234	0.00010824	5.67E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
13	0.55718	0.00010824	6.03E-05	2.50E-04	1.51E-08	14	1.15E-02	2.42E-09	1,000,000	2.42E-03
14	0.59589	0.00010824	6.45E-05	2.50E-04	1.61E-08	14	1.15E-02	2.59E-09	1,000,000	2.59E-03
15	0.63834	0.00010824	6.91E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
16	0.48981	0.00010824	5.30E-05	2.50E-04	1.33E-08	14	1.15E-02	2.13E-09	1,000,000	2.13E-03
17	0.52023	0.00010824	5.63E-05	2.50E-04	1.41E-08	14	1.15E-02	2.26E-09	1,000,000	2.26E-03
18	0.55402	0.00010824	6.00E-05	2.50E-04	1.50E-08	14	1.15E-02	2.41E-09	1,000,000	2.41E-03
19	0.59152	0.00010824	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
20	0.63448	0.00010824	6.87E-05	2.50E-04	1.72E-08	14	1.15E-02	2.76E-09	1,000,000	2.76E-03
21	0.48695	0.00010824	5.27E-05	2.50E-04	1.32E-08	14	1.15E-02	2.12E-09	1,000,000	2.12E-03
22	0.51738	0.00010824	5.60E-05	2.50E-04	1.40E-08	14	1.15E-02	2.25E-09	1,000,000	2.25E-03
23	0.55142	0.00010824	5.97E-05	2.50E-04	1.49E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
24	0.58935	0.00010824	6.38E-05	2.50E-04	1.60E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
25	0.63147	0.00010824	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
113	2.6316	0.00010824	2.85E-04	2.50E-04	7.13E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
114	2.37784	0.00010824	2.57E-04	2.50E-04	6.44E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
115	2.1573	0.00010824	2.34E-04	2.50E-04	5.84E-08	14	1.15E-02	9.39E-09	1,000,000	9.39E-03
116	1.96534	0.00010824	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.55E-09	1,000,000	8.55E-03
117	2.71073	0.00010824	2.93E-04	2.50E-04	7.34E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
118	2.43759	0.00010824	2.64E-04	2.50E-04	6.60E-08	14	1.15E-02	1.06E-08	1,000,000	1.06E-02
119	2.20315	0.00010824	2.38E-04	2.50E-04	5.97E-08	14	1.15E-02	9.59E-09	1,000,000	9.59E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.00095	0.00010824	2.17E-04	2.50E-04	5.42E-08	14	1.15E-02	8.71E-09	1,000,000	8.71E-03
121	2.78112	0.00010824	3.01E-04	2.50E-04	7.53E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
122	2.49038	0.00010824	2.70E-04	2.50E-04	6.75E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
123	2.24336	0.00010824	2.43E-04	2.50E-04	6.08E-08	14	1.15E-02	9.76E-09	1,000,000	9.76E-03
124	2.03199	0.00010824	2.20E-04	2.50E-04	5.50E-08	14	1.15E-02	8.84E-09	1,000,000	8.84E-03
125	2.84219	0.00010824	3.08E-04	2.50E-04	7.70E-08	14	1.15E-02	1.24E-08	1,000,000	1.24E-02
126	2.53591	0.00010824	2.74E-04	2.50E-04	6.87E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
127	2.27788	0.00010824	2.47E-04	2.50E-04	6.17E-08	14	1.15E-02	9.91E-09	1,000,000	9.91E-03
128	2.05858	0.00010824	2.23E-04	2.50E-04	5.58E-08	14	1.15E-02	8.96E-09	1,000,000	8.96E-03
129	2.89374	0.00010824	3.13E-04	2.50E-04	7.84E-08	14	1.15E-02	1.26E-08	1,000,000	1.26E-02
130	2.57417	0.00010824	2.79E-04	2.50E-04	6.97E-08	14	1.15E-02	1.12E-08	1,000,000	1.12E-02
131	2.30682	0.00010824	2.50E-04	2.50E-04	6.25E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
132	2.08085	0.00010824	2.25E-04	2.50E-04	5.64E-08	14	1.15E-02	9.05E-09	1,000,000	9.05E-03
133	2.93562	0.00010824	3.18E-04	2.50E-04	7.95E-08	14	1.15E-02	1.28E-08	1,000,000	1.28E-02
134	2.60511	0.00010824	2.82E-04	2.50E-04	7.06E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
135	2.33012	0.00010824	2.52E-04	2.50E-04	6.31E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
136	2.09869	0.00010824	2.27E-04	2.50E-04	5.69E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03
137	2.96743	0.00010824	3.21E-04	2.50E-04	8.04E-08	14	1.15E-02	1.29E-08	1,000,000	1.29E-02
138	2.34744	0.00010824	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
139	2.11178	0.00010824	2.29E-04	2.50E-04	5.72E-08	14	1.15E-02	9.19E-09	1,000,000	9.19E-03
140	2.99193	0.00010824	3.24E-04	2.50E-04	8.11E-08	14	1.15E-02	1.30E-08	1,000,000	1.30E-02
141	2.64361	0.00010824	2.86E-04	2.50E-04	7.16E-08	14	1.15E-02	1.15E-08	1,000,000	1.15E-02
142	2.35643	0.00010824	2.55E-04	2.50E-04	6.38E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
143	2.11648	0.00010824	2.29E-04	2.50E-04	5.73E-08	14	1.15E-02	9.21E-09	1,000,000	9.21E-03
144	2.96965	0.00010824	3.21E-04	2.50E-04	8.04E-08	14	1.15E-02	1.29E-08	1,000,000	1.29E-02
145	2.62535	0.00010824	2.84E-04	2.50E-04	7.11E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
146	2.34114	0.00010824	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
147	2.10348	0.00010824	2.28E-04	2.50E-04	5.70E-08	14	1.15E-02	9.15E-09	1,000,000	9.15E-03
148	2.92764	0.00010824	3.17E-04	2.50E-04	7.93E-08	14	1.15E-02	1.27E-08	1,000,000	1.27E-02
149	2.59239	0.00010824	2.81E-04	2.50E-04	7.02E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
150	2.31464	0.00010824	2.51E-04	2.50E-04	6.27E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
151	2.08173	0.00010824	2.25E-04	2.50E-04	5.64E-08	14	1.15E-02	9.06E-09	1,000,000	9.06E-03
152	2.86247	0.00010824	3.10E-04	2.50E-04	7.75E-08	14	1.15E-02	1.25E-08	1,000,000	1.25E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.54243	0.00010824	2.75E-04	2.50E-04	6.89E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
154	2.27537	0.00010824	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
155	2.05017	0.00010824	2.22E-04	2.50E-04	5.55E-08	14	1.15E-02	8.92E-09	1,000,000	8.92E-03
156	2.77135	0.00010824	3.00E-04	2.50E-04	7.51E-08	14	1.15E-02	1.21E-08	1,000,000	1.21E-02
157	2.47293	0.00010824	2.68E-04	2.50E-04	6.70E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
158	2.22131	0.00010824	2.40E-04	2.50E-04	6.02E-08	14	1.15E-02	9.66E-09	1,000,000	9.66E-03
159	2.0073	0.00010824	2.17E-04	2.50E-04	5.44E-08	14	1.15E-02	8.73E-09	1,000,000	8.73E-03
160	2.65474	0.00010824	2.87E-04	2.50E-04	7.19E-08	14	1.15E-02	1.16E-08	1,000,000	1.16E-02
161	2.38287	0.00010824	2.58E-04	2.50E-04	6.46E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
162	2.15095	0.00010824	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.36E-09	1,000,000	9.36E-03
163	1.95128	0.00010824	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.49E-09	1,000,000	8.49E-03
164	2.51763	0.00010824	2.73E-04	2.50E-04	6.82E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
165	2.27442	0.00010824	2.46E-04	2.50E-04	6.16E-08	14	1.15E-02	9.90E-09	1,000,000	9.90E-03
166	2.06291	0.00010824	2.23E-04	2.50E-04	5.59E-08	14	1.15E-02	8.98E-09	1,000,000	8.98E-03
167	1.88082	0.00010824	2.04E-04	2.50E-04	5.10E-08	14	1.15E-02	8.18E-09	1,000,000	8.18E-03
168	2.36788	0.00010824	2.56E-04	2.50E-04	6.41E-08	14	1.15E-02	1.03E-08	1,000,000	1.03E-02
169	2.15271	0.00010824	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.37E-09	1,000,000	9.37E-03
170	1.96372	0.00010824	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.54E-09	1,000,000	8.54E-03
171	1.80043	0.00010824	1.95E-04	2.50E-04	4.88E-08	14	1.15E-02	7.83E-09	1,000,000	7.83E-03
172	2.2133	0.00010824	2.40E-04	2.50E-04	6.00E-08	14	1.15E-02	9.63E-09	1,000,000	9.63E-03
173	2.02394	0.00010824	2.19E-04	2.50E-04	5.48E-08	14	1.15E-02	8.81E-09	1,000,000	8.81E-03
174	1.85692	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
175	1.71143	0.00010824	1.85E-04	2.50E-04	4.64E-08	14	1.15E-02	7.45E-09	1,000,000	7.45E-03
176	2.05984	0.00010824	2.23E-04	2.50E-04	5.58E-08	14	1.15E-02	8.96E-09	1,000,000	8.96E-03
177	1.89359	0.00010824	2.05E-04	2.50E-04	5.13E-08	14	1.15E-02	8.24E-09	1,000,000	8.24E-03
178	1.74629	0.00010824	1.89E-04	2.50E-04	4.73E-08	14	1.15E-02	7.60E-09	1,000,000	7.60E-03
179	1.61745	0.00010824	1.75E-04	2.50E-04	4.38E-08	14	1.15E-02	7.04E-09	1,000,000	7.04E-03
180	1.91158	0.00010824	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.32E-09	1,000,000	8.32E-03
181	1.7651	0.00010824	1.91E-04	2.50E-04	4.78E-08	14	1.15E-02	7.68E-09	1,000,000	7.68E-03
182	1.63567	0.00010824	1.77E-04	2.50E-04	4.43E-08	14	1.15E-02	7.12E-09	1,000,000	7.12E-03
183	1.52194	0.00010824	1.65E-04	2.50E-04	4.12E-08	14	1.15E-02	6.62E-09	1,000,000	6.62E-03
184	2.59243	0.00010824	2.81E-04	2.50E-04	7.02E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
185	2.19528	0.00010824	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.55E-09	1,000,000	9.55E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.01353	0.00010824	2.18E-04	2.50E-04	5.45E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
187	1.85534	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.07E-09	1,000,000	8.07E-03
188	1.71588	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
189	2.19717	0.00010824	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.56E-09	1,000,000	9.56E-03
190	2.01519	0.00010824	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.77E-09	1,000,000	8.77E-03
191	1.85697	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
192	1.71841	0.00010824	1.86E-04	2.50E-04	4.66E-08	14	1.15E-02	7.48E-09	1,000,000	7.48E-03
193	1.59488	0.00010824	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
194	2.01443	0.00010824	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
195	1.85512	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.07E-09	1,000,000	8.07E-03
196	1.71551	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
197	1.59169	0.00010824	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
198	1.48354	0.00010824	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
199	1.85669	0.00010824	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.08E-09	1,000,000	8.08E-03
200	1.71515	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
201	1.59003	0.00010824	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
202	1.47955	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
203	1.38226	0.00010824	1.50E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
204	2.41401	0.00010824	2.61E-04	2.50E-04	6.54E-08	14	1.15E-02	1.05E-08	1,000,000	1.05E-02
205	1.72017	0.00010824	1.86E-04	2.50E-04	4.66E-08	14	1.15E-02	7.48E-09	1,000,000	7.48E-03
206	1.59344	0.00010824	1.72E-04	2.50E-04	4.32E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
207	1.47985	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
208	1.38055	0.00010824	1.49E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
209	2.20204	0.00010824	2.38E-04	2.50E-04	5.97E-08	14	1.15E-02	9.58E-09	1,000,000	9.58E-03
210	2.02678	0.00010824	2.19E-04	2.50E-04	5.49E-08	14	1.15E-02	8.82E-09	1,000,000	8.82E-03
211	1.86887	0.00010824	2.02E-04	2.50E-04	5.06E-08	14	1.15E-02	8.13E-09	1,000,000	8.13E-03
212	1.72755	0.00010824	1.87E-04	2.50E-04	4.68E-08	14	1.15E-02	7.52E-09	1,000,000	7.52E-03
213	1.60067	0.00010824	1.73E-04	2.50E-04	4.34E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
214	1.48629	0.00010824	1.61E-04	2.50E-04	4.03E-08	14	1.15E-02	6.47E-09	1,000,000	6.47E-03
215	1.3842	0.00010824	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
216	2.14141	0.00010824	2.32E-04	2.50E-04	5.80E-08	14	1.15E-02	9.32E-09	1,000,000	9.32E-03
217	1.9911	0.00010824	2.16E-04	2.50E-04	5.39E-08	14	1.15E-02	8.66E-09	1,000,000	8.66E-03
218	1.85053	0.00010824	2.00E-04	2.50E-04	5.01E-08	14	1.15E-02	8.05E-09	1,000,000	8.05E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.72297	0.00010824	1.86E-04	2.50E-04	4.67E-08	14	1.15E-02	7.50E-09	1,000,000	7.50E-03
220	1.60481	0.00010824	1.74E-04	2.50E-04	4.35E-08	14	1.15E-02	6.98E-09	1,000,000	6.98E-03
221	1.49635	0.00010824	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.51E-09	1,000,000	6.51E-03
222	1.95535	0.00010824	2.12E-04	2.50E-04	5.30E-08	14	1.15E-02	8.51E-09	1,000,000	8.51E-03
223	1.82595	0.00010824	1.98E-04	2.50E-04	4.95E-08	14	1.15E-02	7.94E-09	1,000,000	7.94E-03
224	1.706	0.00010824	1.85E-04	2.50E-04	4.62E-08	14	1.15E-02	7.42E-09	1,000,000	7.42E-03
225	1.59569	0.00010824	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
226	1.49241	0.00010824	1.62E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
227	1.79286	0.00010824	1.94E-04	2.50E-04	4.86E-08	14	1.15E-02	7.80E-09	1,000,000	7.80E-03
228	1.68103	0.00010824	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
229	1.57774	0.00010824	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
230	1.48052	0.00010824	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.44E-09	1,000,000	6.44E-03
231	1.65008	0.00010824	1.79E-04	2.50E-04	4.47E-08	14	1.15E-02	7.18E-09	1,000,000	7.18E-03
232	1.55383	0.00010824	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
233	1.46353	0.00010824	1.58E-04	2.50E-04	3.96E-08	14	1.15E-02	6.37E-09	1,000,000	6.37E-03
234	1.3784	0.00010824	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	6.00E-09	1,000,000	6.00E-03
235	1.52504	0.00010824	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
236	1.44105	0.00010824	1.56E-04	2.50E-04	3.90E-08	14	1.15E-02	6.27E-09	1,000,000	6.27E-03
237	1.36113	0.00010824	1.47E-04	2.50E-04	3.69E-08	14	1.15E-02	5.92E-09	1,000,000	5.92E-03
238	1.2867	0.00010824	1.39E-04	2.50E-04	3.49E-08	14	1.15E-02	5.60E-09	1,000,000	5.60E-03
239	1.41453	0.00010824	1.53E-04	2.50E-04	3.83E-08	14	1.15E-02	6.15E-09	1,000,000	6.15E-03
240	1.34043	0.00010824	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.83E-09	1,000,000	5.83E-03
241	1.2697	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.52E-09	1,000,000	5.52E-03
242	1.20404	0.00010824	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
243	1.88743	0.00010824	2.04E-04	2.50E-04	5.11E-08	14	1.15E-02	8.21E-09	1,000,000	8.21E-03
244	1.84188	0.00010824	1.99E-04	2.50E-04	4.99E-08	14	1.15E-02	8.01E-09	1,000,000	8.01E-03
245	1.78359	0.00010824	1.93E-04	2.50E-04	4.83E-08	14	1.15E-02	7.76E-09	1,000,000	7.76E-03
246	1.71582	0.00010824	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
247	1.64134	0.00010824	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
248	1.56497	0.00010824	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
249	1.4883	0.00010824	1.61E-04	2.50E-04	4.03E-08	14	1.15E-02	6.48E-09	1,000,000	6.48E-03
250	1.73455	0.00010824	1.88E-04	2.50E-04	4.70E-08	14	1.15E-02	7.55E-09	1,000,000	7.55E-03
251	1.69291	0.00010824	1.83E-04	2.50E-04	4.59E-08	14	1.15E-02	7.37E-09	1,000,000	7.37E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.64086	0.00010824	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
253	1.581	0.00010824	1.71E-04	2.50E-04	4.28E-08	14	1.15E-02	6.88E-09	1,000,000	6.88E-03
254	1.51551	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
255	1.4484	0.00010824	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
256	1.38024	0.00010824	1.49E-04	2.50E-04	3.74E-08	14	1.15E-02	6.01E-09	1,000,000	6.01E-03
257	1.60044	0.00010824	1.73E-04	2.50E-04	4.34E-08	14	1.15E-02	6.96E-09	1,000,000	6.96E-03
258	1.56234	0.00010824	1.69E-04	2.50E-04	4.23E-08	14	1.15E-02	6.80E-09	1,000,000	6.80E-03
259	1.51565	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
260	1.46251	0.00010824	1.58E-04	2.50E-04	3.96E-08	14	1.15E-02	6.36E-09	1,000,000	6.36E-03
261	1.40462	0.00010824	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
262	1.34521	0.00010824	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
263	1.28507	0.00010824	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.59E-09	1,000,000	5.59E-03
264	1.4823	0.00010824	1.60E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
265	1.4473	0.00010824	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
266	1.40515	0.00010824	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
267	1.35774	0.00010824	1.47E-04	2.50E-04	3.68E-08	14	1.15E-02	5.91E-09	1,000,000	5.91E-03
268	1.30679	0.00010824	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.69E-09	1,000,000	5.69E-03
269	1.2538	0.00010824	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03
270	1.20023	0.00010824	1.30E-04	2.50E-04	3.25E-08	14	1.15E-02	5.22E-09	1,000,000	5.22E-03
271	1.37731	0.00010824	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.99E-09	1,000,000	5.99E-03
272	1.34521	0.00010824	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
273	1.3071	0.00010824	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.69E-09	1,000,000	5.69E-03
274	1.26455	0.00010824	1.37E-04	2.50E-04	3.43E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
275	1.219	0.00010824	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
276	1.17187	0.00010824	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
277	1.1238	0.00010824	1.22E-04	2.50E-04	3.04E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
278	1.21678	0.00010824	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.29E-09	1,000,000	5.29E-03
279	1.2683	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.52E-09	1,000,000	5.52E-03
280	1.40304	0.00010824	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
281	1.38576	0.00010824	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.03E-09	1,000,000	6.03E-03
282	1.51777	0.00010824	1.64E-04	2.50E-04	4.11E-08	14	1.15E-02	6.60E-09	1,000,000	6.60E-03
283	1.26993	0.00010824	1.37E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Cancer Risk From Haul3 - 17 to 30 years					
					School Recepors					
26	5.39637	0.00010824	5.84E-04	2.50E-04	1.46E-07	30	1.15E-02	5.03E-08	1,000,000	5.03E-02
27	5.83423	0.00010824	6.32E-04	2.50E-04	1.58E-07	30	1.15E-02	5.44E-08	1,000,000	5.44E-02
28	6.31405	0.00010824	6.83E-04	2.50E-04	1.71E-07	30	1.15E-02	5.89E-08	1,000,000	5.89E-02
29	6.83733	0.00010824	7.40E-04	2.50E-04	1.85E-07	30	1.15E-02	6.37E-08	1,000,000	6.37E-02
30	7.40425	0.00010824	8.01E-04	2.50E-04	2.01E-07	30	1.15E-02	6.90E-08	1,000,000	6.90E-02
31	8.0132	0.00010824	8.67E-04	2.50E-04	2.17E-07	30	1.15E-02	7.47E-08	1,000,000	7.47E-02
32	8.66003	0.00010824	9.37E-04	2.50E-04	2.35E-07	30	1.15E-02	8.07E-08	1,000,000	8.07E-02
33	9.33754	0.00010824	1.01E-03	2.50E-04	2.53E-07	30	1.15E-02	8.71E-08	1,000,000	8.71E-02
34	10.03344	0.00010824	1.09E-03	2.50E-04	2.72E-07	30	1.15E-02	9.35E-08	1,000,000	9.35E-02
35	10.72964	0.00010824	1.16E-03	2.50E-04	2.91E-07	30	1.15E-02	1.00E-07	1,000,000	1.00E-01
36	11.35609	0.00010824	1.23E-03	2.50E-04	3.08E-07	30	1.15E-02	1.06E-07	1,000,000	1.06E-01
37	5.89607	0.00010824	6.38E-04	2.50E-04	1.60E-07	30	1.15E-02	5.50E-08	1,000,000	5.50E-02
38	6.41369	0.00010824	6.94E-04	2.50E-04	1.74E-07	30	1.15E-02	5.98E-08	1,000,000	5.98E-02
39	6.98703	0.00010824	7.56E-04	2.50E-04	1.89E-07	30	1.15E-02	6.51E-08	1,000,000	6.51E-02
40	7.61966	0.00010824	8.25E-04	2.50E-04	2.06E-07	30	1.15E-02	7.10E-08	1,000,000	7.10E-02
41	8.31393	0.00010824	9.00E-04	2.50E-04	2.25E-07	30	1.15E-02	7.75E-08	1,000,000	7.75E-02
42	9.07001	0.00010824	9.82E-04	2.50E-04	2.46E-07	30	1.15E-02	8.46E-08	1,000,000	8.46E-02
43	9.88438	0.00010824	1.07E-03	2.50E-04	2.68E-07	30	1.15E-02	9.22E-08	1,000,000	9.22E-02
44	10.74801	0.00010824	1.16E-03	2.50E-04	2.91E-07	30	1.15E-02	1.00E-07	1,000,000	1.00E-01
45	11.6441	0.00010824	1.26E-03	2.50E-04	3.15E-07	30	1.15E-02	1.09E-07	1,000,000	1.09E-01
46	12.54914	0.00010824	1.36E-03	2.50E-04	3.40E-07	30	1.15E-02	1.17E-07	1,000,000	1.17E-01
47	13.36183	0.00010824	1.45E-03	2.50E-04	3.62E-07	30	1.15E-02	1.25E-07	1,000,000	1.25E-01
48	6.46214	0.00010824	6.99E-04	2.50E-04	1.75E-07	30	1.15E-02	6.02E-08	1,000,000	6.02E-02
49	7.07833	0.00010824	7.66E-04	2.50E-04	1.92E-07	30	1.15E-02	6.60E-08	1,000,000	6.60E-02
50	7.76943	0.00010824	8.41E-04	2.50E-04	2.10E-07	30	1.15E-02	7.24E-08	1,000,000	7.24E-02
51	8.54257	0.00010824	9.25E-04	2.50E-04	2.31E-07	30	1.15E-02	7.96E-08	1,000,000	7.96E-02
52	9.40417	0.00010824	1.02E-03	2.50E-04	2.55E-07	30	1.15E-02	8.77E-08	1,000,000	8.77E-02
53	10.35875	0.00010824	1.12E-03	2.50E-04	2.81E-07	30	1.15E-02	9.66E-08	1,000,000	9.66E-02
54	11.40625	0.00010824	1.23E-03	2.50E-04	3.09E-07	30	1.15E-02	1.06E-07	1,000,000	1.06E-01
55	12.53765	0.00010824	1.36E-03	2.50E-04	3.40E-07	30	1.15E-02	1.17E-07	1,000,000	1.17E-01
56	13.72996	0.00010824	1.49E-03	2.50E-04	3.72E-07	30	1.15E-02	1.28E-07	1,000,000	1.28E-01
57	14.95154	0.00010824	1.62E-03	2.50E-04	4.05E-07	30	1.15E-02	1.39E-07	1,000,000	1.39E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	16.0498	0.00010824	1.74E-03	2.50E-04	4.35E-07	30	1.15E-02	1.50E-07	1,000,000	1.50E-01
59	7.10344	0.00010824	7.69E-04	2.50E-04	1.92E-07	30	1.15E-02	6.62E-08	1,000,000	6.62E-02
60	7.84157	0.00010824	8.49E-04	2.50E-04	2.12E-07	30	1.15E-02	7.31E-08	1,000,000	7.31E-02
61	8.68156	0.00010824	9.40E-04	2.50E-04	2.35E-07	30	1.15E-02	8.09E-08	1,000,000	8.09E-02
62	9.6368	0.00010824	1.04E-03	2.50E-04	2.61E-07	30	1.15E-02	8.98E-08	1,000,000	8.98E-02
63	10.72128	0.00010824	1.16E-03	2.50E-04	2.90E-07	30	1.15E-02	1.00E-07	1,000,000	1.00E-01
64	11.94868	0.00010824	1.29E-03	2.50E-04	3.24E-07	30	1.15E-02	1.11E-07	1,000,000	1.11E-01
65	13.32893	0.00010824	1.44E-03	2.50E-04	3.61E-07	30	1.15E-02	1.24E-07	1,000,000	1.24E-01
66	14.86004	0.00010824	1.61E-03	2.50E-04	4.03E-07	30	1.15E-02	1.39E-07	1,000,000	1.39E-01
67	16.51471	0.00010824	1.79E-03	2.50E-04	4.47E-07	30	1.15E-02	1.54E-07	1,000,000	1.54E-01
68	18.24918	0.00010824	1.98E-03	2.50E-04	4.94E-07	30	1.15E-02	1.70E-07	1,000,000	1.70E-01
69	19.82076	0.00010824	2.15E-03	2.50E-04	5.37E-07	30	1.15E-02	1.85E-07	1,000,000	1.85E-01
70	7.82961	0.00010824	8.48E-04	2.50E-04	2.12E-07	30	1.15E-02	7.30E-08	1,000,000	7.30E-02
71	8.71821	0.00010824	9.44E-04	2.50E-04	2.36E-07	30	1.15E-02	8.13E-08	1,000,000	8.13E-02
72	9.74637	0.00010824	1.05E-03	2.50E-04	2.64E-07	30	1.15E-02	9.09E-08	1,000,000	9.09E-02
73	10.93834	0.00010824	1.18E-03	2.50E-04	2.96E-07	30	1.15E-02	1.02E-07	1,000,000	1.02E-01
74	12.32248	0.00010824	1.33E-03	2.50E-04	3.34E-07	30	1.15E-02	1.15E-07	1,000,000	1.15E-01
75	13.93144	0.00010824	1.51E-03	2.50E-04	3.77E-07	30	1.15E-02	1.30E-07	1,000,000	1.30E-01
76	15.79951	0.00010824	1.71E-03	2.50E-04	4.28E-07	30	1.15E-02	1.47E-07	1,000,000	1.47E-01
77	17.95195	0.00010824	1.94E-03	2.50E-04	4.86E-07	30	1.15E-02	1.67E-07	1,000,000	1.67E-01
78	20.37615	0.00010824	2.21E-03	2.50E-04	5.52E-07	30	1.15E-02	1.90E-07	1,000,000	1.90E-01
79	23.01995	0.00010824	2.49E-03	2.50E-04	6.24E-07	30	1.15E-02	2.15E-07	1,000,000	2.15E-01
80	25.46748	0.00010824	2.76E-03	2.50E-04	6.90E-07	30	1.15E-02	2.37E-07	1,000,000	2.37E-01
81	8.65141	0.00010824	9.36E-04	2.50E-04	2.34E-07	30	1.15E-02	8.07E-08	1,000,000	8.07E-02
82	9.72488	0.00010824	1.05E-03	2.50E-04	2.63E-07	30	1.15E-02	9.07E-08	1,000,000	9.07E-02
83	10.98984	0.00010824	1.19E-03	2.50E-04	2.98E-07	30	1.15E-02	1.02E-07	1,000,000	1.02E-01
84	12.48868	0.00010824	1.35E-03	2.50E-04	3.38E-07	30	1.15E-02	1.16E-07	1,000,000	1.16E-01
85	14.27612	0.00010824	1.55E-03	2.50E-04	3.87E-07	30	1.15E-02	1.33E-07	1,000,000	1.33E-01
86	16.42377	0.00010824	1.78E-03	2.50E-04	4.45E-07	30	1.15E-02	1.53E-07	1,000,000	1.53E-01
87	19.02385	0.00010824	2.06E-03	2.50E-04	5.15E-07	30	1.15E-02	1.77E-07	1,000,000	1.77E-01
88	22.18373	0.00010824	2.40E-03	2.50E-04	6.01E-07	30	1.15E-02	2.07E-07	1,000,000	2.07E-01
89	25.98632	0.00010824	2.81E-03	2.50E-04	7.04E-07	30	1.15E-02	2.42E-07	1,000,000	2.42E-01
90	30.4538	0.00010824	3.30E-03	2.50E-04	8.25E-07	30	1.15E-02	2.84E-07	1,000,000	2.84E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Cancer Risk From Haul3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	34.81586	0.00010824	3.77E-03	2.50E-04	9.43E-07	30	1.15E-02	3.25E-07	1,000,000	3.25E-01
92	9.58095	0.00010824	1.04E-03	2.50E-04	2.60E-07	30	1.15E-02	8.93E-08	1,000,000	8.93E-02
93	10.88066	0.00010824	1.18E-03	2.50E-04	2.95E-07	30	1.15E-02	1.01E-07	1,000,000	1.01E-01
94	12.44204	0.00010824	1.35E-03	2.50E-04	3.37E-07	30	1.15E-02	1.16E-07	1,000,000	1.16E-01
95	14.33614	0.00010824	1.55E-03	2.50E-04	3.88E-07	30	1.15E-02	1.34E-07	1,000,000	1.34E-01
96	16.66277	0.00010824	1.80E-03	2.50E-04	4.51E-07	30	1.15E-02	1.55E-07	1,000,000	1.55E-01
97	19.56823	0.00010824	2.12E-03	2.50E-04	5.30E-07	30	1.15E-02	1.82E-07	1,000,000	1.82E-01
98	23.27452	0.00010824	2.52E-03	2.50E-04	6.31E-07	30	1.15E-02	2.17E-07	1,000,000	2.17E-01
99	28.11906	0.00010824	3.04E-03	2.50E-04	7.62E-07	30	1.15E-02	2.62E-07	1,000,000	2.62E-01
100	34.58268	0.00010824	3.74E-03	2.50E-04	9.37E-07	30	1.15E-02	3.22E-07	1,000,000	3.22E-01
101	43.35102	0.00010824	4.69E-03	2.50E-04	1.17E-06	30	1.15E-02	4.04E-07	1,000,000	4.04E-01
102	53.23316	0.00010824	5.76E-03	2.50E-04	1.44E-06	30	1.15E-02	4.96E-07	1,000,000	4.96E-01
103	16.0252	0.00010824	1.73E-03	2.50E-04	4.34E-07	30	1.15E-02	1.49E-07	1,000,000	1.49E-01
104	18.89481	0.00010824	2.05E-03	2.50E-04	5.12E-07	30	1.15E-02	1.76E-07	1,000,000	1.76E-01
105	23.15778	0.00010824	2.51E-03	2.50E-04	6.27E-07	30	1.15E-02	2.16E-07	1,000,000	2.16E-01
106	28.33904	0.00010824	3.07E-03	2.50E-04	7.68E-07	30	1.15E-02	2.64E-07	1,000,000	2.64E-01
107	36.54122	0.00010824	3.96E-03	2.50E-04	9.90E-07	30	1.15E-02	3.41E-07	1,000,000	3.41E-01
108	48.30707	0.00010824	5.23E-03	2.50E-04	1.31E-06	30	1.15E-02	4.50E-07	1,000,000	4.50E-01
109	68.94691	0.00010824	7.46E-03	2.50E-04	1.87E-06	30	1.15E-02	6.43E-07	1,000,000	6.43E-01
110	106.9279	0.00010824	1.16E-02	2.50E-04	2.90E-06	30	1.15E-02	9.97E-07	1,000,000	9.97E-01
111	13.79535	0.00010824	1.49E-03	2.50E-04	3.74E-07	30	1.15E-02	1.29E-07	1,000,000	1.29E-01
112	11.77374	0.00010824	1.27E-03	2.50E-04	3.19E-07	30	1.15E-02	1.10E-07	1,000,000	1.10E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	3.7E-02	School	3.3015	110	5	3.25E-05	0.00694	110	School
2	3.9E-02	Res	0.2195	140	5	3.45E-05	0.0002	140	Res
3	4.1E-02	Teachers	0.997	110	5	3.67E-05	0.00694	110	Teachers
4	4.4E-02				5	3.91E-05			
5	4.7E-02				5	4.19E-05			
6	3.6E-02				5	3.23E-05			
7	3.9E-02				5	3.42E-05			
8	4.1E-02				5	3.64E-05			
9	4.4E-02				5	3.89E-05			
10	4.7E-02				5	4.17E-05			
11	3.6E-02				5	3.20E-05			
12	3.8E-02				5	3.40E-05			
13	4.1E-02				5	3.62E-05			
14	4.4E-02				5	3.87E-05			
15	4.7E-02				5	4.15E-05			
16	3.6E-02				5	3.18E-05			
17	3.8E-02				5	3.38E-05			
18	4.1E-02				5	3.60E-05			
19	4.3E-02				5	3.84E-05			
20	4.7E-02				5	4.12E-05			
21	3.6E-02				5	3.16E-05			
22	3.8E-02				5	3.36E-05			
23	4.0E-02				5	3.58E-05			
24	4.3E-02				5	3.83E-05			
25	4.6E-02				5	4.10E-05			
113	1.9E-01				5	1.71E-04			
114	1.7E-01				5	1.54E-04			
115	1.6E-01				5	1.40E-04			
116	1.4E-01				5	1.28E-04			
117	2.0E-01				5	1.76E-04			
118	1.8E-01				5	1.58E-04			
119	1.6E-01				5	1.43E-04			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.5E-01				5	1.30E-04		
121	2.0E-01				5	1.81E-04		
122	1.8E-01				5	1.62E-04		
123	1.6E-01				5	1.46E-04		
124	1.5E-01				5	1.32E-04		
125	2.1E-01				5	1.85E-04		
126	1.9E-01				5	1.65E-04		
127	1.7E-01				5	1.48E-04		
128	1.5E-01				5	1.34E-04		
129	2.1E-01				5	1.88E-04		
130	1.9E-01				5	1.67E-04		
131	1.7E-01				5	1.50E-04		
132	1.5E-01				5	1.35E-04		
133	2.2E-01				5	1.91E-04		
134	1.9E-01				5	1.69E-04		
135	1.7E-01				5	1.51E-04		
136	1.5E-01				5	1.36E-04		
137	2.2E-01				5	1.93E-04		
138	1.7E-01				5	1.52E-04		
139	1.5E-01				5	1.37E-04		
140	2.2E-01				5	1.94E-04		
141	1.9E-01				5	1.72E-04		
142	1.7E-01				5	1.53E-04		
143	1.6E-01				5	1.37E-04		
144	2.2E-01				5	1.93E-04		
145	1.9E-01				5	1.71E-04		
146	1.7E-01				5	1.52E-04		
147	1.5E-01				5	1.37E-04		
148	2.1E-01				5	1.90E-04		
149	1.9E-01				5	1.68E-04		
150	1.7E-01				5	1.50E-04		
151	1.5E-01				5	1.35E-04		
152	2.1E-01				5	1.86E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.9E-01				5	1.65E-04		
154	1.7E-01				5	1.48E-04		
155	1.5E-01				5	1.33E-04		
156	2.0E-01				5	1.80E-04		
157	1.8E-01				5	1.61E-04		
158	1.6E-01				5	1.44E-04		
159	1.5E-01				5	1.30E-04		
160	1.9E-01				5	1.72E-04		
161	1.7E-01				5	1.55E-04		
162	1.6E-01				5	1.40E-04		
163	1.4E-01				5	1.27E-04		
164	1.8E-01				5	1.64E-04		
165	1.7E-01				5	1.48E-04		
166	1.5E-01				5	1.34E-04		
167	1.4E-01				5	1.22E-04		
168	1.7E-01				5	1.54E-04		
169	1.6E-01				5	1.40E-04		
170	1.4E-01				5	1.28E-04		
171	1.3E-01				5	1.17E-04		
172	1.6E-01				5	1.44E-04		
173	1.5E-01				5	1.31E-04		
174	1.4E-01				5	1.21E-04		
175	1.3E-01				5	1.11E-04		
176	1.5E-01				5	1.34E-04		
177	1.4E-01				5	1.23E-04		
178	1.3E-01				5	1.13E-04		
179	1.2E-01				5	1.05E-04		
180	1.4E-01				5	1.24E-04		
181	1.3E-01				5	1.15E-04		
182	1.2E-01				5	1.06E-04		
183	1.1E-01				5	9.88E-05		
184	1.9E-01				5	1.68E-04		
185	1.6E-01				5	1.43E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	1.5E-01				5	1.31E-04		
187	1.4E-01				5	1.20E-04		
188	1.3E-01				5	1.11E-04		
189	1.6E-01				5	1.43E-04		
190	1.5E-01				5	1.31E-04		
191	1.4E-01				5	1.21E-04		
192	1.3E-01				5	1.12E-04		
193	1.2E-01				5	1.04E-04		
194	1.5E-01				5	1.31E-04		
195	1.4E-01				5	1.20E-04		
196	1.3E-01				5	1.11E-04		
197	1.2E-01				5	1.03E-04		
198	1.1E-01				5	9.63E-05		
199	1.4E-01				5	1.21E-04		
200	1.3E-01				5	1.11E-04		
201	1.2E-01				5	1.03E-04		
202	1.1E-01				5	9.61E-05		
203	1.0E-01				5	8.98E-05		
204	1.8E-01				5	1.57E-04		
205	1.3E-01				5	1.12E-04		
206	1.2E-01				5	1.03E-04		
207	1.1E-01				5	9.61E-05		
208	1.0E-01				5	8.97E-05		
209	1.6E-01				5	1.43E-04		
210	1.5E-01				5	1.32E-04		
211	1.4E-01				5	1.21E-04		
212	1.3E-01				5	1.12E-04		
213	1.2E-01				5	1.04E-04		
214	1.1E-01				5	9.65E-05		
215	1.0E-01				5	8.99E-05		
216	1.6E-01				5	1.39E-04		
217	1.5E-01				5	1.29E-04		
218	1.4E-01				5	1.20E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.3E-01				5	1.12E-04		
220	1.2E-01				5	1.04E-04		
221	1.1E-01				5	9.72E-05		
222	1.4E-01				5	1.27E-04		
223	1.3E-01				5	1.19E-04		
224	1.3E-01				5	1.11E-04		
225	1.2E-01				5	1.04E-04		
226	1.1E-01				5	9.69E-05		
227	1.3E-01				5	1.16E-04		
228	1.2E-01				5	1.09E-04		
229	1.2E-01				5	1.02E-04		
230	1.1E-01				5	9.62E-05		
231	1.2E-01				5	1.07E-04		
232	1.1E-01				5	1.01E-04		
233	1.1E-01				5	9.51E-05		
234	1.0E-01				5	8.95E-05		
235	1.1E-01				5	9.90E-05		
236	1.1E-01				5	9.36E-05		
237	1.0E-01				5	8.84E-05		
238	9.4E-02				5	8.36E-05		
239	1.0E-01				5	9.19E-05		
240	9.8E-02				5	8.71E-05		
241	9.3E-02				5	8.25E-05		
242	8.8E-02				5	7.82E-05		
243	1.4E-01				5	1.23E-04		
244	1.4E-01				5	1.20E-04		
245	1.3E-01				5	1.16E-04		
246	1.3E-01				5	1.11E-04		
247	1.2E-01				5	1.07E-04		
248	1.1E-01				5	1.02E-04		
249	1.1E-01				5	9.67E-05		
250	1.3E-01				5	1.13E-04		
251	1.2E-01				5	1.10E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.2E-01				5	1.07E-04		
253	1.2E-01				5	1.03E-04		
254	1.1E-01				5	9.84E-05		
255	1.1E-01				5	9.41E-05		
256	1.0E-01				5	8.96E-05		
257	1.2E-01				5	1.04E-04		
258	1.1E-01				5	1.01E-04		
259	1.1E-01				5	9.84E-05		
260	1.1E-01				5	9.50E-05		
261	1.0E-01				5	9.12E-05		
262	9.9E-02				5	8.74E-05		
263	9.4E-02				5	8.35E-05		
264	1.1E-01				5	9.63E-05		
265	1.1E-01				5	9.40E-05		
266	1.0E-01				5	9.13E-05		
267	1.0E-01				5	8.82E-05		
268	9.6E-02				5	8.49E-05		
269	9.2E-02				5	8.14E-05		
270	8.8E-02				5	7.80E-05		
271	1.0E-01				5	8.95E-05		
272	9.9E-02				5	8.74E-05		
273	9.6E-02				5	8.49E-05		
274	9.3E-02				5	8.21E-05		
275	8.9E-02				5	7.92E-05		
276	8.6E-02				5	7.61E-05		
277	8.2E-02				5	7.30E-05		
278	8.9E-02				5	7.90E-05		
279	9.3E-02				5	8.24E-05		
280	1.0E-01				5	9.11E-05		
281	1.0E-01				5	9.00E-05		
282	1.1E-01				5	9.86E-05		
283	9.3E-02				5	8.25E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	1.7E-01	5.0E-02			5	3.50E-04		
27	1.8E-01	5.4E-02			5	3.79E-04		
28	1.9E-01	5.9E-02			5	4.10E-04		
29	2.1E-01	6.4E-02			5	4.44E-04		
30	2.3E-01	6.9E-02			5	4.81E-04		
31	2.5E-01	7.5E-02			5	5.20E-04		
32	2.7E-01	8.1E-02			5	5.62E-04		
33	2.9E-01	8.7E-02			5	6.06E-04		
34	3.1E-01	9.4E-02			5	6.52E-04		
35	3.3E-01	1.0E-01			5	6.97E-04		
36	3.5E-01	1.1E-01			5	7.38E-04		
37	1.8E-01	5.5E-02			5	3.83E-04		
38	2.0E-01	6.0E-02			5	4.17E-04		
39	2.2E-01	6.5E-02			5	4.54E-04		
40	2.4E-01	7.1E-02			5	4.95E-04		
41	2.6E-01	7.8E-02			5	5.40E-04		
42	2.8E-01	8.5E-02			5	5.89E-04		
43	3.1E-01	9.2E-02			5	6.42E-04		
44	3.3E-01	1.0E-01			5	6.98E-04		
45	3.6E-01	1.1E-01			5	7.56E-04		
46	3.9E-01	1.2E-01			5	8.15E-04		
47	4.1E-01	1.2E-01			5	8.68E-04		
48	2.0E-01	6.0E-02			5	4.20E-04		
49	2.2E-01	6.6E-02			5	4.60E-04		
50	2.4E-01	7.2E-02			5	5.05E-04		
51	2.6E-01	8.0E-02			5	5.55E-04		
52	2.9E-01	8.8E-02			5	6.11E-04		
53	3.2E-01	9.7E-02			5	6.73E-04		
54	3.5E-01	1.1E-01			5	7.41E-04		
55	3.9E-01	1.2E-01			5	8.14E-04		
56	4.2E-01	1.3E-01			5	8.92E-04		
57	4.6E-01	1.4E-01			5	9.71E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	5.0E-01	1.5E-01			5	1.04E-03		
59	2.2E-01	6.6E-02			5	4.61E-04		
60	2.4E-01	7.3E-02			5	5.09E-04		
61	2.7E-01	8.1E-02			5	5.64E-04		
62	3.0E-01	9.0E-02			5	6.26E-04		
63	3.3E-01	1.0E-01			5	6.96E-04		
64	3.7E-01	1.1E-01			5	7.76E-04		
65	4.1E-01	1.2E-01			5	8.66E-04		
66	4.6E-01	1.4E-01			5	9.65E-04		
67	5.1E-01	1.5E-01			5	1.07E-03		
68	5.6E-01	1.7E-01			5	1.19E-03		
69	6.1E-01	1.8E-01			5	1.29E-03		
70	2.4E-01	7.3E-02			5	5.09E-04		
71	2.7E-01	8.1E-02			5	5.66E-04		
72	3.0E-01	9.1E-02			5	6.33E-04		
73	3.4E-01	1.0E-01			5	7.10E-04		
74	3.8E-01	1.1E-01			5	8.00E-04		
75	4.3E-01	1.3E-01			5	9.05E-04		
76	4.9E-01	1.5E-01			5	1.03E-03		
77	5.5E-01	1.7E-01			5	1.17E-03		
78	6.3E-01	1.9E-01			5	1.32E-03		
79	7.1E-01	2.1E-01			5	1.50E-03		
80	7.9E-01	2.4E-01			5	1.65E-03		
81	2.7E-01	8.1E-02			5	5.62E-04		
82	3.0E-01	9.1E-02			5	6.32E-04		
83	3.4E-01	1.0E-01			5	7.14E-04		
84	3.9E-01	1.2E-01			5	8.11E-04		
85	4.4E-01	1.3E-01			5	9.27E-04		
86	5.1E-01	1.5E-01			5	1.07E-03		
87	5.9E-01	1.8E-01			5	1.24E-03		
88	6.8E-01	2.1E-01			5	1.44E-03		
89	8.0E-01	2.4E-01			5	1.69E-03		
90	9.4E-01	2.8E-01			5	1.98E-03		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Haul3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	1.1E+00	3.2E-01			5	2.26E-03		
92	3.0E-01	8.9E-02			5	6.22E-04		
93	3.4E-01	1.0E-01			5	7.07E-04		
94	3.8E-01	1.2E-01			5	8.08E-04		
95	4.4E-01	1.3E-01			5	9.31E-04		
96	5.1E-01	1.6E-01			5	1.08E-03		
97	6.0E-01	1.8E-01			5	1.27E-03		
98	7.2E-01	2.2E-01			5	1.51E-03		
99	8.7E-01	2.6E-01			5	1.83E-03		
100	1.1E+00	3.2E-01			5	2.25E-03		
101	1.3E+00	4.0E-01			5	2.82E-03		
102	1.6E+00	5.0E-01			5	3.46E-03		
103	4.9E-01	1.5E-01			5	1.04E-03		
104	5.8E-01	1.8E-01			5	1.23E-03		
105	7.2E-01	2.2E-01			5	1.50E-03		
106	8.7E-01	2.6E-01			5	1.84E-03		
107	1.1E+00	3.4E-01			5	2.37E-03		
108	1.5E+00	4.5E-01			5	3.14E-03		
109	2.1E+00	6.4E-01			5	4.48E-03		
110	3.3E+00	1.0E+00			5	6.94E-03		
111	4.3E-01	1.3E-01			5	8.96E-04		
112	3.6E-01	1.1E-01			5	7.65E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

					Cancer Risk From Idle 1 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	**1.20E-04**	6.78E-05	1.05E-03	7.08E-08	1.45	1.57E-01	1.61E-08	1,000,000	1.61E-02
2	0.60114	0.00012006	7.2171E-05	1.05E-03	7.54E-08	1.45	1.57E-01	1.72E-08	1,000,000	1.72E-02
3	0.64273	0.00012006	7.7164E-05	1.05E-03	8.07E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
4	0.68837	0.00012006	8.2643E-05	1.05E-03	8.64E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
5	0.74036	0.00012006	8.8885E-05	1.05E-03	9.29E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
6	0.55999	0.00012006	6.723E-05	1.05E-03	7.03E-08	1.45	1.57E-01	1.60E-08	1,000,000	1.60E-02
7	0.59618	0.00012006	7.1575E-05	1.05E-03	7.48E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
8	0.63685	0.00012006	7.6458E-05	1.05E-03	7.99E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
9	0.6836	0.00012006	8.2071E-05	1.05E-03	8.58E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
10	0.73536	0.00012006	8.8285E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
11	0.55509	0.00012006	6.6642E-05	1.05E-03	6.97E-08	1.45	1.57E-01	1.59E-08	1,000,000	1.59E-02
12	0.59123	0.00012006	7.0981E-05	1.05E-03	7.42E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
13	0.63205	0.00012006	7.5882E-05	1.05E-03	7.93E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
14	0.67915	0.00012006	8.1536E-05	1.05E-03	8.52E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
15	0.73118	0.00012006	8.7783E-05	1.05E-03	9.18E-08	1.45	1.57E-01	2.09E-08	1,000,000	2.09E-02
16	0.55062	0.00012006	6.6105E-05	1.05E-03	6.91E-08	1.45	1.57E-01	1.57E-08	1,000,000	1.57E-02
17	0.58711	0.00012006	7.0486E-05	1.05E-03	7.37E-08	1.45	1.57E-01	1.68E-08	1,000,000	1.68E-02
18	0.62788	0.00012006	7.5381E-05	1.05E-03	7.88E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
19	0.67344	0.00012006	8.0851E-05	1.05E-03	8.45E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
20	0.72609	0.00012006	8.7172E-05	1.05E-03	9.11E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
21	0.54693	0.00012006	6.5662E-05	1.05E-03	6.86E-08	1.45	1.57E-01	1.56E-08	1,000,000	1.56E-02
22	0.58339	0.00012006	7.004E-05	1.05E-03	7.32E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
23	0.62444	0.00012006	7.4968E-05	1.05E-03	7.84E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
24	0.67053	0.00012006	8.0501E-05	1.05E-03	8.41E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
25	0.72214	0.00012006	8.6698E-05	1.05E-03	9.06E-08	1.45	1.57E-01	2.06E-08	1,000,000	2.06E-02
113	2.01373	0.00012006	0.00024176	1.05E-03	2.53E-07	1.45	1.57E-01	5.76E-08	1,000,000	5.76E-02
114	1.85353	0.00012006	0.00022253	1.05E-03	2.33E-07	1.45	1.57E-01	5.30E-08	1,000,000	5.30E-02
115	1.70983	0.00012006	0.00020528	1.05E-03	2.15E-07	1.45	1.57E-01	4.89E-08	1,000,000	4.89E-02
116	1.58117	0.00012006	0.00018983	1.05E-03	1.98E-07	1.45	1.57E-01	4.52E-08	1,000,000	4.52E-02
117	2.07024	0.00012006	0.00024855	1.05E-03	2.60E-07	1.45	1.57E-01	5.92E-08	1,000,000	5.92E-02
118	1.89846	0.00012006	0.00022792	1.05E-03	2.38E-07	1.45	1.57E-01	5.43E-08	1,000,000	5.43E-02
119	1.74596	0.00012006	0.00020961	1.05E-03	2.19E-07	1.45	1.57E-01	4.99E-08	1,000,000	4.99E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	0.00019334	1.05E-03	2.02E-07	1.45	1.57E-01	4.60E-08	1,000,000	4.60E-02
121	2.12262	0.00012006	0.00025483	1.05E-03	2.66E-07	1.45	1.57E-01	6.07E-08	1,000,000	6.07E-02
122	1.93984	0.00012006	0.00023289	1.05E-03	2.43E-07	1.45	1.57E-01	5.55E-08	1,000,000	5.55E-02
123	1.77889	0.00012006	0.00021357	1.05E-03	2.23E-07	1.45	1.57E-01	5.09E-08	1,000,000	5.09E-02
124	1.6367	0.00012006	0.0001965	1.05E-03	2.05E-07	1.45	1.57E-01	4.68E-08	1,000,000	4.68E-02
125	2.17027	0.00012006	0.00026055	1.05E-03	2.72E-07	1.45	1.57E-01	6.21E-08	1,000,000	6.21E-02
126	1.97705	0.00012006	0.00023736	1.05E-03	2.48E-07	1.45	1.57E-01	5.65E-08	1,000,000	5.65E-02
127	1.8081	0.00012006	0.00021707	1.05E-03	2.27E-07	1.45	1.57E-01	5.17E-08	1,000,000	5.17E-02
128	1.65978	0.00012006	0.00019927	1.05E-03	2.08E-07	1.45	1.57E-01	4.75E-08	1,000,000	4.75E-02
129	2.21247	0.00012006	0.00026562	1.05E-03	2.78E-07	1.45	1.57E-01	6.33E-08	1,000,000	6.33E-02
130	2.0096	0.00012006	0.00024127	1.05E-03	2.52E-07	1.45	1.57E-01	5.75E-08	1,000,000	5.75E-02
131	1.83346	0.00012006	0.00022012	1.05E-03	2.30E-07	1.45	1.57E-01	5.24E-08	1,000,000	5.24E-02
132	1.67977	0.00012006	0.00020167	1.05E-03	2.11E-07	1.45	1.57E-01	4.80E-08	1,000,000	4.80E-02
133	2.24884	0.00012006	0.00026999	1.05E-03	2.82E-07	1.45	1.57E-01	6.43E-08	1,000,000	6.43E-02
134	2.03754	0.00012006	0.00024462	1.05E-03	2.56E-07	1.45	1.57E-01	5.83E-08	1,000,000	5.83E-02
135	1.8553	0.00012006	0.00022274	1.05E-03	2.33E-07	1.45	1.57E-01	5.30E-08	1,000,000	5.30E-02
136	1.69717	0.00012006	0.00020376	1.05E-03	2.13E-07	1.45	1.57E-01	4.85E-08	1,000,000	4.85E-02
137	2.27975	0.00012006	0.0002737	1.05E-03	2.86E-07	1.45	1.57E-01	6.52E-08	1,000,000	6.52E-02
138	1.87421	0.00012006	0.00022501	1.05E-03	2.35E-07	1.45	1.57E-01	5.36E-08	1,000,000	5.36E-02
139	1.71241	0.00012006	0.00020559	1.05E-03	2.15E-07	1.45	1.57E-01	4.90E-08	1,000,000	4.90E-02
140	2.34318	0.00012006	0.00028131	1.05E-03	2.94E-07	1.45	1.57E-01	6.70E-08	1,000,000	6.70E-02
141	2.11018	0.00012006	0.00025334	1.05E-03	2.65E-07	1.45	1.57E-01	6.03E-08	1,000,000	6.03E-02
142	1.91196	0.00012006	0.00022954	1.05E-03	2.40E-07	1.45	1.57E-01	5.47E-08	1,000,000	5.47E-02
143	1.74181	0.00012006	0.00020912	1.05E-03	2.19E-07	1.45	1.57E-01	4.98E-08	1,000,000	4.98E-02
144	2.35204	0.00012006	0.00028238	1.05E-03	2.95E-07	1.45	1.57E-01	6.73E-08	1,000,000	6.73E-02
145	2.11612	0.00012006	0.00025405	1.05E-03	2.66E-07	1.45	1.57E-01	6.05E-08	1,000,000	6.05E-02
146	1.91583	0.00012006	0.00023001	1.05E-03	2.40E-07	1.45	1.57E-01	5.48E-08	1,000,000	5.48E-02
147	1.74419	0.00012006	0.0002094	1.05E-03	2.19E-07	1.45	1.57E-01	4.99E-08	1,000,000	4.99E-02
148	2.35363	0.00012006	0.00028257	1.05E-03	2.95E-07	1.45	1.57E-01	6.73E-08	1,000,000	6.73E-02
149	2.11631	0.00012006	0.00025408	1.05E-03	2.66E-07	1.45	1.57E-01	6.05E-08	1,000,000	6.05E-02
150	1.91513	0.00012006	0.00022992	1.05E-03	2.40E-07	1.45	1.57E-01	5.48E-08	1,000,000	5.48E-02
151	1.74294	0.00012006	0.00020925	1.05E-03	2.19E-07	1.45	1.57E-01	4.98E-08	1,000,000	4.98E-02
152	2.34786	0.00012006	0.00028188	1.05E-03	2.95E-07	1.45	1.57E-01	6.71E-08	1,000,000	6.71E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	0.00025341	1.05E-03	2.65E-07	1.45	1.57E-01	6.04E-08	1,000,000	6.04E-02
154	1.90986	0.00012006	0.00022929	1.05E-03	2.40E-07	1.45	1.57E-01	5.46E-08	1,000,000	5.46E-02
155	1.73802	0.00012006	0.00020866	1.05E-03	2.18E-07	1.45	1.57E-01	4.97E-08	1,000,000	4.97E-02
156	2.33332	0.00012006	0.00028013	1.05E-03	2.93E-07	1.45	1.57E-01	6.67E-08	1,000,000	6.67E-02
157	2.09814	0.00012006	0.0002519	1.05E-03	2.63E-07	1.45	1.57E-01	6.00E-08	1,000,000	6.00E-02
158	1.89889	0.00012006	0.00022797	1.05E-03	2.38E-07	1.45	1.57E-01	5.43E-08	1,000,000	5.43E-02
159	1.72842	0.00012006	0.00020751	1.05E-03	2.17E-07	1.45	1.57E-01	4.94E-08	1,000,000	4.94E-02
160	2.3074	0.00012006	0.00027702	1.05E-03	2.90E-07	1.45	1.57E-01	6.60E-08	1,000,000	6.60E-02
161	2.07635	0.00012006	0.00024928	1.05E-03	2.61E-07	1.45	1.57E-01	5.94E-08	1,000,000	5.94E-02
162	1.88037	0.00012006	0.00022575	1.05E-03	2.36E-07	1.45	1.57E-01	5.38E-08	1,000,000	5.38E-02
163	1.71227	0.00012006	0.00020557	1.05E-03	2.15E-07	1.45	1.57E-01	4.90E-08	1,000,000	4.90E-02
164	2.26841	0.00012006	0.00027234	1.05E-03	2.85E-07	1.45	1.57E-01	6.49E-08	1,000,000	6.49E-02
165	2.044	0.00012006	0.0002454	1.05E-03	2.56E-07	1.45	1.57E-01	5.84E-08	1,000,000	5.84E-02
166	1.85166	0.00012006	0.0002223	1.05E-03	2.32E-07	1.45	1.57E-01	5.29E-08	1,000,000	5.29E-02
167	1.68788	0.00012006	0.00020264	1.05E-03	2.12E-07	1.45	1.57E-01	4.83E-08	1,000,000	4.83E-02
168	2.21614	0.00012006	0.00026606	1.05E-03	2.78E-07	1.45	1.57E-01	6.34E-08	1,000,000	6.34E-02
169	2.00116	0.00012006	0.00024025	1.05E-03	2.51E-07	1.45	1.57E-01	5.72E-08	1,000,000	5.72E-02
170	1.81572	0.00012006	0.00021799	1.05E-03	2.28E-07	1.45	1.57E-01	5.19E-08	1,000,000	5.19E-02
171	1.65787	0.00012006	0.00019904	1.05E-03	2.08E-07	1.45	1.57E-01	4.74E-08	1,000,000	4.74E-02
172	2.14968	0.00012006	0.00025808	1.05E-03	2.70E-07	1.45	1.57E-01	6.15E-08	1,000,000	6.15E-02
173	1.94767	0.00012006	0.00023383	1.05E-03	2.44E-07	1.45	1.57E-01	5.57E-08	1,000,000	5.57E-02
174	1.77211	0.00012006	0.00021275	1.05E-03	2.22E-07	1.45	1.57E-01	5.07E-08	1,000,000	5.07E-02
175	1.62139	0.00012006	0.00019466	1.05E-03	2.03E-07	1.45	1.57E-01	4.64E-08	1,000,000	4.64E-02
176	2.06593	0.00012006	0.00024803	1.05E-03	2.59E-07	1.45	1.57E-01	5.91E-08	1,000,000	5.91E-02
177	1.88146	0.00012006	0.00022588	1.05E-03	2.36E-07	1.45	1.57E-01	5.38E-08	1,000,000	5.38E-02
178	1.71889	0.00012006	0.00020636	1.05E-03	2.16E-07	1.45	1.57E-01	4.91E-08	1,000,000	4.91E-02
179	1.57781	0.00012006	0.00018943	1.05E-03	1.98E-07	1.45	1.57E-01	4.51E-08	1,000,000	4.51E-02
180	1.96171	0.00012006	0.00023552	1.05E-03	2.46E-07	1.45	1.57E-01	5.61E-08	1,000,000	5.61E-02
181	1.79887	0.00012006	0.00021597	1.05E-03	2.26E-07	1.45	1.57E-01	5.14E-08	1,000,000	5.14E-02
182	1.65349	0.00012006	0.00019851	1.05E-03	2.07E-07	1.45	1.57E-01	4.73E-08	1,000,000	4.73E-02
183	1.52517	0.00012006	0.00018311	1.05E-03	1.91E-07	1.45	1.57E-01	4.36E-08	1,000,000	4.36E-02
184	2.4477	0.00012006	0.00029386	1.05E-03	3.07E-07	1.45	1.57E-01	7.00E-08	1,000,000	7.00E-02
185	2.27413	0.00012006	0.00027302	1.05E-03	2.85E-07	1.45	1.57E-01	6.50E-08	1,000,000	6.50E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	0.00025051	1.05E-03	2.62E-07	1.45	1.57E-01	5.97E-08	1,000,000	5.97E-02
187	1.91802	0.00012006	0.00023027	1.05E-03	2.41E-07	1.45	1.57E-01	5.48E-08	1,000,000	5.48E-02
188	1.76542	0.00012006	0.00021195	1.05E-03	2.22E-07	1.45	1.57E-01	5.05E-08	1,000,000	5.05E-02
189	2.24493	0.00012006	0.00026952	1.05E-03	2.82E-07	1.45	1.57E-01	6.42E-08	1,000,000	6.42E-02
190	2.07497	0.00012006	0.00024911	1.05E-03	2.60E-07	1.45	1.57E-01	5.93E-08	1,000,000	5.93E-02
191	1.9229	0.00012006	0.00023086	1.05E-03	2.41E-07	1.45	1.57E-01	5.50E-08	1,000,000	5.50E-02
192	1.78476	0.00012006	0.00021427	1.05E-03	2.24E-07	1.45	1.57E-01	5.10E-08	1,000,000	5.10E-02
193	1.6568	0.00012006	0.00019891	1.05E-03	2.08E-07	1.45	1.57E-01	4.74E-08	1,000,000	4.74E-02
194	2.03128	0.00012006	0.00024387	1.05E-03	2.55E-07	1.45	1.57E-01	5.81E-08	1,000,000	5.81E-02
195	1.88645	0.00012006	0.00022648	1.05E-03	2.37E-07	1.45	1.57E-01	5.39E-08	1,000,000	5.39E-02
196	1.75923	0.00012006	0.00021121	1.05E-03	2.21E-07	1.45	1.57E-01	5.03E-08	1,000,000	5.03E-02
197	1.6438	0.00012006	0.00019735	1.05E-03	2.06E-07	1.45	1.57E-01	4.70E-08	1,000,000	4.70E-02
198	1.53965	0.00012006	0.00018484	1.05E-03	1.93E-07	1.45	1.57E-01	4.40E-08	1,000,000	4.40E-02
199	1.85427	0.00012006	0.00022262	1.05E-03	2.33E-07	1.45	1.57E-01	5.30E-08	1,000,000	5.30E-02
200	1.7227	0.00012006	0.00020682	1.05E-03	2.16E-07	1.45	1.57E-01	4.93E-08	1,000,000	4.93E-02
201	1.60957	0.00012006	0.00019324	1.05E-03	2.02E-07	1.45	1.57E-01	4.60E-08	1,000,000	4.60E-02
202	1.51041	0.00012006	0.00018133	1.05E-03	1.90E-07	1.45	1.57E-01	4.32E-08	1,000,000	4.32E-02
203	1.42209	0.00012006	0.00017073	1.05E-03	1.78E-07	1.45	1.57E-01	4.07E-08	1,000,000	4.07E-02
204	2.47495	0.00012006	0.00029713	1.05E-03	3.11E-07	1.45	1.57E-01	7.08E-08	1,000,000	7.08E-02
205	1.71146	0.00012006	0.00020547	1.05E-03	2.15E-07	1.45	1.57E-01	4.89E-08	1,000,000	4.89E-02
206	1.58769	0.00012006	0.00019061	1.05E-03	1.99E-07	1.45	1.57E-01	4.54E-08	1,000,000	4.54E-02
207	1.48153	0.00012006	0.00017787	1.05E-03	1.86E-07	1.45	1.57E-01	4.24E-08	1,000,000	4.24E-02
208	1.39187	0.00012006	0.0001671	1.05E-03	1.75E-07	1.45	1.57E-01	3.98E-08	1,000,000	3.98E-02
209	2.27051	0.00012006	0.00027259	1.05E-03	2.85E-07	1.45	1.57E-01	6.49E-08	1,000,000	6.49E-02
210	2.06733	0.00012006	0.0002482	1.05E-03	2.59E-07	1.45	1.57E-01	5.91E-08	1,000,000	5.91E-02
211	1.8875	0.00012006	0.00022661	1.05E-03	2.37E-07	1.45	1.57E-01	5.40E-08	1,000,000	5.40E-02
212	1.73058	0.00012006	0.00020777	1.05E-03	2.17E-07	1.45	1.57E-01	4.95E-08	1,000,000	4.95E-02
213	1.59451	0.00012006	0.00019143	1.05E-03	2.00E-07	1.45	1.57E-01	4.56E-08	1,000,000	4.56E-02
214	1.47697	0.00012006	0.00017732	1.05E-03	1.85E-07	1.45	1.57E-01	4.22E-08	1,000,000	4.22E-02
215	1.37677	0.00012006	0.00016529	1.05E-03	1.73E-07	1.45	1.57E-01	3.94E-08	1,000,000	3.94E-02
216	2.26156	0.00012006	0.00027151	1.05E-03	2.84E-07	1.45	1.57E-01	6.47E-08	1,000,000	6.47E-02
217	2.08435	0.00012006	0.00025024	1.05E-03	2.62E-07	1.45	1.57E-01	5.96E-08	1,000,000	5.96E-02
218	1.92093	0.00012006	0.00023062	1.05E-03	2.41E-07	1.45	1.57E-01	5.49E-08	1,000,000	5.49E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	0.00021295	1.05E-03	2.23E-07	1.45	1.57E-01	5.07E-08	1,000,000	5.07E-02
220	1.63848	0.00012006	0.00019671	1.05E-03	2.06E-07	1.45	1.57E-01	4.68E-08	1,000,000	4.68E-02
221	1.5155	0.00012006	0.00018195	1.05E-03	1.90E-07	1.45	1.57E-01	4.33E-08	1,000,000	4.33E-02
222	2.06423	0.00012006	0.00024782	1.05E-03	2.59E-07	1.45	1.57E-01	5.90E-08	1,000,000	5.90E-02
223	1.91261	0.00012006	0.00022962	1.05E-03	2.40E-07	1.45	1.57E-01	5.47E-08	1,000,000	5.47E-02
224	1.77389	0.00012006	0.00021297	1.05E-03	2.23E-07	1.45	1.57E-01	5.07E-08	1,000,000	5.07E-02
225	1.64726	0.00012006	0.00019776	1.05E-03	2.07E-07	1.45	1.57E-01	4.71E-08	1,000,000	4.71E-02
226	1.52949	0.00012006	0.00018363	1.05E-03	1.92E-07	1.45	1.57E-01	4.37E-08	1,000,000	4.37E-02
227	1.89126	0.00012006	0.00022706	1.05E-03	2.37E-07	1.45	1.57E-01	5.41E-08	1,000,000	5.41E-02
228	1.76092	0.00012006	0.00021141	1.05E-03	2.21E-07	1.45	1.57E-01	5.03E-08	1,000,000	5.03E-02
229	1.64208	0.00012006	0.00019714	1.05E-03	2.06E-07	1.45	1.57E-01	4.70E-08	1,000,000	4.70E-02
230	1.53118	0.00012006	0.00018383	1.05E-03	1.92E-07	1.45	1.57E-01	4.38E-08	1,000,000	4.38E-02
231	1.73891	0.00012006	0.00020877	1.05E-03	2.18E-07	1.45	1.57E-01	4.97E-08	1,000,000	4.97E-02
232	1.62724	0.00012006	0.00019536	1.05E-03	2.04E-07	1.45	1.57E-01	4.65E-08	1,000,000	4.65E-02
233	1.52385	0.00012006	0.00018295	1.05E-03	1.91E-07	1.45	1.57E-01	4.36E-08	1,000,000	4.36E-02
234	1.42723	0.00012006	0.00017135	1.05E-03	1.79E-07	1.45	1.57E-01	4.08E-08	1,000,000	4.08E-02
235	1.60542	0.00012006	0.00019274	1.05E-03	2.01E-07	1.45	1.57E-01	4.59E-08	1,000,000	4.59E-02
236	1.50836	0.00012006	0.00018109	1.05E-03	1.89E-07	1.45	1.57E-01	4.31E-08	1,000,000	4.31E-02
237	1.41726	0.00012006	0.00017015	1.05E-03	1.78E-07	1.45	1.57E-01	4.05E-08	1,000,000	4.05E-02
238	1.33315	0.00012006	0.00016005	1.05E-03	1.67E-07	1.45	1.57E-01	3.81E-08	1,000,000	3.81E-02
239	1.4874	0.00012006	0.00017857	1.05E-03	1.87E-07	1.45	1.57E-01	4.25E-08	1,000,000	4.25E-02
240	1.40209	0.00012006	0.00016833	1.05E-03	1.76E-07	1.45	1.57E-01	4.01E-08	1,000,000	4.01E-02
241	1.32178	0.00012006	0.00015869	1.05E-03	1.66E-07	1.45	1.57E-01	3.78E-08	1,000,000	3.78E-02
242	1.24785	0.00012006	0.00014981	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
243	2.15522	0.00012006	0.00025875	1.05E-03	2.70E-07	1.45	1.57E-01	6.16E-08	1,000,000	6.16E-02
244	2.07335	0.00012006	0.00024892	1.05E-03	2.60E-07	1.45	1.57E-01	5.93E-08	1,000,000	5.93E-02
245	1.97921	0.00012006	0.00023762	1.05E-03	2.48E-07	1.45	1.57E-01	5.66E-08	1,000,000	5.66E-02
246	1.87837	0.00012006	0.00022551	1.05E-03	2.36E-07	1.45	1.57E-01	5.37E-08	1,000,000	5.37E-02
247	1.7751	0.00012006	0.00021311	1.05E-03	2.23E-07	1.45	1.57E-01	5.08E-08	1,000,000	5.08E-02
248	1.6755	0.00012006	0.00020115	1.05E-03	2.10E-07	1.45	1.57E-01	4.79E-08	1,000,000	4.79E-02
249	1.58042	0.00012006	0.00018974	1.05E-03	1.98E-07	1.45	1.57E-01	4.52E-08	1,000,000	4.52E-02
250	1.96457	0.00012006	0.00023586	1.05E-03	2.47E-07	1.45	1.57E-01	5.62E-08	1,000,000	5.62E-02
251	1.89248	0.00012006	0.0002272	1.05E-03	2.37E-07	1.45	1.57E-01	5.41E-08	1,000,000	5.41E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	0.00021736	1.05E-03	2.27E-07	1.45	1.57E-01	5.18E-08	1,000,000	5.18E-02
253	1.72307	0.00012006	0.00020687	1.05E-03	2.16E-07	1.45	1.57E-01	4.93E-08	1,000,000	4.93E-02
254	1.63344	0.00012006	0.00019611	1.05E-03	2.05E-07	1.45	1.57E-01	4.67E-08	1,000,000	4.67E-02
255	1.5467	0.00012006	0.00018569	1.05E-03	1.94E-07	1.45	1.57E-01	4.42E-08	1,000,000	4.42E-02
256	1.46272	0.00012006	0.00017561	1.05E-03	1.84E-07	1.45	1.57E-01	4.18E-08	1,000,000	4.18E-02
257	1.79946	0.00012006	0.00021604	1.05E-03	2.26E-07	1.45	1.57E-01	5.15E-08	1,000,000	5.15E-02
258	1.73564	0.00012006	0.00020837	1.05E-03	2.18E-07	1.45	1.57E-01	4.96E-08	1,000,000	4.96E-02
259	1.66381	0.00012006	0.00019975	1.05E-03	2.09E-07	1.45	1.57E-01	4.76E-08	1,000,000	4.76E-02
260	1.58746	0.00012006	0.00019058	1.05E-03	1.99E-07	1.45	1.57E-01	4.54E-08	1,000,000	4.54E-02
261	1.50917	0.00012006	0.00018119	1.05E-03	1.89E-07	1.45	1.57E-01	4.32E-08	1,000,000	4.32E-02
262	1.43302	0.00012006	0.00017204	1.05E-03	1.80E-07	1.45	1.57E-01	4.10E-08	1,000,000	4.10E-02
263	1.35936	0.00012006	0.0001632	1.05E-03	1.71E-07	1.45	1.57E-01	3.89E-08	1,000,000	3.89E-02
264	1.6558	0.00012006	0.00019879	1.05E-03	2.08E-07	1.45	1.57E-01	4.73E-08	1,000,000	4.73E-02
265	1.59884	0.00012006	0.00019195	1.05E-03	2.01E-07	1.45	1.57E-01	4.57E-08	1,000,000	4.57E-02
266	1.53533	0.00012006	0.00018433	1.05E-03	1.93E-07	1.45	1.57E-01	4.39E-08	1,000,000	4.39E-02
267	1.46825	0.00012006	0.00017627	1.05E-03	1.84E-07	1.45	1.57E-01	4.20E-08	1,000,000	4.20E-02
268	1.40011	0.00012006	0.00016809	1.05E-03	1.76E-07	1.45	1.57E-01	4.00E-08	1,000,000	4.00E-02
269	1.3327	0.00012006	0.00016	1.05E-03	1.67E-07	1.45	1.57E-01	3.81E-08	1,000,000	3.81E-02
270	1.26741	0.00012006	0.00015216	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
271	1.52937	0.00012006	0.00018361	1.05E-03	1.92E-07	1.45	1.57E-01	4.37E-08	1,000,000	4.37E-02
272	1.47846	0.00012006	0.0001775	1.05E-03	1.86E-07	1.45	1.57E-01	4.23E-08	1,000,000	4.23E-02
273	1.42213	0.00012006	0.00017074	1.05E-03	1.78E-07	1.45	1.57E-01	4.07E-08	1,000,000	4.07E-02
274	1.36278	0.00012006	0.00016361	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
275	1.30249	0.00012006	0.00015637	1.05E-03	1.63E-07	1.45	1.57E-01	3.72E-08	1,000,000	3.72E-02
276	1.243	0.00012006	0.00014923	1.05E-03	1.56E-07	1.45	1.57E-01	3.55E-08	1,000,000	3.55E-02
277	1.1847	0.00012006	0.00014223	1.05E-03	1.49E-07	1.45	1.57E-01	3.39E-08	1,000,000	3.39E-02
278	1.47907	0.00012006	0.00017757	1.05E-03	1.86E-07	1.45	1.57E-01	4.23E-08	1,000,000	4.23E-02
279	1.54793	0.00012006	0.00018584	1.05E-03	1.94E-07	1.45	1.57E-01	4.43E-08	1,000,000	4.43E-02
280	1.72779	0.00012006	0.00020743	1.05E-03	2.17E-07	1.45	1.57E-01	4.94E-08	1,000,000	4.94E-02
281	1.7029	0.00012006	0.00020444	1.05E-03	2.14E-07	1.45	1.57E-01	4.87E-08	1,000,000	4.87E-02
282	1.88133	0.00012006	0.00022587	1.05E-03	2.36E-07	1.45	1.57E-01	5.38E-08	1,000,000	5.38E-02
283	1.5477	0.00012006	0.00018581	1.05E-03	1.94E-07	1.45	1.57E-01	4.43E-08	1,000,000	4.43E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

						Cancer Risk From Idle 1 - Birth to 2 years				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	4.73824	0.00012006	0.00056886	1.05E-03	5.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.00637	0.00012006	0.00060105	1.05E-03	6.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	5.27737	0.00012006	0.00063358	1.05E-03	6.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	5.53917	0.00012006	0.00066501	1.05E-03	6.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	5.7811	0.00012006	0.00069406	1.05E-03	7.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	5.99591	0.00012006	0.00071985	1.05E-03	7.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	6.17906	0.00012006	0.00074184	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	6.32678	0.00012006	0.00075957	1.05E-03	7.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	6.43471	0.00012006	0.00077253	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	6.49733	0.00012006	0.00078005	1.05E-03	8.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	6.50666	0.00012006	0.00078117	1.05E-03	8.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.18338	0.00012006	0.0006223	1.05E-03	6.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	5.49406	0.00012006	0.0006596	1.05E-03	6.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	5.80857	0.00012006	0.00069736	1.05E-03	7.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	6.11174	0.00012006	0.00073375	1.05E-03	7.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	6.39006	0.00012006	0.00076717	1.05E-03	8.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	6.6342	0.00012006	0.00079648	1.05E-03	8.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	6.83816	0.00012006	0.00082097	1.05E-03	8.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	6.99673	0.00012006	0.00084	1.05E-03	8.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	7.10401	0.00012006	0.00085288	1.05E-03	8.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	7.15303	0.00012006	0.00085877	1.05E-03	8.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	7.13486	0.00012006	0.00085659	1.05E-03	8.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	5.699	0.00012006	0.0006842	1.05E-03	7.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	6.06208	0.00012006	0.00072779	1.05E-03	7.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	6.43031	0.00012006	0.000772	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	6.78439	0.00012006	0.00081451	1.05E-03	8.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	7.10685	0.00012006	0.00085322	1.05E-03	8.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	7.38558	0.00012006	0.00088669	1.05E-03	9.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	7.61244	0.00012006	0.00091392	1.05E-03	9.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	7.78023	0.00012006	0.00093407	1.05E-03	9.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	7.88098	0.00012006	0.00094616	1.05E-03	9.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	7.90614	0.00012006	0.00094918	1.05E-03	9.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

					Cancer Risk From Idle 1 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	0.000942	1.05E-03	9.85E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	6.3013	0.00012006	0.00075651	1.05E-03	7.91E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	6.7297	0.00012006	0.00080794	1.05E-03	8.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	7.1651	0.00012006	0.00086022	1.05E-03	8.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	7.58254	0.00012006	0.00091033	1.05E-03	9.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	7.95908	0.00012006	0.00095554	1.05E-03	9.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	8.27861	0.00012006	0.0009939	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	8.52998	0.00012006	0.00102408	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	8.70313	0.00012006	0.00104487	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	8.78743	0.00012006	0.00105499	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	8.77289	0.00012006	0.00105324	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	8.65098	0.00012006	0.00103861	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.01142	0.00012006	0.00084177	1.05E-03	8.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	7.52239	0.00012006	0.00090311	1.05E-03	9.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	8.04302	0.00012006	0.00096562	1.05E-03	1.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	8.54041	0.00012006	0.00102533	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	8.98382	0.00012006	0.00107857	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	9.35138	0.00012006	0.00112269	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	9.62755	0.00012006	0.00115585	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	9.7982	0.00012006	0.00117634	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	9.84952	0.00012006	0.0011825	1.05E-03	1.24E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	9.77107	0.00012006	0.00117308	1.05E-03	1.23E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	9.55783	0.00012006	0.00114748	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	7.85749	0.00012006	0.00094334	1.05E-03	9.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	8.47449	0.00012006	0.00101742	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	9.105	0.00012006	0.00109311	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	9.70482	0.00012006	0.00116513	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	10.23178	0.00012006	0.00122839	1.05E-03	1.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	10.65545	0.00012006	0.00127926	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	10.95378	0.00012006	0.00131507	1.05E-03	1.37E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	11.10698	0.00012006	0.00133346	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	11.09807	0.00012006	0.0013324	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	10.91888	0.00012006	0.00131088	1.05E-03	1.37E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Cancer Risk From Idle 1 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	0.00126939	1.05E-03	1.33E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	8.87755	0.00012006	0.00106581	1.05E-03	1.11E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	9.63315	0.00012006	0.00115652	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	10.40807	0.00012006	0.00124956	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	11.14143	0.00012006	0.0013376	1.05E-03	1.40E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	11.77382	0.00012006	0.00141352	1.05E-03	1.48E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	12.26183	0.00012006	0.00147211	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	12.57354	0.00012006	0.00150953	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	12.6817	0.00012006	0.00152252	1.05E-03	1.59E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	12.56792	0.00012006	0.00150886	1.05E-03	1.58E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	12.23282	0.00012006	0.00146863	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	11.69847	0.00012006	0.00140448	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	12.54262	0.00012006	0.00150582	1.05E-03	1.57E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	13.29962	0.00012006	0.00159671	1.05E-03	1.67E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	14.05829	0.00012006	0.00168779	1.05E-03	1.76E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	14.33978	0.00012006	0.00172158	1.05E-03	1.80E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	14.5868	0.00012006	0.00175124	1.05E-03	1.83E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	14.29572	0.00012006	0.00171629	1.05E-03	1.79E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	13.72369	0.00012006	0.00164762	1.05E-03	1.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	12.92612	0.00012006	0.00155186	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	11.68696	0.00012006	0.0014031	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	10.67582	0.00012006	0.0012817	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	1.20E-04	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.7E-02
2	0.60114	0.00012006	7.22E-05	6.05E-04	4.37E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
3	0.64273	0.00012006	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
4	0.68837	0.00012006	8.26E-05	6.05E-04	5.00E-08	14	4.71E-02	3.30E-08	1,000,000	3.30E-02
5	0.74036	0.00012006	8.89E-05	6.05E-04	5.38E-08	14	4.71E-02	3.55E-08	1,000,000	3.55E-02
6	0.55999	0.00012006	6.72E-05	6.05E-04	4.07E-08	14	4.71E-02	2.68E-08	1,000,000	2.68E-02
7	0.59618	0.00012006	7.16E-05	6.05E-04	4.33E-08	14	4.71E-02	2.86E-08	1,000,000	2.86E-02
8	0.63685	0.00012006	7.65E-05	6.05E-04	4.63E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
9	0.6836	0.00012006	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
10	0.73536	0.00012006	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
11	0.55509	0.00012006	6.66E-05	6.05E-04	4.03E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
12	0.59123	0.00012006	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
13	0.63205	0.00012006	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
14	0.67915	0.00012006	8.15E-05	6.05E-04	4.93E-08	14	4.71E-02	3.26E-08	1,000,000	3.26E-02
15	0.73118	0.00012006	8.78E-05	6.05E-04	5.31E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
16	0.55062	0.00012006	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
17	0.58711	0.00012006	7.05E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
18	0.62788	0.00012006	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
19	0.67344	0.00012006	8.09E-05	6.05E-04	4.89E-08	14	4.71E-02	3.23E-08	1,000,000	3.23E-02
20	0.72609	0.00012006	8.72E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
21	0.54693	0.00012006	6.57E-05	6.05E-04	3.97E-08	14	4.71E-02	2.62E-08	1,000,000	2.62E-02
22	0.58339	0.00012006	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
23	0.62444	0.00012006	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	2.99E-08	1,000,000	2.99E-02
24	0.67053	0.00012006	8.05E-05	6.05E-04	4.87E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
25	0.72214	0.00012006	8.67E-05	6.05E-04	5.25E-08	14	4.71E-02	3.46E-08	1,000,000	3.46E-02
113	2.01373	0.00012006	2.42E-04	6.05E-04	1.46E-07	14	4.71E-02	9.65E-08	1,000,000	9.65E-02
114	1.85353	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.89E-08	1,000,000	8.89E-02
115	1.70983	0.00012006	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.20E-08	1,000,000	8.20E-02
116	1.58117	0.00012006	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.58E-08	1,000,000	7.58E-02
117	2.07024	0.00012006	2.49E-04	6.05E-04	1.50E-07	14	4.71E-02	9.93E-08	1,000,000	9.93E-02
118	1.89846	0.00012006	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.10E-08	1,000,000	9.10E-02
119	1.74596	0.00012006	2.10E-04	6.05E-04	1.27E-07	14	4.71E-02	8.37E-08	1,000,000	8.37E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
121	2.12262	0.00012006	2.55E-04	6.05E-04	1.54E-07	14	4.71E-02	1.02E-07	1,000,000	1.02E-01
122	1.93984	0.00012006	2.33E-04	6.05E-04	1.41E-07	14	4.71E-02	9.30E-08	1,000,000	9.30E-02
123	1.77889	0.00012006	2.14E-04	6.05E-04	1.29E-07	14	4.71E-02	8.53E-08	1,000,000	8.53E-02
124	1.6367	0.00012006	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.85E-08	1,000,000	7.85E-02
125	2.17027	0.00012006	2.61E-04	6.05E-04	1.58E-07	14	4.71E-02	1.04E-07	1,000,000	1.04E-01
126	1.97705	0.00012006	2.37E-04	6.05E-04	1.44E-07	14	4.71E-02	9.48E-08	1,000,000	9.48E-02
127	1.8081	0.00012006	2.17E-04	6.05E-04	1.31E-07	14	4.71E-02	8.67E-08	1,000,000	8.67E-02
128	1.65978	0.00012006	1.99E-04	6.05E-04	1.21E-07	14	4.71E-02	7.96E-08	1,000,000	7.96E-02
129	2.21247	0.00012006	2.66E-04	6.05E-04	1.61E-07	14	4.71E-02	1.06E-07	1,000,000	1.06E-01
130	2.0096	0.00012006	2.41E-04	6.05E-04	1.46E-07	14	4.71E-02	9.63E-08	1,000,000	9.63E-02
131	1.83346	0.00012006	2.20E-04	6.05E-04	1.33E-07	14	4.71E-02	8.79E-08	1,000,000	8.79E-02
132	1.67977	0.00012006	2.02E-04	6.05E-04	1.22E-07	14	4.71E-02	8.05E-08	1,000,000	8.05E-02
133	2.24884	0.00012006	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
134	2.03754	0.00012006	2.45E-04	6.05E-04	1.48E-07	14	4.71E-02	9.77E-08	1,000,000	9.77E-02
135	1.8553	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.90E-08	1,000,000	8.90E-02
136	1.69717	0.00012006	2.04E-04	6.05E-04	1.23E-07	14	4.71E-02	8.14E-08	1,000,000	8.14E-02
137	2.27975	0.00012006	2.74E-04	6.05E-04	1.66E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
138	1.87421	0.00012006	2.25E-04	6.05E-04	1.36E-07	14	4.71E-02	8.99E-08	1,000,000	8.99E-02
139	1.71241	0.00012006	2.06E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
140	2.34318	0.00012006	2.81E-04	6.05E-04	1.70E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
141	2.11018	0.00012006	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
142	1.91196	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.17E-08	1,000,000	9.17E-02
143	1.74181	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.35E-08	1,000,000	8.35E-02
144	2.35204	0.00012006	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
145	2.11612	0.00012006	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
146	1.91583	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.19E-08	1,000,000	9.19E-02
147	1.74419	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.36E-08	1,000,000	8.36E-02
148	2.35363	0.00012006	2.83E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01
149	2.11631	0.00012006	2.54E-04	6.05E-04	1.54E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
150	1.91513	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.18E-08	1,000,000	9.18E-02
151	1.74294	0.00012006	2.09E-04	6.05E-04	1.27E-07	14	4.71E-02	8.36E-08	1,000,000	8.36E-02
152	2.34786	0.00012006	2.82E-04	6.05E-04	1.71E-07	14	4.71E-02	1.13E-07	1,000,000	1.13E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	2.53E-04	6.05E-04	1.53E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
154	1.90986	0.00012006	2.29E-04	6.05E-04	1.39E-07	14	4.71E-02	9.16E-08	1,000,000	9.16E-02
155	1.73802	0.00012006	2.09E-04	6.05E-04	1.26E-07	14	4.71E-02	8.33E-08	1,000,000	8.33E-02
156	2.33332	0.00012006	2.80E-04	6.05E-04	1.69E-07	14	4.71E-02	1.12E-07	1,000,000	1.12E-01
157	2.09814	0.00012006	2.52E-04	6.05E-04	1.52E-07	14	4.71E-02	1.01E-07	1,000,000	1.01E-01
158	1.89889	0.00012006	2.28E-04	6.05E-04	1.38E-07	14	4.71E-02	9.10E-08	1,000,000	9.10E-02
159	1.72842	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.29E-08	1,000,000	8.29E-02
160	2.3074	0.00012006	2.77E-04	6.05E-04	1.68E-07	14	4.71E-02	1.11E-07	1,000,000	1.11E-01
161	2.07635	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.95E-08	1,000,000	9.95E-02
162	1.88037	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
163	1.71227	0.00012006	2.06E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
164	2.26841	0.00012006	2.72E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
165	2.044	0.00012006	2.45E-04	6.05E-04	1.48E-07	14	4.71E-02	9.80E-08	1,000,000	9.80E-02
166	1.85166	0.00012006	2.22E-04	6.05E-04	1.35E-07	14	4.71E-02	8.88E-08	1,000,000	8.88E-02
167	1.68788	0.00012006	2.03E-04	6.05E-04	1.23E-07	14	4.71E-02	8.09E-08	1,000,000	8.09E-02
168	2.21614	0.00012006	2.66E-04	6.05E-04	1.61E-07	14	4.71E-02	1.06E-07	1,000,000	1.06E-01
169	2.00116	0.00012006	2.40E-04	6.05E-04	1.45E-07	14	4.71E-02	9.59E-08	1,000,000	9.59E-02
170	1.81572	0.00012006	2.18E-04	6.05E-04	1.32E-07	14	4.71E-02	8.71E-08	1,000,000	8.71E-02
171	1.65787	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.95E-08	1,000,000	7.95E-02
172	2.14968	0.00012006	2.58E-04	6.05E-04	1.56E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
173	1.94767	0.00012006	2.34E-04	6.05E-04	1.41E-07	14	4.71E-02	9.34E-08	1,000,000	9.34E-02
174	1.77211	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
175	1.62139	0.00012006	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.77E-08	1,000,000	7.77E-02
176	2.06593	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.90E-08	1,000,000	9.90E-02
177	1.88146	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
178	1.71889	0.00012006	2.06E-04	6.05E-04	1.25E-07	14	4.71E-02	8.24E-08	1,000,000	8.24E-02
179	1.57781	0.00012006	1.89E-04	6.05E-04	1.15E-07	14	4.71E-02	7.56E-08	1,000,000	7.56E-02
180	1.96171	0.00012006	2.36E-04	6.05E-04	1.43E-07	14	4.71E-02	9.41E-08	1,000,000	9.41E-02
181	1.79887	0.00012006	2.16E-04	6.05E-04	1.31E-07	14	4.71E-02	8.62E-08	1,000,000	8.62E-02
182	1.65349	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.93E-08	1,000,000	7.93E-02
183	1.52517	0.00012006	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.31E-08	1,000,000	7.31E-02
184	2.4477	0.00012006	2.94E-04	6.05E-04	1.78E-07	14	4.71E-02	1.17E-07	1,000,000	1.17E-01
185	2.27413	0.00012006	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	2.51E-04	6.05E-04	1.52E-07	14	4.71E-02	1.00E-07	1,000,000	1.00E-01
187	1.91802	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.20E-08	1,000,000	9.20E-02
188	1.76542	0.00012006	2.12E-04	6.05E-04	1.28E-07	14	4.71E-02	8.46E-08	1,000,000	8.46E-02
189	2.24493	0.00012006	2.70E-04	6.05E-04	1.63E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
190	2.07497	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.95E-08	1,000,000	9.95E-02
191	1.9229	0.00012006	2.31E-04	6.05E-04	1.40E-07	14	4.71E-02	9.22E-08	1,000,000	9.22E-02
192	1.78476	0.00012006	2.14E-04	6.05E-04	1.30E-07	14	4.71E-02	8.56E-08	1,000,000	8.56E-02
193	1.6568	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.94E-08	1,000,000	7.94E-02
194	2.03128	0.00012006	2.44E-04	6.05E-04	1.48E-07	14	4.71E-02	9.74E-08	1,000,000	9.74E-02
195	1.88645	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.04E-08	1,000,000	9.04E-02
196	1.75923	0.00012006	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.43E-08	1,000,000	8.43E-02
197	1.6438	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.88E-08	1,000,000	7.88E-02
198	1.53965	0.00012006	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.38E-08	1,000,000	7.38E-02
199	1.85427	0.00012006	2.23E-04	6.05E-04	1.35E-07	14	4.71E-02	8.89E-08	1,000,000	8.89E-02
200	1.7227	0.00012006	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
201	1.60957	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.72E-08	1,000,000	7.72E-02
202	1.51041	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.24E-08	1,000,000	7.24E-02
203	1.42209	0.00012006	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
204	2.47495	0.00012006	2.97E-04	6.05E-04	1.80E-07	14	4.71E-02	1.19E-07	1,000,000	1.19E-01
205	1.71146	0.00012006	2.05E-04	6.05E-04	1.24E-07	14	4.71E-02	8.21E-08	1,000,000	8.21E-02
206	1.58769	0.00012006	1.91E-04	6.05E-04	1.15E-07	14	4.71E-02	7.61E-08	1,000,000	7.61E-02
207	1.48153	0.00012006	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.10E-08	1,000,000	7.10E-02
208	1.39187	0.00012006	1.67E-04	6.05E-04	1.01E-07	14	4.71E-02	6.67E-08	1,000,000	6.67E-02
209	2.27051	0.00012006	2.73E-04	6.05E-04	1.65E-07	14	4.71E-02	1.09E-07	1,000,000	1.09E-01
210	2.06733	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.91E-08	1,000,000	9.91E-02
211	1.8875	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.05E-08	1,000,000	9.05E-02
212	1.73058	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.30E-08	1,000,000	8.30E-02
213	1.59451	0.00012006	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.64E-08	1,000,000	7.64E-02
214	1.47697	0.00012006	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.08E-08	1,000,000	7.08E-02
215	1.37677	0.00012006	1.65E-04	6.05E-04	1.00E-07	14	4.71E-02	6.60E-08	1,000,000	6.60E-02
216	2.26156	0.00012006	2.72E-04	6.05E-04	1.64E-07	14	4.71E-02	1.08E-07	1,000,000	1.08E-01
217	2.08435	0.00012006	2.50E-04	6.05E-04	1.51E-07	14	4.71E-02	9.99E-08	1,000,000	9.99E-02
218	1.92093	0.00012006	2.31E-04	6.05E-04	1.40E-07	14	4.71E-02	9.21E-08	1,000,000	9.21E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
220	1.63848	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.86E-08	1,000,000	7.86E-02
221	1.5155	0.00012006	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.27E-08	1,000,000	7.27E-02
222	2.06423	0.00012006	2.48E-04	6.05E-04	1.50E-07	14	4.71E-02	9.90E-08	1,000,000	9.90E-02
223	1.91261	0.00012006	2.30E-04	6.05E-04	1.39E-07	14	4.71E-02	9.17E-08	1,000,000	9.17E-02
224	1.77389	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.50E-08	1,000,000	8.50E-02
225	1.64726	0.00012006	1.98E-04	6.05E-04	1.20E-07	14	4.71E-02	7.90E-08	1,000,000	7.90E-02
226	1.52949	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.33E-08	1,000,000	7.33E-02
227	1.89126	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02
228	1.76092	0.00012006	2.11E-04	6.05E-04	1.28E-07	14	4.71E-02	8.44E-08	1,000,000	8.44E-02
229	1.64208	0.00012006	1.97E-04	6.05E-04	1.19E-07	14	4.71E-02	7.87E-08	1,000,000	7.87E-02
230	1.53118	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.34E-08	1,000,000	7.34E-02
231	1.73891	0.00012006	2.09E-04	6.05E-04	1.26E-07	14	4.71E-02	8.34E-08	1,000,000	8.34E-02
232	1.62724	0.00012006	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.80E-08	1,000,000	7.80E-02
233	1.52385	0.00012006	1.83E-04	6.05E-04	1.11E-07	14	4.71E-02	7.31E-08	1,000,000	7.31E-02
234	1.42723	0.00012006	1.71E-04	6.05E-04	1.04E-07	14	4.71E-02	6.84E-08	1,000,000	6.84E-02
235	1.60542	0.00012006	1.93E-04	6.05E-04	1.17E-07	14	4.71E-02	7.70E-08	1,000,000	7.70E-02
236	1.50836	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.23E-08	1,000,000	7.23E-02
237	1.41726	0.00012006	1.70E-04	6.05E-04	1.03E-07	14	4.71E-02	6.79E-08	1,000,000	6.79E-02
238	1.33315	0.00012006	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
239	1.4874	0.00012006	1.79E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
240	1.40209	0.00012006	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
241	1.32178	0.00012006	1.59E-04	6.05E-04	9.60E-08	14	4.71E-02	6.34E-08	1,000,000	6.34E-02
242	1.24785	0.00012006	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
243	2.15522	0.00012006	2.59E-04	6.05E-04	1.57E-07	14	4.71E-02	1.03E-07	1,000,000	1.03E-01
244	2.07335	0.00012006	2.49E-04	6.05E-04	1.51E-07	14	4.71E-02	9.94E-08	1,000,000	9.94E-02
245	1.97921	0.00012006	2.38E-04	6.05E-04	1.44E-07	14	4.71E-02	9.49E-08	1,000,000	9.49E-02
246	1.87837	0.00012006	2.26E-04	6.05E-04	1.36E-07	14	4.71E-02	9.01E-08	1,000,000	9.01E-02
247	1.7751	0.00012006	2.13E-04	6.05E-04	1.29E-07	14	4.71E-02	8.51E-08	1,000,000	8.51E-02
248	1.6755	0.00012006	2.01E-04	6.05E-04	1.22E-07	14	4.71E-02	8.03E-08	1,000,000	8.03E-02
249	1.58042	0.00012006	1.90E-04	6.05E-04	1.15E-07	14	4.71E-02	7.58E-08	1,000,000	7.58E-02
250	1.96457	0.00012006	2.36E-04	6.05E-04	1.43E-07	14	4.71E-02	9.42E-08	1,000,000	9.42E-02
251	1.89248	0.00012006	2.27E-04	6.05E-04	1.37E-07	14	4.71E-02	9.07E-08	1,000,000	9.07E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	2.17E-04	6.05E-04	1.32E-07	14	4.71E-02	8.68E-08	1,000,000	8.68E-02
253	1.72307	0.00012006	2.07E-04	6.05E-04	1.25E-07	14	4.71E-02	8.26E-08	1,000,000	8.26E-02
254	1.63344	0.00012006	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.83E-08	1,000,000	7.83E-02
255	1.5467	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
256	1.46272	0.00012006	1.76E-04	6.05E-04	1.06E-07	14	4.71E-02	7.01E-08	1,000,000	7.01E-02
257	1.79946	0.00012006	2.16E-04	6.05E-04	1.31E-07	14	4.71E-02	8.63E-08	1,000,000	8.63E-02
258	1.73564	0.00012006	2.08E-04	6.05E-04	1.26E-07	14	4.71E-02	8.32E-08	1,000,000	8.32E-02
259	1.66381	0.00012006	2.00E-04	6.05E-04	1.21E-07	14	4.71E-02	7.98E-08	1,000,000	7.98E-02
260	1.58746	0.00012006	1.91E-04	6.05E-04	1.15E-07	14	4.71E-02	7.61E-08	1,000,000	7.61E-02
261	1.50917	0.00012006	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.24E-08	1,000,000	7.24E-02
262	1.43302	0.00012006	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.87E-08	1,000,000	6.87E-02
263	1.35936	0.00012006	1.63E-04	6.05E-04	9.87E-08	14	4.71E-02	6.52E-08	1,000,000	6.52E-02
264	1.6558	0.00012006	1.99E-04	6.05E-04	1.20E-07	14	4.71E-02	7.94E-08	1,000,000	7.94E-02
265	1.59884	0.00012006	1.92E-04	6.05E-04	1.16E-07	14	4.71E-02	7.67E-08	1,000,000	7.67E-02
266	1.53533	0.00012006	1.84E-04	6.05E-04	1.12E-07	14	4.71E-02	7.36E-08	1,000,000	7.36E-02
267	1.46825	0.00012006	1.76E-04	6.05E-04	1.07E-07	14	4.71E-02	7.04E-08	1,000,000	7.04E-02
268	1.40011	0.00012006	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.71E-08	1,000,000	6.71E-02
269	1.3327	0.00012006	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
270	1.26741	0.00012006	1.52E-04	6.05E-04	9.21E-08	14	4.71E-02	6.08E-08	1,000,000	6.08E-02
271	1.52937	0.00012006	1.84E-04	6.05E-04	1.11E-07	14	4.71E-02	7.33E-08	1,000,000	7.33E-02
272	1.47846	0.00012006	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
273	1.42213	0.00012006	1.71E-04	6.05E-04	1.03E-07	14	4.71E-02	6.82E-08	1,000,000	6.82E-02
274	1.36278	0.00012006	1.64E-04	6.05E-04	9.90E-08	14	4.71E-02	6.53E-08	1,000,000	6.53E-02
275	1.30249	0.00012006	1.56E-04	6.05E-04	9.46E-08	14	4.71E-02	6.24E-08	1,000,000	6.24E-02
276	1.243	0.00012006	1.49E-04	6.05E-04	9.03E-08	14	4.71E-02	5.96E-08	1,000,000	5.96E-02
277	1.1847	0.00012006	1.42E-04	6.05E-04	8.61E-08	14	4.71E-02	5.68E-08	1,000,000	5.68E-02
278	1.47907	0.00012006	1.78E-04	6.05E-04	1.07E-07	14	4.71E-02	7.09E-08	1,000,000	7.09E-02
279	1.54793	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02
280	1.72779	0.00012006	2.07E-04	6.05E-04	1.26E-07	14	4.71E-02	8.28E-08	1,000,000	8.28E-02
281	1.7029	0.00012006	2.04E-04	6.05E-04	1.24E-07	14	4.71E-02	8.16E-08	1,000,000	8.16E-02
282	1.88133	0.00012006	2.26E-04	6.05E-04	1.37E-07	14	4.71E-02	9.02E-08	1,000,000	9.02E-02
283	1.5477	0.00012006	1.86E-04	6.05E-04	1.12E-07	14	4.71E-02	7.42E-08	1,000,000	7.42E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	4.73824	0.00012006	5.69E-04	6.05E-04	3.44E-07	10	4.71E-02	1.62E-07	1,000,000	1.62E-01
27	5.00637	0.00012006	6.01E-04	6.05E-04	3.64E-07	10	4.71E-02	1.71E-07	1,000,000	1.71E-01
28	5.27737	0.00012006	6.34E-04	6.05E-04	3.83E-07	10	4.71E-02	1.81E-07	1,000,000	1.81E-01
29	5.53917	0.00012006	6.65E-04	6.05E-04	4.02E-07	10	4.71E-02	1.90E-07	1,000,000	1.90E-01
30	5.7811	0.00012006	6.94E-04	6.05E-04	4.20E-07	10	4.71E-02	1.98E-07	1,000,000	1.98E-01
31	5.99591	0.00012006	7.20E-04	6.05E-04	4.36E-07	10	4.71E-02	2.05E-07	1,000,000	2.05E-01
32	6.17906	0.00012006	7.42E-04	6.05E-04	4.49E-07	10	4.71E-02	2.12E-07	1,000,000	2.12E-01
33	6.32678	0.00012006	7.60E-04	6.05E-04	4.60E-07	10	4.71E-02	2.17E-07	1,000,000	2.17E-01
34	6.43471	0.00012006	7.73E-04	6.05E-04	4.67E-07	10	4.71E-02	2.20E-07	1,000,000	2.20E-01
35	6.49733	0.00012006	7.80E-04	6.05E-04	4.72E-07	10	4.71E-02	2.23E-07	1,000,000	2.23E-01
36	6.50666	0.00012006	7.81E-04	6.05E-04	4.73E-07	10	4.71E-02	2.23E-07	1,000,000	2.23E-01
37	5.18338	0.00012006	6.22E-04	6.05E-04	3.77E-07	10	4.71E-02	1.78E-07	1,000,000	1.78E-01
38	5.49406	0.00012006	6.60E-04	6.05E-04	3.99E-07	10	4.71E-02	1.88E-07	1,000,000	1.88E-01
39	5.80857	0.00012006	6.97E-04	6.05E-04	4.22E-07	10	4.71E-02	1.99E-07	1,000,000	1.99E-01
40	6.11174	0.00012006	7.34E-04	6.05E-04	4.44E-07	10	4.71E-02	2.09E-07	1,000,000	2.09E-01
41	6.39006	0.00012006	7.67E-04	6.05E-04	4.64E-07	10	4.71E-02	2.19E-07	1,000,000	2.19E-01
42	6.6342	0.00012006	7.96E-04	6.05E-04	4.82E-07	10	4.71E-02	2.27E-07	1,000,000	2.27E-01
43	6.83816	0.00012006	8.21E-04	6.05E-04	4.97E-07	10	4.71E-02	2.34E-07	1,000,000	2.34E-01
44	6.99673	0.00012006	8.40E-04	6.05E-04	5.08E-07	10	4.71E-02	2.40E-07	1,000,000	2.40E-01
45	7.10401	0.00012006	8.53E-04	6.05E-04	5.16E-07	10	4.71E-02	2.43E-07	1,000,000	2.43E-01
46	7.15303	0.00012006	8.59E-04	6.05E-04	5.20E-07	10	4.71E-02	2.45E-07	1,000,000	2.45E-01
47	7.13486	0.00012006	8.57E-04	6.05E-04	5.18E-07	10	4.71E-02	2.44E-07	1,000,000	2.44E-01
48	5.699	0.00012006	6.84E-04	6.05E-04	4.14E-07	10	4.71E-02	1.95E-07	1,000,000	1.95E-01
49	6.06208	0.00012006	7.28E-04	6.05E-04	4.40E-07	10	4.71E-02	2.08E-07	1,000,000	2.08E-01
50	6.43031	0.00012006	7.72E-04	6.05E-04	4.67E-07	10	4.71E-02	2.20E-07	1,000,000	2.20E-01
51	6.78439	0.00012006	8.15E-04	6.05E-04	4.93E-07	10	4.71E-02	2.32E-07	1,000,000	2.32E-01
52	7.10685	0.00012006	8.53E-04	6.05E-04	5.16E-07	10	4.71E-02	2.43E-07	1,000,000	2.43E-01
53	7.38558	0.00012006	8.87E-04	6.05E-04	5.37E-07	10	4.71E-02	2.53E-07	1,000,000	2.53E-01
54	7.61244	0.00012006	9.14E-04	6.05E-04	5.53E-07	10	4.71E-02	2.61E-07	1,000,000	2.61E-01
55	7.78023	0.00012006	9.34E-04	6.05E-04	5.65E-07	10	4.71E-02	2.66E-07	1,000,000	2.66E-01
56	7.88098	0.00012006	9.46E-04	6.05E-04	5.72E-07	10	4.71E-02	2.70E-07	1,000,000	2.70E-01
57	7.90614	0.00012006	9.49E-04	6.05E-04	5.74E-07	10	4.71E-02	2.71E-07	1,000,000	2.71E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	9.42E-04	6.05E-04	5.70E-07	10	4.71E-02	2.69E-07	1,000,000	2.69E-01
59	6.3013	0.00012006	7.57E-04	6.05E-04	4.58E-07	10	4.71E-02	2.16E-07	1,000,000	2.16E-01
60	6.7297	0.00012006	8.08E-04	6.05E-04	4.89E-07	10	4.71E-02	2.30E-07	1,000,000	2.30E-01
61	7.1651	0.00012006	8.60E-04	6.05E-04	5.20E-07	10	4.71E-02	2.45E-07	1,000,000	2.45E-01
62	7.58254	0.00012006	9.10E-04	6.05E-04	5.51E-07	10	4.71E-02	2.60E-07	1,000,000	2.60E-01
63	7.95908	0.00012006	9.56E-04	6.05E-04	5.78E-07	10	4.71E-02	2.73E-07	1,000,000	2.73E-01
64	8.27861	0.00012006	9.94E-04	6.05E-04	6.01E-07	10	4.71E-02	2.84E-07	1,000,000	2.84E-01
65	8.52998	0.00012006	1.02E-03	6.05E-04	6.20E-07	10	4.71E-02	2.92E-07	1,000,000	2.92E-01
66	8.70313	0.00012006	1.04E-03	6.05E-04	6.32E-07	10	4.71E-02	2.98E-07	1,000,000	2.98E-01
67	8.78743	0.00012006	1.05E-03	6.05E-04	6.38E-07	10	4.71E-02	3.01E-07	1,000,000	3.01E-01
68	8.77289	0.00012006	1.05E-03	6.05E-04	6.37E-07	10	4.71E-02	3.00E-07	1,000,000	3.00E-01
69	8.65098	0.00012006	1.04E-03	6.05E-04	6.28E-07	10	4.71E-02	2.96E-07	1,000,000	2.96E-01
70	7.01142	0.00012006	8.42E-04	6.05E-04	5.09E-07	10	4.71E-02	2.40E-07	1,000,000	2.40E-01
71	7.52239	0.00012006	9.03E-04	6.05E-04	5.46E-07	10	4.71E-02	2.58E-07	1,000,000	2.58E-01
72	8.04302	0.00012006	9.66E-04	6.05E-04	5.84E-07	10	4.71E-02	2.75E-07	1,000,000	2.75E-01
73	8.54041	0.00012006	1.03E-03	6.05E-04	6.20E-07	10	4.71E-02	2.92E-07	1,000,000	2.92E-01
74	8.98382	0.00012006	1.08E-03	6.05E-04	6.53E-07	10	4.71E-02	3.08E-07	1,000,000	3.08E-01
75	9.35138	0.00012006	1.12E-03	6.05E-04	6.79E-07	10	4.71E-02	3.20E-07	1,000,000	3.20E-01
76	9.62755	0.00012006	1.16E-03	6.05E-04	6.99E-07	10	4.71E-02	3.30E-07	1,000,000	3.30E-01
77	9.7982	0.00012006	1.18E-03	6.05E-04	7.12E-07	10	4.71E-02	3.36E-07	1,000,000	3.36E-01
78	9.84952	0.00012006	1.18E-03	6.05E-04	7.15E-07	10	4.71E-02	3.37E-07	1,000,000	3.37E-01
79	9.77107	0.00012006	1.17E-03	6.05E-04	7.10E-07	10	4.71E-02	3.35E-07	1,000,000	3.35E-01
80	9.55783	0.00012006	1.15E-03	6.05E-04	6.94E-07	10	4.71E-02	3.27E-07	1,000,000	3.27E-01
81	7.85749	0.00012006	9.43E-04	6.05E-04	5.71E-07	10	4.71E-02	2.69E-07	1,000,000	2.69E-01
82	8.47449	0.00012006	1.02E-03	6.05E-04	6.16E-07	10	4.71E-02	2.90E-07	1,000,000	2.90E-01
83	9.105	0.00012006	1.09E-03	6.05E-04	6.61E-07	10	4.71E-02	3.12E-07	1,000,000	3.12E-01
84	9.70482	0.00012006	1.17E-03	6.05E-04	7.05E-07	10	4.71E-02	3.32E-07	1,000,000	3.32E-01
85	10.23178	0.00012006	1.23E-03	6.05E-04	7.43E-07	10	4.71E-02	3.50E-07	1,000,000	3.50E-01
86	10.65545	0.00012006	1.28E-03	6.05E-04	7.74E-07	10	4.71E-02	3.65E-07	1,000,000	3.65E-01
87	10.95378	0.00012006	1.32E-03	6.05E-04	7.96E-07	10	4.71E-02	3.75E-07	1,000,000	3.75E-01
88	11.10698	0.00012006	1.33E-03	6.05E-04	8.07E-07	10	4.71E-02	3.80E-07	1,000,000	3.80E-01
89	11.09807	0.00012006	1.33E-03	6.05E-04	8.06E-07	10	4.71E-02	3.80E-07	1,000,000	3.80E-01
90	10.91888	0.00012006	1.31E-03	6.05E-04	7.93E-07	10	4.71E-02	3.74E-07	1,000,000	3.74E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	1.27E-03	6.05E-04	7.68E-07	10	4.71E-02	3.62E-07	1,000,000	3.62E-01
92	8.87755	0.00012006	1.07E-03	6.05E-04	6.45E-07	10	4.71E-02	3.04E-07	1,000,000	3.04E-01
93	9.63315	0.00012006	1.16E-03	6.05E-04	7.00E-07	10	4.71E-02	3.30E-07	1,000,000	3.30E-01
94	10.40807	0.00012006	1.25E-03	6.05E-04	7.56E-07	10	4.71E-02	3.56E-07	1,000,000	3.56E-01
95	11.14143	0.00012006	1.34E-03	6.05E-04	8.09E-07	10	4.71E-02	3.82E-07	1,000,000	3.82E-01
96	11.77382	0.00012006	1.41E-03	6.05E-04	8.55E-07	10	4.71E-02	4.03E-07	1,000,000	4.03E-01
97	12.26183	0.00012006	1.47E-03	6.05E-04	8.91E-07	10	4.71E-02	4.20E-07	1,000,000	4.20E-01
98	12.57354	0.00012006	1.51E-03	6.05E-04	9.13E-07	10	4.71E-02	4.31E-07	1,000,000	4.31E-01
99	12.6817	0.00012006	1.52E-03	6.05E-04	9.21E-07	10	4.71E-02	4.34E-07	1,000,000	4.34E-01
100	12.56792	0.00012006	1.51E-03	6.05E-04	9.13E-07	10	4.71E-02	4.30E-07	1,000,000	4.30E-01
101	12.23282	0.00012006	1.47E-03	6.05E-04	8.89E-07	10	4.71E-02	4.19E-07	1,000,000	4.19E-01
102	11.69847	0.00012006	1.40E-03	6.05E-04	8.50E-07	10	4.71E-02	4.01E-07	1,000,000	4.01E-01
103	12.54262	0.00012006	1.51E-03	6.05E-04	9.11E-07	10	4.71E-02	4.30E-07	1,000,000	4.30E-01
104	13.29962	0.00012006	1.60E-03	6.05E-04	9.66E-07	10	4.71E-02	4.55E-07	1,000,000	4.55E-01
105	14.05829	0.00012006	1.69E-03	6.05E-04	1.02E-06	10	4.71E-02	4.81E-07	1,000,000	4.81E-01
106	14.33978	0.00012006	1.72E-03	6.05E-04	1.04E-06	10	4.71E-02	4.91E-07	1,000,000	4.91E-01
107	14.5868	0.00012006	1.75E-03	6.05E-04	1.06E-06	10	4.71E-02	5.00E-07	1,000,000	5.00E-01
108	14.29572	0.00012006	1.72E-03	6.05E-04	1.04E-06	10	4.71E-02	4.90E-07	1,000,000	4.90E-01
109	13.72369	0.00012006	1.65E-03	6.05E-04	9.97E-07	10	4.71E-02	4.70E-07	1,000,000	4.70E-01
110	12.92612	0.00012006	1.55E-03	6.05E-04	9.39E-07	10	4.71E-02	4.43E-07	1,000,000	4.43E-01
111	11.68696	0.00012006	1.40E-03	6.05E-04	8.49E-07	10	4.71E-02	4.00E-07	1,000,000	4.00E-01
112	10.67582	0.00012006	1.28E-03	6.05E-04	7.76E-07	10	4.71E-02	3.66E-07	1,000,000	3.66E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.56451	1.20E-04	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.72E-09	1000000.0	2.7E-03
2	0.60114	0.00012006	7.22E-05	2.50E-04	1.81E-08	14	1.15E-02	2.90E-09	1,000,000	2.90E-03
3	0.64273	0.00012006	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
4	0.68837	0.00012006	8.26E-05	2.50E-04	2.07E-08	14	1.15E-02	3.32E-09	1,000,000	3.32E-03
5	0.74036	0.00012006	8.89E-05	2.50E-04	2.22E-08	14	1.15E-02	3.57E-09	1,000,000	3.57E-03
6	0.55999	0.00012006	6.72E-05	2.50E-04	1.68E-08	14	1.15E-02	2.70E-09	1,000,000	2.70E-03
7	0.59618	0.00012006	7.16E-05	2.50E-04	1.79E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
8	0.63685	0.00012006	7.65E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
9	0.6836	0.00012006	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
10	0.73536	0.00012006	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
11	0.55509	0.00012006	6.66E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
12	0.59123	0.00012006	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
13	0.63205	0.00012006	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
14	0.67915	0.00012006	8.15E-05	2.50E-04	2.04E-08	14	1.15E-02	3.28E-09	1,000,000	3.28E-03
15	0.73118	0.00012006	8.78E-05	2.50E-04	2.20E-08	14	1.15E-02	3.53E-09	1,000,000	3.53E-03
16	0.55062	0.00012006	6.61E-05	2.50E-04	1.65E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
17	0.58711	0.00012006	7.05E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
18	0.62788	0.00012006	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
19	0.67344	0.00012006	8.09E-05	2.50E-04	2.02E-08	14	1.15E-02	3.25E-09	1,000,000	3.25E-03
20	0.72609	0.00012006	8.72E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
21	0.54693	0.00012006	6.57E-05	2.50E-04	1.64E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
22	0.58339	0.00012006	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.82E-09	1,000,000	2.82E-03
23	0.62444	0.00012006	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.01E-09	1,000,000	3.01E-03
24	0.67053	0.00012006	8.05E-05	2.50E-04	2.01E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
25	0.72214	0.00012006	8.67E-05	2.50E-04	2.17E-08	14	1.15E-02	3.48E-09	1,000,000	3.48E-03
113	2.01373	0.00012006	2.42E-04	2.50E-04	6.05E-08	14	1.15E-02	9.72E-09	1,000,000	9.72E-03
114	1.85353	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
115	1.70983	0.00012006	2.05E-04	2.50E-04	5.14E-08	14	1.15E-02	8.25E-09	1,000,000	8.25E-03
116	1.58117	0.00012006	1.90E-04	2.50E-04	4.75E-08	14	1.15E-02	7.63E-09	1,000,000	7.63E-03
117	2.07024	0.00012006	2.49E-04	2.50E-04	6.22E-08	14	1.15E-02	9.99E-09	1,000,000	9.99E-03
118	1.89846	0.00012006	2.28E-04	2.50E-04	5.70E-08	14	1.15E-02	9.16E-09	1,000,000	9.16E-03
119	1.74596	0.00012006	2.10E-04	2.50E-04	5.25E-08	14	1.15E-02	8.43E-09	1,000,000	8.43E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.61041	0.00012006	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
121	2.12262	0.00012006	2.55E-04	2.50E-04	6.38E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
122	1.93984	0.00012006	2.33E-04	2.50E-04	5.83E-08	14	1.15E-02	9.36E-09	1,000,000	9.36E-03
123	1.77889	0.00012006	2.14E-04	2.50E-04	5.35E-08	14	1.15E-02	8.58E-09	1,000,000	8.58E-03
124	1.6367	0.00012006	1.96E-04	2.50E-04	4.92E-08	14	1.15E-02	7.90E-09	1,000,000	7.90E-03
125	2.17027	0.00012006	2.61E-04	2.50E-04	6.52E-08	14	1.15E-02	1.05E-08	1,000,000	1.05E-02
126	1.97705	0.00012006	2.37E-04	2.50E-04	5.94E-08	14	1.15E-02	9.54E-09	1,000,000	9.54E-03
127	1.8081	0.00012006	2.17E-04	2.50E-04	5.43E-08	14	1.15E-02	8.73E-09	1,000,000	8.73E-03
128	1.65978	0.00012006	1.99E-04	2.50E-04	4.99E-08	14	1.15E-02	8.01E-09	1,000,000	8.01E-03
129	2.21247	0.00012006	2.66E-04	2.50E-04	6.65E-08	14	1.15E-02	1.07E-08	1,000,000	1.07E-02
130	2.0096	0.00012006	2.41E-04	2.50E-04	6.04E-08	14	1.15E-02	9.70E-09	1,000,000	9.70E-03
131	1.83346	0.00012006	2.20E-04	2.50E-04	5.51E-08	14	1.15E-02	8.85E-09	1,000,000	8.85E-03
132	1.67977	0.00012006	2.02E-04	2.50E-04	5.05E-08	14	1.15E-02	8.11E-09	1,000,000	8.11E-03
133	2.24884	0.00012006	2.70E-04	2.50E-04	6.76E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
134	2.03754	0.00012006	2.45E-04	2.50E-04	6.12E-08	14	1.15E-02	9.83E-09	1,000,000	9.83E-03
135	1.8553	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.95E-09	1,000,000	8.95E-03
136	1.69717	0.00012006	2.04E-04	2.50E-04	5.10E-08	14	1.15E-02	8.19E-09	1,000,000	8.19E-03
137	2.27975	0.00012006	2.74E-04	2.50E-04	6.85E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
138	1.87421	0.00012006	2.25E-04	2.50E-04	5.63E-08	14	1.15E-02	9.04E-09	1,000,000	9.04E-03
139	1.71241	0.00012006	2.06E-04	2.50E-04	5.15E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
140	2.34318	0.00012006	2.81E-04	2.50E-04	7.04E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
141	2.11018	0.00012006	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
142	1.91196	0.00012006	2.30E-04	2.50E-04	5.74E-08	14	1.15E-02	9.23E-09	1,000,000	9.23E-03
143	1.74181	0.00012006	2.09E-04	2.50E-04	5.23E-08	14	1.15E-02	8.41E-09	1,000,000	8.41E-03
144	2.35204	0.00012006	2.82E-04	2.50E-04	7.07E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
145	2.11612	0.00012006	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
146	1.91583	0.00012006	2.30E-04	2.50E-04	5.76E-08	14	1.15E-02	9.24E-09	1,000,000	9.24E-03
147	1.74419	0.00012006	2.09E-04	2.50E-04	5.24E-08	14	1.15E-02	8.42E-09	1,000,000	8.42E-03
148	2.35363	0.00012006	2.83E-04	2.50E-04	7.07E-08	14	1.15E-02	1.14E-08	1,000,000	1.14E-02
149	2.11631	0.00012006	2.54E-04	2.50E-04	6.36E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
150	1.91513	0.00012006	2.30E-04	2.50E-04	5.75E-08	14	1.15E-02	9.24E-09	1,000,000	9.24E-03
151	1.74294	0.00012006	2.09E-04	2.50E-04	5.24E-08	14	1.15E-02	8.41E-09	1,000,000	8.41E-03
152	2.34786	0.00012006	2.82E-04	2.50E-04	7.05E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.11074	0.00012006	2.53E-04	2.50E-04	6.34E-08	14	1.15E-02	1.02E-08	1,000,000	1.02E-02
154	1.90986	0.00012006	2.29E-04	2.50E-04	5.74E-08	14	1.15E-02	9.22E-09	1,000,000	9.22E-03
155	1.73802	0.00012006	2.09E-04	2.50E-04	5.22E-08	14	1.15E-02	8.39E-09	1,000,000	8.39E-03
156	2.33332	0.00012006	2.80E-04	2.50E-04	7.01E-08	14	1.15E-02	1.13E-08	1,000,000	1.13E-02
157	2.09814	0.00012006	2.52E-04	2.50E-04	6.30E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
158	1.89889	0.00012006	2.28E-04	2.50E-04	5.71E-08	14	1.15E-02	9.16E-09	1,000,000	9.16E-03
159	1.72842	0.00012006	2.08E-04	2.50E-04	5.19E-08	14	1.15E-02	8.34E-09	1,000,000	8.34E-03
160	2.3074	0.00012006	2.77E-04	2.50E-04	6.93E-08	14	1.15E-02	1.11E-08	1,000,000	1.11E-02
161	2.07635	0.00012006	2.49E-04	2.50E-04	6.24E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
162	1.88037	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.07E-09	1,000,000	9.07E-03
163	1.71227	0.00012006	2.06E-04	2.50E-04	5.14E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
164	2.26841	0.00012006	2.72E-04	2.50E-04	6.82E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
165	2.044	0.00012006	2.45E-04	2.50E-04	6.14E-08	14	1.15E-02	9.86E-09	1,000,000	9.86E-03
166	1.85166	0.00012006	2.22E-04	2.50E-04	5.56E-08	14	1.15E-02	8.94E-09	1,000,000	8.94E-03
167	1.68788	0.00012006	2.03E-04	2.50E-04	5.07E-08	14	1.15E-02	8.14E-09	1,000,000	8.14E-03
168	2.21614	0.00012006	2.66E-04	2.50E-04	6.66E-08	14	1.15E-02	1.07E-08	1,000,000	1.07E-02
169	2.00116	0.00012006	2.40E-04	2.50E-04	6.01E-08	14	1.15E-02	9.66E-09	1,000,000	9.66E-03
170	1.81572	0.00012006	2.18E-04	2.50E-04	5.46E-08	14	1.15E-02	8.76E-09	1,000,000	8.76E-03
171	1.65787	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	8.00E-09	1,000,000	8.00E-03
172	2.14968	0.00012006	2.58E-04	2.50E-04	6.46E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
173	1.94767	0.00012006	2.34E-04	2.50E-04	5.85E-08	14	1.15E-02	9.40E-09	1,000,000	9.40E-03
174	1.77211	0.00012006	2.13E-04	2.50E-04	5.32E-08	14	1.15E-02	8.55E-09	1,000,000	8.55E-03
175	1.62139	0.00012006	1.95E-04	2.50E-04	4.87E-08	14	1.15E-02	7.82E-09	1,000,000	7.82E-03
176	2.06593	0.00012006	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.97E-09	1,000,000	9.97E-03
177	1.88146	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.08E-09	1,000,000	9.08E-03
178	1.71889	0.00012006	2.06E-04	2.50E-04	5.16E-08	14	1.15E-02	8.29E-09	1,000,000	8.29E-03
179	1.57781	0.00012006	1.89E-04	2.50E-04	4.74E-08	14	1.15E-02	7.61E-09	1,000,000	7.61E-03
180	1.96171	0.00012006	2.36E-04	2.50E-04	5.89E-08	14	1.15E-02	9.47E-09	1,000,000	9.47E-03
181	1.79887	0.00012006	2.16E-04	2.50E-04	5.41E-08	14	1.15E-02	8.68E-09	1,000,000	8.68E-03
182	1.65349	0.00012006	1.99E-04	2.50E-04	4.97E-08	14	1.15E-02	7.98E-09	1,000,000	7.98E-03
183	1.52517	0.00012006	1.83E-04	2.50E-04	4.58E-08	14	1.15E-02	7.36E-09	1,000,000	7.36E-03
184	2.4477	0.00012006	2.94E-04	2.50E-04	7.35E-08	14	1.15E-02	1.18E-08	1,000,000	1.18E-02
185	2.27413	0.00012006	2.73E-04	2.50E-04	6.83E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.0866	0.00012006	2.51E-04	2.50E-04	6.27E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
187	1.91802	0.00012006	2.30E-04	2.50E-04	5.76E-08	14	1.15E-02	9.26E-09	1,000,000	9.26E-03
188	1.76542	0.00012006	2.12E-04	2.50E-04	5.30E-08	14	1.15E-02	8.52E-09	1,000,000	8.52E-03
189	2.24493	0.00012006	2.70E-04	2.50E-04	6.75E-08	14	1.15E-02	1.08E-08	1,000,000	1.08E-02
190	2.07497	0.00012006	2.49E-04	2.50E-04	6.23E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
191	1.9229	0.00012006	2.31E-04	2.50E-04	5.78E-08	14	1.15E-02	9.28E-09	1,000,000	9.28E-03
192	1.78476	0.00012006	2.14E-04	2.50E-04	5.36E-08	14	1.15E-02	8.61E-09	1,000,000	8.61E-03
193	1.6568	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	7.99E-09	1,000,000	7.99E-03
194	2.03128	0.00012006	2.44E-04	2.50E-04	6.10E-08	14	1.15E-02	9.80E-09	1,000,000	9.80E-03
195	1.88645	0.00012006	2.26E-04	2.50E-04	5.67E-08	14	1.15E-02	9.10E-09	1,000,000	9.10E-03
196	1.75923	0.00012006	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.49E-09	1,000,000	8.49E-03
197	1.6438	0.00012006	1.97E-04	2.50E-04	4.94E-08	14	1.15E-02	7.93E-09	1,000,000	7.93E-03
198	1.53965	0.00012006	1.85E-04	2.50E-04	4.63E-08	14	1.15E-02	7.43E-09	1,000,000	7.43E-03
199	1.85427	0.00012006	2.23E-04	2.50E-04	5.57E-08	14	1.15E-02	8.95E-09	1,000,000	8.95E-03
200	1.7227	0.00012006	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.31E-09	1,000,000	8.31E-03
201	1.60957	0.00012006	1.93E-04	2.50E-04	4.84E-08	14	1.15E-02	7.77E-09	1,000,000	7.77E-03
202	1.51041	0.00012006	1.81E-04	2.50E-04	4.54E-08	14	1.15E-02	7.29E-09	1,000,000	7.29E-03
203	1.42209	0.00012006	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
204	2.47495	0.00012006	2.97E-04	2.50E-04	7.44E-08	14	1.15E-02	1.19E-08	1,000,000	1.19E-02
205	1.71146	0.00012006	2.05E-04	2.50E-04	5.14E-08	14	1.15E-02	8.26E-09	1,000,000	8.26E-03
206	1.58769	0.00012006	1.91E-04	2.50E-04	4.77E-08	14	1.15E-02	7.66E-09	1,000,000	7.66E-03
207	1.48153	0.00012006	1.78E-04	2.50E-04	4.45E-08	14	1.15E-02	7.15E-09	1,000,000	7.15E-03
208	1.39187	0.00012006	1.67E-04	2.50E-04	4.18E-08	14	1.15E-02	6.72E-09	1,000,000	6.72E-03
209	2.27051	0.00012006	2.73E-04	2.50E-04	6.82E-08	14	1.15E-02	1.10E-08	1,000,000	1.10E-02
210	2.06733	0.00012006	2.48E-04	2.50E-04	6.21E-08	14	1.15E-02	9.98E-09	1,000,000	9.98E-03
211	1.8875	0.00012006	2.27E-04	2.50E-04	5.67E-08	14	1.15E-02	9.11E-09	1,000,000	9.11E-03
212	1.73058	0.00012006	2.08E-04	2.50E-04	5.20E-08	14	1.15E-02	8.35E-09	1,000,000	8.35E-03
213	1.59451	0.00012006	1.91E-04	2.50E-04	4.79E-08	14	1.15E-02	7.69E-09	1,000,000	7.69E-03
214	1.47697	0.00012006	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
215	1.37677	0.00012006	1.65E-04	2.50E-04	4.14E-08	14	1.15E-02	6.64E-09	1,000,000	6.64E-03
216	2.26156	0.00012006	2.72E-04	2.50E-04	6.80E-08	14	1.15E-02	1.09E-08	1,000,000	1.09E-02
217	2.08435	0.00012006	2.50E-04	2.50E-04	6.26E-08	14	1.15E-02	1.01E-08	1,000,000	1.01E-02
218	1.92093	0.00012006	2.31E-04	2.50E-04	5.77E-08	14	1.15E-02	9.27E-09	1,000,000	9.27E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.77374	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.56E-09	1,000,000	8.56E-03
220	1.63848	0.00012006	1.97E-04	2.50E-04	4.92E-08	14	1.15E-02	7.91E-09	1,000,000	7.91E-03
221	1.5155	0.00012006	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
222	2.06423	0.00012006	2.48E-04	2.50E-04	6.20E-08	14	1.15E-02	9.96E-09	1,000,000	9.96E-03
223	1.91261	0.00012006	2.30E-04	2.50E-04	5.75E-08	14	1.15E-02	9.23E-09	1,000,000	9.23E-03
224	1.77389	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.56E-09	1,000,000	8.56E-03
225	1.64726	0.00012006	1.98E-04	2.50E-04	4.95E-08	14	1.15E-02	7.95E-09	1,000,000	7.95E-03
226	1.52949	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.38E-09	1,000,000	7.38E-03
227	1.89126	0.00012006	2.27E-04	2.50E-04	5.68E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03
228	1.76092	0.00012006	2.11E-04	2.50E-04	5.29E-08	14	1.15E-02	8.50E-09	1,000,000	8.50E-03
229	1.64208	0.00012006	1.97E-04	2.50E-04	4.93E-08	14	1.15E-02	7.92E-09	1,000,000	7.92E-03
230	1.53118	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.39E-09	1,000,000	7.39E-03
231	1.73891	0.00012006	2.09E-04	2.50E-04	5.22E-08	14	1.15E-02	8.39E-09	1,000,000	8.39E-03
232	1.62724	0.00012006	1.95E-04	2.50E-04	4.89E-08	14	1.15E-02	7.85E-09	1,000,000	7.85E-03
233	1.52385	0.00012006	1.83E-04	2.50E-04	4.58E-08	14	1.15E-02	7.35E-09	1,000,000	7.35E-03
234	1.42723	0.00012006	1.71E-04	2.50E-04	4.29E-08	14	1.15E-02	6.89E-09	1,000,000	6.89E-03
235	1.60542	0.00012006	1.93E-04	2.50E-04	4.82E-08	14	1.15E-02	7.75E-09	1,000,000	7.75E-03
236	1.50836	0.00012006	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
237	1.41726	0.00012006	1.70E-04	2.50E-04	4.26E-08	14	1.15E-02	6.84E-09	1,000,000	6.84E-03
238	1.33315	0.00012006	1.60E-04	2.50E-04	4.01E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
239	1.4874	0.00012006	1.79E-04	2.50E-04	4.47E-08	14	1.15E-02	7.18E-09	1,000,000	7.18E-03
240	1.40209	0.00012006	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.77E-09	1,000,000	6.77E-03
241	1.32178	0.00012006	1.59E-04	2.50E-04	3.97E-08	14	1.15E-02	6.38E-09	1,000,000	6.38E-03
242	1.24785	0.00012006	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
243	2.15522	0.00012006	2.59E-04	2.50E-04	6.48E-08	14	1.15E-02	1.04E-08	1,000,000	1.04E-02
244	2.07335	0.00012006	2.49E-04	2.50E-04	6.23E-08	14	1.15E-02	1.00E-08	1,000,000	1.00E-02
245	1.97921	0.00012006	2.38E-04	2.50E-04	5.95E-08	14	1.15E-02	9.55E-09	1,000,000	9.55E-03
246	1.87837	0.00012006	2.26E-04	2.50E-04	5.64E-08	14	1.15E-02	9.06E-09	1,000,000	9.06E-03
247	1.7751	0.00012006	2.13E-04	2.50E-04	5.33E-08	14	1.15E-02	8.57E-09	1,000,000	8.57E-03
248	1.6755	0.00012006	2.01E-04	2.50E-04	5.03E-08	14	1.15E-02	8.09E-09	1,000,000	8.09E-03
249	1.58042	0.00012006	1.90E-04	2.50E-04	4.75E-08	14	1.15E-02	7.63E-09	1,000,000	7.63E-03
250	1.96457	0.00012006	2.36E-04	2.50E-04	5.90E-08	14	1.15E-02	9.48E-09	1,000,000	9.48E-03
251	1.89248	0.00012006	2.27E-04	2.50E-04	5.69E-08	14	1.15E-02	9.13E-09	1,000,000	9.13E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.81052	0.00012006	2.17E-04	2.50E-04	5.44E-08	14	1.15E-02	8.74E-09	1,000,000	8.74E-03
253	1.72307	0.00012006	2.07E-04	2.50E-04	5.18E-08	14	1.15E-02	8.31E-09	1,000,000	8.31E-03
254	1.63344	0.00012006	1.96E-04	2.50E-04	4.91E-08	14	1.15E-02	7.88E-09	1,000,000	7.88E-03
255	1.5467	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.46E-09	1,000,000	7.46E-03
256	1.46272	0.00012006	1.76E-04	2.50E-04	4.40E-08	14	1.15E-02	7.06E-09	1,000,000	7.06E-03
257	1.79946	0.00012006	2.16E-04	2.50E-04	5.41E-08	14	1.15E-02	8.68E-09	1,000,000	8.68E-03
258	1.73564	0.00012006	2.08E-04	2.50E-04	5.22E-08	14	1.15E-02	8.38E-09	1,000,000	8.38E-03
259	1.66381	0.00012006	2.00E-04	2.50E-04	5.00E-08	14	1.15E-02	8.03E-09	1,000,000	8.03E-03
260	1.58746	0.00012006	1.91E-04	2.50E-04	4.77E-08	14	1.15E-02	7.66E-09	1,000,000	7.66E-03
261	1.50917	0.00012006	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
262	1.43302	0.00012006	1.72E-04	2.50E-04	4.31E-08	14	1.15E-02	6.92E-09	1,000,000	6.92E-03
263	1.35936	0.00012006	1.63E-04	2.50E-04	4.08E-08	14	1.15E-02	6.56E-09	1,000,000	6.56E-03
264	1.6558	0.00012006	1.99E-04	2.50E-04	4.98E-08	14	1.15E-02	7.99E-09	1,000,000	7.99E-03
265	1.59884	0.00012006	1.92E-04	2.50E-04	4.80E-08	14	1.15E-02	7.72E-09	1,000,000	7.72E-03
266	1.53533	0.00012006	1.84E-04	2.50E-04	4.61E-08	14	1.15E-02	7.41E-09	1,000,000	7.41E-03
267	1.46825	0.00012006	1.76E-04	2.50E-04	4.41E-08	14	1.15E-02	7.09E-09	1,000,000	7.09E-03
268	1.40011	0.00012006	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
269	1.3327	0.00012006	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
270	1.26741	0.00012006	1.52E-04	2.50E-04	3.81E-08	14	1.15E-02	6.12E-09	1,000,000	6.12E-03
271	1.52937	0.00012006	1.84E-04	2.50E-04	4.60E-08	14	1.15E-02	7.38E-09	1,000,000	7.38E-03
272	1.47846	0.00012006	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
273	1.42213	0.00012006	1.71E-04	2.50E-04	4.27E-08	14	1.15E-02	6.86E-09	1,000,000	6.86E-03
274	1.36278	0.00012006	1.64E-04	2.50E-04	4.09E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
275	1.30249	0.00012006	1.56E-04	2.50E-04	3.91E-08	14	1.15E-02	6.29E-09	1,000,000	6.29E-03
276	1.243	0.00012006	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	6.00E-09	1,000,000	6.00E-03
277	1.1847	0.00012006	1.42E-04	2.50E-04	3.56E-08	14	1.15E-02	5.72E-09	1,000,000	5.72E-03
278	1.47907	0.00012006	1.78E-04	2.50E-04	4.44E-08	14	1.15E-02	7.14E-09	1,000,000	7.14E-03
279	1.54793	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03
280	1.72779	0.00012006	2.07E-04	2.50E-04	5.19E-08	14	1.15E-02	8.34E-09	1,000,000	8.34E-03
281	1.7029	0.00012006	2.04E-04	2.50E-04	5.12E-08	14	1.15E-02	8.22E-09	1,000,000	8.22E-03
282	1.88133	0.00012006	2.26E-04	2.50E-04	5.65E-08	14	1.15E-02	9.08E-09	1,000,000	9.08E-03
283	1.5477	0.00012006	1.86E-04	2.50E-04	4.65E-08	14	1.15E-02	7.47E-09	1,000,000	7.47E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	4.73824	0.00012006	5.69E-04	2.50E-04	1.42E-07	30	1.15E-02	4.90E-08	1,000,000	4.90E-02
27	5.00637	0.00012006	6.01E-04	2.50E-04	1.50E-07	30	1.15E-02	5.18E-08	1,000,000	5.18E-02
28	5.27737	0.00012006	6.34E-04	2.50E-04	1.59E-07	30	1.15E-02	5.46E-08	1,000,000	5.46E-02
29	5.53917	0.00012006	6.65E-04	2.50E-04	1.66E-07	30	1.15E-02	5.73E-08	1,000,000	5.73E-02
30	5.7811	0.00012006	6.94E-04	2.50E-04	1.74E-07	30	1.15E-02	5.98E-08	1,000,000	5.98E-02
31	5.99591	0.00012006	7.20E-04	2.50E-04	1.80E-07	30	1.15E-02	6.20E-08	1,000,000	6.20E-02
32	6.17906	0.00012006	7.42E-04	2.50E-04	1.86E-07	30	1.15E-02	6.39E-08	1,000,000	6.39E-02
33	6.32678	0.00012006	7.60E-04	2.50E-04	1.90E-07	30	1.15E-02	6.54E-08	1,000,000	6.54E-02
34	6.43471	0.00012006	7.73E-04	2.50E-04	1.93E-07	30	1.15E-02	6.65E-08	1,000,000	6.65E-02
35	6.49733	0.00012006	7.80E-04	2.50E-04	1.95E-07	30	1.15E-02	6.72E-08	1,000,000	6.72E-02
36	6.50666	0.00012006	7.81E-04	2.50E-04	1.96E-07	30	1.15E-02	6.73E-08	1,000,000	6.73E-02
37	5.18338	0.00012006	6.22E-04	2.50E-04	1.56E-07	30	1.15E-02	5.36E-08	1,000,000	5.36E-02
38	5.49406	0.00012006	6.60E-04	2.50E-04	1.65E-07	30	1.15E-02	5.68E-08	1,000,000	5.68E-02
39	5.80857	0.00012006	6.97E-04	2.50E-04	1.75E-07	30	1.15E-02	6.01E-08	1,000,000	6.01E-02
40	6.11174	0.00012006	7.34E-04	2.50E-04	1.84E-07	30	1.15E-02	6.32E-08	1,000,000	6.32E-02
41	6.39006	0.00012006	7.67E-04	2.50E-04	1.92E-07	30	1.15E-02	6.61E-08	1,000,000	6.61E-02
42	6.6342	0.00012006	7.96E-04	2.50E-04	1.99E-07	30	1.15E-02	6.86E-08	1,000,000	6.86E-02
43	6.83816	0.00012006	8.21E-04	2.50E-04	2.05E-07	30	1.15E-02	7.07E-08	1,000,000	7.07E-02
44	6.99673	0.00012006	8.40E-04	2.50E-04	2.10E-07	30	1.15E-02	7.23E-08	1,000,000	7.23E-02
45	7.10401	0.00012006	8.53E-04	2.50E-04	2.13E-07	30	1.15E-02	7.35E-08	1,000,000	7.35E-02
46	7.15303	0.00012006	8.59E-04	2.50E-04	2.15E-07	30	1.15E-02	7.40E-08	1,000,000	7.40E-02
47	7.13486	0.00012006	8.57E-04	2.50E-04	2.14E-07	30	1.15E-02	7.38E-08	1,000,000	7.38E-02
48	5.699	0.00012006	6.84E-04	2.50E-04	1.71E-07	30	1.15E-02	5.89E-08	1,000,000	5.89E-02
49	6.06208	0.00012006	7.28E-04	2.50E-04	1.82E-07	30	1.15E-02	6.27E-08	1,000,000	6.27E-02
50	6.43031	0.00012006	7.72E-04	2.50E-04	1.93E-07	30	1.15E-02	6.65E-08	1,000,000	6.65E-02
51	6.78439	0.00012006	8.15E-04	2.50E-04	2.04E-07	30	1.15E-02	7.02E-08	1,000,000	7.02E-02
52	7.10685	0.00012006	8.53E-04	2.50E-04	2.14E-07	30	1.15E-02	7.35E-08	1,000,000	7.35E-02
53	7.38558	0.00012006	8.87E-04	2.50E-04	2.22E-07	30	1.15E-02	7.64E-08	1,000,000	7.64E-02
54	7.61244	0.00012006	9.14E-04	2.50E-04	2.29E-07	30	1.15E-02	7.87E-08	1,000,000	7.87E-02
55	7.78023	0.00012006	9.34E-04	2.50E-04	2.34E-07	30	1.15E-02	8.05E-08	1,000,000	8.05E-02
56	7.88098	0.00012006	9.46E-04	2.50E-04	2.37E-07	30	1.15E-02	8.15E-08	1,000,000	8.15E-02
57	7.90614	0.00012006	9.49E-04	2.50E-04	2.38E-07	30	1.15E-02	8.18E-08	1,000,000	8.18E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	7.84632	0.00012006	9.42E-04	2.50E-04	2.36E-07	30	1.15E-02	8.11E-08	1,000,000	8.11E-02
59	6.3013	0.00012006	7.57E-04	2.50E-04	1.89E-07	30	1.15E-02	6.52E-08	1,000,000	6.52E-02
60	6.7297	0.00012006	8.08E-04	2.50E-04	2.02E-07	30	1.15E-02	6.96E-08	1,000,000	6.96E-02
61	7.1651	0.00012006	8.60E-04	2.50E-04	2.15E-07	30	1.15E-02	7.41E-08	1,000,000	7.41E-02
62	7.58254	0.00012006	9.10E-04	2.50E-04	2.28E-07	30	1.15E-02	7.84E-08	1,000,000	7.84E-02
63	7.95908	0.00012006	9.56E-04	2.50E-04	2.39E-07	30	1.15E-02	8.23E-08	1,000,000	8.23E-02
64	8.27861	0.00012006	9.94E-04	2.50E-04	2.49E-07	30	1.15E-02	8.56E-08	1,000,000	8.56E-02
65	8.52998	0.00012006	1.02E-03	2.50E-04	2.56E-07	30	1.15E-02	8.82E-08	1,000,000	8.82E-02
66	8.70313	0.00012006	1.04E-03	2.50E-04	2.62E-07	30	1.15E-02	9.00E-08	1,000,000	9.00E-02
67	8.78743	0.00012006	1.05E-03	2.50E-04	2.64E-07	30	1.15E-02	9.09E-08	1,000,000	9.09E-02
68	8.77289	0.00012006	1.05E-03	2.50E-04	2.64E-07	30	1.15E-02	9.07E-08	1,000,000	9.07E-02
69	8.65098	0.00012006	1.04E-03	2.50E-04	2.60E-07	30	1.15E-02	8.95E-08	1,000,000	8.95E-02
70	7.01142	0.00012006	8.42E-04	2.50E-04	2.11E-07	30	1.15E-02	7.25E-08	1,000,000	7.25E-02
71	7.52239	0.00012006	9.03E-04	2.50E-04	2.26E-07	30	1.15E-02	7.78E-08	1,000,000	7.78E-02
72	8.04302	0.00012006	9.66E-04	2.50E-04	2.42E-07	30	1.15E-02	8.32E-08	1,000,000	8.32E-02
73	8.54041	0.00012006	1.03E-03	2.50E-04	2.57E-07	30	1.15E-02	8.83E-08	1,000,000	8.83E-02
74	8.98382	0.00012006	1.08E-03	2.50E-04	2.70E-07	30	1.15E-02	9.29E-08	1,000,000	9.29E-02
75	9.35138	0.00012006	1.12E-03	2.50E-04	2.81E-07	30	1.15E-02	9.67E-08	1,000,000	9.67E-02
76	9.62755	0.00012006	1.16E-03	2.50E-04	2.89E-07	30	1.15E-02	9.96E-08	1,000,000	9.96E-02
77	9.7982	0.00012006	1.18E-03	2.50E-04	2.94E-07	30	1.15E-02	1.01E-07	1,000,000	1.01E-01
78	9.84952	0.00012006	1.18E-03	2.50E-04	2.96E-07	30	1.15E-02	1.02E-07	1,000,000	1.02E-01
79	9.77107	0.00012006	1.17E-03	2.50E-04	2.94E-07	30	1.15E-02	1.01E-07	1,000,000	1.01E-01
80	9.55783	0.00012006	1.15E-03	2.50E-04	2.87E-07	30	1.15E-02	9.88E-08	1,000,000	9.88E-02
81	7.85749	0.00012006	9.43E-04	2.50E-04	2.36E-07	30	1.15E-02	8.13E-08	1,000,000	8.13E-02
82	8.47449	0.00012006	1.02E-03	2.50E-04	2.55E-07	30	1.15E-02	8.76E-08	1,000,000	8.76E-02
83	9.105	0.00012006	1.09E-03	2.50E-04	2.74E-07	30	1.15E-02	9.41E-08	1,000,000	9.41E-02
84	9.70482	0.00012006	1.17E-03	2.50E-04	2.92E-07	30	1.15E-02	1.00E-07	1,000,000	1.00E-01
85	10.23178	0.00012006	1.23E-03	2.50E-04	3.07E-07	30	1.15E-02	1.06E-07	1,000,000	1.06E-01
86	10.65545	0.00012006	1.28E-03	2.50E-04	3.20E-07	30	1.15E-02	1.10E-07	1,000,000	1.10E-01
87	10.95378	0.00012006	1.32E-03	2.50E-04	3.29E-07	30	1.15E-02	1.13E-07	1,000,000	1.13E-01
88	11.10698	0.00012006	1.33E-03	2.50E-04	3.34E-07	30	1.15E-02	1.15E-07	1,000,000	1.15E-01
89	11.09807	0.00012006	1.33E-03	2.50E-04	3.33E-07	30	1.15E-02	1.15E-07	1,000,000	1.15E-01
90	10.91888	0.00012006	1.31E-03	2.50E-04	3.28E-07	30	1.15E-02	1.13E-07	1,000,000	1.13E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Cancer Risk From Idle 1 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	10.57325	0.00012006	1.27E-03	2.50E-04	3.18E-07	30	1.15E-02	1.09E-07	1,000,000	1.09E-01
92	8.87755	0.00012006	1.07E-03	2.50E-04	2.67E-07	30	1.15E-02	9.18E-08	1,000,000	9.18E-02
93	9.63315	0.00012006	1.16E-03	2.50E-04	2.89E-07	30	1.15E-02	9.96E-08	1,000,000	9.96E-02
94	10.40807	0.00012006	1.25E-03	2.50E-04	3.13E-07	30	1.15E-02	1.08E-07	1,000,000	1.08E-01
95	11.14143	0.00012006	1.34E-03	2.50E-04	3.35E-07	30	1.15E-02	1.15E-07	1,000,000	1.15E-01
96	11.77382	0.00012006	1.41E-03	2.50E-04	3.54E-07	30	1.15E-02	1.22E-07	1,000,000	1.22E-01
97	12.26183	0.00012006	1.47E-03	2.50E-04	3.68E-07	30	1.15E-02	1.27E-07	1,000,000	1.27E-01
98	12.57354	0.00012006	1.51E-03	2.50E-04	3.78E-07	30	1.15E-02	1.30E-07	1,000,000	1.30E-01
99	12.6817	0.00012006	1.52E-03	2.50E-04	3.81E-07	30	1.15E-02	1.31E-07	1,000,000	1.31E-01
100	12.56792	0.00012006	1.51E-03	2.50E-04	3.78E-07	30	1.15E-02	1.30E-07	1,000,000	1.30E-01
101	12.23282	0.00012006	1.47E-03	2.50E-04	3.68E-07	30	1.15E-02	1.26E-07	1,000,000	1.26E-01
102	11.69847	0.00012006	1.40E-03	2.50E-04	3.52E-07	30	1.15E-02	1.21E-07	1,000,000	1.21E-01
103	12.54262	0.00012006	1.51E-03	2.50E-04	3.77E-07	30	1.15E-02	1.30E-07	1,000,000	1.30E-01
104	13.29962	0.00012006	1.60E-03	2.50E-04	4.00E-07	30	1.15E-02	1.38E-07	1,000,000	1.38E-01
105	14.05829	0.00012006	1.69E-03	2.50E-04	4.22E-07	30	1.15E-02	1.45E-07	1,000,000	1.45E-01
106	14.33978	0.00012006	1.72E-03	2.50E-04	4.31E-07	30	1.15E-02	1.48E-07	1,000,000	1.48E-01
107	14.5868	0.00012006	1.75E-03	2.50E-04	4.38E-07	30	1.15E-02	1.51E-07	1,000,000	1.51E-01
108	14.29572	0.00012006	1.72E-03	2.50E-04	4.30E-07	30	1.15E-02	1.48E-07	1,000,000	1.48E-01
109	13.72369	0.00012006	1.65E-03	2.50E-04	4.12E-07	30	1.15E-02	1.42E-07	1,000,000	1.42E-01
110	12.92612	0.00012006	1.55E-03	2.50E-04	3.88E-07	30	1.15E-02	1.34E-07	1,000,000	1.34E-01
111	11.68696	0.00012006	1.40E-03	2.50E-04	3.51E-07	30	1.15E-02	1.21E-07	1,000,000	1.21E-01
112	10.67582	0.00012006	1.28E-03	2.50E-04	3.21E-07	30	1.15E-02	1.10E-07	1,000,000	1.10E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

Receptor #	Max. Risk				*Chronic Non Cancer Risk*				
	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	4.6E-02	School	0.4995	107	5	4.07E-05	0.00105	107	School
2	4.9E-02	Res	0.2014	204	5	4.33E-05	0.0002	204	Res
3	5.2E-02	Teachers	0.151	107	5	4.63E-05	0.00105	107	Teachers
4	5.6E-02				5	4.96E-05			
5	6.0E-02				5	5.33E-05			
6	4.6E-02				5	4.03E-05			
7	4.9E-02				5	4.29E-05			
8	5.2E-02				5	4.59E-05			
9	5.6E-02				5	4.92E-05			
10	6.0E-02				5	5.30E-05			
11	4.5E-02				5	4.00E-05			
12	4.8E-02				5	4.26E-05			
13	5.1E-02				5	4.55E-05			
14	5.5E-02				5	4.89E-05			
15	5.9E-02				5	5.27E-05			
16	4.5E-02				5	3.97E-05			
17	4.8E-02				5	4.23E-05			
18	5.1E-02				5	4.52E-05			
19	5.5E-02				5	4.85E-05			
20	5.9E-02				5	5.23E-05			
21	4.4E-02				5	3.94E-05			
22	4.7E-02				5	4.20E-05			
23	5.1E-02				5	4.50E-05			
24	5.5E-02				5	4.83E-05			
25	5.9E-02				5	5.20E-05			
113	1.6E-01				5	1.45E-04			
114	1.5E-01				5	1.34E-04			
115	1.4E-01				5	1.23E-04			
116	1.3E-01				5	1.14E-04			
117	1.7E-01				5	1.49E-04			
118	1.5E-01				5	1.37E-04			
119	1.4E-01				5	1.26E-04			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	1.3E-01				5	1.16E-04		
121	1.7E-01				5	1.53E-04		
122	1.6E-01				5	1.40E-04		
123	1.4E-01				5	1.28E-04		
124	1.3E-01				5	1.18E-04		
125	1.8E-01				5	1.56E-04		
126	1.6E-01				5	1.42E-04		
127	1.5E-01				5	1.30E-04		
128	1.4E-01				5	1.20E-04		
129	1.8E-01				5	1.59E-04		
130	1.6E-01				5	1.45E-04		
131	1.5E-01				5	1.32E-04		
132	1.4E-01				5	1.21E-04		
133	1.8E-01				5	1.62E-04		
134	1.7E-01				5	1.47E-04		
135	1.5E-01				5	1.34E-04		
136	1.4E-01				5	1.22E-04		
137	1.9E-01				5	1.64E-04		
138	1.5E-01				5	1.35E-04		
139	1.4E-01				5	1.23E-04		
140	1.9E-01				5	1.69E-04		
141	1.7E-01				5	1.52E-04		
142	1.6E-01				5	1.38E-04		
143	1.4E-01				5	1.25E-04		
144	1.9E-01				5	1.69E-04		
145	1.7E-01				5	1.52E-04		
146	1.6E-01				5	1.38E-04		
147	1.4E-01				5	1.26E-04		
148	1.9E-01				5	1.70E-04		
149	1.7E-01				5	1.52E-04		
150	1.6E-01				5	1.38E-04		
151	1.4E-01				5	1.26E-04		
152	1.9E-01				5	1.69E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.7E-01				5	1.52E-04		
154	1.6E-01				5	1.38E-04		
155	1.4E-01				5	1.25E-04		
156	1.9E-01				5	1.68E-04		
157	1.7E-01				5	1.51E-04		
158	1.5E-01				5	1.37E-04		
159	1.4E-01				5	1.25E-04		
160	1.9E-01				5	1.66E-04		
161	1.7E-01				5	1.50E-04		
162	1.5E-01				5	1.35E-04		
163	1.4E-01				5	1.23E-04		
164	1.8E-01				5	1.63E-04		
165	1.7E-01				5	1.47E-04		
166	1.5E-01				5	1.33E-04		
167	1.4E-01				5	1.22E-04		
168	1.8E-01				5	1.60E-04		
169	1.6E-01				5	1.44E-04		
170	1.5E-01				5	1.31E-04		
171	1.3E-01				5	1.19E-04		
172	1.7E-01				5	1.55E-04		
173	1.6E-01				5	1.40E-04		
174	1.4E-01				5	1.28E-04		
175	1.3E-01				5	1.17E-04		
176	1.7E-01				5	1.49E-04		
177	1.5E-01				5	1.36E-04		
178	1.4E-01				5	1.24E-04		
179	1.3E-01				5	1.14E-04		
180	1.6E-01				5	1.41E-04		
181	1.5E-01				5	1.30E-04		
182	1.3E-01				5	1.19E-04		
183	1.2E-01				5	1.10E-04		
184	2.0E-01				5	1.76E-04		
185	1.9E-01				5	1.64E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	1.7E-01				5	1.50E-04		
187	1.6E-01				5	1.38E-04		
188	1.4E-01				5	1.27E-04		
189	1.8E-01				5	1.62E-04		
190	1.7E-01				5	1.49E-04		
191	1.6E-01				5	1.39E-04		
192	1.5E-01				5	1.29E-04		
193	1.3E-01				5	1.19E-04		
194	1.7E-01				5	1.46E-04		
195	1.5E-01				5	1.36E-04		
196	1.4E-01				5	1.27E-04		
197	1.3E-01				5	1.18E-04		
198	1.3E-01				5	1.11E-04		
199	1.5E-01				5	1.34E-04		
200	1.4E-01				5	1.24E-04		
201	1.3E-01				5	1.16E-04		
202	1.2E-01				5	1.09E-04		
203	1.2E-01				5	1.02E-04		
204	2.0E-01				5	1.78E-04		
205	1.4E-01				5	1.23E-04		
206	1.3E-01				5	1.14E-04		
207	1.2E-01				5	1.07E-04		
208	1.1E-01				5	1.00E-04		
209	1.8E-01				5	1.64E-04		
210	1.7E-01				5	1.49E-04		
211	1.5E-01				5	1.36E-04		
212	1.4E-01				5	1.25E-04		
213	1.3E-01				5	1.15E-04		
214	1.2E-01				5	1.06E-04		
215	1.1E-01				5	9.92E-05		
216	1.8E-01				5	1.63E-04		
217	1.7E-01				5	1.50E-04		
218	1.6E-01				5	1.38E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	1.4E-01				5	1.28E-04		
220	1.3E-01				5	1.18E-04		
221	1.2E-01				5	1.09E-04		
222	1.7E-01				5	1.49E-04		
223	1.6E-01				5	1.38E-04		
224	1.4E-01				5	1.28E-04		
225	1.3E-01				5	1.19E-04		
226	1.2E-01				5	1.10E-04		
227	1.5E-01				5	1.36E-04		
228	1.4E-01				5	1.27E-04		
229	1.3E-01				5	1.18E-04		
230	1.2E-01				5	1.10E-04		
231	1.4E-01				5	1.25E-04		
232	1.3E-01				5	1.17E-04		
233	1.2E-01				5	1.10E-04		
234	1.2E-01				5	1.03E-04		
235	1.3E-01				5	1.16E-04		
236	1.2E-01				5	1.09E-04		
237	1.2E-01				5	1.02E-04		
238	1.1E-01				5	9.60E-05		
239	1.2E-01				5	1.07E-04		
240	1.1E-01				5	1.01E-04		
241	1.1E-01				5	9.52E-05		
242	1.0E-01				5	8.99E-05		
243	1.8E-01				5	1.55E-04		
244	1.7E-01				5	1.49E-04		
245	1.6E-01				5	1.43E-04		
246	1.5E-01				5	1.35E-04		
247	1.4E-01				5	1.28E-04		
248	1.4E-01				5	1.21E-04		
249	1.3E-01				5	1.14E-04		
250	1.6E-01				5	1.42E-04		
251	1.5E-01				5	1.36E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	1.5E-01				5	1.30E-04		
253	1.4E-01				5	1.24E-04		
254	1.3E-01				5	1.18E-04		
255	1.3E-01				5	1.11E-04		
256	1.2E-01				5	1.05E-04		
257	1.5E-01				5	1.30E-04		
258	1.4E-01				5	1.25E-04		
259	1.4E-01				5	1.20E-04		
260	1.3E-01				5	1.14E-04		
261	1.2E-01				5	1.09E-04		
262	1.2E-01				5	1.03E-04		
263	1.1E-01				5	9.79E-05		
264	1.3E-01				5	1.19E-04		
265	1.3E-01				5	1.15E-04		
266	1.2E-01				5	1.11E-04		
267	1.2E-01				5	1.06E-04		
268	1.1E-01				5	1.01E-04		
269	1.1E-01				5	9.60E-05		
270	1.0E-01				5	9.13E-05		
271	1.2E-01				5	1.10E-04		
272	1.2E-01				5	1.06E-04		
273	1.2E-01				5	1.02E-04		
274	1.1E-01				5	9.82E-05		
275	1.1E-01				5	9.38E-05		
276	1.0E-01				5	8.95E-05		
277	9.6E-02				5	8.53E-05		
278	1.2E-01				5	1.07E-04		
279	1.3E-01				5	1.12E-04		
280	1.4E-01				5	1.24E-04		
281	1.4E-01				5	1.23E-04		
282	1.5E-01				5	1.36E-04		
283	1.3E-01				5	1.11E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	1.6E-01	4.9E-02			5	3.41E-04		
27	1.7E-01	5.2E-02			5	3.61E-04		
28	1.8E-01	5.5E-02			5	3.80E-04		
29	1.9E-01	5.7E-02			5	3.99E-04		
30	2.0E-01	6.0E-02			5	4.16E-04		
31	2.1E-01	6.2E-02			5	4.32E-04		
32	2.1E-01	6.4E-02			5	4.45E-04		
33	2.2E-01	6.5E-02			5	4.56E-04		
34	2.2E-01	6.7E-02			5	4.64E-04		
35	2.2E-01	6.7E-02			5	4.68E-04		
36	2.2E-01	6.7E-02			5	4.69E-04		
37	1.8E-01	5.4E-02			5	3.73E-04		
38	1.9E-01	5.7E-02			5	3.96E-04		
39	2.0E-01	6.0E-02			5	4.18E-04		
40	2.1E-01	6.3E-02			5	4.40E-04		
41	2.2E-01	6.6E-02			5	4.60E-04		
42	2.3E-01	6.9E-02			5	4.78E-04		
43	2.3E-01	7.1E-02			5	4.93E-04		
44	2.4E-01	7.2E-02			5	5.04E-04		
45	2.4E-01	7.3E-02			5	5.12E-04		
46	2.4E-01	7.4E-02			5	5.15E-04		
47	2.4E-01	7.4E-02			5	5.14E-04		
48	2.0E-01	5.9E-02			5	4.11E-04		
49	2.1E-01	6.3E-02			5	4.37E-04		
50	2.2E-01	6.6E-02			5	4.63E-04		
51	2.3E-01	7.0E-02			5	4.89E-04		
52	2.4E-01	7.3E-02			5	5.12E-04		
53	2.5E-01	7.6E-02			5	5.32E-04		
54	2.6E-01	7.9E-02			5	5.48E-04		
55	2.7E-01	8.0E-02			5	5.60E-04		
56	2.7E-01	8.1E-02			5	5.68E-04		
57	2.7E-01	8.2E-02			5	5.70E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.7E-01	8.1E-02			5	5.65E-04		
59	2.2E-01	6.5E-02			5	4.54E-04		
60	2.3E-01	7.0E-02			5	4.85E-04		
61	2.5E-01	7.4E-02			5	5.16E-04		
62	2.6E-01	7.8E-02			5	5.46E-04		
63	2.7E-01	8.2E-02			5	5.73E-04		
64	2.8E-01	8.6E-02			5	5.96E-04		
65	2.9E-01	8.8E-02			5	6.14E-04		
66	3.0E-01	9.0E-02			5	6.27E-04		
67	3.0E-01	9.1E-02			5	6.33E-04		
68	3.0E-01	9.1E-02			5	6.32E-04		
69	3.0E-01	8.9E-02			5	6.23E-04		
70	2.4E-01	7.3E-02			5	5.05E-04		
71	2.6E-01	7.8E-02			5	5.42E-04		
72	2.8E-01	8.3E-02			5	5.79E-04		
73	2.9E-01	8.8E-02			5	6.15E-04		
74	3.1E-01	9.3E-02			5	6.47E-04		
75	3.2E-01	9.7E-02			5	6.74E-04		
76	3.3E-01	1.0E-01			5	6.94E-04		
77	3.4E-01	1.0E-01			5	7.06E-04		
78	3.4E-01	1.0E-01			5	7.09E-04		
79	3.3E-01	1.0E-01			5	7.04E-04		
80	3.3E-01	9.9E-02			5	6.88E-04		
81	2.7E-01	8.1E-02			5	5.66E-04		
82	2.9E-01	8.8E-02			5	6.10E-04		
83	3.1E-01	9.4E-02			5	6.56E-04		
84	3.3E-01	1.0E-01			5	6.99E-04		
85	3.5E-01	1.1E-01			5	7.37E-04		
86	3.6E-01	1.1E-01			5	7.68E-04		
87	3.8E-01	1.1E-01			5	7.89E-04		
88	3.8E-01	1.1E-01			5	8.00E-04		
89	3.8E-01	1.1E-01			5	7.99E-04		
90	3.7E-01	1.1E-01			5	7.87E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle1

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	3.6E-01	1.1E-01			5	7.62E-04		
92	3.0E-01	9.2E-02			5	6.39E-04		
93	3.3E-01	1.0E-01			5	6.94E-04		
94	3.6E-01	1.1E-01			5	7.50E-04		
95	3.8E-01	1.2E-01			5	8.03E-04		
96	4.0E-01	1.2E-01			5	8.48E-04		
97	4.2E-01	1.3E-01			5	8.83E-04		
98	4.3E-01	1.3E-01			5	9.06E-04		
99	4.3E-01	1.3E-01			5	9.14E-04		
100	4.3E-01	1.3E-01			5	9.05E-04		
101	4.2E-01	1.3E-01			5	8.81E-04		
102	4.0E-01	1.2E-01			5	8.43E-04		
103	4.3E-01	1.3E-01			5	9.03E-04		
104	4.6E-01	1.4E-01			5	9.58E-04		
105	4.8E-01	1.5E-01			5	1.01E-03		
106	4.9E-01	1.5E-01			5	1.03E-03		
107	5.0E-01	1.5E-01			5	1.05E-03		
108	4.9E-01	1.5E-01			5	1.03E-03		
109	4.7E-01	1.4E-01			5	9.89E-04		
110	4.4E-01	1.3E-01			5	9.31E-04		
111	4.0E-01	1.2E-01			5	8.42E-04		
112	3.7E-01	1.1E-01			5	7.69E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	**5.73E-05**	2.88E-05	1.05E-03	3.02E-08	1.45	1.57E-01	6.87E-09	1,000,000	6.87E-03
2	0.53356	5.7347E-05	3.0598E-05	1.05E-03	3.20E-08	1.45	1.57E-01	7.29E-09	1,000,000	7.29E-03
3	0.56804	5.7347E-05	3.2575E-05	1.05E-03	3.40E-08	1.45	1.57E-01	7.76E-09	1,000,000	7.76E-03
4	0.60569	5.7347E-05	3.4734E-05	1.05E-03	3.63E-08	1.45	1.57E-01	8.27E-09	1,000,000	8.27E-03
5	0.64829	5.7347E-05	3.7177E-05	1.05E-03	3.89E-08	1.45	1.57E-01	8.85E-09	1,000,000	8.85E-03
6	0.49954	5.7347E-05	2.8647E-05	1.05E-03	2.99E-08	1.45	1.57E-01	6.82E-09	1,000,000	6.82E-03
7	0.52983	5.7347E-05	3.0384E-05	1.05E-03	3.18E-08	1.45	1.57E-01	7.24E-09	1,000,000	7.24E-03
8	0.56369	5.7347E-05	3.2326E-05	1.05E-03	3.38E-08	1.45	1.57E-01	7.70E-09	1,000,000	7.70E-03
9	0.60235	5.7347E-05	3.4543E-05	1.05E-03	3.61E-08	1.45	1.57E-01	8.23E-09	1,000,000	8.23E-03
10	0.6449	5.7347E-05	3.6983E-05	1.05E-03	3.87E-08	1.45	1.57E-01	8.81E-09	1,000,000	8.81E-03
11	0.49581	5.7347E-05	2.8433E-05	1.05E-03	2.97E-08	1.45	1.57E-01	6.77E-09	1,000,000	6.77E-03
12	0.52617	5.7347E-05	3.0174E-05	1.05E-03	3.15E-08	1.45	1.57E-01	7.19E-09	1,000,000	7.19E-03
13	0.56026	5.7347E-05	3.2129E-05	1.05E-03	3.36E-08	1.45	1.57E-01	7.65E-09	1,000,000	7.65E-03
14	0.5993	5.7347E-05	3.4368E-05	1.05E-03	3.59E-08	1.45	1.57E-01	8.18E-09	1,000,000	8.18E-03
15	0.64215	5.7347E-05	3.6825E-05	1.05E-03	3.85E-08	1.45	1.57E-01	8.77E-09	1,000,000	8.77E-03
16	0.49249	5.7347E-05	2.8243E-05	1.05E-03	2.95E-08	1.45	1.57E-01	6.73E-09	1,000,000	6.73E-03
17	0.52321	5.7347E-05	3.0004E-05	1.05E-03	3.14E-08	1.45	1.57E-01	7.15E-09	1,000,000	7.15E-03
18	0.55734	5.7347E-05	3.1962E-05	1.05E-03	3.34E-08	1.45	1.57E-01	7.61E-09	1,000,000	7.61E-03
19	0.59523	5.7347E-05	3.4134E-05	1.05E-03	3.57E-08	1.45	1.57E-01	8.13E-09	1,000,000	8.13E-03
20	0.63861	5.7347E-05	3.6622E-05	1.05E-03	3.83E-08	1.45	1.57E-01	8.72E-09	1,000,000	8.72E-03
21	0.48982	5.7347E-05	2.8089E-05	1.05E-03	2.94E-08	1.45	1.57E-01	6.69E-09	1,000,000	6.69E-03
22	0.52058	5.7347E-05	2.9853E-05	1.05E-03	3.12E-08	1.45	1.57E-01	7.11E-09	1,000,000	7.11E-03
23	0.55498	5.7347E-05	3.1826E-05	1.05E-03	3.33E-08	1.45	1.57E-01	7.58E-09	1,000,000	7.58E-03
24	0.5933	5.7347E-05	3.4024E-05	1.05E-03	3.56E-08	1.45	1.57E-01	8.10E-09	1,000,000	8.10E-03
25	0.63585	5.7347E-05	3.6464E-05	1.05E-03	3.81E-08	1.45	1.57E-01	8.68E-09	1,000,000	8.68E-03
113	2.50817	5.7347E-05	0.00014383	1.05E-03	1.50E-07	1.45	1.57E-01	3.43E-08	1,000,000	3.43E-02
114	2.27604	5.7347E-05	0.00013052	1.05E-03	1.36E-07	1.45	1.57E-01	3.11E-08	1,000,000	3.11E-02
115	2.07277	5.7347E-05	0.00011887	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
116	1.89456	5.7347E-05	0.00010865	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
117	2.57966	5.7347E-05	0.00014793	1.05E-03	1.55E-07	1.45	1.57E-01	3.52E-08	1,000,000	3.52E-02
118	2.33075	5.7347E-05	0.00013366	1.05E-03	1.40E-07	1.45	1.57E-01	3.18E-08	1,000,000	3.18E-02
119	2.1151	5.7347E-05	0.00012129	1.05E-03	1.27E-07	1.45	1.57E-01	2.89E-08	1,000,000	2.89E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	0.00011054	1.05E-03	1.16E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02
121	2.64366	5.7347E-05	0.0001516	1.05E-03	1.58E-07	1.45	1.57E-01	3.61E-08	1,000,000	3.61E-02
122	2.37917	5.7347E-05	0.00013644	1.05E-03	1.43E-07	1.45	1.57E-01	3.25E-08	1,000,000	3.25E-02
123	2.15213	5.7347E-05	0.00012342	1.05E-03	1.29E-07	1.45	1.57E-01	2.94E-08	1,000,000	2.94E-02
124	1.95616	5.7347E-05	0.00011218	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
125	2.6993	5.7347E-05	0.0001548	1.05E-03	1.62E-07	1.45	1.57E-01	3.69E-08	1,000,000	3.69E-02
126	2.42085	5.7347E-05	0.00013883	1.05E-03	1.45E-07	1.45	1.57E-01	3.31E-08	1,000,000	3.31E-02
127	2.18384	5.7347E-05	0.00012524	1.05E-03	1.31E-07	1.45	1.57E-01	2.98E-08	1,000,000	2.98E-02
128	1.9807	5.7347E-05	0.00011359	1.05E-03	1.19E-07	1.45	1.57E-01	2.71E-08	1,000,000	2.71E-02
129	2.74637	5.7347E-05	0.00015749	1.05E-03	1.65E-07	1.45	1.57E-01	3.75E-08	1,000,000	3.75E-02
130	2.4561	5.7347E-05	0.00014085	1.05E-03	1.47E-07	1.45	1.57E-01	3.35E-08	1,000,000	3.35E-02
131	2.2108	5.7347E-05	0.00012678	1.05E-03	1.33E-07	1.45	1.57E-01	3.02E-08	1,000,000	3.02E-02
132	2.00178	5.7347E-05	0.0001148	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
133	2.78553	5.7347E-05	0.00015974	1.05E-03	1.67E-07	1.45	1.57E-01	3.80E-08	1,000,000	3.80E-02
134	2.4856	5.7347E-05	0.00014254	1.05E-03	1.49E-07	1.45	1.57E-01	3.39E-08	1,000,000	3.39E-02
135	2.23352	5.7347E-05	0.00012808	1.05E-03	1.34E-07	1.45	1.57E-01	3.05E-08	1,000,000	3.05E-02
136	2.01959	5.7347E-05	0.00011582	1.05E-03	1.21E-07	1.45	1.57E-01	2.76E-08	1,000,000	2.76E-02
137	2.81724	5.7347E-05	0.00016156	1.05E-03	1.69E-07	1.45	1.57E-01	3.85E-08	1,000,000	3.85E-02
138	2.25161	5.7347E-05	0.00012912	1.05E-03	1.35E-07	1.45	1.57E-01	3.08E-08	1,000,000	3.08E-02
139	2.03345	5.7347E-05	0.00011661	1.05E-03	1.22E-07	1.45	1.57E-01	2.78E-08	1,000,000	2.78E-02
140	2.85608	5.7347E-05	0.00016379	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
141	2.53527	5.7347E-05	0.00014539	1.05E-03	1.52E-07	1.45	1.57E-01	3.46E-08	1,000,000	3.46E-02
142	2.26851	5.7347E-05	0.00013009	1.05E-03	1.36E-07	1.45	1.57E-01	3.10E-08	1,000,000	3.10E-02
143	2.04406	5.7347E-05	0.00011722	1.05E-03	1.23E-07	1.45	1.57E-01	2.79E-08	1,000,000	2.79E-02
144	2.84638	5.7347E-05	0.00016323	1.05E-03	1.71E-07	1.45	1.57E-01	3.89E-08	1,000,000	3.89E-02
145	2.52626	5.7347E-05	0.00014487	1.05E-03	1.51E-07	1.45	1.57E-01	3.45E-08	1,000,000	3.45E-02
146	2.26026	5.7347E-05	0.00012962	1.05E-03	1.35E-07	1.45	1.57E-01	3.09E-08	1,000,000	3.09E-02
147	2.03655	5.7347E-05	0.00011679	1.05E-03	1.22E-07	1.45	1.57E-01	2.78E-08	1,000,000	2.78E-02
148	2.82227	5.7347E-05	0.00016185	1.05E-03	1.69E-07	1.45	1.57E-01	3.85E-08	1,000,000	3.85E-02
149	2.50601	5.7347E-05	0.00014371	1.05E-03	1.50E-07	1.45	1.57E-01	3.42E-08	1,000,000	3.42E-02
150	2.24307	5.7347E-05	0.00012863	1.05E-03	1.34E-07	1.45	1.57E-01	3.06E-08	1,000,000	3.06E-02
151	2.02184	5.7347E-05	0.00011595	1.05E-03	1.21E-07	1.45	1.57E-01	2.76E-08	1,000,000	2.76E-02
152	2.7804	5.7347E-05	0.00015945	1.05E-03	1.67E-07	1.45	1.57E-01	3.80E-08	1,000,000	3.80E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	0.00014175	1.05E-03	1.48E-07	1.45	1.57E-01	3.38E-08	1,000,000	3.38E-02
154	2.21477	5.7347E-05	0.00012701	1.05E-03	1.33E-07	1.45	1.57E-01	3.02E-08	1,000,000	3.02E-02
155	1.9981	5.7347E-05	0.00011458	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
156	2.71848	5.7347E-05	0.0001559	1.05E-03	1.63E-07	1.45	1.57E-01	3.71E-08	1,000,000	3.71E-02
157	2.42222	5.7347E-05	0.00013891	1.05E-03	1.45E-07	1.45	1.57E-01	3.31E-08	1,000,000	3.31E-02
158	2.17426	5.7347E-05	0.00012469	1.05E-03	1.30E-07	1.45	1.57E-01	2.97E-08	1,000,000	2.97E-02
159	1.96453	5.7347E-05	0.00011266	1.05E-03	1.18E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
160	2.63444	5.7347E-05	0.00015108	1.05E-03	1.58E-07	1.45	1.57E-01	3.60E-08	1,000,000	3.60E-02
161	2.35618	5.7347E-05	0.00013512	1.05E-03	1.41E-07	1.45	1.57E-01	3.22E-08	1,000,000	3.22E-02
162	2.12125	5.7347E-05	0.00012165	1.05E-03	1.27E-07	1.45	1.57E-01	2.90E-08	1,000,000	2.90E-02
163	1.92083	5.7347E-05	0.00011015	1.05E-03	1.15E-07	1.45	1.57E-01	2.62E-08	1,000,000	2.62E-02
164	2.5245	5.7347E-05	0.00014477	1.05E-03	1.51E-07	1.45	1.57E-01	3.45E-08	1,000,000	3.45E-02
165	2.27131	5.7347E-05	0.00013025	1.05E-03	1.36E-07	1.45	1.57E-01	3.10E-08	1,000,000	3.10E-02
166	2.05243	5.7347E-05	0.0001177	1.05E-03	1.23E-07	1.45	1.57E-01	2.80E-08	1,000,000	2.80E-02
167	1.86544	5.7347E-05	0.00010698	1.05E-03	1.12E-07	1.45	1.57E-01	2.55E-08	1,000,000	2.55E-02
168	2.38548	5.7347E-05	0.0001368	1.05E-03	1.43E-07	1.45	1.57E-01	3.26E-08	1,000,000	3.26E-02
169	2.16428	5.7347E-05	0.00012411	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
170	1.96856	5.7347E-05	0.00011289	1.05E-03	1.18E-07	1.45	1.57E-01	2.69E-08	1,000,000	2.69E-02
171	1.79927	5.7347E-05	0.00010318	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02
172	2.22043	5.7347E-05	0.00012733	1.05E-03	1.33E-07	1.45	1.57E-01	3.03E-08	1,000,000	3.03E-02
173	2.03475	5.7347E-05	0.00011669	1.05E-03	1.22E-07	1.45	1.57E-01	2.78E-08	1,000,000	2.78E-02
174	1.86689	5.7347E-05	0.00010706	1.05E-03	1.12E-07	1.45	1.57E-01	2.55E-08	1,000,000	2.55E-02
175	1.71839	5.7347E-05	9.8544E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.35E-08	1,000,000	2.35E-02
176	2.04116	5.7347E-05	0.00011705	1.05E-03	1.22E-07	1.45	1.57E-01	2.79E-08	1,000,000	2.79E-02
177	1.88875	5.7347E-05	0.00010831	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
178	1.74887	5.7347E-05	0.00010029	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
179	1.62298	5.7347E-05	9.3072E-05	1.05E-03	9.73E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
180	1.8643	5.7347E-05	0.00010691	1.05E-03	1.12E-07	1.45	1.57E-01	2.55E-08	1,000,000	2.55E-02
181	1.73727	5.7347E-05	9.9626E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
182	1.62177	5.7347E-05	9.3003E-05	1.05E-03	9.72E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02
183	1.51708	5.7347E-05	8.6999E-05	1.05E-03	9.09E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
184	2.61249	5.7347E-05	0.00014982	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
185	2.08684	5.7347E-05	0.00011967	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

Cancer Risk From Idle 2 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	0.00011065	1.05E-03	1.16E-07	1.45	1.57E-01	2.64E-08	1,000,000	2.64E-02
187	1.79464	5.7347E-05	0.00010292	1.05E-03	1.08E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
188	1.67542	5.7347E-05	9.608E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.29E-08	1,000,000	2.29E-02
189	2.08585	5.7347E-05	0.00011962	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
190	1.91226	5.7347E-05	0.00010966	1.05E-03	1.15E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02
191	1.76717	5.7347E-05	0.00010134	1.05E-03	1.06E-07	1.45	1.57E-01	2.41E-08	1,000,000	2.41E-02
192	1.64457	5.7347E-05	9.431E-05	1.05E-03	9.86E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
193	1.53773	5.7347E-05	8.8184E-05	1.05E-03	9.22E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
194	1.92943	5.7347E-05	0.00011065	1.05E-03	1.16E-07	1.45	1.57E-01	2.64E-08	1,000,000	2.64E-02
195	1.77008	5.7347E-05	0.00010151	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
196	1.63433	5.7347E-05	9.3723E-05	1.05E-03	9.80E-08	1.45	1.57E-01	2.23E-08	1,000,000	2.23E-02
197	1.51813	5.7347E-05	8.706E-05	1.05E-03	9.10E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
198	1.42018	5.7347E-05	8.1442E-05	1.05E-03	8.51E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
199	1.79488	5.7347E-05	0.00010293	1.05E-03	1.08E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
200	1.65052	5.7347E-05	9.4652E-05	1.05E-03	9.89E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
201	1.52428	5.7347E-05	8.7412E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
202	1.41527	5.7347E-05	8.1161E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
203	1.32214	5.7347E-05	7.582E-05	1.05E-03	7.92E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
204	2.34879	5.7347E-05	0.0001347	1.05E-03	1.41E-07	1.45	1.57E-01	3.21E-08	1,000,000	3.21E-02
205	1.67468	5.7347E-05	9.6037E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.29E-08	1,000,000	2.29E-02
206	1.54583	5.7347E-05	8.8648E-05	1.05E-03	9.27E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
207	1.42989	5.7347E-05	8.1999E-05	1.05E-03	8.57E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
208	1.32908	5.7347E-05	7.6218E-05	1.05E-03	7.97E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
209	2.14252	5.7347E-05	0.00012287	1.05E-03	1.28E-07	1.45	1.57E-01	2.93E-08	1,000,000	2.93E-02
210	1.9774	5.7347E-05	0.0001134	1.05E-03	1.19E-07	1.45	1.57E-01	2.70E-08	1,000,000	2.70E-02
211	1.82694	5.7347E-05	0.00010477	1.05E-03	1.10E-07	1.45	1.57E-01	2.50E-08	1,000,000	2.50E-02
212	1.69017	5.7347E-05	9.6925E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
213	1.56514	5.7347E-05	8.9755E-05	1.05E-03	9.38E-08	1.45	1.57E-01	2.14E-08	1,000,000	2.14E-02
214	1.4505	5.7347E-05	8.3181E-05	1.05E-03	8.69E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
215	1.34683	5.7347E-05	7.7236E-05	1.05E-03	8.07E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
216	2.07577	5.7347E-05	0.00011904	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
217	1.93387	5.7347E-05	0.0001109	1.05E-03	1.16E-07	1.45	1.57E-01	2.64E-08	1,000,000	2.64E-02
218	1.80129	5.7347E-05	0.0001033	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.6398E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.30E-08	1,000,000	2.30E-02
220	1.56913	5.7347E-05	8.9984E-05	1.05E-03	9.41E-08	1.45	1.57E-01	2.14E-08	1,000,000	2.14E-02
221	1.46582	5.7347E-05	8.406E-05	1.05E-03	8.79E-08	1.45	1.57E-01	2.00E-08	1,000,000	2.00E-02
222	1.89783	5.7347E-05	0.00010883	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
223	1.77506	5.7347E-05	0.00010179	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
224	1.66148	5.7347E-05	9.528E-05	1.05E-03	9.96E-08	1.45	1.57E-01	2.27E-08	1,000,000	2.27E-02
225	1.55709	5.7347E-05	8.9294E-05	1.05E-03	9.33E-08	1.45	1.57E-01	2.13E-08	1,000,000	2.13E-02
226	1.45921	5.7347E-05	8.3681E-05	1.05E-03	8.75E-08	1.45	1.57E-01	1.99E-08	1,000,000	1.99E-02
227	1.74232	5.7347E-05	9.9916E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
228	1.63578	5.7347E-05	9.3806E-05	1.05E-03	9.80E-08	1.45	1.57E-01	2.23E-08	1,000,000	2.23E-02
229	1.53761	5.7347E-05	8.8177E-05	1.05E-03	9.22E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
230	1.44524	5.7347E-05	8.288E-05	1.05E-03	8.66E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
231	1.60553	5.7347E-05	9.2072E-05	1.05E-03	9.62E-08	1.45	1.57E-01	2.19E-08	1,000,000	2.19E-02
232	1.51354	5.7347E-05	8.6796E-05	1.05E-03	9.07E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
233	1.42738	5.7347E-05	8.1855E-05	1.05E-03	8.56E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
234	1.34621	5.7347E-05	7.7201E-05	1.05E-03	8.07E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
235	1.48562	5.7347E-05	8.5195E-05	1.05E-03	8.90E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
236	1.40509	5.7347E-05	8.0577E-05	1.05E-03	8.42E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
237	1.32857	5.7347E-05	7.6189E-05	1.05E-03	7.96E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
238	1.25739	5.7347E-05	7.2107E-05	1.05E-03	7.54E-08	1.45	1.57E-01	1.72E-08	1,000,000	1.72E-02
239	1.37949	5.7347E-05	7.9109E-05	1.05E-03	8.27E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
240	1.30825	5.7347E-05	7.5024E-05	1.05E-03	7.84E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
241	1.24036	5.7347E-05	7.113E-05	1.05E-03	7.43E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
242	1.17736	5.7347E-05	6.7518E-05	1.05E-03	7.06E-08	1.45	1.57E-01	1.61E-08	1,000,000	1.61E-02
243	1.83497	5.7347E-05	0.00010523	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
244	1.79229	5.7347E-05	0.00010278	1.05E-03	1.07E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
245	1.73706	5.7347E-05	9.9614E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
246	1.67209	5.7347E-05	9.5889E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
247	1.60002	5.7347E-05	9.1756E-05	1.05E-03	9.59E-08	1.45	1.57E-01	2.19E-08	1,000,000	2.19E-02
248	1.52574	5.7347E-05	8.7496E-05	1.05E-03	9.15E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
249	1.45117	5.7347E-05	8.322E-05	1.05E-03	8.70E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
250	1.68945	5.7347E-05	9.6884E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
251	1.65007	5.7347E-05	9.4626E-05	1.05E-03	9.89E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.1778E-05	1.05E-03	9.59E-08	1.45	1.57E-01	2.19E-08	1,000,000	2.19E-02
253	1.54276	5.7347E-05	8.8472E-05	1.05E-03	9.25E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
254	1.47919	5.7347E-05	8.4826E-05	1.05E-03	8.87E-08	1.45	1.57E-01	2.02E-08	1,000,000	2.02E-02
255	1.41377	5.7347E-05	8.1075E-05	1.05E-03	8.47E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
256	1.34735	5.7347E-05	7.7266E-05	1.05E-03	8.08E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
257	1.56134	5.7347E-05	8.9537E-05	1.05E-03	9.36E-08	1.45	1.57E-01	2.13E-08	1,000,000	2.13E-02
258	1.52503	5.7347E-05	8.7455E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
259	1.48023	5.7347E-05	8.4886E-05	1.05E-03	8.87E-08	1.45	1.57E-01	2.02E-08	1,000,000	2.02E-02
260	1.42886	5.7347E-05	8.194E-05	1.05E-03	8.56E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
261	1.37251	5.7347E-05	7.8709E-05	1.05E-03	8.23E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
262	1.31448	5.7347E-05	7.5381E-05	1.05E-03	7.88E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
263	1.25576	5.7347E-05	7.2014E-05	1.05E-03	7.53E-08	1.45	1.57E-01	1.72E-08	1,000,000	1.72E-02
264	1.4482	5.7347E-05	8.3049E-05	1.05E-03	8.68E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
265	1.41458	5.7347E-05	8.1121E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
266	1.37393	5.7347E-05	7.879E-05	1.05E-03	8.24E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
267	1.32794	5.7347E-05	7.6153E-05	1.05E-03	7.96E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
268	1.27825	5.7347E-05	7.3303E-05	1.05E-03	7.66E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
269	1.2264	5.7347E-05	7.033E-05	1.05E-03	7.35E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
270	1.174	5.7347E-05	6.7325E-05	1.05E-03	7.04E-08	1.45	1.57E-01	1.60E-08	1,000,000	1.60E-02
271	1.34732	5.7347E-05	7.7264E-05	1.05E-03	8.08E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
272	1.31631	5.7347E-05	7.5486E-05	1.05E-03	7.89E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
273	1.27942	5.7347E-05	7.337E-05	1.05E-03	7.67E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
274	1.23803	5.7347E-05	7.0997E-05	1.05E-03	7.42E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
275	1.19351	5.7347E-05	6.8444E-05	1.05E-03	7.15E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02
276	1.14734	5.7347E-05	6.5796E-05	1.05E-03	6.88E-08	1.45	1.57E-01	1.57E-08	1,000,000	1.57E-02
277	1.10023	5.7347E-05	6.3094E-05	1.05E-03	6.59E-08	1.45	1.57E-01	1.50E-08	1,000,000	1.50E-02
278	1.21807	5.7347E-05	6.9852E-05	1.05E-03	7.30E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
279	1.26759	5.7347E-05	7.2692E-05	1.05E-03	7.60E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
280	1.39571	5.7347E-05	8.0039E-05	1.05E-03	8.37E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
281	1.37806	5.7347E-05	7.9027E-05	1.05E-03	8.26E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
282	1.5042	5.7347E-05	8.6261E-05	1.05E-03	9.02E-08	1.45	1.57E-01	2.05E-08	1,000,000	2.05E-02
283	1.26674	5.7347E-05	7.2643E-05	1.05E-03	7.59E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	5.8698	5.7347E-05	0.00033661	1.05E-03	3.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	6.31264	5.7347E-05	0.00036201	1.05E-03	3.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.79049	5.7347E-05	0.00038941	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	7.30904	5.7347E-05	0.00041915	1.05E-03	4.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.86707	5.7347E-05	0.00045115	1.05E-03	4.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.44863	5.7347E-05	0.0004845	1.05E-03	5.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	9.02198	5.7347E-05	0.00051738	1.05E-03	5.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.54868	5.7347E-05	0.00054758	1.05E-03	5.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	9.9955	5.7347E-05	0.00057321	1.05E-03	5.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.33724	5.7347E-05	0.00059281	1.05E-03	6.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	10.5465	5.7347E-05	0.00060481	1.05E-03	6.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	6.48006	5.7347E-05	0.00037161	1.05E-03	3.88E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	7.01117	5.7347E-05	0.00040207	1.05E-03	4.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	7.58667	5.7347E-05	0.00043507	1.05E-03	4.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	8.2138	5.7347E-05	0.00047103	1.05E-03	4.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.89226	5.7347E-05	0.00050994	1.05E-03	5.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.60279	5.7347E-05	0.00055069	1.05E-03	5.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	10.30338	5.7347E-05	0.00059086	1.05E-03	6.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.94073	5.7347E-05	0.00062741	1.05E-03	6.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.46773	5.7347E-05	0.00065763	1.05E-03	6.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	11.84826	5.7347E-05	0.00067946	1.05E-03	7.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	12.04504	5.7347E-05	0.00069074	1.05E-03	7.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	7.19196	5.7347E-05	0.00041243	1.05E-03	4.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	7.83668	5.7347E-05	0.00044941	1.05E-03	4.70E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	8.53939	5.7347E-05	0.0004897	1.05E-03	5.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	9.30907	5.7347E-05	0.00053384	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	10.14676	5.7347E-05	0.00058188	1.05E-03	6.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	11.02904	5.7347E-05	0.00063248	1.05E-03	6.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.89924	5.7347E-05	0.00068238	1.05E-03	7.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.68137	5.7347E-05	0.00072723	1.05E-03	7.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.30641	5.7347E-05	0.00076308	1.05E-03	7.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	13.72131	5.7347E-05	0.00078687	1.05E-03	8.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	0.00079568	1.05E-03	8.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	8.028	5.7347E-05	0.00046038	1.05E-03	4.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	8.82098	5.7347E-05	0.00050585	1.05E-03	5.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	9.69245	5.7347E-05	0.00055583	1.05E-03	5.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	10.65336	5.7347E-05	0.00061093	1.05E-03	6.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	11.70647	5.7347E-05	0.00067133	1.05E-03	7.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	12.82311	5.7347E-05	0.00073536	1.05E-03	7.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.92512	5.7347E-05	0.00079856	1.05E-03	8.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.90045	5.7347E-05	0.00085449	1.05E-03	8.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	15.64425	5.7347E-05	0.00089714	1.05E-03	9.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	16.07642	5.7347E-05	0.00092193	1.05E-03	9.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	16.1279	5.7347E-05	0.00092488	1.05E-03	9.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.01649	5.7347E-05	0.00051706	1.05E-03	5.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	10.00575	5.7347E-05	0.0005738	1.05E-03	6.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	11.10553	5.7347E-05	0.00063686	1.05E-03	6.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	12.32936	5.7347E-05	0.00070705	1.05E-03	7.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	13.68199	5.7347E-05	0.00078462	1.05E-03	8.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	15.12779	5.7347E-05	0.00086753	1.05E-03	9.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	16.55614	5.7347E-05	0.00094944	1.05E-03	9.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.79521	5.7347E-05	0.00102049	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	18.6786	5.7347E-05	0.00107115	1.05E-03	1.12E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	19.08228	5.7347E-05	0.0010943	1.05E-03	1.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	18.91798	5.7347E-05	0.00108488	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	10.19297	5.7347E-05	0.00058453	1.05E-03	6.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	11.44594	5.7347E-05	0.00065639	1.05E-03	6.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	12.86111	5.7347E-05	0.00073754	1.05E-03	7.71E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	14.45657	5.7347E-05	0.00082903	1.05E-03	8.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	16.23938	5.7347E-05	0.00093127	1.05E-03	9.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	18.16387	5.7347E-05	0.00104164	1.05E-03	1.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	20.06859	5.7347E-05	0.00115086	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	21.67712	5.7347E-05	0.00124311	1.05E-03	1.30E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	22.71139	5.7347E-05	0.00130242	1.05E-03	1.36E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	22.97603	5.7347E-05	0.0013176	1.05E-03	1.38E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	0.00128333	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	11.60143	5.7347E-05	0.0006653	1.05E-03	6.95E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	13.21419	5.7347E-05	0.00075779	1.05E-03	7.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	15.07458	5.7347E-05	0.00086448	1.05E-03	9.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	17.21187	5.7347E-05	0.00098704	1.05E-03	1.03E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	19.63706	5.7347E-05	0.00112612	1.05E-03	1.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	22.28829	5.7347E-05	0.00127816	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	24.92063	5.7347E-05	0.00142911	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	27.06234	5.7347E-05	0.00155193	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	28.21876	5.7347E-05	0.00161825	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	28.08481	5.7347E-05	0.00161057	1.05E-03	1.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	26.64016	5.7347E-05	0.00152772	1.05E-03	1.60E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	20.0037	5.7347E-05	0.00114714	1.05E-03	1.20E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	23.20926	5.7347E-05	0.00133097	1.05E-03	1.39E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	27.48521	5.7347E-05	0.00157618	1.05E-03	1.65E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	31.09722	5.7347E-05	0.00178332	1.05E-03	1.86E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	34.8583	5.7347E-05	0.001999	1.05E-03	2.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	35.97263	5.7347E-05	0.00206291	1.05E-03	2.16E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	34.8305	5.7347E-05	0.00199741	1.05E-03	2.09E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	31.76885	5.7347E-05	0.00182183	1.05E-03	1.90E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	17.30587	5.7347E-05	0.00099243	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	14.73451	5.7347E-05	0.00084497	1.05E-03	8.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	5.73E-05	2.88E-05	6.05E-04	1.75E-08	14	4.71E-02	1.15E-08	1,000,000	1.2E-02
2	0.53356	5.7347E-05	3.06E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
3	0.56804	5.7347E-05	3.26E-05	6.05E-04	1.97E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
4	0.60569	5.7347E-05	3.47E-05	6.05E-04	2.10E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
5	0.64829	5.7347E-05	3.72E-05	6.05E-04	2.25E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
6	0.49954	5.7347E-05	2.86E-05	6.05E-04	1.73E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
7	0.52983	5.7347E-05	3.04E-05	6.05E-04	1.84E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
8	0.56369	5.7347E-05	3.23E-05	6.05E-04	1.96E-08	14	4.71E-02	1.29E-08	1,000,000	1.29E-02
9	0.60235	5.7347E-05	3.45E-05	6.05E-04	2.09E-08	14	4.71E-02	1.38E-08	1,000,000	1.38E-02
10	0.6449	5.7347E-05	3.70E-05	6.05E-04	2.24E-08	14	4.71E-02	1.48E-08	1,000,000	1.48E-02
11	0.49581	5.7347E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
12	0.52617	5.7347E-05	3.02E-05	6.05E-04	1.83E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
13	0.56026	5.7347E-05	3.21E-05	6.05E-04	1.94E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
14	0.5993	5.7347E-05	3.44E-05	6.05E-04	2.08E-08	14	4.71E-02	1.37E-08	1,000,000	1.37E-02
15	0.64215	5.7347E-05	3.68E-05	6.05E-04	2.23E-08	14	4.71E-02	1.47E-08	1,000,000	1.47E-02
16	0.49249	5.7347E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
17	0.52321	5.7347E-05	3.00E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
18	0.55734	5.7347E-05	3.20E-05	6.05E-04	1.93E-08	14	4.71E-02	1.28E-08	1,000,000	1.28E-02
19	0.59523	5.7347E-05	3.41E-05	6.05E-04	2.07E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
20	0.63861	5.7347E-05	3.66E-05	6.05E-04	2.22E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
21	0.48982	5.7347E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
22	0.52058	5.7347E-05	2.99E-05	6.05E-04	1.81E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
23	0.55498	5.7347E-05	3.18E-05	6.05E-04	1.93E-08	14	4.71E-02	1.27E-08	1,000,000	1.27E-02
24	0.5933	5.7347E-05	3.40E-05	6.05E-04	2.06E-08	14	4.71E-02	1.36E-08	1,000,000	1.36E-02
25	0.63585	5.7347E-05	3.65E-05	6.05E-04	2.21E-08	14	4.71E-02	1.46E-08	1,000,000	1.46E-02
113	2.50817	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
114	2.27604	5.7347E-05	1.31E-04	6.05E-04	7.90E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
115	2.07277	5.7347E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
116	1.89456	5.7347E-05	1.09E-04	6.05E-04	6.57E-08	14	4.71E-02	4.34E-08	1,000,000	4.34E-02
117	2.57966	5.7347E-05	1.48E-04	6.05E-04	8.95E-08	14	4.71E-02	5.91E-08	1,000,000	5.91E-02
118	2.33075	5.7347E-05	1.34E-04	6.05E-04	8.09E-08	14	4.71E-02	5.34E-08	1,000,000	5.34E-02
119	2.1151	5.7347E-05	1.21E-04	6.05E-04	7.34E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
121	2.64366	5.7347E-05	1.52E-04	6.05E-04	9.17E-08	14	4.71E-02	6.05E-08	1,000,000	6.05E-02
122	2.37917	5.7347E-05	1.36E-04	6.05E-04	8.26E-08	14	4.71E-02	5.45E-08	1,000,000	5.45E-02
123	2.15213	5.7347E-05	1.23E-04	6.05E-04	7.47E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
124	1.95616	5.7347E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
125	2.6993	5.7347E-05	1.55E-04	6.05E-04	9.37E-08	14	4.71E-02	6.18E-08	1,000,000	6.18E-02
126	2.42085	5.7347E-05	1.39E-04	6.05E-04	8.40E-08	14	4.71E-02	5.54E-08	1,000,000	5.54E-02
127	2.18384	5.7347E-05	1.25E-04	6.05E-04	7.58E-08	14	4.71E-02	5.00E-08	1,000,000	5.00E-02
128	1.9807	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
129	2.74637	5.7347E-05	1.57E-04	6.05E-04	9.53E-08	14	4.71E-02	6.29E-08	1,000,000	6.29E-02
130	2.4561	5.7347E-05	1.41E-04	6.05E-04	8.52E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
131	2.2108	5.7347E-05	1.27E-04	6.05E-04	7.67E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
132	2.00178	5.7347E-05	1.15E-04	6.05E-04	6.95E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
133	2.78553	5.7347E-05	1.60E-04	6.05E-04	9.67E-08	14	4.71E-02	6.38E-08	1,000,000	6.38E-02
134	2.4856	5.7347E-05	1.43E-04	6.05E-04	8.62E-08	14	4.71E-02	5.69E-08	1,000,000	5.69E-02
135	2.23352	5.7347E-05	1.28E-04	6.05E-04	7.75E-08	14	4.71E-02	5.12E-08	1,000,000	5.12E-02
136	2.01959	5.7347E-05	1.16E-04	6.05E-04	7.01E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
137	2.81724	5.7347E-05	1.62E-04	6.05E-04	9.78E-08	14	4.71E-02	6.45E-08	1,000,000	6.45E-02
138	2.25161	5.7347E-05	1.29E-04	6.05E-04	7.81E-08	14	4.71E-02	5.16E-08	1,000,000	5.16E-02
139	2.03345	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
140	2.85608	5.7347E-05	1.64E-04	6.05E-04	9.91E-08	14	4.71E-02	6.54E-08	1,000,000	6.54E-02
141	2.53527	5.7347E-05	1.45E-04	6.05E-04	8.80E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
142	2.26851	5.7347E-05	1.30E-04	6.05E-04	7.87E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
143	2.04406	5.7347E-05	1.17E-04	6.05E-04	7.09E-08	14	4.71E-02	4.68E-08	1,000,000	4.68E-02
144	2.84638	5.7347E-05	1.63E-04	6.05E-04	9.88E-08	14	4.71E-02	6.52E-08	1,000,000	6.52E-02
145	2.52626	5.7347E-05	1.45E-04	6.05E-04	8.77E-08	14	4.71E-02	5.79E-08	1,000,000	5.79E-02
146	2.26026	5.7347E-05	1.30E-04	6.05E-04	7.84E-08	14	4.71E-02	5.18E-08	1,000,000	5.18E-02
147	2.03655	5.7347E-05	1.17E-04	6.05E-04	7.07E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
148	2.82227	5.7347E-05	1.62E-04	6.05E-04	9.79E-08	14	4.71E-02	6.46E-08	1,000,000	6.46E-02
149	2.50601	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
150	2.24307	5.7347E-05	1.29E-04	6.05E-04	7.78E-08	14	4.71E-02	5.14E-08	1,000,000	5.14E-02
151	2.02184	5.7347E-05	1.16E-04	6.05E-04	7.02E-08	14	4.71E-02	4.63E-08	1,000,000	4.63E-02
152	2.7804	5.7347E-05	1.59E-04	6.05E-04	9.65E-08	14	4.71E-02	6.37E-08	1,000,000	6.37E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02
154	2.21477	5.7347E-05	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
155	1.9981	5.7347E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
156	2.71848	5.7347E-05	1.56E-04	6.05E-04	9.43E-08	14	4.71E-02	6.23E-08	1,000,000	6.23E-02
157	2.42222	5.7347E-05	1.39E-04	6.05E-04	8.40E-08	14	4.71E-02	5.55E-08	1,000,000	5.55E-02
158	2.17426	5.7347E-05	1.25E-04	6.05E-04	7.54E-08	14	4.71E-02	4.98E-08	1,000,000	4.98E-02
159	1.96453	5.7347E-05	1.13E-04	6.05E-04	6.82E-08	14	4.71E-02	4.50E-08	1,000,000	4.50E-02
160	2.63444	5.7347E-05	1.51E-04	6.05E-04	9.14E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
161	2.35618	5.7347E-05	1.35E-04	6.05E-04	8.18E-08	14	4.71E-02	5.40E-08	1,000,000	5.40E-02
162	2.12125	5.7347E-05	1.22E-04	6.05E-04	7.36E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
163	1.92083	5.7347E-05	1.10E-04	6.05E-04	6.67E-08	14	4.71E-02	4.40E-08	1,000,000	4.40E-02
164	2.5245	5.7347E-05	1.45E-04	6.05E-04	8.76E-08	14	4.71E-02	5.78E-08	1,000,000	5.78E-02
165	2.27131	5.7347E-05	1.30E-04	6.05E-04	7.88E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
166	2.05243	5.7347E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
167	1.86544	5.7347E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
168	2.38548	5.7347E-05	1.37E-04	6.05E-04	8.28E-08	14	4.71E-02	5.46E-08	1,000,000	5.46E-02
169	2.16428	5.7347E-05	1.24E-04	6.05E-04	7.51E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
170	1.96856	5.7347E-05	1.13E-04	6.05E-04	6.83E-08	14	4.71E-02	4.51E-08	1,000,000	4.51E-02
171	1.79927	5.7347E-05	1.03E-04	6.05E-04	6.24E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
172	2.22043	5.7347E-05	1.27E-04	6.05E-04	7.70E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
173	2.03475	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
174	1.86689	5.7347E-05	1.07E-04	6.05E-04	6.48E-08	14	4.71E-02	4.28E-08	1,000,000	4.28E-02
175	1.71839	5.7347E-05	9.85E-05	6.05E-04	5.96E-08	14	4.71E-02	3.94E-08	1,000,000	3.94E-02
176	2.04116	5.7347E-05	1.17E-04	6.05E-04	7.08E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
177	1.88875	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
178	1.74887	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
179	1.62298	5.7347E-05	9.31E-05	6.05E-04	5.63E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
180	1.8643	5.7347E-05	1.07E-04	6.05E-04	6.47E-08	14	4.71E-02	4.27E-08	1,000,000	4.27E-02
181	1.73727	5.7347E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
182	1.62177	5.7347E-05	9.30E-05	6.05E-04	5.63E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
183	1.51708	5.7347E-05	8.70E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
184	2.61249	5.7347E-05	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
185	2.08684	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
187	1.79464	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
188	1.67542	5.7347E-05	9.61E-05	6.05E-04	5.81E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
189	2.08585	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
190	1.91226	5.7347E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
191	1.76717	5.7347E-05	1.01E-04	6.05E-04	6.13E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
192	1.64457	5.7347E-05	9.43E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
193	1.53773	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
194	1.92943	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
195	1.77008	5.7347E-05	1.02E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
196	1.63433	5.7347E-05	9.37E-05	6.05E-04	5.67E-08	14	4.71E-02	3.74E-08	1,000,000	3.74E-02
197	1.51813	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
198	1.42018	5.7347E-05	8.14E-05	6.05E-04	4.93E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
199	1.79488	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
200	1.65052	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
201	1.52428	5.7347E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
202	1.41527	5.7347E-05	8.12E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
203	1.32214	5.7347E-05	7.58E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
204	2.34879	5.7347E-05	1.35E-04	6.05E-04	8.15E-08	14	4.71E-02	5.38E-08	1,000,000	5.38E-02
205	1.67468	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
206	1.54583	5.7347E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
207	1.42989	5.7347E-05	8.20E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
208	1.32908	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
209	2.14252	5.7347E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
210	1.9774	5.7347E-05	1.13E-04	6.05E-04	6.86E-08	14	4.71E-02	4.53E-08	1,000,000	4.53E-02
211	1.82694	5.7347E-05	1.05E-04	6.05E-04	6.34E-08	14	4.71E-02	4.18E-08	1,000,000	4.18E-02
212	1.69017	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
213	1.56514	5.7347E-05	8.98E-05	6.05E-04	5.43E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
214	1.4505	5.7347E-05	8.32E-05	6.05E-04	5.03E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
215	1.34683	5.7347E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
216	2.07577	5.7347E-05	1.19E-04	6.05E-04	7.20E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
217	1.93387	5.7347E-05	1.11E-04	6.05E-04	6.71E-08	14	4.71E-02	4.43E-08	1,000,000	4.43E-02
218	1.80129	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - 2 to 14 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.64E-05	6.05E-04	5.83E-08	14	4.71E-02	3.85E-08	1,000,000	3.85E-02
220	1.56913	5.7347E-05	9.00E-05	6.05E-04	5.44E-08	14	4.71E-02	3.59E-08	1,000,000	3.59E-02
221	1.46582	5.7347E-05	8.41E-05	6.05E-04	5.09E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
222	1.89783	5.7347E-05	1.09E-04	6.05E-04	6.59E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
223	1.77506	5.7347E-05	1.02E-04	6.05E-04	6.16E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
224	1.66148	5.7347E-05	9.53E-05	6.05E-04	5.77E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
225	1.55709	5.7347E-05	8.93E-05	6.05E-04	5.40E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
226	1.45921	5.7347E-05	8.37E-05	6.05E-04	5.06E-08	14	4.71E-02	3.34E-08	1,000,000	3.34E-02
227	1.74232	5.7347E-05	9.99E-05	6.05E-04	6.05E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
228	1.63578	5.7347E-05	9.38E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
229	1.53761	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
230	1.44524	5.7347E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
231	1.60553	5.7347E-05	9.21E-05	6.05E-04	5.57E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
232	1.51354	5.7347E-05	8.68E-05	6.05E-04	5.25E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
233	1.42738	5.7347E-05	8.19E-05	6.05E-04	4.95E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
234	1.34621	5.7347E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
235	1.48562	5.7347E-05	8.52E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
236	1.40509	5.7347E-05	8.06E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
237	1.32857	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
238	1.25739	5.7347E-05	7.21E-05	6.05E-04	4.36E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
239	1.37949	5.7347E-05	7.91E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
240	1.30825	5.7347E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
241	1.24036	5.7347E-05	7.11E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
242	1.17736	5.7347E-05	6.75E-05	6.05E-04	4.09E-08	14	4.71E-02	2.70E-08	1,000,000	2.70E-02
243	1.83497	5.7347E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
244	1.79229	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
245	1.73706	5.7347E-05	9.96E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
246	1.67209	5.7347E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
247	1.60002	5.7347E-05	9.18E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
248	1.52574	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
249	1.45117	5.7347E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
250	1.68945	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
251	1.65007	5.7347E-05	9.46E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.18E-05	6.05E-04	5.55E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
253	1.54276	5.7347E-05	8.85E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
254	1.47919	5.7347E-05	8.48E-05	6.05E-04	5.13E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
255	1.41377	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
256	1.34735	5.7347E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
257	1.56134	5.7347E-05	8.95E-05	6.05E-04	5.42E-08	14	4.71E-02	3.58E-08	1,000,000	3.58E-02
258	1.52503	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
259	1.48023	5.7347E-05	8.49E-05	6.05E-04	5.14E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
260	1.42886	5.7347E-05	8.19E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
261	1.37251	5.7347E-05	7.87E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
262	1.31448	5.7347E-05	7.54E-05	6.05E-04	4.56E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
263	1.25576	5.7347E-05	7.20E-05	6.05E-04	4.36E-08	14	4.71E-02	2.88E-08	1,000,000	2.88E-02
264	1.4482	5.7347E-05	8.30E-05	6.05E-04	5.03E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
265	1.41458	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
266	1.37393	5.7347E-05	7.88E-05	6.05E-04	4.77E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
267	1.32794	5.7347E-05	7.62E-05	6.05E-04	4.61E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
268	1.27825	5.7347E-05	7.33E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
269	1.2264	5.7347E-05	7.03E-05	6.05E-04	4.26E-08	14	4.71E-02	2.81E-08	1,000,000	2.81E-02
270	1.174	5.7347E-05	6.73E-05	6.05E-04	4.07E-08	14	4.71E-02	2.69E-08	1,000,000	2.69E-02
271	1.34732	5.7347E-05	7.73E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
272	1.31631	5.7347E-05	7.55E-05	6.05E-04	4.57E-08	14	4.71E-02	3.01E-08	1,000,000	3.01E-02
273	1.27942	5.7347E-05	7.34E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
274	1.23803	5.7347E-05	7.10E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
275	1.19351	5.7347E-05	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
276	1.14734	5.7347E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
277	1.10023	5.7347E-05	6.31E-05	6.05E-04	3.82E-08	14	4.71E-02	2.52E-08	1,000,000	2.52E-02
278	1.21807	5.7347E-05	6.99E-05	6.05E-04	4.23E-08	14	4.71E-02	2.79E-08	1,000,000	2.79E-02
279	1.26759	5.7347E-05	7.27E-05	6.05E-04	4.40E-08	14	4.71E-02	2.90E-08	1,000,000	2.90E-02
280	1.39571	5.7347E-05	8.00E-05	6.05E-04	4.84E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
281	1.37806	5.7347E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
282	1.5042	5.7347E-05	8.63E-05	6.05E-04	5.22E-08	14	4.71E-02	3.44E-08	1,000,000	3.44E-02
283	1.26674	5.7347E-05	7.26E-05	6.05E-04	4.40E-08	14	4.71E-02	2.90E-08	1,000,000	2.90E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

					Cancer Risk From Idle 2 - 2 to 14 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	5.8698	5.7347E-05	3.37E-04	6.05E-04	2.04E-07	10	4.71E-02	9.60E-08	1,000,000	9.60E-02
27	6.31264	5.7347E-05	3.62E-04	6.05E-04	2.19E-07	10	4.71E-02	1.03E-07	1,000,000	1.03E-01
28	6.79049	5.7347E-05	3.89E-04	6.05E-04	2.36E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01
29	7.30904	5.7347E-05	4.19E-04	6.05E-04	2.54E-07	10	4.71E-02	1.20E-07	1,000,000	1.20E-01
30	7.86707	5.7347E-05	4.51E-04	6.05E-04	2.73E-07	10	4.71E-02	1.29E-07	1,000,000	1.29E-01
31	8.44863	5.7347E-05	4.84E-04	6.05E-04	2.93E-07	10	4.71E-02	1.38E-07	1,000,000	1.38E-01
32	9.02198	5.7347E-05	5.17E-04	6.05E-04	3.13E-07	10	4.71E-02	1.48E-07	1,000,000	1.48E-01
33	9.54868	5.7347E-05	5.48E-04	6.05E-04	3.31E-07	10	4.71E-02	1.56E-07	1,000,000	1.56E-01
34	9.9955	5.7347E-05	5.73E-04	6.05E-04	3.47E-07	10	4.71E-02	1.64E-07	1,000,000	1.64E-01
35	10.33724	5.7347E-05	5.93E-04	6.05E-04	3.59E-07	10	4.71E-02	1.69E-07	1,000,000	1.69E-01
36	10.5465	5.7347E-05	6.05E-04	6.05E-04	3.66E-07	10	4.71E-02	1.73E-07	1,000,000	1.73E-01
37	6.48006	5.7347E-05	3.72E-04	6.05E-04	2.25E-07	10	4.71E-02	1.06E-07	1,000,000	1.06E-01
38	7.01117	5.7347E-05	4.02E-04	6.05E-04	2.43E-07	10	4.71E-02	1.15E-07	1,000,000	1.15E-01
39	7.58667	5.7347E-05	4.35E-04	6.05E-04	2.63E-07	10	4.71E-02	1.24E-07	1,000,000	1.24E-01
40	8.2138	5.7347E-05	4.71E-04	6.05E-04	2.85E-07	10	4.71E-02	1.34E-07	1,000,000	1.34E-01
41	8.89226	5.7347E-05	5.10E-04	6.05E-04	3.09E-07	10	4.71E-02	1.45E-07	1,000,000	1.45E-01
42	9.60279	5.7347E-05	5.51E-04	6.05E-04	3.33E-07	10	4.71E-02	1.57E-07	1,000,000	1.57E-01
43	10.30338	5.7347E-05	5.91E-04	6.05E-04	3.58E-07	10	4.71E-02	1.69E-07	1,000,000	1.69E-01
44	10.94073	5.7347E-05	6.27E-04	6.05E-04	3.80E-07	10	4.71E-02	1.79E-07	1,000,000	1.79E-01
45	11.46773	5.7347E-05	6.58E-04	6.05E-04	3.98E-07	10	4.71E-02	1.88E-07	1,000,000	1.88E-01
46	11.84826	5.7347E-05	6.79E-04	6.05E-04	4.11E-07	10	4.71E-02	1.94E-07	1,000,000	1.94E-01
47	12.04504	5.7347E-05	6.91E-04	6.05E-04	4.18E-07	10	4.71E-02	1.97E-07	1,000,000	1.97E-01
48	7.19196	5.7347E-05	4.12E-04	6.05E-04	2.50E-07	10	4.71E-02	1.18E-07	1,000,000	1.18E-01
49	7.83668	5.7347E-05	4.49E-04	6.05E-04	2.72E-07	10	4.71E-02	1.28E-07	1,000,000	1.28E-01
50	8.53939	5.7347E-05	4.90E-04	6.05E-04	2.96E-07	10	4.71E-02	1.40E-07	1,000,000	1.40E-01
51	9.30907	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	10	4.71E-02	1.52E-07	1,000,000	1.52E-01
52	10.14676	5.7347E-05	5.82E-04	6.05E-04	3.52E-07	10	4.71E-02	1.66E-07	1,000,000	1.66E-01
53	11.02904	5.7347E-05	6.32E-04	6.05E-04	3.83E-07	10	4.71E-02	1.80E-07	1,000,000	1.80E-01
54	11.89924	5.7347E-05	6.82E-04	6.05E-04	4.13E-07	10	4.71E-02	1.95E-07	1,000,000	1.95E-01
55	12.68137	5.7347E-05	7.27E-04	6.05E-04	4.40E-07	10	4.71E-02	2.07E-07	1,000,000	2.07E-01
56	13.30641	5.7347E-05	7.63E-04	6.05E-04	4.62E-07	10	4.71E-02	2.18E-07	1,000,000	2.18E-01
57	13.72131	5.7347E-05	7.87E-04	6.05E-04	4.76E-07	10	4.71E-02	2.24E-07	1,000,000	2.24E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	7.96E-04	6.05E-04	4.81E-07	10	4.71E-02	2.27E-07	1,000,000	2.27E-01
59	8.028	5.7347E-05	4.60E-04	6.05E-04	2.79E-07	10	4.71E-02	1.31E-07	1,000,000	1.31E-01
60	8.82098	5.7347E-05	5.06E-04	6.05E-04	3.06E-07	10	4.71E-02	1.44E-07	1,000,000	1.44E-01
61	9.69245	5.7347E-05	5.56E-04	6.05E-04	3.36E-07	10	4.71E-02	1.59E-07	1,000,000	1.59E-01
62	10.65336	5.7347E-05	6.11E-04	6.05E-04	3.70E-07	10	4.71E-02	1.74E-07	1,000,000	1.74E-01
63	11.70647	5.7347E-05	6.71E-04	6.05E-04	4.06E-07	10	4.71E-02	1.91E-07	1,000,000	1.91E-01
64	12.82311	5.7347E-05	7.35E-04	6.05E-04	4.45E-07	10	4.71E-02	2.10E-07	1,000,000	2.10E-01
65	13.92512	5.7347E-05	7.99E-04	6.05E-04	4.83E-07	10	4.71E-02	2.28E-07	1,000,000	2.28E-01
66	14.90045	5.7347E-05	8.54E-04	6.05E-04	5.17E-07	10	4.71E-02	2.44E-07	1,000,000	2.44E-01
67	15.64425	5.7347E-05	8.97E-04	6.05E-04	5.43E-07	10	4.71E-02	2.56E-07	1,000,000	2.56E-01
68	16.07642	5.7347E-05	9.22E-04	6.05E-04	5.58E-07	10	4.71E-02	2.63E-07	1,000,000	2.63E-01
69	16.1279	5.7347E-05	9.25E-04	6.05E-04	5.60E-07	10	4.71E-02	2.64E-07	1,000,000	2.64E-01
70	9.01649	5.7347E-05	5.17E-04	6.05E-04	3.13E-07	10	4.71E-02	1.47E-07	1,000,000	1.47E-01
71	10.00575	5.7347E-05	5.74E-04	6.05E-04	3.47E-07	10	4.71E-02	1.64E-07	1,000,000	1.64E-01
72	11.10553	5.7347E-05	6.37E-04	6.05E-04	3.85E-07	10	4.71E-02	1.82E-07	1,000,000	1.82E-01
73	12.32936	5.7347E-05	7.07E-04	6.05E-04	4.28E-07	10	4.71E-02	2.02E-07	1,000,000	2.02E-01
74	13.68199	5.7347E-05	7.85E-04	6.05E-04	4.75E-07	10	4.71E-02	2.24E-07	1,000,000	2.24E-01
75	15.12779	5.7347E-05	8.68E-04	6.05E-04	5.25E-07	10	4.71E-02	2.47E-07	1,000,000	2.47E-01
76	16.55614	5.7347E-05	9.49E-04	6.05E-04	5.74E-07	10	4.71E-02	2.71E-07	1,000,000	2.71E-01
77	17.79521	5.7347E-05	1.02E-03	6.05E-04	6.17E-07	10	4.71E-02	2.91E-07	1,000,000	2.91E-01
78	18.6786	5.7347E-05	1.07E-03	6.05E-04	6.48E-07	10	4.71E-02	3.06E-07	1,000,000	3.06E-01
79	19.08228	5.7347E-05	1.09E-03	6.05E-04	6.62E-07	10	4.71E-02	3.12E-07	1,000,000	3.12E-01
80	18.91798	5.7347E-05	1.08E-03	6.05E-04	6.56E-07	10	4.71E-02	3.09E-07	1,000,000	3.09E-01
81	10.19297	5.7347E-05	5.85E-04	6.05E-04	3.54E-07	10	4.71E-02	1.67E-07	1,000,000	1.67E-01
82	11.44594	5.7347E-05	6.56E-04	6.05E-04	3.97E-07	10	4.71E-02	1.87E-07	1,000,000	1.87E-01
83	12.86111	5.7347E-05	7.38E-04	6.05E-04	4.46E-07	10	4.71E-02	2.10E-07	1,000,000	2.10E-01
84	14.45657	5.7347E-05	8.29E-04	6.05E-04	5.02E-07	10	4.71E-02	2.36E-07	1,000,000	2.36E-01
85	16.23938	5.7347E-05	9.31E-04	6.05E-04	5.63E-07	10	4.71E-02	2.66E-07	1,000,000	2.66E-01
86	18.16387	5.7347E-05	1.04E-03	6.05E-04	6.30E-07	10	4.71E-02	2.97E-07	1,000,000	2.97E-01
87	20.06859	5.7347E-05	1.15E-03	6.05E-04	6.96E-07	10	4.71E-02	3.28E-07	1,000,000	3.28E-01
88	21.67712	5.7347E-05	1.24E-03	6.05E-04	7.52E-07	10	4.71E-02	3.55E-07	1,000,000	3.55E-01
89	22.71139	5.7347E-05	1.30E-03	6.05E-04	7.88E-07	10	4.71E-02	3.72E-07	1,000,000	3.72E-01
90	22.97603	5.7347E-05	1.32E-03	6.05E-04	7.97E-07	10	4.71E-02	3.76E-07	1,000,000	3.76E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	1.28E-03	6.05E-04	7.77E-07	10	4.71E-02	3.66E-07	1,000,000	3.66E-01
92	11.60143	5.7347E-05	6.65E-04	6.05E-04	4.03E-07	10	4.71E-02	1.90E-07	1,000,000	1.90E-01
93	13.21419	5.7347E-05	7.58E-04	6.05E-04	4.59E-07	10	4.71E-02	2.16E-07	1,000,000	2.16E-01
94	15.07458	5.7347E-05	8.64E-04	6.05E-04	5.23E-07	10	4.71E-02	2.47E-07	1,000,000	2.47E-01
95	17.21187	5.7347E-05	9.87E-04	6.05E-04	5.97E-07	10	4.71E-02	2.82E-07	1,000,000	2.82E-01
96	19.63706	5.7347E-05	1.13E-03	6.05E-04	6.81E-07	10	4.71E-02	3.21E-07	1,000,000	3.21E-01
97	22.28829	5.7347E-05	1.28E-03	6.05E-04	7.73E-07	10	4.71E-02	3.65E-07	1,000,000	3.65E-01
98	24.92063	5.7347E-05	1.43E-03	6.05E-04	8.65E-07	10	4.71E-02	4.08E-07	1,000,000	4.08E-01
99	27.06234	5.7347E-05	1.55E-03	6.05E-04	9.39E-07	10	4.71E-02	4.43E-07	1,000,000	4.43E-01
100	28.21876	5.7347E-05	1.62E-03	6.05E-04	9.79E-07	10	4.71E-02	4.62E-07	1,000,000	4.62E-01
101	28.08481	5.7347E-05	1.61E-03	6.05E-04	9.75E-07	10	4.71E-02	4.59E-07	1,000,000	4.59E-01
102	26.64016	5.7347E-05	1.53E-03	6.05E-04	9.24E-07	10	4.71E-02	4.36E-07	1,000,000	4.36E-01
103	20.0037	5.7347E-05	1.15E-03	6.05E-04	6.94E-07	10	4.71E-02	3.27E-07	1,000,000	3.27E-01
104	23.20926	5.7347E-05	1.33E-03	6.05E-04	8.05E-07	10	4.71E-02	3.80E-07	1,000,000	3.80E-01
105	27.48521	5.7347E-05	1.58E-03	6.05E-04	9.54E-07	10	4.71E-02	4.50E-07	1,000,000	4.50E-01
106	31.09722	5.7347E-05	1.78E-03	6.05E-04	1.08E-06	10	4.71E-02	5.09E-07	1,000,000	5.09E-01
107	34.8583	5.7347E-05	2.00E-03	6.05E-04	1.21E-06	10	4.71E-02	5.70E-07	1,000,000	5.70E-01
108	35.97263	5.7347E-05	2.06E-03	6.05E-04	1.25E-06	10	4.71E-02	5.88E-07	1,000,000	5.88E-01
109	34.8305	5.7347E-05	2.00E-03	6.05E-04	1.21E-06	10	4.71E-02	5.70E-07	1,000,000	5.70E-01
110	31.76885	5.7347E-05	1.82E-03	6.05E-04	1.10E-06	10	4.71E-02	5.20E-07	1,000,000	5.20E-01
111	17.30587	5.7347E-05	9.92E-04	6.05E-04	6.00E-07	10	4.71E-02	2.83E-07	1,000,000	2.83E-01
112	14.73451	5.7347E-05	8.45E-04	6.05E-04	5.11E-07	10	4.71E-02	2.41E-07	1,000,000	2.41E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.50303	5.73E-05	2.88E-05	2.50E-04	7.22E-09	14	1.15E-02	1.16E-09	1000000.0	1.2E-03
2	0.53356	5.7347E-05	3.06E-05	2.50E-04	7.66E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
3	0.56804	5.7347E-05	3.26E-05	2.50E-04	8.15E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
4	0.60569	5.7347E-05	3.47E-05	2.50E-04	8.69E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
5	0.64829	5.7347E-05	3.72E-05	2.50E-04	9.30E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
6	0.49954	5.7347E-05	2.86E-05	2.50E-04	7.17E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
7	0.52983	5.7347E-05	3.04E-05	2.50E-04	7.60E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
8	0.56369	5.7347E-05	3.23E-05	2.50E-04	8.09E-09	14	1.15E-02	1.30E-09	1,000,000	1.30E-03
9	0.60235	5.7347E-05	3.45E-05	2.50E-04	8.65E-09	14	1.15E-02	1.39E-09	1,000,000	1.39E-03
10	0.6449	5.7347E-05	3.70E-05	2.50E-04	9.26E-09	14	1.15E-02	1.49E-09	1,000,000	1.49E-03
11	0.49581	5.7347E-05	2.84E-05	2.50E-04	7.12E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
12	0.52617	5.7347E-05	3.02E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
13	0.56026	5.7347E-05	3.21E-05	2.50E-04	8.04E-09	14	1.15E-02	1.29E-09	1,000,000	1.29E-03
14	0.5993	5.7347E-05	3.44E-05	2.50E-04	8.60E-09	14	1.15E-02	1.38E-09	1,000,000	1.38E-03
15	0.64215	5.7347E-05	3.68E-05	2.50E-04	9.22E-09	14	1.15E-02	1.48E-09	1,000,000	1.48E-03
16	0.49249	5.7347E-05	2.82E-05	2.50E-04	7.07E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
17	0.52321	5.7347E-05	3.00E-05	2.50E-04	7.51E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
18	0.55734	5.7347E-05	3.20E-05	2.50E-04	8.00E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
19	0.59523	5.7347E-05	3.41E-05	2.50E-04	8.54E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
20	0.63861	5.7347E-05	3.66E-05	2.50E-04	9.17E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
21	0.48982	5.7347E-05	2.81E-05	2.50E-04	7.03E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
22	0.52058	5.7347E-05	2.99E-05	2.50E-04	7.47E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
23	0.55498	5.7347E-05	3.18E-05	2.50E-04	7.97E-09	14	1.15E-02	1.28E-09	1,000,000	1.28E-03
24	0.5933	5.7347E-05	3.40E-05	2.50E-04	8.52E-09	14	1.15E-02	1.37E-09	1,000,000	1.37E-03
25	0.63585	5.7347E-05	3.65E-05	2.50E-04	9.13E-09	14	1.15E-02	1.47E-09	1,000,000	1.47E-03
113	2.50817	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
114	2.27604	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
115	2.07277	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
116	1.89456	5.7347E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
117	2.57966	5.7347E-05	1.48E-04	2.50E-04	3.70E-08	14	1.15E-02	5.95E-09	1,000,000	5.95E-03
118	2.33075	5.7347E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.37E-09	1,000,000	5.37E-03
119	2.1151	5.7347E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.92755	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
121	2.64366	5.7347E-05	1.52E-04	2.50E-04	3.79E-08	14	1.15E-02	6.09E-09	1,000,000	6.09E-03
122	2.37917	5.7347E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.48E-09	1,000,000	5.48E-03
123	2.15213	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
124	1.95616	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
125	2.6993	5.7347E-05	1.55E-04	2.50E-04	3.87E-08	14	1.15E-02	6.22E-09	1,000,000	6.22E-03
126	2.42085	5.7347E-05	1.39E-04	2.50E-04	3.47E-08	14	1.15E-02	5.58E-09	1,000,000	5.58E-03
127	2.18384	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.03E-09	1,000,000	5.03E-03
128	1.9807	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
129	2.74637	5.7347E-05	1.57E-04	2.50E-04	3.94E-08	14	1.15E-02	6.33E-09	1,000,000	6.33E-03
130	2.4561	5.7347E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.66E-09	1,000,000	5.66E-03
131	2.2108	5.7347E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
132	2.00178	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
133	2.78553	5.7347E-05	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.42E-09	1,000,000	6.42E-03
134	2.4856	5.7347E-05	1.43E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
135	2.23352	5.7347E-05	1.28E-04	2.50E-04	3.21E-08	14	1.15E-02	5.15E-09	1,000,000	5.15E-03
136	2.01959	5.7347E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
137	2.81724	5.7347E-05	1.62E-04	2.50E-04	4.04E-08	14	1.15E-02	6.49E-09	1,000,000	6.49E-03
138	2.25161	5.7347E-05	1.29E-04	2.50E-04	3.23E-08	14	1.15E-02	5.19E-09	1,000,000	5.19E-03
139	2.03345	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
140	2.85608	5.7347E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
141	2.53527	5.7347E-05	1.45E-04	2.50E-04	3.64E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
142	2.26851	5.7347E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.23E-09	1,000,000	5.23E-03
143	2.04406	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.71E-09	1,000,000	4.71E-03
144	2.84638	5.7347E-05	1.63E-04	2.50E-04	4.09E-08	14	1.15E-02	6.56E-09	1,000,000	6.56E-03
145	2.52626	5.7347E-05	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
146	2.26026	5.7347E-05	1.30E-04	2.50E-04	3.24E-08	14	1.15E-02	5.21E-09	1,000,000	5.21E-03
147	2.03655	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
148	2.82227	5.7347E-05	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.51E-09	1,000,000	6.51E-03
149	2.50601	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
150	2.24307	5.7347E-05	1.29E-04	2.50E-04	3.22E-08	14	1.15E-02	5.17E-09	1,000,000	5.17E-03
151	2.02184	5.7347E-05	1.16E-04	2.50E-04	2.90E-08	14	1.15E-02	4.66E-09	1,000,000	4.66E-03
152	2.7804	5.7347E-05	1.59E-04	2.50E-04	3.99E-08	14	1.15E-02	6.41E-09	1,000,000	6.41E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.47184	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
154	2.21477	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
155	1.9981	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
156	2.71848	5.7347E-05	1.56E-04	2.50E-04	3.90E-08	14	1.15E-02	6.27E-09	1,000,000	6.27E-03
157	2.42222	5.7347E-05	1.39E-04	2.50E-04	3.48E-08	14	1.15E-02	5.58E-09	1,000,000	5.58E-03
158	2.17426	5.7347E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.01E-09	1,000,000	5.01E-03
159	1.96453	5.7347E-05	1.13E-04	2.50E-04	2.82E-08	14	1.15E-02	4.53E-09	1,000,000	4.53E-03
160	2.63444	5.7347E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
161	2.35618	5.7347E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
162	2.12125	5.7347E-05	1.22E-04	2.50E-04	3.04E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
163	1.92083	5.7347E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.43E-09	1,000,000	4.43E-03
164	2.5245	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
165	2.27131	5.7347E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
166	2.05243	5.7347E-05	1.18E-04	2.50E-04	2.95E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
167	1.86544	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
168	2.38548	5.7347E-05	1.37E-04	2.50E-04	3.42E-08	14	1.15E-02	5.50E-09	1,000,000	5.50E-03
169	2.16428	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	4.99E-09	1,000,000	4.99E-03
170	1.96856	5.7347E-05	1.13E-04	2.50E-04	2.83E-08	14	1.15E-02	4.54E-09	1,000,000	4.54E-03
171	1.79927	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
172	2.22043	5.7347E-05	1.27E-04	2.50E-04	3.19E-08	14	1.15E-02	5.12E-09	1,000,000	5.12E-03
173	2.03475	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
174	1.86689	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
175	1.71839	5.7347E-05	9.85E-05	2.50E-04	2.47E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
176	2.04116	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
177	1.88875	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
178	1.74887	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
179	1.62298	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
180	1.8643	5.7347E-05	1.07E-04	2.50E-04	2.68E-08	14	1.15E-02	4.30E-09	1,000,000	4.30E-03
181	1.73727	5.7347E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
182	1.62177	5.7347E-05	9.30E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
183	1.51708	5.7347E-05	8.70E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
184	2.61249	5.7347E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
185	2.08684	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.92946	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03
187	1.79464	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
188	1.67542	5.7347E-05	9.61E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
189	2.08585	5.7347E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
190	1.91226	5.7347E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03
191	1.76717	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.07E-09	1,000,000	4.07E-03
192	1.64457	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
193	1.53773	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
194	1.92943	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.45E-09	1,000,000	4.45E-03
195	1.77008	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
196	1.63433	5.7347E-05	9.37E-05	2.50E-04	2.35E-08	14	1.15E-02	3.77E-09	1,000,000	3.77E-03
197	1.51813	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
198	1.42018	5.7347E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
199	1.79488	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
200	1.65052	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
201	1.52428	5.7347E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
202	1.41527	5.7347E-05	8.12E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
203	1.32214	5.7347E-05	7.58E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
204	2.34879	5.7347E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.41E-09	1,000,000	5.41E-03
205	1.67468	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
206	1.54583	5.7347E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
207	1.42989	5.7347E-05	8.20E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
208	1.32908	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
209	2.14252	5.7347E-05	1.23E-04	2.50E-04	3.08E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
210	1.9774	5.7347E-05	1.13E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
211	1.82694	5.7347E-05	1.05E-04	2.50E-04	2.62E-08	14	1.15E-02	4.21E-09	1,000,000	4.21E-03
212	1.69017	5.7347E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.90E-09	1,000,000	3.90E-03
213	1.56514	5.7347E-05	8.98E-05	2.50E-04	2.25E-08	14	1.15E-02	3.61E-09	1,000,000	3.61E-03
214	1.4505	5.7347E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
215	1.34683	5.7347E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
216	2.07577	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
217	1.93387	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
218	1.80129	5.7347E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.68097	5.7347E-05	9.64E-05	2.50E-04	2.41E-08	14	1.15E-02	3.87E-09	1,000,000	3.87E-03
220	1.56913	5.7347E-05	9.00E-05	2.50E-04	2.25E-08	14	1.15E-02	3.62E-09	1,000,000	3.62E-03
221	1.46582	5.7347E-05	8.41E-05	2.50E-04	2.10E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
222	1.89783	5.7347E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
223	1.77506	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
224	1.66148	5.7347E-05	9.53E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
225	1.55709	5.7347E-05	8.93E-05	2.50E-04	2.23E-08	14	1.15E-02	3.59E-09	1,000,000	3.59E-03
226	1.45921	5.7347E-05	8.37E-05	2.50E-04	2.09E-08	14	1.15E-02	3.36E-09	1,000,000	3.36E-03
227	1.74232	5.7347E-05	9.99E-05	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
228	1.63578	5.7347E-05	9.38E-05	2.50E-04	2.35E-08	14	1.15E-02	3.77E-09	1,000,000	3.77E-03
229	1.53761	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
230	1.44524	5.7347E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
231	1.60553	5.7347E-05	9.21E-05	2.50E-04	2.30E-08	14	1.15E-02	3.70E-09	1,000,000	3.70E-03
232	1.51354	5.7347E-05	8.68E-05	2.50E-04	2.17E-08	14	1.15E-02	3.49E-09	1,000,000	3.49E-03
233	1.42738	5.7347E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
234	1.34621	5.7347E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
235	1.48562	5.7347E-05	8.52E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
236	1.40509	5.7347E-05	8.06E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
237	1.32857	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
238	1.25739	5.7347E-05	7.21E-05	2.50E-04	1.80E-08	14	1.15E-02	2.90E-09	1,000,000	2.90E-03
239	1.37949	5.7347E-05	7.91E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
240	1.30825	5.7347E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
241	1.24036	5.7347E-05	7.11E-05	2.50E-04	1.78E-08	14	1.15E-02	2.86E-09	1,000,000	2.86E-03
242	1.17736	5.7347E-05	6.75E-05	2.50E-04	1.69E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
243	1.83497	5.7347E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
244	1.79229	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
245	1.73706	5.7347E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
246	1.67209	5.7347E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
247	1.60002	5.7347E-05	9.18E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
248	1.52574	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
249	1.45117	5.7347E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
250	1.68945	5.7347E-05	9.69E-05	2.50E-04	2.42E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
251	1.65007	5.7347E-05	9.46E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.60041	5.7347E-05	9.18E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
253	1.54276	5.7347E-05	8.85E-05	2.50E-04	2.21E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
254	1.47919	5.7347E-05	8.48E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
255	1.41377	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
256	1.34735	5.7347E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
257	1.56134	5.7347E-05	8.95E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
258	1.52503	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
259	1.48023	5.7347E-05	8.49E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
260	1.42886	5.7347E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
261	1.37251	5.7347E-05	7.87E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
262	1.31448	5.7347E-05	7.54E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
263	1.25576	5.7347E-05	7.20E-05	2.50E-04	1.80E-08	14	1.15E-02	2.89E-09	1,000,000	2.89E-03
264	1.4482	5.7347E-05	8.30E-05	2.50E-04	2.08E-08	14	1.15E-02	3.34E-09	1,000,000	3.34E-03
265	1.41458	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
266	1.37393	5.7347E-05	7.88E-05	2.50E-04	1.97E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
267	1.32794	5.7347E-05	7.62E-05	2.50E-04	1.91E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
268	1.27825	5.7347E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
269	1.2264	5.7347E-05	7.03E-05	2.50E-04	1.76E-08	14	1.15E-02	2.83E-09	1,000,000	2.83E-03
270	1.174	5.7347E-05	6.73E-05	2.50E-04	1.68E-08	14	1.15E-02	2.71E-09	1,000,000	2.71E-03
271	1.34732	5.7347E-05	7.73E-05	2.50E-04	1.93E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
272	1.31631	5.7347E-05	7.55E-05	2.50E-04	1.89E-08	14	1.15E-02	3.03E-09	1,000,000	3.03E-03
273	1.27942	5.7347E-05	7.34E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
274	1.23803	5.7347E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
275	1.19351	5.7347E-05	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
276	1.14734	5.7347E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
277	1.10023	5.7347E-05	6.31E-05	2.50E-04	1.58E-08	14	1.15E-02	2.54E-09	1,000,000	2.54E-03
278	1.21807	5.7347E-05	6.99E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
279	1.26759	5.7347E-05	7.27E-05	2.50E-04	1.82E-08	14	1.15E-02	2.92E-09	1,000,000	2.92E-03
280	1.39571	5.7347E-05	8.00E-05	2.50E-04	2.00E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
281	1.37806	5.7347E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
282	1.5042	5.7347E-05	8.63E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
283	1.26674	5.7347E-05	7.26E-05	2.50E-04	1.82E-08	14	1.15E-02	2.92E-09	1,000,000	2.92E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

						Cancer Risk From Idle 2 - 17 to 30 years				
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	5.8698	5.7347E-05	3.37E-04	2.50E-04	8.42E-08	30	1.15E-02	2.90E-08	1,000,000	2.90E-02
27	6.31264	5.7347E-05	3.62E-04	2.50E-04	9.06E-08	30	1.15E-02	3.12E-08	1,000,000	3.12E-02
28	6.79049	5.7347E-05	3.89E-04	2.50E-04	9.75E-08	30	1.15E-02	3.35E-08	1,000,000	3.35E-02
29	7.30904	5.7347E-05	4.19E-04	2.50E-04	1.05E-07	30	1.15E-02	3.61E-08	1,000,000	3.61E-02
30	7.86707	5.7347E-05	4.51E-04	2.50E-04	1.13E-07	30	1.15E-02	3.89E-08	1,000,000	3.89E-02
31	8.44863	5.7347E-05	4.84E-04	2.50E-04	1.21E-07	30	1.15E-02	4.17E-08	1,000,000	4.17E-02
32	9.02198	5.7347E-05	5.17E-04	2.50E-04	1.29E-07	30	1.15E-02	4.46E-08	1,000,000	4.46E-02
33	9.54868	5.7347E-05	5.48E-04	2.50E-04	1.37E-07	30	1.15E-02	4.72E-08	1,000,000	4.72E-02
34	9.9955	5.7347E-05	5.73E-04	2.50E-04	1.43E-07	30	1.15E-02	4.94E-08	1,000,000	4.94E-02
35	10.33724	5.7347E-05	5.93E-04	2.50E-04	1.48E-07	30	1.15E-02	5.11E-08	1,000,000	5.11E-02
36	10.5465	5.7347E-05	6.05E-04	2.50E-04	1.51E-07	30	1.15E-02	5.21E-08	1,000,000	5.21E-02
37	6.48006	5.7347E-05	3.72E-04	2.50E-04	9.30E-08	30	1.15E-02	3.20E-08	1,000,000	3.20E-02
38	7.01117	5.7347E-05	4.02E-04	2.50E-04	1.01E-07	30	1.15E-02	3.46E-08	1,000,000	3.46E-02
39	7.58667	5.7347E-05	4.35E-04	2.50E-04	1.09E-07	30	1.15E-02	3.75E-08	1,000,000	3.75E-02
40	8.2138	5.7347E-05	4.71E-04	2.50E-04	1.18E-07	30	1.15E-02	4.06E-08	1,000,000	4.06E-02
41	8.89226	5.7347E-05	5.10E-04	2.50E-04	1.28E-07	30	1.15E-02	4.39E-08	1,000,000	4.39E-02
42	9.60279	5.7347E-05	5.51E-04	2.50E-04	1.38E-07	30	1.15E-02	4.74E-08	1,000,000	4.74E-02
43	10.30338	5.7347E-05	5.91E-04	2.50E-04	1.48E-07	30	1.15E-02	5.09E-08	1,000,000	5.09E-02
44	10.94073	5.7347E-05	6.27E-04	2.50E-04	1.57E-07	30	1.15E-02	5.40E-08	1,000,000	5.40E-02
45	11.46773	5.7347E-05	6.58E-04	2.50E-04	1.65E-07	30	1.15E-02	5.66E-08	1,000,000	5.66E-02
46	11.84826	5.7347E-05	6.79E-04	2.50E-04	1.70E-07	30	1.15E-02	5.85E-08	1,000,000	5.85E-02
47	12.04504	5.7347E-05	6.91E-04	2.50E-04	1.73E-07	30	1.15E-02	5.95E-08	1,000,000	5.95E-02
48	7.19196	5.7347E-05	4.12E-04	2.50E-04	1.03E-07	30	1.15E-02	3.55E-08	1,000,000	3.55E-02
49	7.83668	5.7347E-05	4.49E-04	2.50E-04	1.12E-07	30	1.15E-02	3.87E-08	1,000,000	3.87E-02
50	8.53939	5.7347E-05	4.90E-04	2.50E-04	1.23E-07	30	1.15E-02	4.22E-08	1,000,000	4.22E-02
51	9.30907	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	30	1.15E-02	4.60E-08	1,000,000	4.60E-02
52	10.14676	5.7347E-05	5.82E-04	2.50E-04	1.46E-07	30	1.15E-02	5.01E-08	1,000,000	5.01E-02
53	11.02904	5.7347E-05	6.32E-04	2.50E-04	1.58E-07	30	1.15E-02	5.45E-08	1,000,000	5.45E-02
54	11.89924	5.7347E-05	6.82E-04	2.50E-04	1.71E-07	30	1.15E-02	5.88E-08	1,000,000	5.88E-02
55	12.68137	5.7347E-05	7.27E-04	2.50E-04	1.82E-07	30	1.15E-02	6.26E-08	1,000,000	6.26E-02
56	13.30641	5.7347E-05	7.63E-04	2.50E-04	1.91E-07	30	1.15E-02	6.57E-08	1,000,000	6.57E-02
57	13.72131	5.7347E-05	7.87E-04	2.50E-04	1.97E-07	30	1.15E-02	6.78E-08	1,000,000	6.78E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	13.87502	5.7347E-05	7.96E-04	2.50E-04	1.99E-07	30	1.15E-02	6.85E-08	1,000,000	6.85E-02
59	8.028	5.7347E-05	4.60E-04	2.50E-04	1.15E-07	30	1.15E-02	3.97E-08	1,000,000	3.97E-02
60	8.82098	5.7347E-05	5.06E-04	2.50E-04	1.27E-07	30	1.15E-02	4.36E-08	1,000,000	4.36E-02
61	9.69245	5.7347E-05	5.56E-04	2.50E-04	1.39E-07	30	1.15E-02	4.79E-08	1,000,000	4.79E-02
62	10.65336	5.7347E-05	6.11E-04	2.50E-04	1.53E-07	30	1.15E-02	5.26E-08	1,000,000	5.26E-02
63	11.70647	5.7347E-05	6.71E-04	2.50E-04	1.68E-07	30	1.15E-02	5.78E-08	1,000,000	5.78E-02
64	12.82311	5.7347E-05	7.35E-04	2.50E-04	1.84E-07	30	1.15E-02	6.33E-08	1,000,000	6.33E-02
65	13.92512	5.7347E-05	7.99E-04	2.50E-04	2.00E-07	30	1.15E-02	6.88E-08	1,000,000	6.88E-02
66	14.90045	5.7347E-05	8.54E-04	2.50E-04	2.14E-07	30	1.15E-02	7.36E-08	1,000,000	7.36E-02
67	15.64425	5.7347E-05	8.97E-04	2.50E-04	2.25E-07	30	1.15E-02	7.73E-08	1,000,000	7.73E-02
68	16.07642	5.7347E-05	9.22E-04	2.50E-04	2.31E-07	30	1.15E-02	7.94E-08	1,000,000	7.94E-02
69	16.1279	5.7347E-05	9.25E-04	2.50E-04	2.31E-07	30	1.15E-02	7.97E-08	1,000,000	7.97E-02
70	9.01649	5.7347E-05	5.17E-04	2.50E-04	1.29E-07	30	1.15E-02	4.45E-08	1,000,000	4.45E-02
71	10.00575	5.7347E-05	5.74E-04	2.50E-04	1.44E-07	30	1.15E-02	4.94E-08	1,000,000	4.94E-02
72	11.10553	5.7347E-05	6.37E-04	2.50E-04	1.59E-07	30	1.15E-02	5.49E-08	1,000,000	5.49E-02
73	12.32936	5.7347E-05	7.07E-04	2.50E-04	1.77E-07	30	1.15E-02	6.09E-08	1,000,000	6.09E-02
74	13.68199	5.7347E-05	7.85E-04	2.50E-04	1.96E-07	30	1.15E-02	6.76E-08	1,000,000	6.76E-02
75	15.12779	5.7347E-05	8.68E-04	2.50E-04	2.17E-07	30	1.15E-02	7.47E-08	1,000,000	7.47E-02
76	16.55614	5.7347E-05	9.49E-04	2.50E-04	2.38E-07	30	1.15E-02	8.18E-08	1,000,000	8.18E-02
77	17.79521	5.7347E-05	1.02E-03	2.50E-04	2.55E-07	30	1.15E-02	8.79E-08	1,000,000	8.79E-02
78	18.6786	5.7347E-05	1.07E-03	2.50E-04	2.68E-07	30	1.15E-02	9.23E-08	1,000,000	9.23E-02
79	19.08228	5.7347E-05	1.09E-03	2.50E-04	2.74E-07	30	1.15E-02	9.43E-08	1,000,000	9.43E-02
80	18.91798	5.7347E-05	1.08E-03	2.50E-04	2.72E-07	30	1.15E-02	9.34E-08	1,000,000	9.34E-02
81	10.19297	5.7347E-05	5.85E-04	2.50E-04	1.46E-07	30	1.15E-02	5.03E-08	1,000,000	5.03E-02
82	11.44594	5.7347E-05	6.56E-04	2.50E-04	1.64E-07	30	1.15E-02	5.65E-08	1,000,000	5.65E-02
83	12.86111	5.7347E-05	7.38E-04	2.50E-04	1.85E-07	30	1.15E-02	6.35E-08	1,000,000	6.35E-02
84	14.45657	5.7347E-05	8.29E-04	2.50E-04	2.07E-07	30	1.15E-02	7.14E-08	1,000,000	7.14E-02
85	16.23938	5.7347E-05	9.31E-04	2.50E-04	2.33E-07	30	1.15E-02	8.02E-08	1,000,000	8.02E-02
86	18.16387	5.7347E-05	1.04E-03	2.50E-04	2.61E-07	30	1.15E-02	8.97E-08	1,000,000	8.97E-02
87	20.06859	5.7347E-05	1.15E-03	2.50E-04	2.88E-07	30	1.15E-02	9.91E-08	1,000,000	9.91E-02
88	21.67712	5.7347E-05	1.24E-03	2.50E-04	3.11E-07	30	1.15E-02	1.07E-07	1,000,000	1.07E-01
89	22.71139	5.7347E-05	1.30E-03	2.50E-04	3.26E-07	30	1.15E-02	1.12E-07	1,000,000	1.12E-01
90	22.97603	5.7347E-05	1.32E-03	2.50E-04	3.30E-07	30	1.15E-02	1.13E-07	1,000,000	1.13E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Cancer Risk From Idle 2 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	22.37849	5.7347E-05	1.28E-03	2.50E-04	3.21E-07	30	1.15E-02	1.11E-07	1,000,000	1.11E-01
92	11.60143	5.7347E-05	6.65E-04	2.50E-04	1.67E-07	30	1.15E-02	5.73E-08	1,000,000	5.73E-02
93	13.21419	5.7347E-05	7.58E-04	2.50E-04	1.90E-07	30	1.15E-02	6.53E-08	1,000,000	6.53E-02
94	15.07458	5.7347E-05	8.64E-04	2.50E-04	2.16E-07	30	1.15E-02	7.45E-08	1,000,000	7.45E-02
95	17.21187	5.7347E-05	9.87E-04	2.50E-04	2.47E-07	30	1.15E-02	8.50E-08	1,000,000	8.50E-02
96	19.63706	5.7347E-05	1.13E-03	2.50E-04	2.82E-07	30	1.15E-02	9.70E-08	1,000,000	9.70E-02
97	22.28829	5.7347E-05	1.28E-03	2.50E-04	3.20E-07	30	1.15E-02	1.10E-07	1,000,000	1.10E-01
98	24.92063	5.7347E-05	1.43E-03	2.50E-04	3.58E-07	30	1.15E-02	1.23E-07	1,000,000	1.23E-01
99	27.06234	5.7347E-05	1.55E-03	2.50E-04	3.88E-07	30	1.15E-02	1.34E-07	1,000,000	1.34E-01
100	28.21876	5.7347E-05	1.62E-03	2.50E-04	4.05E-07	30	1.15E-02	1.39E-07	1,000,000	1.39E-01
101	28.08481	5.7347E-05	1.61E-03	2.50E-04	4.03E-07	30	1.15E-02	1.39E-07	1,000,000	1.39E-01
102	26.64016	5.7347E-05	1.53E-03	2.50E-04	3.82E-07	30	1.15E-02	1.32E-07	1,000,000	1.32E-01
103	20.0037	5.7347E-05	1.15E-03	2.50E-04	2.87E-07	30	1.15E-02	9.88E-08	1,000,000	9.88E-02
104	23.20926	5.7347E-05	1.33E-03	2.50E-04	3.33E-07	30	1.15E-02	1.15E-07	1,000,000	1.15E-01
105	27.48521	5.7347E-05	1.58E-03	2.50E-04	3.94E-07	30	1.15E-02	1.36E-07	1,000,000	1.36E-01
106	31.09722	5.7347E-05	1.78E-03	2.50E-04	4.46E-07	30	1.15E-02	1.54E-07	1,000,000	1.54E-01
107	34.8583	5.7347E-05	2.00E-03	2.50E-04	5.00E-07	30	1.15E-02	1.72E-07	1,000,000	1.72E-01
108	35.97263	5.7347E-05	2.06E-03	2.50E-04	5.16E-07	30	1.15E-02	1.78E-07	1,000,000	1.78E-01
109	34.8305	5.7347E-05	2.00E-03	2.50E-04	5.00E-07	30	1.15E-02	1.72E-07	1,000,000	1.72E-01
110	31.76885	5.7347E-05	1.82E-03	2.50E-04	4.56E-07	30	1.15E-02	1.57E-07	1,000,000	1.57E-01
111	17.30587	5.7347E-05	9.92E-04	2.50E-04	2.48E-07	30	1.15E-02	8.55E-08	1,000,000	8.55E-02
112	14.73451	5.7347E-05	8.45E-04	2.50E-04	2.11E-07	30	1.15E-02	7.28E-08	1,000,000	7.28E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	2.0E-02	School	0.5884	108	5	1.73E-05	0.00124	108	School
2	2.1E-02	Res	0.1110	140	5	1.84E-05	0.0001	140	Res
3	2.2E-02	Teachers	0.178	108	5	1.95E-05	0.00124	108	Teachers
4	2.4E-02				5	2.08E-05			
5	2.5E-02				5	2.23E-05			
6	1.9E-02				5	1.72E-05			
7	2.1E-02				5	1.82E-05			
8	2.2E-02				5	1.94E-05			
9	2.3E-02				5	2.07E-05			
10	2.5E-02				5	2.22E-05			
11	1.9E-02				5	1.71E-05			
12	2.0E-02				5	1.81E-05			
13	2.2E-02				5	1.93E-05			
14	2.3E-02				5	2.06E-05			
15	2.5E-02				5	2.21E-05			
16	1.9E-02				5	1.69E-05			
17	2.0E-02				5	1.80E-05			
18	2.2E-02				5	1.92E-05			
19	2.3E-02				5	2.05E-05			
20	2.5E-02				5	2.20E-05			
21	1.9E-02				5	1.69E-05			
22	2.0E-02				5	1.79E-05			
23	2.2E-02				5	1.91E-05			
24	2.3E-02				5	2.04E-05			
25	2.5E-02				5	2.19E-05			
113	9.7E-02				5	8.63E-05			
114	8.8E-02				5	7.83E-05			
115	8.1E-02				5	7.13E-05			
116	7.4E-02				5	6.52E-05			
117	1.0E-01				5	8.88E-05			
118	9.1E-02				5	8.02E-05			
119	8.2E-02				5	7.28E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	7.5E-02				5	6.63E-05		
121	1.0E-01				5	9.10E-05		
122	9.2E-02				5	8.19E-05		
123	8.4E-02				5	7.41E-05		
124	7.6E-02				5	6.73E-05		
125	1.0E-01				5	9.29E-05		
126	9.4E-02				5	8.33E-05		
127	8.5E-02				5	7.51E-05		
128	7.7E-02				5	6.82E-05		
129	1.1E-01				5	9.45E-05		
130	9.5E-02				5	8.45E-05		
131	8.6E-02				5	7.61E-05		
132	7.8E-02				5	6.89E-05		
133	1.1E-01				5	9.58E-05		
134	9.7E-02				5	8.55E-05		
135	8.7E-02				5	7.69E-05		
136	7.8E-02				5	6.95E-05		
137	1.1E-01				5	9.69E-05		
138	8.8E-02				5	7.75E-05		
139	7.9E-02				5	7.00E-05		
140	1.1E-01				5	9.83E-05		
141	9.9E-02				5	8.72E-05		
142	8.8E-02				5	7.81E-05		
143	7.9E-02				5	7.03E-05		
144	1.1E-01				5	9.79E-05		
145	9.8E-02				5	8.69E-05		
146	8.8E-02				5	7.78E-05		
147	7.9E-02				5	7.01E-05		
148	1.1E-01				5	9.71E-05		
149	9.7E-02				5	8.62E-05		
150	8.7E-02				5	7.72E-05		
151	7.9E-02				5	6.96E-05		
152	1.1E-01				5	9.57E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	9.6E-02				5	8.51E-05		
154	8.6E-02				5	7.62E-05		
155	7.8E-02				5	6.88E-05		
156	1.1E-01				5	9.35E-05		
157	9.4E-02				5	8.33E-05		
158	8.4E-02				5	7.48E-05		
159	7.6E-02				5	6.76E-05		
160	1.0E-01				5	9.06E-05		
161	9.2E-02				5	8.11E-05		
162	8.2E-02				5	7.30E-05		
163	7.5E-02				5	6.61E-05		
164	9.8E-02				5	8.69E-05		
165	8.8E-02				5	7.82E-05		
166	8.0E-02				5	7.06E-05		
167	7.2E-02				5	6.42E-05		
168	9.3E-02				5	8.21E-05		
169	8.4E-02				5	7.45E-05		
170	7.7E-02				5	6.77E-05		
171	7.0E-02				5	6.19E-05		
172	8.6E-02				5	7.64E-05		
173	7.9E-02				5	7.00E-05		
174	7.3E-02				5	6.42E-05		
175	6.7E-02				5	5.91E-05		
176	7.9E-02				5	7.02E-05		
177	7.3E-02				5	6.50E-05		
178	6.8E-02				5	6.02E-05		
179	6.3E-02				5	5.58E-05		
180	7.2E-02				5	6.41E-05		
181	6.8E-02				5	5.98E-05		
182	6.3E-02				5	5.58E-05		
183	5.9E-02				5	5.22E-05		
184	1.0E-01				5	8.99E-05		
185	8.1E-02				5	7.18E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	7.5E-02				5	6.64E-05		
187	7.0E-02				5	6.17E-05		
188	6.5E-02				5	5.76E-05		
189	8.1E-02				5	7.18E-05		
190	7.4E-02				5	6.58E-05		
191	6.9E-02				5	6.08E-05		
192	6.4E-02				5	5.66E-05		
193	6.0E-02				5	5.29E-05		
194	7.5E-02				5	6.64E-05		
195	6.9E-02				5	6.09E-05		
196	6.4E-02				5	5.62E-05		
197	5.9E-02				5	5.22E-05		
198	5.5E-02				5	4.89E-05		
199	7.0E-02				5	6.18E-05		
200	6.4E-02				5	5.68E-05		
201	5.9E-02				5	5.24E-05		
202	5.5E-02				5	4.87E-05		
203	5.1E-02				5	4.55E-05		
204	9.1E-02				5	8.08E-05		
205	6.5E-02				5	5.76E-05		
206	6.0E-02				5	5.32E-05		
207	5.6E-02				5	4.92E-05		
208	5.2E-02				5	4.57E-05		
209	8.3E-02				5	7.37E-05		
210	7.7E-02				5	6.80E-05		
211	7.1E-02				5	6.29E-05		
212	6.6E-02				5	5.82E-05		
213	6.1E-02				5	5.39E-05		
214	5.6E-02				5	4.99E-05		
215	5.2E-02				5	4.63E-05		
216	8.1E-02				5	7.14E-05		
217	7.5E-02				5	6.65E-05		
218	7.0E-02				5	6.20E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	6.5E-02				5	5.78E-05		
220	6.1E-02				5	5.40E-05		
221	5.7E-02				5	5.04E-05		
222	7.4E-02				5	6.53E-05		
223	6.9E-02				5	6.11E-05		
224	6.5E-02				5	5.72E-05		
225	6.1E-02				5	5.36E-05		
226	5.7E-02				5	5.02E-05		
227	6.8E-02				5	5.99E-05		
228	6.4E-02				5	5.63E-05		
229	6.0E-02				5	5.29E-05		
230	5.6E-02				5	4.97E-05		
231	6.2E-02				5	5.52E-05		
232	5.9E-02				5	5.21E-05		
233	5.5E-02				5	4.91E-05		
234	5.2E-02				5	4.63E-05		
235	5.8E-02				5	5.11E-05		
236	5.5E-02				5	4.83E-05		
237	5.2E-02				5	4.57E-05		
238	4.9E-02				5	4.33E-05		
239	5.4E-02				5	4.75E-05		
240	5.1E-02				5	4.50E-05		
241	4.8E-02				5	4.27E-05		
242	4.6E-02				5	4.05E-05		
243	7.1E-02				5	6.31E-05		
244	7.0E-02				5	6.17E-05		
245	6.8E-02				5	5.98E-05		
246	6.5E-02				5	5.75E-05		
247	6.2E-02				5	5.51E-05		
248	5.9E-02				5	5.25E-05		
249	5.6E-02				5	4.99E-05		
250	6.6E-02				5	5.81E-05		
251	6.4E-02				5	5.68E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	6.2E-02				5	5.51E-05		
253	6.0E-02				5	5.31E-05		
254	5.7E-02				5	5.09E-05		
255	5.5E-02				5	4.86E-05		
256	5.2E-02				5	4.64E-05		
257	6.1E-02				5	5.37E-05		
258	5.9E-02				5	5.25E-05		
259	5.8E-02				5	5.09E-05		
260	5.6E-02				5	4.92E-05		
261	5.3E-02				5	4.72E-05		
262	5.1E-02				5	4.52E-05		
263	4.9E-02				5	4.32E-05		
264	5.6E-02				5	4.98E-05		
265	5.5E-02				5	4.87E-05		
266	5.3E-02				5	4.73E-05		
267	5.2E-02				5	4.57E-05		
268	5.0E-02				5	4.40E-05		
269	4.8E-02				5	4.22E-05		
270	4.6E-02				5	4.04E-05		
271	5.2E-02				5	4.64E-05		
272	5.1E-02				5	4.53E-05		
273	5.0E-02				5	4.40E-05		
274	4.8E-02				5	4.26E-05		
275	4.6E-02				5	4.11E-05		
276	4.5E-02				5	3.95E-05		
277	4.3E-02				5	3.79E-05		
278	4.7E-02				5	4.19E-05		
279	4.9E-02				5	4.36E-05		
280	5.4E-02				5	4.80E-05		
281	5.4E-02				5	4.74E-05		
282	5.8E-02				5	5.18E-05		
283	4.9E-02				5	4.36E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	9.6E-02	2.9E-02			5	2.02E-04		
27	1.0E-01	3.1E-02			5	2.17E-04		
28	1.1E-01	3.4E-02			5	2.34E-04		
29	1.2E-01	3.6E-02			5	2.51E-04		
30	1.3E-01	3.9E-02			5	2.71E-04		
31	1.4E-01	4.2E-02			5	2.91E-04		
32	1.5E-01	4.5E-02			5	3.10E-04		
33	1.6E-01	4.7E-02			5	3.29E-04		
34	1.6E-01	4.9E-02			5	3.44E-04		
35	1.7E-01	5.1E-02			5	3.56E-04		
36	1.7E-01	5.2E-02			5	3.63E-04		
37	1.1E-01	3.2E-02			5	2.23E-04		
38	1.1E-01	3.5E-02			5	2.41E-04		
39	1.2E-01	3.7E-02			5	2.61E-04		
40	1.3E-01	4.1E-02			5	2.83E-04		
41	1.5E-01	4.4E-02			5	3.06E-04		
42	1.6E-01	4.7E-02			5	3.30E-04		
43	1.7E-01	5.1E-02			5	3.55E-04		
44	1.8E-01	5.4E-02			5	3.76E-04		
45	1.9E-01	5.7E-02			5	3.95E-04		
46	1.9E-01	5.9E-02			5	4.08E-04		
47	2.0E-01	5.9E-02			5	4.14E-04		
48	1.2E-01	3.6E-02			5	2.47E-04		
49	1.3E-01	3.9E-02			5	2.70E-04		
50	1.4E-01	4.2E-02			5	2.94E-04		
51	1.5E-01	4.6E-02			5	3.20E-04		
52	1.7E-01	5.0E-02			5	3.49E-04		
53	1.8E-01	5.4E-02			5	3.79E-04		
54	1.9E-01	5.9E-02			5	4.09E-04		
55	2.1E-01	6.3E-02			5	4.36E-04		
56	2.2E-01	6.6E-02			5	4.58E-04		
57	2.2E-01	6.8E-02			5	4.72E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.3E-01	6.9E-02			5	4.77E-04		
59	1.3E-01	4.0E-02			5	2.76E-04		
60	1.4E-01	4.4E-02			5	3.04E-04		
61	1.6E-01	4.8E-02			5	3.33E-04		
62	1.7E-01	5.3E-02			5	3.67E-04		
63	1.9E-01	5.8E-02			5	4.03E-04		
64	2.1E-01	6.3E-02			5	4.41E-04		
65	2.3E-01	6.9E-02			5	4.79E-04		
66	2.4E-01	7.4E-02			5	5.13E-04		
67	2.6E-01	7.7E-02			5	5.38E-04		
68	2.6E-01	7.9E-02			5	5.53E-04		
69	2.6E-01	8.0E-02			5	5.55E-04		
70	1.5E-01	4.5E-02			5	3.10E-04		
71	1.6E-01	4.9E-02			5	3.44E-04		
72	1.8E-01	5.5E-02			5	3.82E-04		
73	2.0E-01	6.1E-02			5	4.24E-04		
74	2.2E-01	6.8E-02			5	4.71E-04		
75	2.5E-01	7.5E-02			5	5.21E-04		
76	2.7E-01	8.2E-02			5	5.70E-04		
77	2.9E-01	8.8E-02			5	6.12E-04		
78	3.1E-01	9.2E-02			5	6.43E-04		
79	3.1E-01	9.4E-02			5	6.57E-04		
80	3.1E-01	9.3E-02			5	6.51E-04		
81	1.7E-01	5.0E-02			5	3.51E-04		
82	1.9E-01	5.7E-02			5	3.94E-04		
83	2.1E-01	6.4E-02			5	4.43E-04		
84	2.4E-01	7.1E-02			5	4.97E-04		
85	2.7E-01	8.0E-02			5	5.59E-04		
86	3.0E-01	9.0E-02			5	6.25E-04		
87	3.3E-01	9.9E-02			5	6.91E-04		
88	3.5E-01	1.1E-01			5	7.46E-04		
89	3.7E-01	1.1E-01			5	7.81E-04		
90	3.8E-01	1.1E-01			5	7.91E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle2

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	3.7E-01	1.1E-01			5	7.70E-04		
92	1.9E-01	5.7E-02			5	3.99E-04		
93	2.2E-01	6.5E-02			5	4.55E-04		
94	2.5E-01	7.4E-02			5	5.19E-04		
95	2.8E-01	8.5E-02			5	5.92E-04		
96	3.2E-01	9.7E-02			5	6.76E-04		
97	3.6E-01	1.1E-01			5	7.67E-04		
98	4.1E-01	1.2E-01			5	8.57E-04		
99	4.4E-01	1.3E-01			5	9.31E-04		
100	4.6E-01	1.4E-01			5	9.71E-04		
101	4.6E-01	1.4E-01			5	9.66E-04		
102	4.4E-01	1.3E-01			5	9.17E-04		
103	3.3E-01	9.9E-02			5	6.88E-04		
104	3.8E-01	1.1E-01			5	7.99E-04		
105	4.5E-01	1.4E-01			5	9.46E-04		
106	5.1E-01	1.5E-01			5	1.07E-03		
107	5.7E-01	1.7E-01			5	1.20E-03		
108	5.9E-01	1.8E-01			5	1.24E-03		
109	5.7E-01	1.7E-01			5	1.20E-03		
110	5.2E-01	1.6E-01			5	1.09E-03		
111	2.8E-01	8.5E-02			5	5.95E-04		
112	2.4E-01	7.3E-02			5	5.07E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

					Cancer Risk From Idle 3 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	**5.26E-05**	2.40E-05	1.05E-03	2.51E-08	1.45	1.57E-01	5.72E-09	1,000,000	5.72E-03
2	0.48248	5.2602E-05	2.5379E-05	1.05E-03	2.65E-08	1.45	1.57E-01	6.04E-09	1,000,000	6.04E-03
3	0.51192	5.2602E-05	2.6928E-05	1.05E-03	2.81E-08	1.45	1.57E-01	6.41E-09	1,000,000	6.41E-03
4	0.54396	5.2602E-05	2.8613E-05	1.05E-03	2.99E-08	1.45	1.57E-01	6.81E-09	1,000,000	6.81E-03
5	0.58001	5.2602E-05	3.051E-05	1.05E-03	3.19E-08	1.45	1.57E-01	7.27E-09	1,000,000	7.27E-03
6	0.45354	5.2602E-05	2.3857E-05	1.05E-03	2.49E-08	1.45	1.57E-01	5.68E-09	1,000,000	5.68E-03
7	0.47961	5.2602E-05	2.5228E-05	1.05E-03	2.64E-08	1.45	1.57E-01	6.01E-09	1,000,000	6.01E-03
8	0.50863	5.2602E-05	2.6755E-05	1.05E-03	2.80E-08	1.45	1.57E-01	6.37E-09	1,000,000	6.37E-03
9	0.54157	5.2602E-05	2.8488E-05	1.05E-03	2.98E-08	1.45	1.57E-01	6.78E-09	1,000,000	6.78E-03
10	0.57764	5.2602E-05	3.0385E-05	1.05E-03	3.18E-08	1.45	1.57E-01	7.24E-09	1,000,000	7.24E-03
11	0.45065	5.2602E-05	2.3705E-05	1.05E-03	2.48E-08	1.45	1.57E-01	5.65E-09	1,000,000	5.65E-03
12	0.47684	5.2602E-05	2.5083E-05	1.05E-03	2.62E-08	1.45	1.57E-01	5.97E-09	1,000,000	5.97E-03
13	0.5061	5.2602E-05	2.6622E-05	1.05E-03	2.78E-08	1.45	1.57E-01	6.34E-09	1,000,000	6.34E-03
14	0.5394	5.2602E-05	2.8374E-05	1.05E-03	2.97E-08	1.45	1.57E-01	6.76E-09	1,000,000	6.76E-03
15	0.57574	5.2602E-05	3.0285E-05	1.05E-03	3.17E-08	1.45	1.57E-01	7.21E-09	1,000,000	7.21E-03
16	0.44811	5.2602E-05	2.3572E-05	1.05E-03	2.46E-08	1.45	1.57E-01	5.61E-09	1,000,000	5.61E-03
17	0.47465	5.2602E-05	2.4968E-05	1.05E-03	2.61E-08	1.45	1.57E-01	5.95E-09	1,000,000	5.95E-03
18	0.50398	5.2602E-05	2.651E-05	1.05E-03	2.77E-08	1.45	1.57E-01	6.31E-09	1,000,000	6.31E-03
19	0.53635	5.2602E-05	2.8213E-05	1.05E-03	2.95E-08	1.45	1.57E-01	6.72E-09	1,000,000	6.72E-03
20	0.57312	5.2602E-05	3.0147E-05	1.05E-03	3.15E-08	1.45	1.57E-01	7.18E-09	1,000,000	7.18E-03
21	0.44612	5.2602E-05	2.3467E-05	1.05E-03	2.45E-08	1.45	1.57E-01	5.59E-09	1,000,000	5.59E-03
22	0.47271	5.2602E-05	2.4866E-05	1.05E-03	2.60E-08	1.45	1.57E-01	5.92E-09	1,000,000	5.92E-03
23	0.50228	5.2602E-05	2.6421E-05	1.05E-03	2.76E-08	1.45	1.57E-01	6.29E-09	1,000,000	6.29E-03
24	0.535	5.2602E-05	2.8142E-05	1.05E-03	2.94E-08	1.45	1.57E-01	6.70E-09	1,000,000	6.70E-03
25	0.57105	5.2602E-05	3.0038E-05	1.05E-03	3.14E-08	1.45	1.57E-01	7.15E-09	1,000,000	7.15E-03
113	3.11657	5.2602E-05	0.00016394	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
114	2.78362	5.2602E-05	0.00014642	1.05E-03	1.53E-07	1.45	1.57E-01	3.49E-08	1,000,000	3.49E-02
115	2.49949	5.2602E-05	0.00013148	1.05E-03	1.37E-07	1.45	1.57E-01	3.13E-08	1,000,000	3.13E-02
116	2.25599	5.2602E-05	0.00011867	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
117	3.20449	5.2602E-05	0.00016856	1.05E-03	1.76E-07	1.45	1.57E-01	4.01E-08	1,000,000	4.01E-02
118	2.84805	5.2602E-05	0.00014981	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
119	2.54741	5.2602E-05	0.000134	1.05E-03	1.40E-07	1.45	1.57E-01	3.19E-08	1,000,000	3.19E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	0.00012057	1.05E-03	1.26E-07	1.45	1.57E-01	2.87E-08	1,000,000	2.87E-02
121	3.2798	5.2602E-05	0.00017252	1.05E-03	1.80E-07	1.45	1.57E-01	4.11E-08	1,000,000	4.11E-02
122	2.90271	5.2602E-05	0.00015269	1.05E-03	1.60E-07	1.45	1.57E-01	3.64E-08	1,000,000	3.64E-02
123	2.58791	5.2602E-05	0.00013613	1.05E-03	1.42E-07	1.45	1.57E-01	3.24E-08	1,000,000	3.24E-02
124	2.32281	5.2602E-05	0.00012218	1.05E-03	1.28E-07	1.45	1.57E-01	2.91E-08	1,000,000	2.91E-02
125	3.34237	5.2602E-05	0.00017582	1.05E-03	1.84E-07	1.45	1.57E-01	4.19E-08	1,000,000	4.19E-02
126	2.94814	5.2602E-05	0.00015508	1.05E-03	1.62E-07	1.45	1.57E-01	3.69E-08	1,000,000	3.69E-02
127	2.62177	5.2602E-05	0.00013791	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
128	2.34867	5.2602E-05	0.00012354	1.05E-03	1.29E-07	1.45	1.57E-01	2.94E-08	1,000,000	2.94E-02
129	3.39312	5.2602E-05	0.00017849	1.05E-03	1.87E-07	1.45	1.57E-01	4.25E-08	1,000,000	4.25E-02
130	2.98513	5.2602E-05	0.00015702	1.05E-03	1.64E-07	1.45	1.57E-01	3.74E-08	1,000,000	3.74E-02
131	2.64935	5.2602E-05	0.00013936	1.05E-03	1.46E-07	1.45	1.57E-01	3.32E-08	1,000,000	3.32E-02
132	2.36957	5.2602E-05	0.00012464	1.05E-03	1.30E-07	1.45	1.57E-01	2.97E-08	1,000,000	2.97E-02
133	3.43208	5.2602E-05	0.00018053	1.05E-03	1.89E-07	1.45	1.57E-01	4.30E-08	1,000,000	4.30E-02
134	3.01301	5.2602E-05	0.00015849	1.05E-03	1.66E-07	1.45	1.57E-01	3.77E-08	1,000,000	3.77E-02
135	2.66953	5.2602E-05	0.00014042	1.05E-03	1.47E-07	1.45	1.57E-01	3.34E-08	1,000,000	3.34E-02
136	2.38425	5.2602E-05	0.00012542	1.05E-03	1.31E-07	1.45	1.57E-01	2.99E-08	1,000,000	2.99E-02
137	3.45706	5.2602E-05	0.00018185	1.05E-03	1.90E-07	1.45	1.57E-01	4.33E-08	1,000,000	4.33E-02
138	2.68067	5.2602E-05	0.00014101	1.05E-03	1.47E-07	1.45	1.57E-01	3.36E-08	1,000,000	3.36E-02
139	2.39154	5.2602E-05	0.0001258	1.05E-03	1.31E-07	1.45	1.57E-01	3.00E-08	1,000,000	3.00E-02
140	3.42744	5.2602E-05	0.00018029	1.05E-03	1.88E-07	1.45	1.57E-01	4.29E-08	1,000,000	4.29E-02
141	3.00052	5.2602E-05	0.00015783	1.05E-03	1.65E-07	1.45	1.57E-01	3.76E-08	1,000,000	3.76E-02
142	2.65294	5.2602E-05	0.00013955	1.05E-03	1.46E-07	1.45	1.57E-01	3.32E-08	1,000,000	3.32E-02
143	2.36578	5.2602E-05	0.00012444	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
144	3.37141	5.2602E-05	0.00017734	1.05E-03	1.85E-07	1.45	1.57E-01	4.22E-08	1,000,000	4.22E-02
145	2.9557	5.2602E-05	0.00015548	1.05E-03	1.63E-07	1.45	1.57E-01	3.70E-08	1,000,000	3.70E-02
146	2.61646	5.2602E-05	0.00013763	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
147	2.33564	5.2602E-05	0.00012286	1.05E-03	1.28E-07	1.45	1.57E-01	2.93E-08	1,000,000	2.93E-02
148	3.28504	5.2602E-05	0.0001728	1.05E-03	1.81E-07	1.45	1.57E-01	4.12E-08	1,000,000	4.12E-02
149	2.88821	5.2602E-05	0.00015193	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
150	2.56254	5.2602E-05	0.00013479	1.05E-03	1.41E-07	1.45	1.57E-01	3.21E-08	1,000,000	3.21E-02
151	2.29176	5.2602E-05	0.00012055	1.05E-03	1.26E-07	1.45	1.57E-01	2.87E-08	1,000,000	2.87E-02
152	3.16411	5.2602E-05	0.00016644	1.05E-03	1.74E-07	1.45	1.57E-01	3.96E-08	1,000,000	3.96E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	0.00014708	1.05E-03	1.54E-07	1.45	1.57E-01	3.50E-08	1,000,000	3.50E-02
154	2.49057	5.2602E-05	0.00013101	1.05E-03	1.37E-07	1.45	1.57E-01	3.12E-08	1,000,000	3.12E-02
155	2.23421	5.2602E-05	0.00011752	1.05E-03	1.23E-07	1.45	1.57E-01	2.80E-08	1,000,000	2.80E-02
156	3.00074	5.2602E-05	0.00015785	1.05E-03	1.65E-07	1.45	1.57E-01	3.76E-08	1,000,000	3.76E-02
157	2.67432	5.2602E-05	0.00014067	1.05E-03	1.47E-07	1.45	1.57E-01	3.35E-08	1,000,000	3.35E-02
158	2.39747	5.2602E-05	0.00012611	1.05E-03	1.32E-07	1.45	1.57E-01	3.00E-08	1,000,000	3.00E-02
159	2.16138	5.2602E-05	0.00011369	1.05E-03	1.19E-07	1.45	1.57E-01	2.71E-08	1,000,000	2.71E-02
160	2.79134	5.2602E-05	0.00014683	1.05E-03	1.53E-07	1.45	1.57E-01	3.50E-08	1,000,000	3.50E-02
161	2.51735	5.2602E-05	0.00013242	1.05E-03	1.38E-07	1.45	1.57E-01	3.15E-08	1,000,000	3.15E-02
162	2.2782	5.2602E-05	0.00011984	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
163	2.0689	5.2602E-05	0.00010883	1.05E-03	1.14E-07	1.45	1.57E-01	2.59E-08	1,000,000	2.59E-02
164	2.54902	5.2602E-05	0.00013408	1.05E-03	1.40E-07	1.45	1.57E-01	3.19E-08	1,000,000	3.19E-02
165	2.32893	5.2602E-05	0.00012251	1.05E-03	1.28E-07	1.45	1.57E-01	2.92E-08	1,000,000	2.92E-02
166	2.12974	5.2602E-05	0.00011203	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
167	1.95301	5.2602E-05	0.00010273	1.05E-03	1.07E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
168	2.30211	5.2602E-05	0.0001211	1.05E-03	1.27E-07	1.45	1.57E-01	2.88E-08	1,000,000	2.88E-02
169	2.12568	5.2602E-05	0.00011182	1.05E-03	1.17E-07	1.45	1.57E-01	2.66E-08	1,000,000	2.66E-02
170	1.96459	5.2602E-05	0.00010334	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02
171	1.82039	5.2602E-05	9.5756E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
172	2.07862	5.2602E-05	0.00010934	1.05E-03	1.14E-07	1.45	1.57E-01	2.60E-08	1,000,000	2.60E-02
173	1.92992	5.2602E-05	0.00010152	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
174	1.79713	5.2602E-05	9.4533E-05	1.05E-03	9.88E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
175	1.6789	5.2602E-05	8.8314E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
176	1.89272	5.2602E-05	9.9561E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
177	1.75851	5.2602E-05	9.2501E-05	1.05E-03	9.67E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
178	1.6422	5.2602E-05	8.6383E-05	1.05E-03	9.03E-08	1.45	1.57E-01	2.06E-08	1,000,000	2.06E-02
179	1.54133	5.2602E-05	8.1077E-05	1.05E-03	8.47E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
180	1.74361	5.2602E-05	9.1717E-05	1.05E-03	9.59E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
181	1.61672	5.2602E-05	8.5043E-05	1.05E-03	8.89E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
182	1.5092	5.2602E-05	7.9387E-05	1.05E-03	8.30E-08	1.45	1.57E-01	1.89E-08	1,000,000	1.89E-02
183	1.41798	5.2602E-05	7.4589E-05	1.05E-03	7.80E-08	1.45	1.57E-01	1.78E-08	1,000,000	1.78E-02
184	2.4771	5.2602E-05	0.0001303	1.05E-03	1.36E-07	1.45	1.57E-01	3.10E-08	1,000,000	3.10E-02
185	2.01587	5.2602E-05	0.00010604	1.05E-03	1.11E-07	1.45	1.57E-01	2.53E-08	1,000,000	2.53E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.6894E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
187	1.69393	5.2602E-05	8.9104E-05	1.05E-03	9.31E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
188	1.568	5.2602E-05	8.248E-05	1.05E-03	8.62E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
189	2.0487	5.2602E-05	0.00010777	1.05E-03	1.13E-07	1.45	1.57E-01	2.57E-08	1,000,000	2.57E-02
190	1.87326	5.2602E-05	9.8537E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.35E-08	1,000,000	2.35E-02
191	1.71807	5.2602E-05	9.0374E-05	1.05E-03	9.45E-08	1.45	1.57E-01	2.15E-08	1,000,000	2.15E-02
192	1.58219	5.2602E-05	8.3226E-05	1.05E-03	8.70E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
193	1.46326	5.2602E-05	7.697E-05	1.05E-03	8.04E-08	1.45	1.57E-01	1.83E-08	1,000,000	1.83E-02
194	1.89537	5.2602E-05	9.97E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
195	1.7441	5.2602E-05	9.1743E-05	1.05E-03	9.59E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
196	1.60729	5.2602E-05	8.4547E-05	1.05E-03	8.84E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
197	1.48378	5.2602E-05	7.805E-05	1.05E-03	8.16E-08	1.45	1.57E-01	1.86E-08	1,000,000	1.86E-02
198	1.37542	5.2602E-05	7.235E-05	1.05E-03	7.56E-08	1.45	1.57E-01	1.72E-08	1,000,000	1.72E-02
199	1.75648	5.2602E-05	9.2394E-05	1.05E-03	9.66E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
200	1.62585	5.2602E-05	8.5523E-05	1.05E-03	8.94E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
201	1.50572	5.2602E-05	7.9204E-05	1.05E-03	8.28E-08	1.45	1.57E-01	1.89E-08	1,000,000	1.89E-02
202	1.39624	5.2602E-05	7.3445E-05	1.05E-03	7.68E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
203	1.29779	5.2602E-05	6.8266E-05	1.05E-03	7.14E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02
204	2.19334	5.2602E-05	0.00011537	1.05E-03	1.21E-07	1.45	1.57E-01	2.75E-08	1,000,000	2.75E-02
205	1.63062	5.2602E-05	8.5774E-05	1.05E-03	8.97E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
206	1.51741	5.2602E-05	7.9819E-05	1.05E-03	8.34E-08	1.45	1.57E-01	1.90E-08	1,000,000	1.90E-02
207	1.41165	5.2602E-05	7.4256E-05	1.05E-03	7.76E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
208	1.31556	5.2602E-05	6.9201E-05	1.05E-03	7.23E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
209	2.0009	5.2602E-05	0.00010525	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
210	1.86405	5.2602E-05	9.8053E-05	1.05E-03	1.02E-07	1.45	1.57E-01	2.34E-08	1,000,000	2.34E-02
211	1.7383	5.2602E-05	9.1438E-05	1.05E-03	9.56E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
212	1.62314	5.2602E-05	8.5381E-05	1.05E-03	8.92E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
213	1.51671	5.2602E-05	7.9782E-05	1.05E-03	8.34E-08	1.45	1.57E-01	1.90E-08	1,000,000	1.90E-02
214	1.4174	5.2602E-05	7.4558E-05	1.05E-03	7.79E-08	1.45	1.57E-01	1.78E-08	1,000,000	1.78E-02
215	1.32537	5.2602E-05	6.9717E-05	1.05E-03	7.29E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
216	1.9116	5.2602E-05	0.00010055	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
217	1.79592	5.2602E-05	9.4469E-05	1.05E-03	9.87E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
218	1.68552	5.2602E-05	8.8662E-05	1.05E-03	9.27E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.3328E-05	1.05E-03	8.71E-08	1.45	1.57E-01	1.98E-08	1,000,000	1.98E-02
220	1.48906	5.2602E-05	7.8328E-05	1.05E-03	8.19E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
221	1.40081	5.2602E-05	7.3685E-05	1.05E-03	7.70E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
222	1.753	5.2602E-05	9.2211E-05	1.05E-03	9.64E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
223	1.65213	5.2602E-05	8.6905E-05	1.05E-03	9.08E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
224	1.55691	5.2602E-05	8.1897E-05	1.05E-03	8.56E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
225	1.46829	5.2602E-05	7.7235E-05	1.05E-03	8.07E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
226	1.38443	5.2602E-05	7.2824E-05	1.05E-03	7.61E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
227	1.61407	5.2602E-05	8.4903E-05	1.05E-03	8.87E-08	1.45	1.57E-01	2.02E-08	1,000,000	2.02E-02
228	1.52589	5.2602E-05	8.0265E-05	1.05E-03	8.39E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
229	1.44307	5.2602E-05	7.5908E-05	1.05E-03	7.93E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
230	1.36411	5.2602E-05	7.1755E-05	1.05E-03	7.50E-08	1.45	1.57E-01	1.71E-08	1,000,000	1.71E-02
231	1.49154	5.2602E-05	7.8458E-05	1.05E-03	8.20E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
232	1.41491	5.2602E-05	7.4427E-05	1.05E-03	7.78E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
233	1.3418	5.2602E-05	7.0581E-05	1.05E-03	7.38E-08	1.45	1.57E-01	1.68E-08	1,000,000	1.68E-02
234	1.27204	5.2602E-05	6.6912E-05	1.05E-03	6.99E-08	1.45	1.57E-01	1.59E-08	1,000,000	1.59E-02
235	1.38378	5.2602E-05	7.279E-05	1.05E-03	7.61E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
236	1.31628	5.2602E-05	6.9239E-05	1.05E-03	7.24E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
237	1.251	5.2602E-05	6.5805E-05	1.05E-03	6.88E-08	1.45	1.57E-01	1.57E-08	1,000,000	1.57E-02
238	1.18953	5.2602E-05	6.2572E-05	1.05E-03	6.54E-08	1.45	1.57E-01	1.49E-08	1,000,000	1.49E-02
239	1.28812	5.2602E-05	6.7758E-05	1.05E-03	7.08E-08	1.45	1.57E-01	1.61E-08	1,000,000	1.61E-02
240	1.22807	5.2602E-05	6.4599E-05	1.05E-03	6.75E-08	1.45	1.57E-01	1.54E-08	1,000,000	1.54E-02
241	1.16985	5.2602E-05	6.1537E-05	1.05E-03	6.43E-08	1.45	1.57E-01	1.47E-08	1,000,000	1.47E-02
242	1.11522	5.2602E-05	5.8663E-05	1.05E-03	6.13E-08	1.45	1.57E-01	1.40E-08	1,000,000	1.40E-02
243	1.59373	5.2602E-05	8.3833E-05	1.05E-03	8.76E-08	1.45	1.57E-01	2.00E-08	1,000,000	2.00E-02
244	1.57332	5.2602E-05	8.276E-05	1.05E-03	8.65E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
245	1.54215	5.2602E-05	8.112E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
246	1.50156	5.2602E-05	7.8985E-05	1.05E-03	8.26E-08	1.45	1.57E-01	1.88E-08	1,000,000	1.88E-02
247	1.45282	5.2602E-05	7.6421E-05	1.05E-03	7.99E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
248	1.39917	5.2602E-05	7.3599E-05	1.05E-03	7.69E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
249	1.34208	5.2602E-05	7.0596E-05	1.05E-03	7.38E-08	1.45	1.57E-01	1.68E-08	1,000,000	1.68E-02
250	1.47969	5.2602E-05	7.7835E-05	1.05E-03	8.14E-08	1.45	1.57E-01	1.85E-08	1,000,000	1.85E-02
251	1.45948	5.2602E-05	7.6772E-05	1.05E-03	8.02E-08	1.45	1.57E-01	1.83E-08	1,000,000	1.83E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.5236E-05	1.05E-03	7.86E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
253	1.39323	5.2602E-05	7.3287E-05	1.05E-03	7.66E-08	1.45	1.57E-01	1.75E-08	1,000,000	1.75E-02
254	1.34937	5.2602E-05	7.098E-05	1.05E-03	7.42E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
255	1.30143	5.2602E-05	6.8458E-05	1.05E-03	7.16E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02
256	1.25003	5.2602E-05	6.5754E-05	1.05E-03	6.87E-08	1.45	1.57E-01	1.57E-08	1,000,000	1.57E-02
257	1.37783	5.2602E-05	7.2477E-05	1.05E-03	7.58E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
258	1.3581	5.2602E-05	7.1439E-05	1.05E-03	7.47E-08	1.45	1.57E-01	1.70E-08	1,000,000	1.70E-02
259	1.33081	5.2602E-05	7.0003E-05	1.05E-03	7.32E-08	1.45	1.57E-01	1.67E-08	1,000,000	1.67E-02
260	1.29696	5.2602E-05	6.8223E-05	1.05E-03	7.13E-08	1.45	1.57E-01	1.62E-08	1,000,000	1.62E-02
261	1.25737	5.2602E-05	6.614E-05	1.05E-03	6.91E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
262	1.21427	5.2602E-05	6.3873E-05	1.05E-03	6.68E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
263	1.16841	5.2602E-05	6.1461E-05	1.05E-03	6.42E-08	1.45	1.57E-01	1.46E-08	1,000,000	1.46E-02
264	1.28673	5.2602E-05	6.7685E-05	1.05E-03	7.07E-08	1.45	1.57E-01	1.61E-08	1,000,000	1.61E-02
265	1.26751	5.2602E-05	6.6674E-05	1.05E-03	6.97E-08	1.45	1.57E-01	1.59E-08	1,000,000	1.59E-02
266	1.24195	5.2602E-05	6.5329E-05	1.05E-03	6.83E-08	1.45	1.57E-01	1.56E-08	1,000,000	1.56E-02
267	1.21097	5.2602E-05	6.37E-05	1.05E-03	6.66E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
268	1.17551	5.2602E-05	6.1834E-05	1.05E-03	6.46E-08	1.45	1.57E-01	1.47E-08	1,000,000	1.47E-02
269	1.13653	5.2602E-05	5.9784E-05	1.05E-03	6.25E-08	1.45	1.57E-01	1.42E-08	1,000,000	1.42E-02
270	1.09525	5.2602E-05	5.7612E-05	1.05E-03	6.02E-08	1.45	1.57E-01	1.37E-08	1,000,000	1.37E-02
271	1.20452	5.2602E-05	6.336E-05	1.05E-03	6.62E-08	1.45	1.57E-01	1.51E-08	1,000,000	1.51E-02
272	1.18607	5.2602E-05	6.239E-05	1.05E-03	6.52E-08	1.45	1.57E-01	1.49E-08	1,000,000	1.49E-02
273	1.16224	5.2602E-05	6.1136E-05	1.05E-03	6.39E-08	1.45	1.57E-01	1.46E-08	1,000,000	1.46E-02
274	1.13379	5.2602E-05	5.964E-05	1.05E-03	6.23E-08	1.45	1.57E-01	1.42E-08	1,000,000	1.42E-02
275	1.10153	5.2602E-05	5.7943E-05	1.05E-03	6.06E-08	1.45	1.57E-01	1.38E-08	1,000,000	1.38E-02
276	1.06643	5.2602E-05	5.6096E-05	1.05E-03	5.86E-08	1.45	1.57E-01	1.34E-08	1,000,000	1.34E-02
277	1.02902	5.2602E-05	5.4129E-05	1.05E-03	5.66E-08	1.45	1.57E-01	1.29E-08	1,000,000	1.29E-02
278	1.03876	5.2602E-05	5.4641E-05	1.05E-03	5.71E-08	1.45	1.57E-01	1.30E-08	1,000,000	1.30E-02
279	1.07663	5.2602E-05	5.6633E-05	1.05E-03	5.92E-08	1.45	1.57E-01	1.35E-08	1,000,000	1.35E-02
280	1.17408	5.2602E-05	6.1759E-05	1.05E-03	6.46E-08	1.45	1.57E-01	1.47E-08	1,000,000	1.47E-02
281	1.16082	5.2602E-05	6.1062E-05	1.05E-03	6.38E-08	1.45	1.57E-01	1.45E-08	1,000,000	1.45E-02
282	1.25617	5.2602E-05	6.6077E-05	1.05E-03	6.91E-08	1.45	1.57E-01	1.57E-08	1,000,000	1.57E-02
283	1.07579	5.2602E-05	5.6589E-05	1.05E-03	5.91E-08	1.45	1.57E-01	1.35E-08	1,000,000	1.35E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

					Cancer Risk From Idle 3 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	6.68095	5.2602E-05	0.00035143	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	7.39421	5.2602E-05	0.00038895	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	8.19748	5.2602E-05	0.0004312	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	9.09062	5.2602E-05	0.00047819	1.05E-03	5.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	10.07053	5.2602E-05	0.00052973	1.05E-03	5.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	11.14532	5.2602E-05	0.00058627	1.05E-03	6.13E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	12.34499	5.2602E-05	0.00064937	1.05E-03	6.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	13.68964	5.2602E-05	0.0007201	1.05E-03	7.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	15.11877	5.2602E-05	0.00079528	1.05E-03	8.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	16.47438	5.2602E-05	0.00086659	1.05E-03	9.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	17.56348	5.2602E-05	0.00092388	1.05E-03	9.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	7.33532	5.2602E-05	0.00038585	1.05E-03	4.03E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	8.19335	5.2602E-05	0.00043099	1.05E-03	4.50E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	9.17792	5.2602E-05	0.00048278	1.05E-03	5.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	10.29551	5.2602E-05	0.00054157	1.05E-03	5.66E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	11.54408	5.2602E-05	0.00060724	1.05E-03	6.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	12.92806	5.2602E-05	0.00068004	1.05E-03	7.11E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	14.48306	5.2602E-05	0.00076184	1.05E-03	7.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	16.24582	5.2602E-05	0.00085456	1.05E-03	8.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	18.13862	5.2602E-05	0.00095413	1.05E-03	9.97E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	19.91889	5.2602E-05	0.00104777	1.05E-03	1.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	21.2838	5.2602E-05	0.00111957	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	8.07307	5.2602E-05	0.00042466	1.05E-03	4.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	9.11208	5.2602E-05	0.00047931	1.05E-03	5.01E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	10.32894	5.2602E-05	0.00054332	1.05E-03	5.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	11.74421	5.2602E-05	0.00061777	1.05E-03	6.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	13.36438	5.2602E-05	0.00070299	1.05E-03	7.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	15.19114	5.2602E-05	0.00079909	1.05E-03	8.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	17.26309	5.2602E-05	0.00090807	1.05E-03	9.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	19.6427	5.2602E-05	0.00103325	1.05E-03	1.08E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	22.23112	5.2602E-05	0.0011694	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	24.6377	5.2602E-05	0.00129599	1.05E-03	1.35E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	0.00138658	1.05E-03	1.45E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	8.89859	5.2602E-05	0.00046808	1.05E-03	4.89E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	10.16559	5.2602E-05	0.00053473	1.05E-03	5.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	11.68245	5.2602E-05	0.00061452	1.05E-03	6.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	13.49584	5.2602E-05	0.00070991	1.05E-03	7.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	15.63761	5.2602E-05	0.00082257	1.05E-03	8.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	18.11715	5.2602E-05	0.000953	1.05E-03	9.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	20.97272	5.2602E-05	0.00110321	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	24.30398	5.2602E-05	0.00127844	1.05E-03	1.34E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	27.98824	5.2602E-05	0.00147224	1.05E-03	1.54E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	31.35793	5.2602E-05	0.00164949	1.05E-03	1.72E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	33.5195	5.2602E-05	0.00176319	1.05E-03	1.84E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	9.807	5.2602E-05	0.00051587	1.05E-03	5.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	11.36228	5.2602E-05	0.00059768	1.05E-03	6.25E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	13.26991	5.2602E-05	0.00069802	1.05E-03	7.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	15.62062	5.2602E-05	0.00082168	1.05E-03	8.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	18.50419	5.2602E-05	0.00097336	1.05E-03	1.02E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	21.97421	5.2602E-05	0.00115589	1.05E-03	1.21E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	26.07644	5.2602E-05	0.00137167	1.05E-03	1.43E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	30.96045	5.2602E-05	0.00162858	1.05E-03	1.70E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	36.48166	5.2602E-05	0.00191901	1.05E-03	2.01E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	41.4091	5.2602E-05	0.0021782	1.05E-03	2.28E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	44.01193	5.2602E-05	0.00231512	1.05E-03	2.42E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	10.77626	5.2602E-05	0.00056685	1.05E-03	5.92E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	12.69099	5.2602E-05	0.00066757	1.05E-03	6.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	15.10855	5.2602E-05	0.00079474	1.05E-03	8.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	18.19154	5.2602E-05	0.00095691	1.05E-03	1.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	22.14291	5.2602E-05	0.00116476	1.05E-03	1.22E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	27.15516	5.2602E-05	0.00142842	1.05E-03	1.49E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	33.35361	5.2602E-05	0.00175447	1.05E-03	1.83E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	40.9628	5.2602E-05	0.00215473	1.05E-03	2.25E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	49.82536	5.2602E-05	0.00262092	1.05E-03	2.74E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	57.42761	5.2602E-05	0.00302081	1.05E-03	3.16E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

Cancer Risk From Idle 3 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	0.00315843	1.05E-03	3.30E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	11.76246	5.2602E-05	0.00061873	1.05E-03	6.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	14.10394	5.2602E-05	0.0007419	1.05E-03	7.75E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	17.17037	5.2602E-05	0.0009032	1.05E-03	9.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	21.24938	5.2602E-05	0.00111776	1.05E-03	1.17E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	26.75425	5.2602E-05	0.00140733	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	34.22216	5.2602E-05	0.00180016	1.05E-03	1.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	44.15774	5.2602E-05	0.00232279	1.05E-03	2.43E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	57.03012	5.2602E-05	0.0029999	1.05E-03	3.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	72.6934	5.2602E-05	0.00382382	1.05E-03	4.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	85.20727	5.2602E-05	0.00448208	1.05E-03	4.68E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	85.47702	5.2602E-05	0.00449627	1.05E-03	4.70E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	23.89039	5.2602E-05	0.00125668	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	31.05291	5.2602E-05	0.00163345	1.05E-03	1.71E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	42.95874	5.2602E-05	0.00225972	1.05E-03	2.36E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	59.0771	5.2602E-05	0.00310758	1.05E-03	3.25E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	85.24166	5.2602E-05	0.00448389	1.05E-03	4.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	117.2212	5.2602E-05	0.00616608	1.05E-03	6.44E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	139.1875	5.2602E-05	0.00732155	1.05E-03	7.65E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	125.9598	5.2602E-05	0.00662574	1.05E-03	6.93E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	18.94091	5.2602E-05	0.00099633	1.05E-03	1.04E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	14.93328	5.2602E-05	0.00078552	1.05E-03	8.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	5.26E-05	2.40E-05	6.05E-04	1.45E-08	14	4.71E-02	9.58E-09	1,000,000	9.6E-03
2	0.48248	5.2602E-05	2.54E-05	6.05E-04	1.54E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
3	0.51192	5.2602E-05	2.69E-05	6.05E-04	1.63E-08	14	4.71E-02	1.08E-08	1,000,000	1.08E-02
4	0.54396	5.2602E-05	2.86E-05	6.05E-04	1.73E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
5	0.58001	5.2602E-05	3.05E-05	6.05E-04	1.85E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
6	0.45354	5.2602E-05	2.39E-05	6.05E-04	1.44E-08	14	4.71E-02	9.53E-09	1,000,000	9.53E-03
7	0.47961	5.2602E-05	2.52E-05	6.05E-04	1.53E-08	14	4.71E-02	1.01E-08	1,000,000	1.01E-02
8	0.50863	5.2602E-05	2.68E-05	6.05E-04	1.62E-08	14	4.71E-02	1.07E-08	1,000,000	1.07E-02
9	0.54157	5.2602E-05	2.85E-05	6.05E-04	1.72E-08	14	4.71E-02	1.14E-08	1,000,000	1.14E-02
10	0.57764	5.2602E-05	3.04E-05	6.05E-04	1.84E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
11	0.45065	5.2602E-05	2.37E-05	6.05E-04	1.43E-08	14	4.71E-02	9.47E-09	1,000,000	9.47E-03
12	0.47684	5.2602E-05	2.51E-05	6.05E-04	1.52E-08	14	4.71E-02	1.00E-08	1,000,000	1.00E-02
13	0.5061	5.2602E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
14	0.5394	5.2602E-05	2.84E-05	6.05E-04	1.72E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
15	0.57574	5.2602E-05	3.03E-05	6.05E-04	1.83E-08	14	4.71E-02	1.21E-08	1,000,000	1.21E-02
16	0.44811	5.2602E-05	2.36E-05	6.05E-04	1.43E-08	14	4.71E-02	9.41E-09	1,000,000	9.41E-03
17	0.47465	5.2602E-05	2.50E-05	6.05E-04	1.51E-08	14	4.71E-02	9.97E-09	1,000,000	9.97E-03
18	0.50398	5.2602E-05	2.65E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
19	0.53635	5.2602E-05	2.82E-05	6.05E-04	1.71E-08	14	4.71E-02	1.13E-08	1,000,000	1.13E-02
20	0.57312	5.2602E-05	3.01E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
21	0.44612	5.2602E-05	2.35E-05	6.05E-04	1.42E-08	14	4.71E-02	9.37E-09	1,000,000	9.37E-03
22	0.47271	5.2602E-05	2.49E-05	6.05E-04	1.50E-08	14	4.71E-02	9.93E-09	1,000,000	9.93E-03
23	0.50228	5.2602E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.06E-08	1,000,000	1.06E-02
24	0.535	5.2602E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
25	0.57105	5.2602E-05	3.00E-05	6.05E-04	1.82E-08	14	4.71E-02	1.20E-08	1,000,000	1.20E-02
113	3.11657	5.2602E-05	1.64E-04	6.05E-04	9.92E-08	14	4.71E-02	6.55E-08	1,000,000	6.55E-02
114	2.78362	5.2602E-05	1.46E-04	6.05E-04	8.86E-08	14	4.71E-02	5.85E-08	1,000,000	5.85E-02
115	2.49949	5.2602E-05	1.31E-04	6.05E-04	7.96E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
116	2.25599	5.2602E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
117	3.20449	5.2602E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.73E-08	1,000,000	6.73E-02
118	2.84805	5.2602E-05	1.50E-04	6.05E-04	9.06E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
119	2.54741	5.2602E-05	1.34E-04	6.05E-04	8.11E-08	14	4.71E-02	5.35E-08	1,000,000	5.35E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
121	3.2798	5.2602E-05	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
122	2.90271	5.2602E-05	1.53E-04	6.05E-04	9.24E-08	14	4.71E-02	6.10E-08	1,000,000	6.10E-02
123	2.58791	5.2602E-05	1.36E-04	6.05E-04	8.24E-08	14	4.71E-02	5.44E-08	1,000,000	5.44E-02
124	2.32281	5.2602E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
125	3.34237	5.2602E-05	1.76E-04	6.05E-04	1.06E-07	14	4.71E-02	7.02E-08	1,000,000	7.02E-02
126	2.94814	5.2602E-05	1.55E-04	6.05E-04	9.38E-08	14	4.71E-02	6.19E-08	1,000,000	6.19E-02
127	2.62177	5.2602E-05	1.38E-04	6.05E-04	8.34E-08	14	4.71E-02	5.51E-08	1,000,000	5.51E-02
128	2.34867	5.2602E-05	1.24E-04	6.05E-04	7.48E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
129	3.39312	5.2602E-05	1.78E-04	6.05E-04	1.08E-07	14	4.71E-02	7.13E-08	1,000,000	7.13E-02
130	2.98513	5.2602E-05	1.57E-04	6.05E-04	9.50E-08	14	4.71E-02	6.27E-08	1,000,000	6.27E-02
131	2.64935	5.2602E-05	1.39E-04	6.05E-04	8.43E-08	14	4.71E-02	5.57E-08	1,000,000	5.57E-02
132	2.36957	5.2602E-05	1.25E-04	6.05E-04	7.54E-08	14	4.71E-02	4.98E-08	1,000,000	4.98E-02
133	3.43208	5.2602E-05	1.81E-04	6.05E-04	1.09E-07	14	4.71E-02	7.21E-08	1,000,000	7.21E-02
134	3.01301	5.2602E-05	1.58E-04	6.05E-04	9.59E-08	14	4.71E-02	6.33E-08	1,000,000	6.33E-02
135	2.66953	5.2602E-05	1.40E-04	6.05E-04	8.50E-08	14	4.71E-02	5.61E-08	1,000,000	5.61E-02
136	2.38425	5.2602E-05	1.25E-04	6.05E-04	7.59E-08	14	4.71E-02	5.01E-08	1,000,000	5.01E-02
137	3.45706	5.2602E-05	1.82E-04	6.05E-04	1.10E-07	14	4.71E-02	7.26E-08	1,000,000	7.26E-02
138	2.68067	5.2602E-05	1.41E-04	6.05E-04	8.53E-08	14	4.71E-02	5.63E-08	1,000,000	5.63E-02
139	2.39154	5.2602E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
140	3.42744	5.2602E-05	1.80E-04	6.05E-04	1.09E-07	14	4.71E-02	7.20E-08	1,000,000	7.20E-02
141	3.00052	5.2602E-05	1.58E-04	6.05E-04	9.55E-08	14	4.71E-02	6.30E-08	1,000,000	6.30E-02
142	2.65294	5.2602E-05	1.40E-04	6.05E-04	8.44E-08	14	4.71E-02	5.57E-08	1,000,000	5.57E-02
143	2.36578	5.2602E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
144	3.37141	5.2602E-05	1.77E-04	6.05E-04	1.07E-07	14	4.71E-02	7.08E-08	1,000,000	7.08E-02
145	2.9557	5.2602E-05	1.55E-04	6.05E-04	9.41E-08	14	4.71E-02	6.21E-08	1,000,000	6.21E-02
146	2.61646	5.2602E-05	1.38E-04	6.05E-04	8.33E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
147	2.33564	5.2602E-05	1.23E-04	6.05E-04	7.43E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
148	3.28504	5.2602E-05	1.73E-04	6.05E-04	1.05E-07	14	4.71E-02	6.90E-08	1,000,000	6.90E-02
149	2.88821	5.2602E-05	1.52E-04	6.05E-04	9.19E-08	14	4.71E-02	6.07E-08	1,000,000	6.07E-02
150	2.56254	5.2602E-05	1.35E-04	6.05E-04	8.16E-08	14	4.71E-02	5.38E-08	1,000,000	5.38E-02
151	2.29176	5.2602E-05	1.21E-04	6.05E-04	7.29E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
152	3.16411	5.2602E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.65E-08	1,000,000	6.65E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	1.47E-04	6.05E-04	8.90E-08	14	4.71E-02	5.87E-08	1,000,000	5.87E-02
154	2.49057	5.2602E-05	1.31E-04	6.05E-04	7.93E-08	14	4.71E-02	5.23E-08	1,000,000	5.23E-02
155	2.23421	5.2602E-05	1.18E-04	6.05E-04	7.11E-08	14	4.71E-02	4.69E-08	1,000,000	4.69E-02
156	3.00074	5.2602E-05	1.58E-04	6.05E-04	9.55E-08	14	4.71E-02	6.30E-08	1,000,000	6.30E-02
157	2.67432	5.2602E-05	1.41E-04	6.05E-04	8.51E-08	14	4.71E-02	5.62E-08	1,000,000	5.62E-02
158	2.39747	5.2602E-05	1.26E-04	6.05E-04	7.63E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
159	2.16138	5.2602E-05	1.14E-04	6.05E-04	6.88E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
160	2.79134	5.2602E-05	1.47E-04	6.05E-04	8.88E-08	14	4.71E-02	5.86E-08	1,000,000	5.86E-02
161	2.51735	5.2602E-05	1.32E-04	6.05E-04	8.01E-08	14	4.71E-02	5.29E-08	1,000,000	5.29E-02
162	2.2782	5.2602E-05	1.20E-04	6.05E-04	7.25E-08	14	4.71E-02	4.79E-08	1,000,000	4.79E-02
163	2.0689	5.2602E-05	1.09E-04	6.05E-04	6.58E-08	14	4.71E-02	4.35E-08	1,000,000	4.35E-02
164	2.54902	5.2602E-05	1.34E-04	6.05E-04	8.11E-08	14	4.71E-02	5.35E-08	1,000,000	5.35E-02
165	2.32893	5.2602E-05	1.23E-04	6.05E-04	7.41E-08	14	4.71E-02	4.89E-08	1,000,000	4.89E-02
166	2.12974	5.2602E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
167	1.95301	5.2602E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
168	2.30211	5.2602E-05	1.21E-04	6.05E-04	7.33E-08	14	4.71E-02	4.84E-08	1,000,000	4.84E-02
169	2.12568	5.2602E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
170	1.96459	5.2602E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
171	1.82039	5.2602E-05	9.58E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
172	2.07862	5.2602E-05	1.09E-04	6.05E-04	6.62E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
173	1.92992	5.2602E-05	1.02E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
174	1.79713	5.2602E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
175	1.6789	5.2602E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
176	1.89272	5.2602E-05	9.96E-05	6.05E-04	6.02E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
177	1.75851	5.2602E-05	9.25E-05	6.05E-04	5.60E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
178	1.6422	5.2602E-05	8.64E-05	6.05E-04	5.23E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
179	1.54133	5.2602E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
180	1.74361	5.2602E-05	9.17E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
181	1.61672	5.2602E-05	8.50E-05	6.05E-04	5.15E-08	14	4.71E-02	3.40E-08	1,000,000	3.40E-02
182	1.5092	5.2602E-05	7.94E-05	6.05E-04	4.80E-08	14	4.71E-02	3.17E-08	1,000,000	3.17E-02
183	1.41798	5.2602E-05	7.46E-05	6.05E-04	4.51E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
184	2.4771	5.2602E-05	1.30E-04	6.05E-04	7.88E-08	14	4.71E-02	5.20E-08	1,000,000	5.20E-02
185	2.01587	5.2602E-05	1.06E-04	6.05E-04	6.42E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
187	1.69393	5.2602E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
188	1.568	5.2602E-05	8.25E-05	6.05E-04	4.99E-08	14	4.71E-02	3.29E-08	1,000,000	3.29E-02
189	2.0487	5.2602E-05	1.08E-04	6.05E-04	6.52E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
190	1.87326	5.2602E-05	9.85E-05	6.05E-04	5.96E-08	14	4.71E-02	3.94E-08	1,000,000	3.94E-02
191	1.71807	5.2602E-05	9.04E-05	6.05E-04	5.47E-08	14	4.71E-02	3.61E-08	1,000,000	3.61E-02
192	1.58219	5.2602E-05	8.32E-05	6.05E-04	5.04E-08	14	4.71E-02	3.32E-08	1,000,000	3.32E-02
193	1.46326	5.2602E-05	7.70E-05	6.05E-04	4.66E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02
194	1.89537	5.2602E-05	9.97E-05	6.05E-04	6.03E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
195	1.7441	5.2602E-05	9.17E-05	6.05E-04	5.55E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
196	1.60729	5.2602E-05	8.45E-05	6.05E-04	5.12E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
197	1.48378	5.2602E-05	7.80E-05	6.05E-04	4.72E-08	14	4.71E-02	3.12E-08	1,000,000	3.12E-02
198	1.37542	5.2602E-05	7.23E-05	6.05E-04	4.38E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
199	1.75648	5.2602E-05	9.24E-05	6.05E-04	5.59E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
200	1.62585	5.2602E-05	8.55E-05	6.05E-04	5.17E-08	14	4.71E-02	3.42E-08	1,000,000	3.42E-02
201	1.50572	5.2602E-05	7.92E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
202	1.39624	5.2602E-05	7.34E-05	6.05E-04	4.44E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
203	1.29779	5.2602E-05	6.83E-05	6.05E-04	4.13E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
204	2.19334	5.2602E-05	1.15E-04	6.05E-04	6.98E-08	14	4.71E-02	4.61E-08	1,000,000	4.61E-02
205	1.63062	5.2602E-05	8.58E-05	6.05E-04	5.19E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
206	1.51741	5.2602E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
207	1.41165	5.2602E-05	7.43E-05	6.05E-04	4.49E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
208	1.31556	5.2602E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.76E-08	1,000,000	2.76E-02
209	2.0009	5.2602E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
210	1.86405	5.2602E-05	9.81E-05	6.05E-04	5.93E-08	14	4.71E-02	3.92E-08	1,000,000	3.92E-02
211	1.7383	5.2602E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
212	1.62314	5.2602E-05	8.54E-05	6.05E-04	5.17E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
213	1.51671	5.2602E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
214	1.4174	5.2602E-05	7.46E-05	6.05E-04	4.51E-08	14	4.71E-02	2.98E-08	1,000,000	2.98E-02
215	1.32537	5.2602E-05	6.97E-05	6.05E-04	4.22E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
216	1.9116	5.2602E-05	1.01E-04	6.05E-04	6.08E-08	14	4.71E-02	4.02E-08	1,000,000	4.02E-02
217	1.79592	5.2602E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
218	1.68552	5.2602E-05	8.87E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.33E-05	6.05E-04	5.04E-08	14	4.71E-02	3.33E-08	1,000,000	3.33E-02
220	1.48906	5.2602E-05	7.83E-05	6.05E-04	4.74E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
221	1.40081	5.2602E-05	7.37E-05	6.05E-04	4.46E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
222	1.753	5.2602E-05	9.22E-05	6.05E-04	5.58E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
223	1.65213	5.2602E-05	8.69E-05	6.05E-04	5.26E-08	14	4.71E-02	3.47E-08	1,000,000	3.47E-02
224	1.55691	5.2602E-05	8.19E-05	6.05E-04	4.96E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
225	1.46829	5.2602E-05	7.72E-05	6.05E-04	4.67E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
226	1.38443	5.2602E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
227	1.61407	5.2602E-05	8.49E-05	6.05E-04	5.14E-08	14	4.71E-02	3.39E-08	1,000,000	3.39E-02
228	1.52589	5.2602E-05	8.03E-05	6.05E-04	4.86E-08	14	4.71E-02	3.21E-08	1,000,000	3.21E-02
229	1.44307	5.2602E-05	7.59E-05	6.05E-04	4.59E-08	14	4.71E-02	3.03E-08	1,000,000	3.03E-02
230	1.36411	5.2602E-05	7.18E-05	6.05E-04	4.34E-08	14	4.71E-02	2.87E-08	1,000,000	2.87E-02
231	1.49154	5.2602E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
232	1.41491	5.2602E-05	7.44E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
233	1.3418	5.2602E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
234	1.27204	5.2602E-05	6.69E-05	6.05E-04	4.05E-08	14	4.71E-02	2.67E-08	1,000,000	2.67E-02
235	1.38378	5.2602E-05	7.28E-05	6.05E-04	4.40E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
236	1.31628	5.2602E-05	6.92E-05	6.05E-04	4.19E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
237	1.251	5.2602E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
238	1.18953	5.2602E-05	6.26E-05	6.05E-04	3.79E-08	14	4.71E-02	2.50E-08	1,000,000	2.50E-02
239	1.28812	5.2602E-05	6.78E-05	6.05E-04	4.10E-08	14	4.71E-02	2.71E-08	1,000,000	2.71E-02
240	1.22807	5.2602E-05	6.46E-05	6.05E-04	3.91E-08	14	4.71E-02	2.58E-08	1,000,000	2.58E-02
241	1.16985	5.2602E-05	6.15E-05	6.05E-04	3.72E-08	14	4.71E-02	2.46E-08	1,000,000	2.46E-02
242	1.11522	5.2602E-05	5.87E-05	6.05E-04	3.55E-08	14	4.71E-02	2.34E-08	1,000,000	2.34E-02
243	1.59373	5.2602E-05	8.38E-05	6.05E-04	5.07E-08	14	4.71E-02	3.35E-08	1,000,000	3.35E-02
244	1.57332	5.2602E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.30E-08	1,000,000	3.30E-02
245	1.54215	5.2602E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
246	1.50156	5.2602E-05	7.90E-05	6.05E-04	4.78E-08	14	4.71E-02	3.15E-08	1,000,000	3.15E-02
247	1.45282	5.2602E-05	7.64E-05	6.05E-04	4.62E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
248	1.39917	5.2602E-05	7.36E-05	6.05E-04	4.45E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
249	1.34208	5.2602E-05	7.06E-05	6.05E-04	4.27E-08	14	4.71E-02	2.82E-08	1,000,000	2.82E-02
250	1.47969	5.2602E-05	7.78E-05	6.05E-04	4.71E-08	14	4.71E-02	3.11E-08	1,000,000	3.11E-02
251	1.45948	5.2602E-05	7.68E-05	6.05E-04	4.65E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.52E-05	6.05E-04	4.55E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
253	1.39323	5.2602E-05	7.33E-05	6.05E-04	4.43E-08	14	4.71E-02	2.93E-08	1,000,000	2.93E-02
254	1.34937	5.2602E-05	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
255	1.30143	5.2602E-05	6.85E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
256	1.25003	5.2602E-05	6.58E-05	6.05E-04	3.98E-08	14	4.71E-02	2.63E-08	1,000,000	2.63E-02
257	1.37783	5.2602E-05	7.25E-05	6.05E-04	4.39E-08	14	4.71E-02	2.89E-08	1,000,000	2.89E-02
258	1.3581	5.2602E-05	7.14E-05	6.05E-04	4.32E-08	14	4.71E-02	2.85E-08	1,000,000	2.85E-02
259	1.33081	5.2602E-05	7.00E-05	6.05E-04	4.24E-08	14	4.71E-02	2.80E-08	1,000,000	2.80E-02
260	1.29696	5.2602E-05	6.82E-05	6.05E-04	4.13E-08	14	4.71E-02	2.72E-08	1,000,000	2.72E-02
261	1.25737	5.2602E-05	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
262	1.21427	5.2602E-05	6.39E-05	6.05E-04	3.86E-08	14	4.71E-02	2.55E-08	1,000,000	2.55E-02
263	1.16841	5.2602E-05	6.15E-05	6.05E-04	3.72E-08	14	4.71E-02	2.45E-08	1,000,000	2.45E-02
264	1.28673	5.2602E-05	6.77E-05	6.05E-04	4.10E-08	14	4.71E-02	2.70E-08	1,000,000	2.70E-02
265	1.26751	5.2602E-05	6.67E-05	6.05E-04	4.03E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
266	1.24195	5.2602E-05	6.53E-05	6.05E-04	3.95E-08	14	4.71E-02	2.61E-08	1,000,000	2.61E-02
267	1.21097	5.2602E-05	6.37E-05	6.05E-04	3.85E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02
268	1.17551	5.2602E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
269	1.13653	5.2602E-05	5.98E-05	6.05E-04	3.62E-08	14	4.71E-02	2.39E-08	1,000,000	2.39E-02
270	1.09525	5.2602E-05	5.76E-05	6.05E-04	3.49E-08	14	4.71E-02	2.30E-08	1,000,000	2.30E-02
271	1.20452	5.2602E-05	6.34E-05	6.05E-04	3.83E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
272	1.18607	5.2602E-05	6.24E-05	6.05E-04	3.78E-08	14	4.71E-02	2.49E-08	1,000,000	2.49E-02
273	1.16224	5.2602E-05	6.11E-05	6.05E-04	3.70E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
274	1.13379	5.2602E-05	5.96E-05	6.05E-04	3.61E-08	14	4.71E-02	2.38E-08	1,000,000	2.38E-02
275	1.10153	5.2602E-05	5.79E-05	6.05E-04	3.51E-08	14	4.71E-02	2.31E-08	1,000,000	2.31E-02
276	1.06643	5.2602E-05	5.61E-05	6.05E-04	3.39E-08	14	4.71E-02	2.24E-08	1,000,000	2.24E-02
277	1.02902	5.2602E-05	5.41E-05	6.05E-04	3.28E-08	14	4.71E-02	2.16E-08	1,000,000	2.16E-02
278	1.03876	5.2602E-05	5.46E-05	6.05E-04	3.31E-08	14	4.71E-02	2.18E-08	1,000,000	2.18E-02
279	1.07663	5.2602E-05	5.66E-05	6.05E-04	3.43E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02
280	1.17408	5.2602E-05	6.18E-05	6.05E-04	3.74E-08	14	4.71E-02	2.47E-08	1,000,000	2.47E-02
281	1.16082	5.2602E-05	6.11E-05	6.05E-04	3.69E-08	14	4.71E-02	2.44E-08	1,000,000	2.44E-02
282	1.25617	5.2602E-05	6.61E-05	6.05E-04	4.00E-08	14	4.71E-02	2.64E-08	1,000,000	2.64E-02
283	1.07579	5.2602E-05	5.66E-05	6.05E-04	3.42E-08	14	4.71E-02	2.26E-08	1,000,000	2.26E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	6.68095	5.2602E-05	3.51E-04	6.05E-04	2.13E-07	10	4.71E-02	1.00E-07	1,000,000	1.00E-01
27	7.39421	5.2602E-05	3.89E-04	6.05E-04	2.35E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01
28	8.19748	5.2602E-05	4.31E-04	6.05E-04	2.61E-07	10	4.71E-02	1.23E-07	1,000,000	1.23E-01
29	9.09062	5.2602E-05	4.78E-04	6.05E-04	2.89E-07	10	4.71E-02	1.36E-07	1,000,000	1.36E-01
30	10.07053	5.2602E-05	5.30E-04	6.05E-04	3.21E-07	10	4.71E-02	1.51E-07	1,000,000	1.51E-01
31	11.14532	5.2602E-05	5.86E-04	6.05E-04	3.55E-07	10	4.71E-02	1.67E-07	1,000,000	1.67E-01
32	12.34499	5.2602E-05	6.49E-04	6.05E-04	3.93E-07	10	4.71E-02	1.85E-07	1,000,000	1.85E-01
33	13.68964	5.2602E-05	7.20E-04	6.05E-04	4.36E-07	10	4.71E-02	2.05E-07	1,000,000	2.05E-01
34	15.11877	5.2602E-05	7.95E-04	6.05E-04	4.81E-07	10	4.71E-02	2.27E-07	1,000,000	2.27E-01
35	16.47438	5.2602E-05	8.67E-04	6.05E-04	5.24E-07	10	4.71E-02	2.47E-07	1,000,000	2.47E-01
36	17.56348	5.2602E-05	9.24E-04	6.05E-04	5.59E-07	10	4.71E-02	2.64E-07	1,000,000	2.64E-01
37	7.33532	5.2602E-05	3.86E-04	6.05E-04	2.33E-07	10	4.71E-02	1.10E-07	1,000,000	1.10E-01
38	8.19335	5.2602E-05	4.31E-04	6.05E-04	2.61E-07	10	4.71E-02	1.23E-07	1,000,000	1.23E-01
39	9.17792	5.2602E-05	4.83E-04	6.05E-04	2.92E-07	10	4.71E-02	1.38E-07	1,000,000	1.38E-01
40	10.29551	5.2602E-05	5.42E-04	6.05E-04	3.28E-07	10	4.71E-02	1.54E-07	1,000,000	1.54E-01
41	11.54408	5.2602E-05	6.07E-04	6.05E-04	3.67E-07	10	4.71E-02	1.73E-07	1,000,000	1.73E-01
42	12.92806	5.2602E-05	6.80E-04	6.05E-04	4.11E-07	10	4.71E-02	1.94E-07	1,000,000	1.94E-01
43	14.48306	5.2602E-05	7.62E-04	6.05E-04	4.61E-07	10	4.71E-02	2.17E-07	1,000,000	2.17E-01
44	16.24582	5.2602E-05	8.55E-04	6.05E-04	5.17E-07	10	4.71E-02	2.44E-07	1,000,000	2.44E-01
45	18.13862	5.2602E-05	9.54E-04	6.05E-04	5.77E-07	10	4.71E-02	2.72E-07	1,000,000	2.72E-01
46	19.91889	5.2602E-05	1.05E-03	6.05E-04	6.34E-07	10	4.71E-02	2.99E-07	1,000,000	2.99E-01
47	21.2838	5.2602E-05	1.12E-03	6.05E-04	6.77E-07	10	4.71E-02	3.19E-07	1,000,000	3.19E-01
48	8.07307	5.2602E-05	4.25E-04	6.05E-04	2.57E-07	10	4.71E-02	1.21E-07	1,000,000	1.21E-01
49	9.11208	5.2602E-05	4.79E-04	6.05E-04	2.90E-07	10	4.71E-02	1.37E-07	1,000,000	1.37E-01
50	10.32894	5.2602E-05	5.43E-04	6.05E-04	3.29E-07	10	4.71E-02	1.55E-07	1,000,000	1.55E-01
51	11.74421	5.2602E-05	6.18E-04	6.05E-04	3.74E-07	10	4.71E-02	1.76E-07	1,000,000	1.76E-01
52	13.36438	5.2602E-05	7.03E-04	6.05E-04	4.25E-07	10	4.71E-02	2.01E-07	1,000,000	2.01E-01
53	15.19114	5.2602E-05	7.99E-04	6.05E-04	4.84E-07	10	4.71E-02	2.28E-07	1,000,000	2.28E-01
54	17.26309	5.2602E-05	9.08E-04	6.05E-04	5.49E-07	10	4.71E-02	2.59E-07	1,000,000	2.59E-01
55	19.6427	5.2602E-05	1.03E-03	6.05E-04	6.25E-07	10	4.71E-02	2.95E-07	1,000,000	2.95E-01
56	22.23112	5.2602E-05	1.17E-03	6.05E-04	7.08E-07	10	4.71E-02	3.34E-07	1,000,000	3.34E-01
57	24.6377	5.2602E-05	1.30E-03	6.05E-04	7.84E-07	10	4.71E-02	3.70E-07	1,000,000	3.70E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	1.39E-03	6.05E-04	8.39E-07	10	4.71E-02	3.96E-07	1,000,000	3.96E-01
59	8.89859	5.2602E-05	4.68E-04	6.05E-04	2.83E-07	10	4.71E-02	1.34E-07	1,000,000	1.34E-01
60	10.16559	5.2602E-05	5.35E-04	6.05E-04	3.24E-07	10	4.71E-02	1.53E-07	1,000,000	1.53E-01
61	11.68245	5.2602E-05	6.15E-04	6.05E-04	3.72E-07	10	4.71E-02	1.75E-07	1,000,000	1.75E-01
62	13.49584	5.2602E-05	7.10E-04	6.05E-04	4.30E-07	10	4.71E-02	2.02E-07	1,000,000	2.02E-01
63	15.63761	5.2602E-05	8.23E-04	6.05E-04	4.98E-07	10	4.71E-02	2.35E-07	1,000,000	2.35E-01
64	18.11715	5.2602E-05	9.53E-04	6.05E-04	5.77E-07	10	4.71E-02	2.72E-07	1,000,000	2.72E-01
65	20.97272	5.2602E-05	1.10E-03	6.05E-04	6.68E-07	10	4.71E-02	3.15E-07	1,000,000	3.15E-01
66	24.30398	5.2602E-05	1.28E-03	6.05E-04	7.74E-07	10	4.71E-02	3.65E-07	1,000,000	3.65E-01
67	27.98824	5.2602E-05	1.47E-03	6.05E-04	8.91E-07	10	4.71E-02	4.20E-07	1,000,000	4.20E-01
68	31.35793	5.2602E-05	1.65E-03	6.05E-04	9.98E-07	10	4.71E-02	4.71E-07	1,000,000	4.71E-01
69	33.5195	5.2602E-05	1.76E-03	6.05E-04	1.07E-06	10	4.71E-02	5.03E-07	1,000,000	5.03E-01
70	9.807	5.2602E-05	5.16E-04	6.05E-04	3.12E-07	10	4.71E-02	1.47E-07	1,000,000	1.47E-01
71	11.36228	5.2602E-05	5.98E-04	6.05E-04	3.62E-07	10	4.71E-02	1.70E-07	1,000,000	1.70E-01
72	13.26991	5.2602E-05	6.98E-04	6.05E-04	4.22E-07	10	4.71E-02	1.99E-07	1,000,000	1.99E-01
73	15.62062	5.2602E-05	8.22E-04	6.05E-04	4.97E-07	10	4.71E-02	2.34E-07	1,000,000	2.34E-01
74	18.50419	5.2602E-05	9.73E-04	6.05E-04	5.89E-07	10	4.71E-02	2.78E-07	1,000,000	2.78E-01
75	21.97421	5.2602E-05	1.16E-03	6.05E-04	6.99E-07	10	4.71E-02	3.30E-07	1,000,000	3.30E-01
76	26.07644	5.2602E-05	1.37E-03	6.05E-04	8.30E-07	10	4.71E-02	3.91E-07	1,000,000	3.91E-01
77	30.96045	5.2602E-05	1.63E-03	6.05E-04	9.85E-07	10	4.71E-02	4.65E-07	1,000,000	4.65E-01
78	36.48166	5.2602E-05	1.92E-03	6.05E-04	1.16E-06	10	4.71E-02	5.47E-07	1,000,000	5.47E-01
79	41.4091	5.2602E-05	2.18E-03	6.05E-04	1.32E-06	10	4.71E-02	6.21E-07	1,000,000	6.21E-01
80	44.01193	5.2602E-05	2.32E-03	6.05E-04	1.40E-06	10	4.71E-02	6.60E-07	1,000,000	6.60E-01
81	10.77626	5.2602E-05	5.67E-04	6.05E-04	3.43E-07	10	4.71E-02	1.62E-07	1,000,000	1.62E-01
82	12.69099	5.2602E-05	6.68E-04	6.05E-04	4.04E-07	10	4.71E-02	1.90E-07	1,000,000	1.90E-01
83	15.10855	5.2602E-05	7.95E-04	6.05E-04	4.81E-07	10	4.71E-02	2.27E-07	1,000,000	2.27E-01
84	18.19154	5.2602E-05	9.57E-04	6.05E-04	5.79E-07	10	4.71E-02	2.73E-07	1,000,000	2.73E-01
85	22.14291	5.2602E-05	1.16E-03	6.05E-04	7.05E-07	10	4.71E-02	3.32E-07	1,000,000	3.32E-01
86	27.15516	5.2602E-05	1.43E-03	6.05E-04	8.64E-07	10	4.71E-02	4.07E-07	1,000,000	4.07E-01
87	33.35361	5.2602E-05	1.75E-03	6.05E-04	1.06E-06	10	4.71E-02	5.00E-07	1,000,000	5.00E-01
88	40.9628	5.2602E-05	2.15E-03	6.05E-04	1.30E-06	10	4.71E-02	6.15E-07	1,000,000	6.15E-01
89	49.82536	5.2602E-05	2.62E-03	6.05E-04	1.59E-06	10	4.71E-02	7.48E-07	1,000,000	7.48E-01
90	57.42761	5.2602E-05	3.02E-03	6.05E-04	1.83E-06	10	4.71E-02	8.62E-07	1,000,000	8.62E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	3.16E-03	6.05E-04	1.91E-06	10	4.71E-02	9.01E-07	1,000,000	9.01E-01
92	11.76246	5.2602E-05	6.19E-04	6.05E-04	3.74E-07	10	4.71E-02	1.76E-07	1,000,000	1.76E-01
93	14.10394	5.2602E-05	7.42E-04	6.05E-04	4.49E-07	10	4.71E-02	2.12E-07	1,000,000	2.12E-01
94	17.17037	5.2602E-05	9.03E-04	6.05E-04	5.46E-07	10	4.71E-02	2.58E-07	1,000,000	2.58E-01
95	21.24938	5.2602E-05	1.12E-03	6.05E-04	6.76E-07	10	4.71E-02	3.19E-07	1,000,000	3.19E-01
96	26.75425	5.2602E-05	1.41E-03	6.05E-04	8.52E-07	10	4.71E-02	4.01E-07	1,000,000	4.01E-01
97	34.22216	5.2602E-05	1.80E-03	6.05E-04	1.09E-06	10	4.71E-02	5.13E-07	1,000,000	5.13E-01
98	44.15774	5.2602E-05	2.32E-03	6.05E-04	1.41E-06	10	4.71E-02	6.63E-07	1,000,000	6.63E-01
99	57.03012	5.2602E-05	3.00E-03	6.05E-04	1.82E-06	10	4.71E-02	8.56E-07	1,000,000	8.56E-01
100	72.6934	5.2602E-05	3.82E-03	6.05E-04	2.31E-06	10	4.71E-02	1.09E-06	1,000,000	1.09E+00
101	85.20727	5.2602E-05	4.48E-03	6.05E-04	2.71E-06	10	4.71E-02	1.28E-06	1,000,000	1.28E+00
102	85.47702	5.2602E-05	4.50E-03	6.05E-04	2.72E-06	10	4.71E-02	1.28E-06	1,000,000	1.28E+00
103	23.89039	5.2602E-05	1.26E-03	6.05E-04	7.60E-07	10	4.71E-02	3.58E-07	1,000,000	3.58E-01
104	31.05291	5.2602E-05	1.63E-03	6.05E-04	9.88E-07	10	4.71E-02	4.66E-07	1,000,000	4.66E-01
105	42.95874	5.2602E-05	2.26E-03	6.05E-04	1.37E-06	10	4.71E-02	6.45E-07	1,000,000	6.45E-01
106	59.0771	5.2602E-05	3.11E-03	6.05E-04	1.88E-06	10	4.71E-02	8.86E-07	1,000,000	8.86E-01
107	85.24166	5.2602E-05	4.48E-03	6.05E-04	2.71E-06	10	4.71E-02	1.28E-06	1,000,000	1.28E+00
108	117.2212	5.2602E-05	6.17E-03	6.05E-04	3.73E-06	10	4.71E-02	1.76E-06	1,000,000	1.76E+00
109	139.1875	5.2602E-05	7.32E-03	6.05E-04	4.43E-06	10	4.71E-02	2.09E-06	1,000,000	2.09E+00
110	125.9598	5.2602E-05	6.63E-03	6.05E-04	4.01E-06	10	4.71E-02	1.89E-06	1,000,000	1.89E+00
111	18.94091	5.2602E-05	9.96E-04	6.05E-04	6.03E-07	10	4.71E-02	2.84E-07	1,000,000	2.84E-01
112	14.93328	5.2602E-05	7.86E-04	6.05E-04	4.75E-07	10	4.71E-02	2.24E-07	1,000,000	2.24E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.45627	5.26E-05	2.40E-05	2.50E-04	6.01E-09	14	1.15E-02	9.65E-10	1000000.0	9.6E-04
2	0.48248	5.2602E-05	2.54E-05	2.50E-04	6.35E-09	14	1.15E-02	1.02E-09	1,000,000	1.02E-03
3	0.51192	5.2602E-05	2.69E-05	2.50E-04	6.74E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
4	0.54396	5.2602E-05	2.86E-05	2.50E-04	7.16E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
5	0.58001	5.2602E-05	3.05E-05	2.50E-04	7.64E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
6	0.45354	5.2602E-05	2.39E-05	2.50E-04	5.97E-09	14	1.15E-02	9.59E-10	1,000,000	9.59E-04
7	0.47961	5.2602E-05	2.52E-05	2.50E-04	6.31E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
8	0.50863	5.2602E-05	2.68E-05	2.50E-04	6.70E-09	14	1.15E-02	1.08E-09	1,000,000	1.08E-03
9	0.54157	5.2602E-05	2.85E-05	2.50E-04	7.13E-09	14	1.15E-02	1.15E-09	1,000,000	1.15E-03
10	0.57764	5.2602E-05	3.04E-05	2.50E-04	7.60E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
11	0.45065	5.2602E-05	2.37E-05	2.50E-04	5.93E-09	14	1.15E-02	9.53E-10	1,000,000	9.53E-04
12	0.47684	5.2602E-05	2.51E-05	2.50E-04	6.28E-09	14	1.15E-02	1.01E-09	1,000,000	1.01E-03
13	0.5061	5.2602E-05	2.66E-05	2.50E-04	6.66E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
14	0.5394	5.2602E-05	2.84E-05	2.50E-04	7.10E-09	14	1.15E-02	1.14E-09	1,000,000	1.14E-03
15	0.57574	5.2602E-05	3.03E-05	2.50E-04	7.58E-09	14	1.15E-02	1.22E-09	1,000,000	1.22E-03
16	0.44811	5.2602E-05	2.36E-05	2.50E-04	5.90E-09	14	1.15E-02	9.47E-10	1,000,000	9.47E-04
17	0.47465	5.2602E-05	2.50E-05	2.50E-04	6.25E-09	14	1.15E-02	1.00E-09	1,000,000	1.00E-03
18	0.50398	5.2602E-05	2.65E-05	2.50E-04	6.63E-09	14	1.15E-02	1.07E-09	1,000,000	1.07E-03
19	0.53635	5.2602E-05	2.82E-05	2.50E-04	7.06E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
20	0.57312	5.2602E-05	3.01E-05	2.50E-04	7.55E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
21	0.44612	5.2602E-05	2.35E-05	2.50E-04	5.87E-09	14	1.15E-02	9.43E-10	1,000,000	9.43E-04
22	0.47271	5.2602E-05	2.49E-05	2.50E-04	6.22E-09	14	1.15E-02	9.99E-10	1,000,000	9.99E-04
23	0.50228	5.2602E-05	2.64E-05	2.50E-04	6.61E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
24	0.535	5.2602E-05	2.81E-05	2.50E-04	7.04E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
25	0.57105	5.2602E-05	3.00E-05	2.50E-04	7.52E-09	14	1.15E-02	1.21E-09	1,000,000	1.21E-03
113	3.11657	5.2602E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.59E-09	1,000,000	6.59E-03
114	2.78362	5.2602E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.89E-09	1,000,000	5.89E-03
115	2.49949	5.2602E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
116	2.25599	5.2602E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
117	3.20449	5.2602E-05	1.69E-04	2.50E-04	4.22E-08	14	1.15E-02	6.78E-09	1,000,000	6.78E-03
118	2.84805	5.2602E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
119	2.54741	5.2602E-05	1.34E-04	2.50E-04	3.35E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.29216	5.2602E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
121	3.2798	5.2602E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.93E-09	1,000,000	6.93E-03
122	2.90271	5.2602E-05	1.53E-04	2.50E-04	3.82E-08	14	1.15E-02	6.14E-09	1,000,000	6.14E-03
123	2.58791	5.2602E-05	1.36E-04	2.50E-04	3.41E-08	14	1.15E-02	5.47E-09	1,000,000	5.47E-03
124	2.32281	5.2602E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
125	3.34237	5.2602E-05	1.76E-04	2.50E-04	4.40E-08	14	1.15E-02	7.07E-09	1,000,000	7.07E-03
126	2.94814	5.2602E-05	1.55E-04	2.50E-04	3.88E-08	14	1.15E-02	6.23E-09	1,000,000	6.23E-03
127	2.62177	5.2602E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
128	2.34867	5.2602E-05	1.24E-04	2.50E-04	3.09E-08	14	1.15E-02	4.97E-09	1,000,000	4.97E-03
129	3.39312	5.2602E-05	1.78E-04	2.50E-04	4.47E-08	14	1.15E-02	7.17E-09	1,000,000	7.17E-03
130	2.98513	5.2602E-05	1.57E-04	2.50E-04	3.93E-08	14	1.15E-02	6.31E-09	1,000,000	6.31E-03
131	2.64935	5.2602E-05	1.39E-04	2.50E-04	3.49E-08	14	1.15E-02	5.60E-09	1,000,000	5.60E-03
132	2.36957	5.2602E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.01E-09	1,000,000	5.01E-03
133	3.43208	5.2602E-05	1.81E-04	2.50E-04	4.52E-08	14	1.15E-02	7.26E-09	1,000,000	7.26E-03
134	3.01301	5.2602E-05	1.58E-04	2.50E-04	3.97E-08	14	1.15E-02	6.37E-09	1,000,000	6.37E-03
135	2.66953	5.2602E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
136	2.38425	5.2602E-05	1.25E-04	2.50E-04	3.14E-08	14	1.15E-02	5.04E-09	1,000,000	5.04E-03
137	3.45706	5.2602E-05	1.82E-04	2.50E-04	4.55E-08	14	1.15E-02	7.31E-09	1,000,000	7.31E-03
138	2.68067	5.2602E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.67E-09	1,000,000	5.67E-03
139	2.39154	5.2602E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
140	3.42744	5.2602E-05	1.80E-04	2.50E-04	4.51E-08	14	1.15E-02	7.25E-09	1,000,000	7.25E-03
141	3.00052	5.2602E-05	1.58E-04	2.50E-04	3.95E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
142	2.65294	5.2602E-05	1.40E-04	2.50E-04	3.49E-08	14	1.15E-02	5.61E-09	1,000,000	5.61E-03
143	2.36578	5.2602E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
144	3.37141	5.2602E-05	1.77E-04	2.50E-04	4.44E-08	14	1.15E-02	7.13E-09	1,000,000	7.13E-03
145	2.9557	5.2602E-05	1.55E-04	2.50E-04	3.89E-08	14	1.15E-02	6.25E-09	1,000,000	6.25E-03
146	2.61646	5.2602E-05	1.38E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03
147	2.33564	5.2602E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
148	3.28504	5.2602E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.95E-09	1,000,000	6.95E-03
149	2.88821	5.2602E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.11E-09	1,000,000	6.11E-03
150	2.56254	5.2602E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.42E-09	1,000,000	5.42E-03
151	2.29176	5.2602E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
152	3.16411	5.2602E-05	1.66E-04	2.50E-04	4.17E-08	14	1.15E-02	6.69E-09	1,000,000	6.69E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.79614	5.2602E-05	1.47E-04	2.50E-04	3.68E-08	14	1.15E-02	5.91E-09	1,000,000	5.91E-03
154	2.49057	5.2602E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.27E-09	1,000,000	5.27E-03
155	2.23421	5.2602E-05	1.18E-04	2.50E-04	2.94E-08	14	1.15E-02	4.72E-09	1,000,000	4.72E-03
156	3.00074	5.2602E-05	1.58E-04	2.50E-04	3.95E-08	14	1.15E-02	6.34E-09	1,000,000	6.34E-03
157	2.67432	5.2602E-05	1.41E-04	2.50E-04	3.52E-08	14	1.15E-02	5.65E-09	1,000,000	5.65E-03
158	2.39747	5.2602E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
159	2.16138	5.2602E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
160	2.79134	5.2602E-05	1.47E-04	2.50E-04	3.67E-08	14	1.15E-02	5.90E-09	1,000,000	5.90E-03
161	2.51735	5.2602E-05	1.32E-04	2.50E-04	3.31E-08	14	1.15E-02	5.32E-09	1,000,000	5.32E-03
162	2.2782	5.2602E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.82E-09	1,000,000	4.82E-03
163	2.0689	5.2602E-05	1.09E-04	2.50E-04	2.72E-08	14	1.15E-02	4.37E-09	1,000,000	4.37E-03
164	2.54902	5.2602E-05	1.34E-04	2.50E-04	3.36E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03
165	2.32893	5.2602E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.92E-09	1,000,000	4.92E-03
166	2.12974	5.2602E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
167	1.95301	5.2602E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
168	2.30211	5.2602E-05	1.21E-04	2.50E-04	3.03E-08	14	1.15E-02	4.87E-09	1,000,000	4.87E-03
169	2.12568	5.2602E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.49E-09	1,000,000	4.49E-03
170	1.96459	5.2602E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
171	1.82039	5.2602E-05	9.58E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
172	2.07862	5.2602E-05	1.09E-04	2.50E-04	2.74E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
173	1.92992	5.2602E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
174	1.79713	5.2602E-05	9.45E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
175	1.6789	5.2602E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
176	1.89272	5.2602E-05	9.96E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
177	1.75851	5.2602E-05	9.25E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
178	1.6422	5.2602E-05	8.64E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
179	1.54133	5.2602E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
180	1.74361	5.2602E-05	9.17E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
181	1.61672	5.2602E-05	8.50E-05	2.50E-04	2.13E-08	14	1.15E-02	3.42E-09	1,000,000	3.42E-03
182	1.5092	5.2602E-05	7.94E-05	2.50E-04	1.99E-08	14	1.15E-02	3.19E-09	1,000,000	3.19E-03
183	1.41798	5.2602E-05	7.46E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
184	2.4771	5.2602E-05	1.30E-04	2.50E-04	3.26E-08	14	1.15E-02	5.24E-09	1,000,000	5.24E-03
185	2.01587	5.2602E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.26E-09	1,000,000	4.26E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	1.84202	5.2602E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
187	1.69393	5.2602E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
188	1.568	5.2602E-05	8.25E-05	2.50E-04	2.06E-08	14	1.15E-02	3.32E-09	1,000,000	3.32E-03
189	2.0487	5.2602E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
190	1.87326	5.2602E-05	9.85E-05	2.50E-04	2.47E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
191	1.71807	5.2602E-05	9.04E-05	2.50E-04	2.26E-08	14	1.15E-02	3.63E-09	1,000,000	3.63E-03
192	1.58219	5.2602E-05	8.32E-05	2.50E-04	2.08E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
193	1.46326	5.2602E-05	7.70E-05	2.50E-04	1.93E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03
194	1.89537	5.2602E-05	9.97E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
195	1.7441	5.2602E-05	9.17E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
196	1.60729	5.2602E-05	8.45E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
197	1.48378	5.2602E-05	7.80E-05	2.50E-04	1.95E-08	14	1.15E-02	3.14E-09	1,000,000	3.14E-03
198	1.37542	5.2602E-05	7.23E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
199	1.75648	5.2602E-05	9.24E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
200	1.62585	5.2602E-05	8.55E-05	2.50E-04	2.14E-08	14	1.15E-02	3.44E-09	1,000,000	3.44E-03
201	1.50572	5.2602E-05	7.92E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
202	1.39624	5.2602E-05	7.34E-05	2.50E-04	1.84E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
203	1.29779	5.2602E-05	6.83E-05	2.50E-04	1.71E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
204	2.19334	5.2602E-05	1.15E-04	2.50E-04	2.89E-08	14	1.15E-02	4.64E-09	1,000,000	4.64E-03
205	1.63062	5.2602E-05	8.58E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
206	1.51741	5.2602E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
207	1.41165	5.2602E-05	7.43E-05	2.50E-04	1.86E-08	14	1.15E-02	2.98E-09	1,000,000	2.98E-03
208	1.31556	5.2602E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
209	2.0009	5.2602E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
210	1.86405	5.2602E-05	9.81E-05	2.50E-04	2.45E-08	14	1.15E-02	3.94E-09	1,000,000	3.94E-03
211	1.7383	5.2602E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
212	1.62314	5.2602E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
213	1.51671	5.2602E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
214	1.4174	5.2602E-05	7.46E-05	2.50E-04	1.87E-08	14	1.15E-02	3.00E-09	1,000,000	3.00E-03
215	1.32537	5.2602E-05	6.97E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
216	1.9116	5.2602E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
217	1.79592	5.2602E-05	9.45E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
218	1.68552	5.2602E-05	8.87E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.58412	5.2602E-05	8.33E-05	2.50E-04	2.09E-08	14	1.15E-02	3.35E-09	1,000,000	3.35E-03
220	1.48906	5.2602E-05	7.83E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
221	1.40081	5.2602E-05	7.37E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
222	1.753	5.2602E-05	9.22E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
223	1.65213	5.2602E-05	8.69E-05	2.50E-04	2.18E-08	14	1.15E-02	3.49E-09	1,000,000	3.49E-03
224	1.55691	5.2602E-05	8.19E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
225	1.46829	5.2602E-05	7.72E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
226	1.38443	5.2602E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
227	1.61407	5.2602E-05	8.49E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
228	1.52589	5.2602E-05	8.03E-05	2.50E-04	2.01E-08	14	1.15E-02	3.23E-09	1,000,000	3.23E-03
229	1.44307	5.2602E-05	7.59E-05	2.50E-04	1.90E-08	14	1.15E-02	3.05E-09	1,000,000	3.05E-03
230	1.36411	5.2602E-05	7.18E-05	2.50E-04	1.80E-08	14	1.15E-02	2.88E-09	1,000,000	2.88E-03
231	1.49154	5.2602E-05	7.85E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
232	1.41491	5.2602E-05	7.44E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
233	1.3418	5.2602E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
234	1.27204	5.2602E-05	6.69E-05	2.50E-04	1.67E-08	14	1.15E-02	2.69E-09	1,000,000	2.69E-03
235	1.38378	5.2602E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
236	1.31628	5.2602E-05	6.92E-05	2.50E-04	1.73E-08	14	1.15E-02	2.78E-09	1,000,000	2.78E-03
237	1.251	5.2602E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
238	1.18953	5.2602E-05	6.26E-05	2.50E-04	1.57E-08	14	1.15E-02	2.52E-09	1,000,000	2.52E-03
239	1.28812	5.2602E-05	6.78E-05	2.50E-04	1.70E-08	14	1.15E-02	2.72E-09	1,000,000	2.72E-03
240	1.22807	5.2602E-05	6.46E-05	2.50E-04	1.62E-08	14	1.15E-02	2.60E-09	1,000,000	2.60E-03
241	1.16985	5.2602E-05	6.15E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
242	1.11522	5.2602E-05	5.87E-05	2.50E-04	1.47E-08	14	1.15E-02	2.36E-09	1,000,000	2.36E-03
243	1.59373	5.2602E-05	8.38E-05	2.50E-04	2.10E-08	14	1.15E-02	3.37E-09	1,000,000	3.37E-03
244	1.57332	5.2602E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
245	1.54215	5.2602E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
246	1.50156	5.2602E-05	7.90E-05	2.50E-04	1.98E-08	14	1.15E-02	3.17E-09	1,000,000	3.17E-03
247	1.45282	5.2602E-05	7.64E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
248	1.39917	5.2602E-05	7.36E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
249	1.34208	5.2602E-05	7.06E-05	2.50E-04	1.77E-08	14	1.15E-02	2.84E-09	1,000,000	2.84E-03
250	1.47969	5.2602E-05	7.78E-05	2.50E-04	1.95E-08	14	1.15E-02	3.13E-09	1,000,000	3.13E-03
251	1.45948	5.2602E-05	7.68E-05	2.50E-04	1.92E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.43028	5.2602E-05	7.52E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
253	1.39323	5.2602E-05	7.33E-05	2.50E-04	1.83E-08	14	1.15E-02	2.95E-09	1,000,000	2.95E-03
254	1.34937	5.2602E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
255	1.30143	5.2602E-05	6.85E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
256	1.25003	5.2602E-05	6.58E-05	2.50E-04	1.65E-08	14	1.15E-02	2.64E-09	1,000,000	2.64E-03
257	1.37783	5.2602E-05	7.25E-05	2.50E-04	1.81E-08	14	1.15E-02	2.91E-09	1,000,000	2.91E-03
258	1.3581	5.2602E-05	7.14E-05	2.50E-04	1.79E-08	14	1.15E-02	2.87E-09	1,000,000	2.87E-03
259	1.33081	5.2602E-05	7.00E-05	2.50E-04	1.75E-08	14	1.15E-02	2.81E-09	1,000,000	2.81E-03
260	1.29696	5.2602E-05	6.82E-05	2.50E-04	1.71E-08	14	1.15E-02	2.74E-09	1,000,000	2.74E-03
261	1.25737	5.2602E-05	6.61E-05	2.50E-04	1.66E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
262	1.21427	5.2602E-05	6.39E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
263	1.16841	5.2602E-05	6.15E-05	2.50E-04	1.54E-08	14	1.15E-02	2.47E-09	1,000,000	2.47E-03
264	1.28673	5.2602E-05	6.77E-05	2.50E-04	1.69E-08	14	1.15E-02	2.72E-09	1,000,000	2.72E-03
265	1.26751	5.2602E-05	6.67E-05	2.50E-04	1.67E-08	14	1.15E-02	2.68E-09	1,000,000	2.68E-03
266	1.24195	5.2602E-05	6.53E-05	2.50E-04	1.64E-08	14	1.15E-02	2.63E-09	1,000,000	2.63E-03
267	1.21097	5.2602E-05	6.37E-05	2.50E-04	1.59E-08	14	1.15E-02	2.56E-09	1,000,000	2.56E-03
268	1.17551	5.2602E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.49E-09	1,000,000	2.49E-03
269	1.13653	5.2602E-05	5.98E-05	2.50E-04	1.50E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
270	1.09525	5.2602E-05	5.76E-05	2.50E-04	1.44E-08	14	1.15E-02	2.32E-09	1,000,000	2.32E-03
271	1.20452	5.2602E-05	6.34E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
272	1.18607	5.2602E-05	6.24E-05	2.50E-04	1.56E-08	14	1.15E-02	2.51E-09	1,000,000	2.51E-03
273	1.16224	5.2602E-05	6.11E-05	2.50E-04	1.53E-08	14	1.15E-02	2.46E-09	1,000,000	2.46E-03
274	1.13379	5.2602E-05	5.96E-05	2.50E-04	1.49E-08	14	1.15E-02	2.40E-09	1,000,000	2.40E-03
275	1.10153	5.2602E-05	5.79E-05	2.50E-04	1.45E-08	14	1.15E-02	2.33E-09	1,000,000	2.33E-03
276	1.06643	5.2602E-05	5.61E-05	2.50E-04	1.40E-08	14	1.15E-02	2.25E-09	1,000,000	2.25E-03
277	1.02902	5.2602E-05	5.41E-05	2.50E-04	1.35E-08	14	1.15E-02	2.18E-09	1,000,000	2.18E-03
278	1.03876	5.2602E-05	5.46E-05	2.50E-04	1.37E-08	14	1.15E-02	2.20E-09	1,000,000	2.20E-03
279	1.07663	5.2602E-05	5.66E-05	2.50E-04	1.42E-08	14	1.15E-02	2.28E-09	1,000,000	2.28E-03
280	1.17408	5.2602E-05	6.18E-05	2.50E-04	1.55E-08	14	1.15E-02	2.48E-09	1,000,000	2.48E-03
281	1.16082	5.2602E-05	6.11E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
282	1.25617	5.2602E-05	6.61E-05	2.50E-04	1.65E-08	14	1.15E-02	2.66E-09	1,000,000	2.66E-03
283	1.07579	5.2602E-05	5.66E-05	2.50E-04	1.42E-08	14	1.15E-02	2.27E-09	1,000,000	2.27E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
						School Recepors				
26	6.68095	5.2602E-05	3.51E-04	2.50E-04	8.80E-08	30	1.15E-02	3.03E-08	1,000,000	3.03E-02
27	7.39421	5.2602E-05	3.89E-04	2.50E-04	9.73E-08	30	1.15E-02	3.35E-08	1,000,000	3.35E-02
28	8.19748	5.2602E-05	4.31E-04	2.50E-04	1.08E-07	30	1.15E-02	3.71E-08	1,000,000	3.71E-02
29	9.09062	5.2602E-05	4.78E-04	2.50E-04	1.20E-07	30	1.15E-02	4.12E-08	1,000,000	4.12E-02
30	10.07053	5.2602E-05	5.30E-04	2.50E-04	1.33E-07	30	1.15E-02	4.56E-08	1,000,000	4.56E-02
31	11.14532	5.2602E-05	5.86E-04	2.50E-04	1.47E-07	30	1.15E-02	5.05E-08	1,000,000	5.05E-02
32	12.34499	5.2602E-05	6.49E-04	2.50E-04	1.63E-07	30	1.15E-02	5.59E-08	1,000,000	5.59E-02
33	13.68964	5.2602E-05	7.20E-04	2.50E-04	1.80E-07	30	1.15E-02	6.20E-08	1,000,000	6.20E-02
34	15.11877	5.2602E-05	7.95E-04	2.50E-04	1.99E-07	30	1.15E-02	6.85E-08	1,000,000	6.85E-02
35	16.47438	5.2602E-05	8.67E-04	2.50E-04	2.17E-07	30	1.15E-02	7.46E-08	1,000,000	7.46E-02
36	17.56348	5.2602E-05	9.24E-04	2.50E-04	2.31E-07	30	1.15E-02	7.96E-08	1,000,000	7.96E-02
37	7.33532	5.2602E-05	3.86E-04	2.50E-04	9.66E-08	30	1.15E-02	3.32E-08	1,000,000	3.32E-02
38	8.19335	5.2602E-05	4.31E-04	2.50E-04	1.08E-07	30	1.15E-02	3.71E-08	1,000,000	3.71E-02
39	9.17792	5.2602E-05	4.83E-04	2.50E-04	1.21E-07	30	1.15E-02	4.16E-08	1,000,000	4.16E-02
40	10.29551	5.2602E-05	5.42E-04	2.50E-04	1.36E-07	30	1.15E-02	4.66E-08	1,000,000	4.66E-02
41	11.54408	5.2602E-05	6.07E-04	2.50E-04	1.52E-07	30	1.15E-02	5.23E-08	1,000,000	5.23E-02
42	12.92806	5.2602E-05	6.80E-04	2.50E-04	1.70E-07	30	1.15E-02	5.86E-08	1,000,000	5.86E-02
43	14.48306	5.2602E-05	7.62E-04	2.50E-04	1.91E-07	30	1.15E-02	6.56E-08	1,000,000	6.56E-02
44	16.24582	5.2602E-05	8.55E-04	2.50E-04	2.14E-07	30	1.15E-02	7.36E-08	1,000,000	7.36E-02
45	18.13862	5.2602E-05	9.54E-04	2.50E-04	2.39E-07	30	1.15E-02	8.22E-08	1,000,000	8.22E-02
46	19.91889	5.2602E-05	1.05E-03	2.50E-04	2.62E-07	30	1.15E-02	9.02E-08	1,000,000	9.02E-02
47	21.2838	5.2602E-05	1.12E-03	2.50E-04	2.80E-07	30	1.15E-02	9.64E-08	1,000,000	9.64E-02
48	8.07307	5.2602E-05	4.25E-04	2.50E-04	1.06E-07	30	1.15E-02	3.66E-08	1,000,000	3.66E-02
49	9.11208	5.2602E-05	4.79E-04	2.50E-04	1.20E-07	30	1.15E-02	4.13E-08	1,000,000	4.13E-02
50	10.32894	5.2602E-05	5.43E-04	2.50E-04	1.36E-07	30	1.15E-02	4.68E-08	1,000,000	4.68E-02
51	11.74421	5.2602E-05	6.18E-04	2.50E-04	1.55E-07	30	1.15E-02	5.32E-08	1,000,000	5.32E-02
52	13.36438	5.2602E-05	7.03E-04	2.50E-04	1.76E-07	30	1.15E-02	6.05E-08	1,000,000	6.05E-02
53	15.19114	5.2602E-05	7.99E-04	2.50E-04	2.00E-07	30	1.15E-02	6.88E-08	1,000,000	6.88E-02
54	17.26309	5.2602E-05	9.08E-04	2.50E-04	2.27E-07	30	1.15E-02	7.82E-08	1,000,000	7.82E-02
55	19.6427	5.2602E-05	1.03E-03	2.50E-04	2.59E-07	30	1.15E-02	8.90E-08	1,000,000	8.90E-02
56	22.23112	5.2602E-05	1.17E-03	2.50E-04	2.93E-07	30	1.15E-02	1.01E-07	1,000,000	1.01E-01
57	24.6377	5.2602E-05	1.30E-03	2.50E-04	3.24E-07	30	1.15E-02	1.12E-07	1,000,000	1.12E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	26.35988	5.2602E-05	1.39E-03	2.50E-04	3.47E-07	30	1.15E-02	1.19E-07	1,000,000	1.19E-01
59	8.89859	5.2602E-05	4.68E-04	2.50E-04	1.17E-07	30	1.15E-02	4.03E-08	1,000,000	4.03E-02
60	10.16559	5.2602E-05	5.35E-04	2.50E-04	1.34E-07	30	1.15E-02	4.61E-08	1,000,000	4.61E-02
61	11.68245	5.2602E-05	6.15E-04	2.50E-04	1.54E-07	30	1.15E-02	5.29E-08	1,000,000	5.29E-02
62	13.49584	5.2602E-05	7.10E-04	2.50E-04	1.78E-07	30	1.15E-02	6.11E-08	1,000,000	6.11E-02
63	15.63761	5.2602E-05	8.23E-04	2.50E-04	2.06E-07	30	1.15E-02	7.08E-08	1,000,000	7.08E-02
64	18.11715	5.2602E-05	9.53E-04	2.50E-04	2.39E-07	30	1.15E-02	8.21E-08	1,000,000	8.21E-02
65	20.97272	5.2602E-05	1.10E-03	2.50E-04	2.76E-07	30	1.15E-02	9.50E-08	1,000,000	9.50E-02
66	24.30398	5.2602E-05	1.28E-03	2.50E-04	3.20E-07	30	1.15E-02	1.10E-07	1,000,000	1.10E-01
67	27.98824	5.2602E-05	1.47E-03	2.50E-04	3.68E-07	30	1.15E-02	1.27E-07	1,000,000	1.27E-01
68	31.35793	5.2602E-05	1.65E-03	2.50E-04	4.13E-07	30	1.15E-02	1.42E-07	1,000,000	1.42E-01
69	33.5195	5.2602E-05	1.76E-03	2.50E-04	4.41E-07	30	1.15E-02	1.52E-07	1,000,000	1.52E-01
70	9.807	5.2602E-05	5.16E-04	2.50E-04	1.29E-07	30	1.15E-02	4.44E-08	1,000,000	4.44E-02
71	11.36228	5.2602E-05	5.98E-04	2.50E-04	1.50E-07	30	1.15E-02	5.15E-08	1,000,000	5.15E-02
72	13.26991	5.2602E-05	6.98E-04	2.50E-04	1.75E-07	30	1.15E-02	6.01E-08	1,000,000	6.01E-02
73	15.62062	5.2602E-05	8.22E-04	2.50E-04	2.06E-07	30	1.15E-02	7.08E-08	1,000,000	7.08E-02
74	18.50419	5.2602E-05	9.73E-04	2.50E-04	2.44E-07	30	1.15E-02	8.38E-08	1,000,000	8.38E-02
75	21.97421	5.2602E-05	1.16E-03	2.50E-04	2.89E-07	30	1.15E-02	9.96E-08	1,000,000	9.96E-02
76	26.07644	5.2602E-05	1.37E-03	2.50E-04	3.43E-07	30	1.15E-02	1.18E-07	1,000,000	1.18E-01
77	30.96045	5.2602E-05	1.63E-03	2.50E-04	4.08E-07	30	1.15E-02	1.40E-07	1,000,000	1.40E-01
78	36.48166	5.2602E-05	1.92E-03	2.50E-04	4.80E-07	30	1.15E-02	1.65E-07	1,000,000	1.65E-01
79	41.4091	5.2602E-05	2.18E-03	2.50E-04	5.45E-07	30	1.15E-02	1.88E-07	1,000,000	1.88E-01
80	44.01193	5.2602E-05	2.32E-03	2.50E-04	5.79E-07	30	1.15E-02	1.99E-07	1,000,000	1.99E-01
81	10.77626	5.2602E-05	5.67E-04	2.50E-04	1.42E-07	30	1.15E-02	4.88E-08	1,000,000	4.88E-02
82	12.69099	5.2602E-05	6.68E-04	2.50E-04	1.67E-07	30	1.15E-02	5.75E-08	1,000,000	5.75E-02
83	15.10855	5.2602E-05	7.95E-04	2.50E-04	1.99E-07	30	1.15E-02	6.85E-08	1,000,000	6.85E-02
84	18.19154	5.2602E-05	9.57E-04	2.50E-04	2.39E-07	30	1.15E-02	8.24E-08	1,000,000	8.24E-02
85	22.14291	5.2602E-05	1.16E-03	2.50E-04	2.92E-07	30	1.15E-02	1.00E-07	1,000,000	1.00E-01
86	27.15516	5.2602E-05	1.43E-03	2.50E-04	3.57E-07	30	1.15E-02	1.23E-07	1,000,000	1.23E-01
87	33.35361	5.2602E-05	1.75E-03	2.50E-04	4.39E-07	30	1.15E-02	1.51E-07	1,000,000	1.51E-01
88	40.9628	5.2602E-05	2.15E-03	2.50E-04	5.39E-07	30	1.15E-02	1.86E-07	1,000,000	1.86E-01
89	49.82536	5.2602E-05	2.62E-03	2.50E-04	6.56E-07	30	1.15E-02	2.26E-07	1,000,000	2.26E-01
90	57.42761	5.2602E-05	3.02E-03	2.50E-04	7.56E-07	30	1.15E-02	2.60E-07	1,000,000	2.60E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Cancer Risk From Idle 3 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	60.04393	5.2602E-05	3.16E-03	2.50E-04	7.90E-07	30	1.15E-02	2.72E-07	1,000,000	2.72E-01
92	11.76246	5.2602E-05	6.19E-04	2.50E-04	1.55E-07	30	1.15E-02	5.33E-08	1,000,000	5.33E-02
93	14.10394	5.2602E-05	7.42E-04	2.50E-04	1.86E-07	30	1.15E-02	6.39E-08	1,000,000	6.39E-02
94	17.17037	5.2602E-05	9.03E-04	2.50E-04	2.26E-07	30	1.15E-02	7.78E-08	1,000,000	7.78E-02
95	21.24938	5.2602E-05	1.12E-03	2.50E-04	2.80E-07	30	1.15E-02	9.63E-08	1,000,000	9.63E-02
96	26.75425	5.2602E-05	1.41E-03	2.50E-04	3.52E-07	30	1.15E-02	1.21E-07	1,000,000	1.21E-01
97	34.22216	5.2602E-05	1.80E-03	2.50E-04	4.51E-07	30	1.15E-02	1.55E-07	1,000,000	1.55E-01
98	44.15774	5.2602E-05	2.32E-03	2.50E-04	5.81E-07	30	1.15E-02	2.00E-07	1,000,000	2.00E-01
99	57.03012	5.2602E-05	3.00E-03	2.50E-04	7.51E-07	30	1.15E-02	2.58E-07	1,000,000	2.58E-01
100	72.6934	5.2602E-05	3.82E-03	2.50E-04	9.57E-07	30	1.15E-02	3.29E-07	1,000,000	3.29E-01
101	85.20727	5.2602E-05	4.48E-03	2.50E-04	1.12E-06	30	1.15E-02	3.86E-07	1,000,000	3.86E-01
102	85.47702	5.2602E-05	4.50E-03	2.50E-04	1.13E-06	30	1.15E-02	3.87E-07	1,000,000	3.87E-01
103	23.89039	5.2602E-05	1.26E-03	2.50E-04	3.15E-07	30	1.15E-02	1.08E-07	1,000,000	1.08E-01
104	31.05291	5.2602E-05	1.63E-03	2.50E-04	4.09E-07	30	1.15E-02	1.41E-07	1,000,000	1.41E-01
105	42.95874	5.2602E-05	2.26E-03	2.50E-04	5.66E-07	30	1.15E-02	1.95E-07	1,000,000	1.95E-01
106	59.0771	5.2602E-05	3.11E-03	2.50E-04	7.78E-07	30	1.15E-02	2.68E-07	1,000,000	2.68E-01
107	85.24166	5.2602E-05	4.48E-03	2.50E-04	1.12E-06	30	1.15E-02	3.86E-07	1,000,000	3.86E-01
108	117.2212	5.2602E-05	6.17E-03	2.50E-04	1.54E-06	30	1.15E-02	5.31E-07	1,000,000	5.31E-01
109	139.1875	5.2602E-05	7.32E-03	2.50E-04	1.83E-06	30	1.15E-02	6.31E-07	1,000,000	6.31E-01
110	125.9598	5.2602E-05	6.63E-03	2.50E-04	1.66E-06	30	1.15E-02	5.71E-07	1,000,000	5.71E-01
111	18.94091	5.2602E-05	9.96E-04	2.50E-04	2.49E-07	30	1.15E-02	8.58E-08	1,000,000	8.58E-02
112	14.93328	5.2602E-05	7.86E-04	2.50E-04	1.97E-07	30	1.15E-02	6.77E-08	1,000,000	6.77E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**		**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
						Residential Receptors				
1	1.6E-02		School	2.0884	109	5	1.44E-05	0.00439	109	School
2	1.7E-02		Res	0.1232	137	5	1.52E-05	0.0001	137	Res
3	1.8E-02		Teachers	0.631	109	5	1.62E-05	0.00439	109	Teachers
4	1.9E-02					5	1.72E-05			
5	2.1E-02					5	1.83E-05			
6	1.6E-02					5	1.43E-05			
7	1.7E-02					5	1.51E-05			
8	1.8E-02					5	1.61E-05			
9	1.9E-02					5	1.71E-05			
10	2.1E-02					5	1.82E-05			
11	1.6E-02					5	1.42E-05			
12	1.7E-02					5	1.50E-05			
13	1.8E-02					5	1.60E-05			
14	1.9E-02					5	1.70E-05			
15	2.1E-02					5	1.82E-05			
16	1.6E-02					5	1.41E-05			
17	1.7E-02					5	1.50E-05			
18	1.8E-02					5	1.59E-05			
19	1.9E-02					5	1.69E-05			
20	2.0E-02					5	1.81E-05			
21	1.6E-02					5	1.41E-05			
22	1.7E-02					5	1.49E-05			
23	1.8E-02					5	1.59E-05			
24	1.9E-02					5	1.69E-05			
25	2.0E-02					5	1.80E-05			
113	1.1E-01					5	9.84E-05			
114	9.9E-02					5	8.79E-05			
115	8.9E-02					5	7.89E-05			
116	8.0E-02					5	7.12E-05			
117	1.1E-01					5	1.01E-04			
118	1.0E-01					5	8.99E-05			
119	9.1E-02					5	8.04E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	8.2E-02				5	7.23E-05		
121	1.2E-01				5	1.04E-04		
122	1.0E-01				5	9.16E-05		
123	9.2E-02				5	8.17E-05		
124	8.3E-02				5	7.33E-05		
125	1.2E-01				5	1.05E-04		
126	1.1E-01				5	9.30E-05		
127	9.3E-02				5	8.27E-05		
128	8.4E-02				5	7.41E-05		
129	1.2E-01				5	1.07E-04		
130	1.1E-01				5	9.42E-05		
131	9.4E-02				5	8.36E-05		
132	8.4E-02				5	7.48E-05		
133	1.2E-01				5	1.08E-04		
134	1.1E-01				5	9.51E-05		
135	9.5E-02				5	8.43E-05		
136	8.5E-02				5	7.52E-05		
137	1.2E-01				5	1.09E-04		
138	9.6E-02				5	8.46E-05		
139	8.5E-02				5	7.55E-05		
140	1.2E-01				5	1.08E-04		
141	1.1E-01				5	9.47E-05		
142	9.5E-02				5	8.37E-05		
143	8.4E-02				5	7.47E-05		
144	1.2E-01				5	1.06E-04		
145	1.1E-01				5	9.33E-05		
146	9.3E-02				5	8.26E-05		
147	8.3E-02				5	7.37E-05		
148	1.2E-01				5	1.04E-04		
149	1.0E-01				5	9.12E-05		
150	9.1E-02				5	8.09E-05		
151	8.2E-02				5	7.23E-05		
152	1.1E-01				5	9.99E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.0E-01				5	8.82E-05		
154	8.9E-02				5	7.86E-05		
155	8.0E-02				5	7.05E-05		
156	1.1E-01				5	9.47E-05		
157	9.5E-02				5	8.44E-05		
158	8.5E-02				5	7.57E-05		
159	7.7E-02				5	6.82E-05		
160	1.0E-01				5	8.81E-05		
161	9.0E-02				5	7.95E-05		
162	8.1E-02				5	7.19E-05		
163	7.4E-02				5	6.53E-05		
164	9.1E-02				5	8.05E-05		
165	8.3E-02				5	7.35E-05		
166	7.6E-02				5	6.72E-05		
167	7.0E-02				5	6.16E-05		
168	8.2E-02				5	7.27E-05		
169	7.6E-02				5	6.71E-05		
170	7.0E-02				5	6.20E-05		
171	6.5E-02				5	5.75E-05		
172	7.4E-02				5	6.56E-05		
173	6.9E-02				5	6.09E-05		
174	6.4E-02				5	5.67E-05		
175	6.0E-02				5	5.30E-05		
176	6.7E-02				5	5.97E-05		
177	6.3E-02				5	5.55E-05		
178	5.9E-02				5	5.18E-05		
179	5.5E-02				5	4.86E-05		
180	6.2E-02				5	5.50E-05		
181	5.8E-02				5	5.10E-05		
182	5.4E-02				5	4.76E-05		
183	5.1E-02				5	4.48E-05		
184	8.8E-02				5	7.82E-05		
185	7.2E-02				5	6.36E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	6.6E-02				5	5.81E-05		
187	6.0E-02				5	5.35E-05		
188	5.6E-02				5	4.95E-05		
189	7.3E-02				5	6.47E-05		
190	6.7E-02				5	5.91E-05		
191	6.1E-02				5	5.42E-05		
192	5.6E-02				5	4.99E-05		
193	5.2E-02				5	4.62E-05		
194	6.8E-02				5	5.98E-05		
195	6.2E-02				5	5.50E-05		
196	5.7E-02				5	5.07E-05		
197	5.3E-02				5	4.68E-05		
198	4.9E-02				5	4.34E-05		
199	6.3E-02				5	5.54E-05		
200	5.8E-02				5	5.13E-05		
201	5.4E-02				5	4.75E-05		
202	5.0E-02				5	4.41E-05		
203	4.6E-02				5	4.10E-05		
204	7.8E-02				5	6.92E-05		
205	5.8E-02				5	5.15E-05		
206	5.4E-02				5	4.79E-05		
207	5.0E-02				5	4.46E-05		
208	4.7E-02				5	4.15E-05		
209	7.1E-02				5	6.32E-05		
210	6.6E-02				5	5.88E-05		
211	6.2E-02				5	5.49E-05		
212	5.8E-02				5	5.12E-05		
213	5.4E-02				5	4.79E-05		
214	5.1E-02				5	4.47E-05		
215	4.7E-02				5	4.18E-05		
216	6.8E-02				5	6.03E-05		
217	6.4E-02				5	5.67E-05		
218	6.0E-02				5	5.32E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	5.6E-02				5	5.00E-05		
220	5.3E-02				5	4.70E-05		
221	5.0E-02				5	4.42E-05		
222	6.2E-02				5	5.53E-05		
223	5.9E-02				5	5.21E-05		
224	5.6E-02				5	4.91E-05		
225	5.2E-02				5	4.63E-05		
226	4.9E-02				5	4.37E-05		
227	5.8E-02				5	5.09E-05		
228	5.4E-02				5	4.82E-05		
229	5.1E-02				5	4.55E-05		
230	4.9E-02				5	4.31E-05		
231	5.3E-02				5	4.71E-05		
232	5.0E-02				5	4.47E-05		
233	4.8E-02				5	4.23E-05		
234	4.5E-02				5	4.01E-05		
235	4.9E-02				5	4.37E-05		
236	4.7E-02				5	4.15E-05		
237	4.5E-02				5	3.95E-05		
238	4.2E-02				5	3.75E-05		
239	4.6E-02				5	4.07E-05		
240	4.4E-02				5	3.88E-05		
241	4.2E-02				5	3.69E-05		
242	4.0E-02				5	3.52E-05		
243	5.7E-02				5	5.03E-05		
244	5.6E-02				5	4.97E-05		
245	5.5E-02				5	4.87E-05		
246	5.4E-02				5	4.74E-05		
247	5.2E-02				5	4.59E-05		
248	5.0E-02				5	4.42E-05		
249	4.8E-02				5	4.24E-05		
250	5.3E-02				5	4.67E-05		
251	5.2E-02				5	4.61E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	5.1E-02				5	4.51E-05		
253	5.0E-02				5	4.40E-05		
254	4.8E-02				5	4.26E-05		
255	4.6E-02				5	4.11E-05		
256	4.5E-02				5	3.95E-05		
257	4.9E-02				5	4.35E-05		
258	4.8E-02				5	4.29E-05		
259	4.7E-02				5	4.20E-05		
260	4.6E-02				5	4.09E-05		
261	4.5E-02				5	3.97E-05		
262	4.3E-02				5	3.83E-05		
263	4.2E-02				5	3.69E-05		
264	4.6E-02				5	4.06E-05		
265	4.5E-02				5	4.00E-05		
266	4.4E-02				5	3.92E-05		
267	4.3E-02				5	3.82E-05		
268	4.2E-02				5	3.71E-05		
269	4.1E-02				5	3.59E-05		
270	3.9E-02				5	3.46E-05		
271	4.3E-02				5	3.80E-05		
272	4.2E-02				5	3.74E-05		
273	4.1E-02				5	3.67E-05		
274	4.0E-02				5	3.58E-05		
275	3.9E-02				5	3.48E-05		
276	3.8E-02				5	3.37E-05		
277	3.7E-02				5	3.25E-05		
278	3.7E-02				5	3.28E-05		
279	3.8E-02				5	3.40E-05		
280	4.2E-02				5	3.71E-05		
281	4.1E-02				5	3.66E-05		
282	4.5E-02				5	3.96E-05		
283	3.8E-02				5	3.40E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	1.0E-01	3.0E-02			5	2.11E-04		
27	1.1E-01	3.4E-02			5	2.33E-04		
28	1.2E-01	3.7E-02			5	2.59E-04		
29	1.4E-01	4.1E-02			5	2.87E-04		
30	1.5E-01	4.6E-02			5	3.18E-04		
31	1.7E-01	5.0E-02			5	3.52E-04		
32	1.9E-01	5.6E-02			5	3.90E-04		
33	2.1E-01	6.2E-02			5	4.32E-04		
34	2.3E-01	6.8E-02			5	4.77E-04		
35	2.5E-01	7.5E-02			5	5.20E-04		
36	2.6E-01	8.0E-02			5	5.54E-04		
37	1.1E-01	3.3E-02			5	2.32E-04		
38	1.2E-01	3.7E-02			5	2.59E-04		
39	1.4E-01	4.2E-02			5	2.90E-04		
40	1.5E-01	4.7E-02			5	3.25E-04		
41	1.7E-01	5.2E-02			5	3.64E-04		
42	1.9E-01	5.9E-02			5	4.08E-04		
43	2.2E-01	6.6E-02			5	4.57E-04		
44	2.4E-01	7.4E-02			5	5.13E-04		
45	2.7E-01	8.2E-02			5	5.72E-04		
46	3.0E-01	9.0E-02			5	6.29E-04		
47	3.2E-01	9.6E-02			5	6.72E-04		
48	1.2E-01	3.7E-02			5	2.55E-04		
49	1.4E-01	4.1E-02			5	2.88E-04		
50	1.5E-01	4.7E-02			5	3.26E-04		
51	1.8E-01	5.3E-02			5	3.71E-04		
52	2.0E-01	6.1E-02			5	4.22E-04		
53	2.3E-01	6.9E-02			5	4.79E-04		
54	2.6E-01	7.8E-02			5	5.45E-04		
55	2.9E-01	8.9E-02			5	6.20E-04		
56	3.3E-01	1.0E-01			5	7.02E-04		
57	3.7E-01	1.1E-01			5	7.78E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	4.0E-01	1.2E-01			5	8.32E-04		
59	1.3E-01	4.0E-02			5	2.81E-04		
60	1.5E-01	4.6E-02			5	3.21E-04		
61	1.8E-01	5.3E-02			5	3.69E-04		
62	2.0E-01	6.1E-02			5	4.26E-04		
63	2.3E-01	7.1E-02			5	4.94E-04		
64	2.7E-01	8.2E-02			5	5.72E-04		
65	3.1E-01	9.5E-02			5	6.62E-04		
66	3.6E-01	1.1E-01			5	7.67E-04		
67	4.2E-01	1.3E-01			5	8.83E-04		
68	4.7E-01	1.4E-01			5	9.90E-04		
69	5.0E-01	1.5E-01			5	1.06E-03		
70	1.5E-01	4.4E-02			5	3.10E-04		
71	1.7E-01	5.1E-02			5	3.59E-04		
72	2.0E-01	6.0E-02			5	4.19E-04		
73	2.3E-01	7.1E-02			5	4.93E-04		
74	2.8E-01	8.4E-02			5	5.84E-04		
75	3.3E-01	1.0E-01			5	6.94E-04		
76	3.9E-01	1.2E-01			5	8.23E-04		
77	4.6E-01	1.4E-01			5	9.77E-04		
78	5.5E-01	1.7E-01			5	1.15E-03		
79	6.2E-01	1.9E-01			5	1.31E-03		
80	6.6E-01	2.0E-01			5	1.39E-03		
81	1.6E-01	4.9E-02			5	3.40E-04		
82	1.9E-01	5.7E-02			5	4.01E-04		
83	2.3E-01	6.8E-02			5	4.77E-04		
84	2.7E-01	8.2E-02			5	5.74E-04		
85	3.3E-01	1.0E-01			5	6.99E-04		
86	4.1E-01	1.2E-01			5	8.57E-04		
87	5.0E-01	1.5E-01			5	1.05E-03		
88	6.1E-01	1.9E-01			5	1.29E-03		
89	7.5E-01	2.3E-01			5	1.57E-03		
90	8.6E-01	2.6E-01			5	1.81E-03		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk -Idle3

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	9.0E-01	2.7E-01			5	1.90E-03		
92	1.8E-01	5.3E-02			5	3.71E-04		
93	2.1E-01	6.4E-02			5	4.45E-04		
94	2.6E-01	7.8E-02			5	5.42E-04		
95	3.2E-01	9.6E-02			5	6.71E-04		
96	4.0E-01	1.2E-01			5	8.44E-04		
97	5.1E-01	1.6E-01			5	1.08E-03		
98	6.6E-01	2.0E-01			5	1.39E-03		
99	8.6E-01	2.6E-01			5	1.80E-03		
100	1.1E+00	3.3E-01			5	2.29E-03		
101	1.3E+00	3.9E-01			5	2.69E-03		
102	1.3E+00	3.9E-01			5	2.70E-03		
103	3.6E-01	1.1E-01			5	7.54E-04		
104	4.7E-01	1.4E-01			5	9.80E-04		
105	6.4E-01	1.9E-01			5	1.36E-03		
106	8.9E-01	2.7E-01			5	1.86E-03		
107	1.3E+00	3.9E-01			5	2.69E-03		
108	1.8E+00	5.3E-01			5	3.70E-03		
109	2.1E+00	6.3E-01			5	4.39E-03		
110	1.9E+00	5.7E-01			5	3.98E-03		
111	2.8E-01	8.6E-02			5	5.98E-04		
112	2.2E-01	6.8E-02			5	4.71E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

					Cancer Risk From Idle 4 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	**5.73E-05**	3.17E-05	1.05E-03	3.32E-08	1.45	1.57E-01	7.56E-09	1,000,000	7.56E-03
2	0.58861	5.7347E-05	3.3755E-05	1.05E-03	3.53E-08	1.45	1.57E-01	8.04E-09	1,000,000	8.04E-03
3	0.62853	5.7347E-05	3.6044E-05	1.05E-03	3.77E-08	1.45	1.57E-01	8.58E-09	1,000,000	8.58E-03
4	0.67216	5.7347E-05	3.8546E-05	1.05E-03	4.03E-08	1.45	1.57E-01	9.18E-09	1,000,000	9.18E-03
5	0.72166	5.7347E-05	4.1385E-05	1.05E-03	4.33E-08	1.45	1.57E-01	9.86E-09	1,000,000	9.86E-03
6	0.54874	5.7347E-05	3.1468E-05	1.05E-03	3.29E-08	1.45	1.57E-01	7.49E-09	1,000,000	7.49E-03
7	0.58348	5.7347E-05	3.3461E-05	1.05E-03	3.50E-08	1.45	1.57E-01	7.97E-09	1,000,000	7.97E-03
8	0.62239	5.7347E-05	3.5692E-05	1.05E-03	3.73E-08	1.45	1.57E-01	8.50E-09	1,000,000	8.50E-03
9	0.66696	5.7347E-05	3.8248E-05	1.05E-03	4.00E-08	1.45	1.57E-01	9.11E-09	1,000,000	9.11E-03
10	0.71606	5.7347E-05	4.1064E-05	1.05E-03	4.29E-08	1.45	1.57E-01	9.78E-09	1,000,000	9.78E-03
11	0.54366	5.7347E-05	3.1177E-05	1.05E-03	3.26E-08	1.45	1.57E-01	7.43E-09	1,000,000	7.43E-03
12	0.57826	5.7347E-05	3.3161E-05	1.05E-03	3.47E-08	1.45	1.57E-01	7.90E-09	1,000,000	7.90E-03
13	0.61719	5.7347E-05	3.5394E-05	1.05E-03	3.70E-08	1.45	1.57E-01	8.43E-09	1,000,000	8.43E-03
14	0.66195	5.7347E-05	3.7961E-05	1.05E-03	3.97E-08	1.45	1.57E-01	9.04E-09	1,000,000	9.04E-03
15	0.71117	5.7347E-05	4.0783E-05	1.05E-03	4.26E-08	1.45	1.57E-01	9.71E-09	1,000,000	9.71E-03
16	0.53892	5.7347E-05	3.0905E-05	1.05E-03	3.23E-08	1.45	1.57E-01	7.36E-09	1,000,000	7.36E-03
17	0.57375	5.7347E-05	3.2903E-05	1.05E-03	3.44E-08	1.45	1.57E-01	7.84E-09	1,000,000	7.84E-03
18	0.61251	5.7347E-05	3.5125E-05	1.05E-03	3.67E-08	1.45	1.57E-01	8.37E-09	1,000,000	8.37E-03
19	0.65567	5.7347E-05	3.76E-05	1.05E-03	3.93E-08	1.45	1.57E-01	8.95E-09	1,000,000	8.95E-03
20	0.70538	5.7347E-05	4.0451E-05	1.05E-03	4.23E-08	1.45	1.57E-01	9.63E-09	1,000,000	9.63E-03
21	0.53486	5.7347E-05	3.0672E-05	1.05E-03	3.21E-08	1.45	1.57E-01	7.30E-09	1,000,000	7.30E-03
22	0.56956	5.7347E-05	3.2662E-05	1.05E-03	3.41E-08	1.45	1.57E-01	7.78E-09	1,000,000	7.78E-03
23	0.60852	5.7347E-05	3.4897E-05	1.05E-03	3.65E-08	1.45	1.57E-01	8.31E-09	1,000,000	8.31E-03
24	0.65211	5.7347E-05	3.7396E-05	1.05E-03	3.91E-08	1.45	1.57E-01	8.91E-09	1,000,000	8.91E-03
25	0.70079	5.7347E-05	4.0188E-05	1.05E-03	4.20E-08	1.45	1.57E-01	9.57E-09	1,000,000	9.57E-03
113	2.04061	5.7347E-05	0.00011702	1.05E-03	1.22E-07	1.45	1.57E-01	2.79E-08	1,000,000	2.79E-02
114	1.88329	5.7347E-05	0.000108	1.05E-03	1.13E-07	1.45	1.57E-01	2.57E-08	1,000,000	2.57E-02
115	1.74015	5.7347E-05	9.9792E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
116	1.61089	5.7347E-05	9.2379E-05	1.05E-03	9.66E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
117	2.10693	5.7347E-05	0.00012083	1.05E-03	1.26E-07	1.45	1.57E-01	2.88E-08	1,000,000	2.88E-02
118	1.93563	5.7347E-05	0.000111	1.05E-03	1.16E-07	1.45	1.57E-01	2.64E-08	1,000,000	2.64E-02
119	1.78215	5.7347E-05	0.0001022	1.05E-03	1.07E-07	1.45	1.57E-01	2.43E-08	1,000,000	2.43E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.4336E-05	1.05E-03	9.86E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
121	2.1689	5.7347E-05	0.00012438	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
122	1.98451	5.7347E-05	0.0001138	1.05E-03	1.19E-07	1.45	1.57E-01	2.71E-08	1,000,000	2.71E-02
123	1.82122	5.7347E-05	0.00010444	1.05E-03	1.09E-07	1.45	1.57E-01	2.49E-08	1,000,000	2.49E-02
124	1.67647	5.7347E-05	9.614E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.29E-08	1,000,000	2.29E-02
125	2.22622	5.7347E-05	0.00012767	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
126	2.02948	5.7347E-05	0.00011638	1.05E-03	1.22E-07	1.45	1.57E-01	2.77E-08	1,000,000	2.77E-02
127	1.8568	5.7347E-05	0.00010648	1.05E-03	1.11E-07	1.45	1.57E-01	2.54E-08	1,000,000	2.54E-02
128	1.70475	5.7347E-05	9.7762E-05	1.05E-03	1.02E-07	1.45	1.57E-01	2.33E-08	1,000,000	2.33E-02
129	2.27829	5.7347E-05	0.00013065	1.05E-03	1.37E-07	1.45	1.57E-01	3.11E-08	1,000,000	3.11E-02
130	2.06988	5.7347E-05	0.0001187	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
131	1.88836	5.7347E-05	0.00010829	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
132	1.72958	5.7347E-05	9.9185E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.36E-08	1,000,000	2.36E-02
133	2.32434	5.7347E-05	0.00013329	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
134	2.1052	5.7347E-05	0.00012073	1.05E-03	1.26E-07	1.45	1.57E-01	2.88E-08	1,000,000	2.88E-02
135	1.91573	5.7347E-05	0.00010986	1.05E-03	1.15E-07	1.45	1.57E-01	2.62E-08	1,000,000	2.62E-02
136	1.75106	5.7347E-05	0.00010042	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
137	2.36399	5.7347E-05	0.00013557	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
138	1.93925	5.7347E-05	0.00011121	1.05E-03	1.16E-07	1.45	1.57E-01	2.65E-08	1,000,000	2.65E-02
139	1.76968	5.7347E-05	0.00010149	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
140	2.4485	5.7347E-05	0.00014041	1.05E-03	1.47E-07	1.45	1.57E-01	3.34E-08	1,000,000	3.34E-02
141	2.20041	5.7347E-05	0.00012619	1.05E-03	1.32E-07	1.45	1.57E-01	3.01E-08	1,000,000	3.01E-02
142	1.98997	5.7347E-05	0.00011412	1.05E-03	1.19E-07	1.45	1.57E-01	2.72E-08	1,000,000	2.72E-02
143	1.80979	5.7347E-05	0.00010379	1.05E-03	1.08E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
144	2.46473	5.7347E-05	0.00014134	1.05E-03	1.48E-07	1.45	1.57E-01	3.37E-08	1,000,000	3.37E-02
145	2.21227	5.7347E-05	0.00012687	1.05E-03	1.33E-07	1.45	1.57E-01	3.02E-08	1,000,000	3.02E-02
146	1.99861	5.7347E-05	0.00011461	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
147	1.81603	5.7347E-05	0.00010414	1.05E-03	1.09E-07	1.45	1.57E-01	2.48E-08	1,000,000	2.48E-02
148	2.47326	5.7347E-05	0.00014183	1.05E-03	1.48E-07	1.45	1.57E-01	3.38E-08	1,000,000	3.38E-02
149	2.21783	5.7347E-05	0.00012718	1.05E-03	1.33E-07	1.45	1.57E-01	3.03E-08	1,000,000	3.03E-02
150	2.00208	5.7347E-05	0.00011481	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
151	1.81804	5.7347E-05	0.00010426	1.05E-03	1.09E-07	1.45	1.57E-01	2.48E-08	1,000,000	2.48E-02
152	2.47365	5.7347E-05	0.00014186	1.05E-03	1.48E-07	1.45	1.57E-01	3.38E-08	1,000,000	3.38E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	0.00012714	1.05E-03	1.33E-07	1.45	1.57E-01	3.03E-08	1,000,000	3.03E-02
154	2.00048	5.7347E-05	0.00011472	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
155	1.81601	5.7347E-05	0.00010414	1.05E-03	1.09E-07	1.45	1.57E-01	2.48E-08	1,000,000	2.48E-02
156	2.46538	5.7347E-05	0.00014138	1.05E-03	1.48E-07	1.45	1.57E-01	3.37E-08	1,000,000	3.37E-02
157	2.20934	5.7347E-05	0.0001267	1.05E-03	1.32E-07	1.45	1.57E-01	3.02E-08	1,000,000	3.02E-02
158	1.99349	5.7347E-05	0.00011432	1.05E-03	1.19E-07	1.45	1.57E-01	2.72E-08	1,000,000	2.72E-02
159	1.80965	5.7347E-05	0.00010378	1.05E-03	1.08E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
160	2.44658	5.7347E-05	0.0001403	1.05E-03	1.47E-07	1.45	1.57E-01	3.34E-08	1,000,000	3.34E-02
161	2.19332	5.7347E-05	0.00012578	1.05E-03	1.31E-07	1.45	1.57E-01	3.00E-08	1,000,000	3.00E-02
162	1.97972	5.7347E-05	0.00011353	1.05E-03	1.19E-07	1.45	1.57E-01	2.70E-08	1,000,000	2.70E-02
163	1.79744	5.7347E-05	0.00010308	1.05E-03	1.08E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
164	2.41472	5.7347E-05	0.00013848	1.05E-03	1.45E-07	1.45	1.57E-01	3.30E-08	1,000,000	3.30E-02
165	2.16682	5.7347E-05	0.00012426	1.05E-03	1.30E-07	1.45	1.57E-01	2.96E-08	1,000,000	2.96E-02
166	1.95575	5.7347E-05	0.00011216	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
167	1.77704	5.7347E-05	0.00010191	1.05E-03	1.07E-07	1.45	1.57E-01	2.43E-08	1,000,000	2.43E-02
168	2.36828	5.7347E-05	0.00013581	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
169	2.12876	5.7347E-05	0.00012208	1.05E-03	1.28E-07	1.45	1.57E-01	2.91E-08	1,000,000	2.91E-02
170	1.92374	5.7347E-05	0.00011032	1.05E-03	1.15E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02
171	1.75039	5.7347E-05	0.00010038	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
172	2.30645	5.7347E-05	0.00013227	1.05E-03	1.38E-07	1.45	1.57E-01	3.15E-08	1,000,000	3.15E-02
173	2.07886	5.7347E-05	0.00011922	1.05E-03	1.25E-07	1.45	1.57E-01	2.84E-08	1,000,000	2.84E-02
174	1.88301	5.7347E-05	0.00010798	1.05E-03	1.13E-07	1.45	1.57E-01	2.57E-08	1,000,000	2.57E-02
175	1.71625	5.7347E-05	9.8421E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.34E-08	1,000,000	2.34E-02
176	2.22717	5.7347E-05	0.00012772	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
177	2.01604	5.7347E-05	0.00011561	1.05E-03	1.21E-07	1.45	1.57E-01	2.75E-08	1,000,000	2.75E-02
178	1.83235	5.7347E-05	0.00010508	1.05E-03	1.10E-07	1.45	1.57E-01	2.50E-08	1,000,000	2.50E-02
179	1.67459	5.7347E-05	9.6032E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.29E-08	1,000,000	2.29E-02
180	2.12727	5.7347E-05	0.00012199	1.05E-03	1.28E-07	1.45	1.57E-01	2.91E-08	1,000,000	2.91E-02
181	1.93704	5.7347E-05	0.00011108	1.05E-03	1.16E-07	1.45	1.57E-01	2.65E-08	1,000,000	2.65E-02
182	1.76986	5.7347E-05	0.0001015	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
183	1.62422	5.7347E-05	9.3143E-05	1.05E-03	9.74E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
184	2.6291	5.7347E-05	0.00015077	1.05E-03	1.58E-07	1.45	1.57E-01	3.59E-08	1,000,000	3.59E-02
185	2.52128	5.7347E-05	0.00014459	1.05E-03	1.51E-07	1.45	1.57E-01	3.44E-08	1,000,000	3.44E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	0.00013138	1.05E-03	1.37E-07	1.45	1.57E-01	3.13E-08	1,000,000	3.13E-02
187	2.08789	5.7347E-05	0.00011973	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
188	1.90745	5.7347E-05	0.00010939	1.05E-03	1.14E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02
189	2.52303	5.7347E-05	0.00014469	1.05E-03	1.51E-07	1.45	1.57E-01	3.45E-08	1,000,000	3.45E-02
190	2.3112	5.7347E-05	0.00013254	1.05E-03	1.39E-07	1.45	1.57E-01	3.16E-08	1,000,000	3.16E-02
191	2.12306	5.7347E-05	0.00012175	1.05E-03	1.27E-07	1.45	1.57E-01	2.90E-08	1,000,000	2.90E-02
192	1.95424	5.7347E-05	0.00011207	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
193	1.80023	5.7347E-05	0.00010324	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02
194	2.2766	5.7347E-05	0.00013056	1.05E-03	1.36E-07	1.45	1.57E-01	3.11E-08	1,000,000	3.11E-02
195	2.10152	5.7347E-05	0.00012051	1.05E-03	1.26E-07	1.45	1.57E-01	2.87E-08	1,000,000	2.87E-02
196	1.94681	5.7347E-05	0.00011164	1.05E-03	1.17E-07	1.45	1.57E-01	2.66E-08	1,000,000	2.66E-02
197	1.80646	5.7347E-05	0.00010359	1.05E-03	1.08E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
198	1.68045	5.7347E-05	9.6368E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.30E-08	1,000,000	2.30E-02
199	2.06409	5.7347E-05	0.00011837	1.05E-03	1.24E-07	1.45	1.57E-01	2.82E-08	1,000,000	2.82E-02
200	1.91097	5.7347E-05	0.00010959	1.05E-03	1.15E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02
201	1.77805	5.7347E-05	0.00010197	1.05E-03	1.07E-07	1.45	1.57E-01	2.43E-08	1,000,000	2.43E-02
202	1.66048	5.7347E-05	9.5223E-05	1.05E-03	9.95E-08	1.45	1.57E-01	2.27E-08	1,000,000	2.27E-02
203	1.55518	5.7347E-05	8.9184E-05	1.05E-03	9.32E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
204	2.78219	5.7347E-05	0.00015955	1.05E-03	1.67E-07	1.45	1.57E-01	3.80E-08	1,000,000	3.80E-02
205	1.88969	5.7347E-05	0.00010837	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
206	1.74924	5.7347E-05	0.00010031	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
207	1.6284	5.7347E-05	9.3383E-05	1.05E-03	9.76E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
208	1.5256	5.7347E-05	8.7488E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
209	2.53774	5.7347E-05	0.00014553	1.05E-03	1.52E-07	1.45	1.57E-01	3.47E-08	1,000,000	3.47E-02
210	2.29512	5.7347E-05	0.00013162	1.05E-03	1.38E-07	1.45	1.57E-01	3.13E-08	1,000,000	3.13E-02
211	2.08388	5.7347E-05	0.0001195	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
212	1.90263	5.7347E-05	0.00010911	1.05E-03	1.14E-07	1.45	1.57E-01	2.60E-08	1,000,000	2.60E-02
213	1.74782	5.7347E-05	0.00010023	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
214	1.61559	5.7347E-05	9.2649E-05	1.05E-03	9.68E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02
215	1.50352	5.7347E-05	8.6222E-05	1.05E-03	9.01E-08	1.45	1.57E-01	2.05E-08	1,000,000	2.05E-02
216	2.53238	5.7347E-05	0.00014522	1.05E-03	1.52E-07	1.45	1.57E-01	3.46E-08	1,000,000	3.46E-02
217	2.32012	5.7347E-05	0.00013305	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
218	2.12576	5.7347E-05	0.00012191	1.05E-03	1.27E-07	1.45	1.57E-01	2.90E-08	1,000,000	2.90E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

					Cancer Risk From Idle 4 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	0.00011195	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
220	1.79392	5.7347E-05	0.00010288	1.05E-03	1.08E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
221	1.65158	5.7347E-05	9.4712E-05	1.05E-03	9.90E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
222	2.2973	5.7347E-05	0.00013174	1.05E-03	1.38E-07	1.45	1.57E-01	3.14E-08	1,000,000	3.14E-02
223	2.11761	5.7347E-05	0.00012144	1.05E-03	1.27E-07	1.45	1.57E-01	2.89E-08	1,000,000	2.89E-02
224	1.95418	5.7347E-05	0.00011207	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
225	1.80591	5.7347E-05	0.00010356	1.05E-03	1.08E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
226	1.66893	5.7347E-05	9.5707E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
227	2.09298	5.7347E-05	0.00012003	1.05E-03	1.25E-07	1.45	1.57E-01	2.86E-08	1,000,000	2.86E-02
228	1.94001	5.7347E-05	0.00011125	1.05E-03	1.16E-07	1.45	1.57E-01	2.65E-08	1,000,000	2.65E-02
229	1.80122	5.7347E-05	0.00010329	1.05E-03	1.08E-07	1.45	1.57E-01	2.46E-08	1,000,000	2.46E-02
230	1.67234	5.7347E-05	9.5903E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
231	1.91445	5.7347E-05	0.00010979	1.05E-03	1.15E-07	1.45	1.57E-01	2.61E-08	1,000,000	2.61E-02
232	1.78455	5.7347E-05	0.00010234	1.05E-03	1.07E-07	1.45	1.57E-01	2.44E-08	1,000,000	2.44E-02
233	1.66477	5.7347E-05	9.5469E-05	1.05E-03	9.98E-08	1.45	1.57E-01	2.27E-08	1,000,000	2.27E-02
234	1.55329	5.7347E-05	8.9076E-05	1.05E-03	9.31E-08	1.45	1.57E-01	2.12E-08	1,000,000	2.12E-02
235	1.75918	5.7347E-05	0.00010088	1.05E-03	1.05E-07	1.45	1.57E-01	2.40E-08	1,000,000	2.40E-02
236	1.64717	5.7347E-05	9.446E-05	1.05E-03	9.87E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
237	1.54241	5.7347E-05	8.8452E-05	1.05E-03	9.25E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
238	1.44603	5.7347E-05	8.2925E-05	1.05E-03	8.67E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
239	1.62283	5.7347E-05	9.3064E-05	1.05E-03	9.73E-08	1.45	1.57E-01	2.22E-08	1,000,000	2.22E-02
240	1.5251	5.7347E-05	8.7459E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
241	1.43337	5.7347E-05	8.2199E-05	1.05E-03	8.59E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
242	1.3492	5.7347E-05	7.7372E-05	1.05E-03	8.09E-08	1.45	1.57E-01	1.84E-08	1,000,000	1.84E-02
243	2.36207	5.7347E-05	0.00013546	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
244	2.27926	5.7347E-05	0.00013071	1.05E-03	1.37E-07	1.45	1.57E-01	3.11E-08	1,000,000	3.11E-02
245	2.1789	5.7347E-05	0.00012495	1.05E-03	1.31E-07	1.45	1.57E-01	2.98E-08	1,000,000	2.98E-02
246	2.06777	5.7347E-05	0.00011858	1.05E-03	1.24E-07	1.45	1.57E-01	2.82E-08	1,000,000	2.82E-02
247	1.95153	5.7347E-05	0.00011191	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
248	1.83804	5.7347E-05	0.00010541	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
249	1.72915	5.7347E-05	9.9161E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.36E-08	1,000,000	2.36E-02
250	2.1434	5.7347E-05	0.00012292	1.05E-03	1.28E-07	1.45	1.57E-01	2.93E-08	1,000,000	2.93E-02
251	2.07015	5.7347E-05	0.00011872	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

					Cancer Risk From Idle 4 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	0.00011372	1.05E-03	1.19E-07	1.45	1.57E-01	2.71E-08	1,000,000	2.71E-02
253	1.88713	5.7347E-05	0.00010822	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
254	1.78696	5.7347E-05	0.00010248	1.05E-03	1.07E-07	1.45	1.57E-01	2.44E-08	1,000,000	2.44E-02
255	1.68889	5.7347E-05	9.6852E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
256	1.59341	5.7347E-05	9.1377E-05	1.05E-03	9.55E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
257	1.95519	5.7347E-05	0.00011212	1.05E-03	1.17E-07	1.45	1.57E-01	2.67E-08	1,000,000	2.67E-02
258	1.89012	5.7347E-05	0.00010839	1.05E-03	1.13E-07	1.45	1.57E-01	2.58E-08	1,000,000	2.58E-02
259	1.81387	5.7347E-05	0.00010402	1.05E-03	1.09E-07	1.45	1.57E-01	2.48E-08	1,000,000	2.48E-02
260	1.73062	5.7347E-05	9.9245E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.36E-08	1,000,000	2.36E-02
261	1.64368	5.7347E-05	9.4259E-05	1.05E-03	9.85E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
262	1.55816	5.7347E-05	8.9355E-05	1.05E-03	9.34E-08	1.45	1.57E-01	2.13E-08	1,000,000	2.13E-02
263	1.47497	5.7347E-05	8.4584E-05	1.05E-03	8.84E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
264	1.79232	5.7347E-05	0.00010278	1.05E-03	1.07E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
265	1.73408	5.7347E-05	9.9444E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.37E-08	1,000,000	2.37E-02
266	1.6668	5.7347E-05	9.5585E-05	1.05E-03	9.99E-08	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
267	1.59397	5.7347E-05	9.1409E-05	1.05E-03	9.55E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
268	1.51875	5.7347E-05	8.7095E-05	1.05E-03	9.10E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
269	1.44352	5.7347E-05	8.2781E-05	1.05E-03	8.65E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
270	1.37025	5.7347E-05	7.8579E-05	1.05E-03	8.21E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
271	1.64975	5.7347E-05	9.4607E-05	1.05E-03	9.89E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
272	1.59759	5.7347E-05	9.1616E-05	1.05E-03	9.58E-08	1.45	1.57E-01	2.18E-08	1,000,000	2.18E-02
273	1.53802	5.7347E-05	8.82E-05	1.05E-03	9.22E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
274	1.47386	5.7347E-05	8.4521E-05	1.05E-03	8.83E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
275	1.40763	5.7347E-05	8.0723E-05	1.05E-03	8.44E-08	1.45	1.57E-01	1.92E-08	1,000,000	1.92E-02
276	1.34162	5.7347E-05	7.6937E-05	1.05E-03	8.04E-08	1.45	1.57E-01	1.83E-08	1,000,000	1.83E-02
277	1.27656	5.7347E-05	7.3206E-05	1.05E-03	7.65E-08	1.45	1.57E-01	1.74E-08	1,000,000	1.74E-02
278	1.41921	5.7347E-05	8.1387E-05	1.05E-03	8.51E-08	1.45	1.57E-01	1.94E-08	1,000,000	1.94E-02
279	1.48838	5.7347E-05	8.5353E-05	1.05E-03	8.92E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
280	1.67451	5.7347E-05	9.6027E-05	1.05E-03	1.00E-07	1.45	1.57E-01	2.29E-08	1,000,000	2.29E-02
281	1.65418	5.7347E-05	9.4862E-05	1.05E-03	9.91E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
282	1.8361	5.7347E-05	0.00010529	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
283	1.49743	5.7347E-05	8.5872E-05	1.05E-03	8.98E-08	1.45	1.57E-01	2.05E-08	1,000,000	2.05E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	3.97519	5.7347E-05	0.00022796	1.05E-03	2.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	4.18377	5.7347E-05	0.00023992	1.05E-03	2.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	4.40093	5.7347E-05	0.00025238	1.05E-03	2.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	4.61983	5.7347E-05	0.00026493	1.05E-03	2.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	4.83211	5.7347E-05	0.0002771	1.05E-03	2.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	5.03023	5.7347E-05	0.00028847	1.05E-03	3.02E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	5.20886	5.7347E-05	0.00029871	1.05E-03	3.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	5.36465	5.7347E-05	0.00030764	1.05E-03	3.22E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	5.49506	5.7347E-05	0.00031512	1.05E-03	3.29E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	5.59687	5.7347E-05	0.00032096	1.05E-03	3.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	5.6638	5.7347E-05	0.0003248	1.05E-03	3.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	4.30893	5.7347E-05	0.0002471	1.05E-03	2.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	4.54727	5.7347E-05	0.00026077	1.05E-03	2.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	4.79614	5.7347E-05	0.00027504	1.05E-03	2.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	5.04735	5.7347E-05	0.00028945	1.05E-03	3.03E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	5.29062	5.7347E-05	0.0003034	1.05E-03	3.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	5.51654	5.7347E-05	0.00031635	1.05E-03	3.31E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	5.71838	5.7347E-05	0.00032793	1.05E-03	3.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	5.89181	5.7347E-05	0.00033788	1.05E-03	3.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	6.03335	5.7347E-05	0.00034599	1.05E-03	3.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	6.13871	5.7347E-05	0.00035203	1.05E-03	3.68E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	6.20022	5.7347E-05	0.00035556	1.05E-03	3.72E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	4.68962	5.7347E-05	0.00026893	1.05E-03	2.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	4.9639	5.7347E-05	0.00028466	1.05E-03	2.98E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	5.25122	5.7347E-05	0.00030114	1.05E-03	3.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	5.5417	5.7347E-05	0.0003178	1.05E-03	3.32E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	5.82255	5.7347E-05	0.0003339	1.05E-03	3.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	6.08186	5.7347E-05	0.00034877	1.05E-03	3.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	6.31101	5.7347E-05	0.00036191	1.05E-03	3.78E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	6.50428	5.7347E-05	0.000373	1.05E-03	3.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	6.65693	5.7347E-05	0.00038175	1.05E-03	3.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	6.76322	5.7347E-05	0.00038785	1.05E-03	4.05E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	0.00039075	1.05E-03	4.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	5.12676	5.7347E-05	0.000294	1.05E-03	3.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	5.44487	5.7347E-05	0.00031224	1.05E-03	3.26E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	5.7793	5.7347E-05	0.00033142	1.05E-03	3.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	6.11804	5.7347E-05	0.00035085	1.05E-03	3.67E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	6.44495	5.7347E-05	0.0003696	1.05E-03	3.86E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	6.74472	5.7347E-05	0.00038679	1.05E-03	4.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	7.00613	5.7347E-05	0.00040178	1.05E-03	4.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	7.2215	5.7347E-05	0.00041413	1.05E-03	4.33E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	7.3843	5.7347E-05	0.00042346	1.05E-03	4.43E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	7.48687	5.7347E-05	0.00042935	1.05E-03	4.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	7.51786	5.7347E-05	0.00043112	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	5.63236	5.7347E-05	0.000323	1.05E-03	3.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	6.00456	5.7347E-05	0.00034434	1.05E-03	3.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	6.39743	5.7347E-05	0.00036687	1.05E-03	3.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	6.79621	5.7347E-05	0.00038974	1.05E-03	4.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	7.18024	5.7347E-05	0.00041176	1.05E-03	4.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	7.52951	5.7347E-05	0.00043179	1.05E-03	4.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	7.82912	5.7347E-05	0.00044897	1.05E-03	4.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	8.06862	5.7347E-05	0.00046271	1.05E-03	4.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	8.23891	5.7347E-05	0.00047247	1.05E-03	4.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	8.32982	5.7347E-05	0.00047769	1.05E-03	4.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	8.32798	5.7347E-05	0.00047758	1.05E-03	4.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	6.22188	5.7347E-05	0.0003568	1.05E-03	3.73E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	6.66169	5.7347E-05	0.00038202	1.05E-03	3.99E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	7.12799	5.7347E-05	0.00040877	1.05E-03	4.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	7.60251	5.7347E-05	0.00043598	1.05E-03	4.56E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	8.05835	5.7347E-05	0.00046212	1.05E-03	4.83E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	8.46882	5.7347E-05	0.00048566	1.05E-03	5.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	8.81371	5.7347E-05	0.00050544	1.05E-03	5.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	9.07855	5.7347E-05	0.00052062	1.05E-03	5.44E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	9.2506	5.7347E-05	0.00053049	1.05E-03	5.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	9.31654	5.7347E-05	0.00053427	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

Cancer Risk From Idle 4 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	0.00053111	1.05E-03	5.55E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	6.91539	5.7347E-05	0.00039657	1.05E-03	4.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	7.44093	5.7347E-05	0.00042671	1.05E-03	4.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	8.00093	5.7347E-05	0.00045883	1.05E-03	4.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	8.5725	5.7347E-05	0.0004916	1.05E-03	5.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	9.11999	5.7347E-05	0.000523	1.05E-03	5.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	9.60699	5.7347E-05	0.00055093	1.05E-03	5.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	10.00543	5.7347E-05	0.00057378	1.05E-03	6.00E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	10.29485	5.7347E-05	0.00059037	1.05E-03	6.17E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	10.45741	5.7347E-05	0.0005997	1.05E-03	6.27E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	10.47624	5.7347E-05	0.00060078	1.05E-03	6.28E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	10.33656	5.7347E-05	0.00059277	1.05E-03	6.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	9.49191	5.7347E-05	0.00054433	1.05E-03	5.69E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	10.14227	5.7347E-05	0.00058162	1.05E-03	6.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	10.86169	5.7347E-05	0.00062288	1.05E-03	6.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	11.30189	5.7347E-05	0.00064812	1.05E-03	6.77E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	11.7758	5.7347E-05	0.0006753	1.05E-03	7.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	11.90772	5.7347E-05	0.00068287	1.05E-03	7.14E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	11.84283	5.7347E-05	0.00067915	1.05E-03	7.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	11.57119	5.7347E-05	0.00066357	1.05E-03	6.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	8.83534	5.7347E-05	0.00050668	1.05E-03	5.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	8.12074	5.7347E-05	0.0004657	1.05E-03	4.87E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	5.73E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.27E-08	1,000,000	1.3E-02
2	0.58861	5.7347E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
3	0.62853	5.7347E-05	3.60E-05	6.05E-04	2.18E-08	14	4.71E-02	1.44E-08	1,000,000	1.44E-02
4	0.67216	5.7347E-05	3.85E-05	6.05E-04	2.33E-08	14	4.71E-02	1.54E-08	1,000,000	1.54E-02
5	0.72166	5.7347E-05	4.14E-05	6.05E-04	2.50E-08	14	4.71E-02	1.65E-08	1,000,000	1.65E-02
6	0.54874	5.7347E-05	3.15E-05	6.05E-04	1.90E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
7	0.58348	5.7347E-05	3.35E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
8	0.62239	5.7347E-05	3.57E-05	6.05E-04	2.16E-08	14	4.71E-02	1.43E-08	1,000,000	1.43E-02
9	0.66696	5.7347E-05	3.82E-05	6.05E-04	2.31E-08	14	4.71E-02	1.53E-08	1,000,000	1.53E-02
10	0.71606	5.7347E-05	4.11E-05	6.05E-04	2.48E-08	14	4.71E-02	1.64E-08	1,000,000	1.64E-02
11	0.54366	5.7347E-05	3.12E-05	6.05E-04	1.89E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
12	0.57826	5.7347E-05	3.32E-05	6.05E-04	2.01E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
13	0.61719	5.7347E-05	3.54E-05	6.05E-04	2.14E-08	14	4.71E-02	1.41E-08	1,000,000	1.41E-02
14	0.66195	5.7347E-05	3.80E-05	6.05E-04	2.30E-08	14	4.71E-02	1.52E-08	1,000,000	1.52E-02
15	0.71117	5.7347E-05	4.08E-05	6.05E-04	2.47E-08	14	4.71E-02	1.63E-08	1,000,000	1.63E-02
16	0.53892	5.7347E-05	3.09E-05	6.05E-04	1.87E-08	14	4.71E-02	1.23E-08	1,000,000	1.23E-02
17	0.57375	5.7347E-05	3.29E-05	6.05E-04	1.99E-08	14	4.71E-02	1.31E-08	1,000,000	1.31E-02
18	0.61251	5.7347E-05	3.51E-05	6.05E-04	2.13E-08	14	4.71E-02	1.40E-08	1,000,000	1.40E-02
19	0.65567	5.7347E-05	3.76E-05	6.05E-04	2.28E-08	14	4.71E-02	1.50E-08	1,000,000	1.50E-02
20	0.70538	5.7347E-05	4.05E-05	6.05E-04	2.45E-08	14	4.71E-02	1.62E-08	1,000,000	1.62E-02
21	0.53486	5.7347E-05	3.07E-05	6.05E-04	1.86E-08	14	4.71E-02	1.22E-08	1,000,000	1.22E-02
22	0.56956	5.7347E-05	3.27E-05	6.05E-04	1.98E-08	14	4.71E-02	1.30E-08	1,000,000	1.30E-02
23	0.60852	5.7347E-05	3.49E-05	6.05E-04	2.11E-08	14	4.71E-02	1.39E-08	1,000,000	1.39E-02
24	0.65211	5.7347E-05	3.74E-05	6.05E-04	2.26E-08	14	4.71E-02	1.49E-08	1,000,000	1.49E-02
25	0.70079	5.7347E-05	4.02E-05	6.05E-04	2.43E-08	14	4.71E-02	1.60E-08	1,000,000	1.60E-02
113	2.04061	5.7347E-05	1.17E-04	6.05E-04	7.08E-08	14	4.71E-02	4.67E-08	1,000,000	4.67E-02
114	1.88329	5.7347E-05	1.08E-04	6.05E-04	6.53E-08	14	4.71E-02	4.31E-08	1,000,000	4.31E-02
115	1.74015	5.7347E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.99E-08	1,000,000	3.99E-02
116	1.61089	5.7347E-05	9.24E-05	6.05E-04	5.59E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
117	2.10693	5.7347E-05	1.21E-04	6.05E-04	7.31E-08	14	4.71E-02	4.83E-08	1,000,000	4.83E-02
118	1.93563	5.7347E-05	1.11E-04	6.05E-04	6.72E-08	14	4.71E-02	4.43E-08	1,000,000	4.43E-02
119	1.78215	5.7347E-05	1.02E-04	6.05E-04	6.18E-08	14	4.71E-02	4.08E-08	1,000,000	4.08E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.43E-05	6.05E-04	5.71E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
121	2.1689	5.7347E-05	1.24E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
122	1.98451	5.7347E-05	1.14E-04	6.05E-04	6.89E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
123	1.82122	5.7347E-05	1.04E-04	6.05E-04	6.32E-08	14	4.71E-02	4.17E-08	1,000,000	4.17E-02
124	1.67647	5.7347E-05	9.61E-05	6.05E-04	5.82E-08	14	4.71E-02	3.84E-08	1,000,000	3.84E-02
125	2.22622	5.7347E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
126	2.02948	5.7347E-05	1.16E-04	6.05E-04	7.04E-08	14	4.71E-02	4.65E-08	1,000,000	4.65E-02
127	1.8568	5.7347E-05	1.06E-04	6.05E-04	6.44E-08	14	4.71E-02	4.25E-08	1,000,000	4.25E-02
128	1.70475	5.7347E-05	9.78E-05	6.05E-04	5.92E-08	14	4.71E-02	3.90E-08	1,000,000	3.90E-02
129	2.27829	5.7347E-05	1.31E-04	6.05E-04	7.91E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
130	2.06988	5.7347E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
131	1.88836	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
132	1.72958	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
133	2.32434	5.7347E-05	1.33E-04	6.05E-04	8.07E-08	14	4.71E-02	5.32E-08	1,000,000	5.32E-02
134	2.1052	5.7347E-05	1.21E-04	6.05E-04	7.30E-08	14	4.71E-02	4.82E-08	1,000,000	4.82E-02
135	1.91573	5.7347E-05	1.10E-04	6.05E-04	6.65E-08	14	4.71E-02	4.39E-08	1,000,000	4.39E-02
136	1.75106	5.7347E-05	1.00E-04	6.05E-04	6.08E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
137	2.36399	5.7347E-05	1.36E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
138	1.93925	5.7347E-05	1.11E-04	6.05E-04	6.73E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
139	1.76968	5.7347E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
140	2.4485	5.7347E-05	1.40E-04	6.05E-04	8.50E-08	14	4.71E-02	5.61E-08	1,000,000	5.61E-02
141	2.20041	5.7347E-05	1.26E-04	6.05E-04	7.64E-08	14	4.71E-02	5.04E-08	1,000,000	5.04E-02
142	1.98997	5.7347E-05	1.14E-04	6.05E-04	6.90E-08	14	4.71E-02	4.56E-08	1,000,000	4.56E-02
143	1.80979	5.7347E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
144	2.46473	5.7347E-05	1.41E-04	6.05E-04	8.55E-08	14	4.71E-02	5.64E-08	1,000,000	5.64E-02
145	2.21227	5.7347E-05	1.27E-04	6.05E-04	7.68E-08	14	4.71E-02	5.07E-08	1,000,000	5.07E-02
146	1.99861	5.7347E-05	1.15E-04	6.05E-04	6.93E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
147	1.81603	5.7347E-05	1.04E-04	6.05E-04	6.30E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
148	2.47326	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02
149	2.21783	5.7347E-05	1.27E-04	6.05E-04	7.70E-08	14	4.71E-02	5.08E-08	1,000,000	5.08E-02
150	2.00208	5.7347E-05	1.15E-04	6.05E-04	6.95E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
151	1.81804	5.7347E-05	1.04E-04	6.05E-04	6.31E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
152	2.47365	5.7347E-05	1.42E-04	6.05E-04	8.58E-08	14	4.71E-02	5.66E-08	1,000,000	5.66E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	1.27E-04	6.05E-04	7.69E-08	14	4.71E-02	5.08E-08	1,000,000	5.08E-02
154	2.00048	5.7347E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
155	1.81601	5.7347E-05	1.04E-04	6.05E-04	6.30E-08	14	4.71E-02	4.16E-08	1,000,000	4.16E-02
156	2.46538	5.7347E-05	1.41E-04	6.05E-04	8.55E-08	14	4.71E-02	5.65E-08	1,000,000	5.65E-02
157	2.20934	5.7347E-05	1.27E-04	6.05E-04	7.67E-08	14	4.71E-02	5.06E-08	1,000,000	5.06E-02
158	1.99349	5.7347E-05	1.14E-04	6.05E-04	6.92E-08	14	4.71E-02	4.57E-08	1,000,000	4.57E-02
159	1.80965	5.7347E-05	1.04E-04	6.05E-04	6.28E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
160	2.44658	5.7347E-05	1.40E-04	6.05E-04	8.49E-08	14	4.71E-02	5.60E-08	1,000,000	5.60E-02
161	2.19332	5.7347E-05	1.26E-04	6.05E-04	7.61E-08	14	4.71E-02	5.02E-08	1,000,000	5.02E-02
162	1.97972	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.53E-08	1,000,000	4.53E-02
163	1.79744	5.7347E-05	1.03E-04	6.05E-04	6.24E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
164	2.41472	5.7347E-05	1.38E-04	6.05E-04	8.38E-08	14	4.71E-02	5.53E-08	1,000,000	5.53E-02
165	2.16682	5.7347E-05	1.24E-04	6.05E-04	7.52E-08	14	4.71E-02	4.96E-08	1,000,000	4.96E-02
166	1.95575	5.7347E-05	1.12E-04	6.05E-04	6.79E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
167	1.77704	5.7347E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
168	2.36828	5.7347E-05	1.36E-04	6.05E-04	8.22E-08	14	4.71E-02	5.42E-08	1,000,000	5.42E-02
169	2.12876	5.7347E-05	1.22E-04	6.05E-04	7.39E-08	14	4.71E-02	4.88E-08	1,000,000	4.88E-02
170	1.92374	5.7347E-05	1.10E-04	6.05E-04	6.68E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
171	1.75039	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
172	2.30645	5.7347E-05	1.32E-04	6.05E-04	8.00E-08	14	4.71E-02	5.28E-08	1,000,000	5.28E-02
173	2.07886	5.7347E-05	1.19E-04	6.05E-04	7.21E-08	14	4.71E-02	4.76E-08	1,000,000	4.76E-02
174	1.88301	5.7347E-05	1.08E-04	6.05E-04	6.53E-08	14	4.71E-02	4.31E-08	1,000,000	4.31E-02
175	1.71625	5.7347E-05	9.84E-05	6.05E-04	5.96E-08	14	4.71E-02	3.93E-08	1,000,000	3.93E-02
176	2.22717	5.7347E-05	1.28E-04	6.05E-04	7.73E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
177	2.01604	5.7347E-05	1.16E-04	6.05E-04	7.00E-08	14	4.71E-02	4.62E-08	1,000,000	4.62E-02
178	1.83235	5.7347E-05	1.05E-04	6.05E-04	6.36E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
179	1.67459	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
180	2.12727	5.7347E-05	1.22E-04	6.05E-04	7.38E-08	14	4.71E-02	4.87E-08	1,000,000	4.87E-02
181	1.93704	5.7347E-05	1.11E-04	6.05E-04	6.72E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
182	1.76986	5.7347E-05	1.01E-04	6.05E-04	6.14E-08	14	4.71E-02	4.05E-08	1,000,000	4.05E-02
183	1.62422	5.7347E-05	9.31E-05	6.05E-04	5.64E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
184	2.6291	5.7347E-05	1.51E-04	6.05E-04	9.12E-08	14	4.71E-02	6.02E-08	1,000,000	6.02E-02
185	2.52128	5.7347E-05	1.45E-04	6.05E-04	8.75E-08	14	4.71E-02	5.77E-08	1,000,000	5.77E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	1.31E-04	6.05E-04	7.95E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
187	2.08789	5.7347E-05	1.20E-04	6.05E-04	7.24E-08	14	4.71E-02	4.78E-08	1,000,000	4.78E-02
188	1.90745	5.7347E-05	1.09E-04	6.05E-04	6.62E-08	14	4.71E-02	4.37E-08	1,000,000	4.37E-02
189	2.52303	5.7347E-05	1.45E-04	6.05E-04	8.75E-08	14	4.71E-02	5.78E-08	1,000,000	5.78E-02
190	2.3112	5.7347E-05	1.33E-04	6.05E-04	8.02E-08	14	4.71E-02	5.29E-08	1,000,000	5.29E-02
191	2.12306	5.7347E-05	1.22E-04	6.05E-04	7.37E-08	14	4.71E-02	4.86E-08	1,000,000	4.86E-02
192	1.95424	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
193	1.80023	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
194	2.2766	5.7347E-05	1.31E-04	6.05E-04	7.90E-08	14	4.71E-02	5.21E-08	1,000,000	5.21E-02
195	2.10152	5.7347E-05	1.21E-04	6.05E-04	7.29E-08	14	4.71E-02	4.81E-08	1,000,000	4.81E-02
196	1.94681	5.7347E-05	1.12E-04	6.05E-04	6.76E-08	14	4.71E-02	4.46E-08	1,000,000	4.46E-02
197	1.80646	5.7347E-05	1.04E-04	6.05E-04	6.27E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
198	1.68045	5.7347E-05	9.64E-05	6.05E-04	5.83E-08	14	4.71E-02	3.85E-08	1,000,000	3.85E-02
199	2.06409	5.7347E-05	1.18E-04	6.05E-04	7.16E-08	14	4.71E-02	4.73E-08	1,000,000	4.73E-02
200	1.91097	5.7347E-05	1.10E-04	6.05E-04	6.63E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
201	1.77805	5.7347E-05	1.02E-04	6.05E-04	6.17E-08	14	4.71E-02	4.07E-08	1,000,000	4.07E-02
202	1.66048	5.7347E-05	9.52E-05	6.05E-04	5.76E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
203	1.55518	5.7347E-05	8.92E-05	6.05E-04	5.40E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
204	2.78219	5.7347E-05	1.60E-04	6.05E-04	9.65E-08	14	4.71E-02	6.37E-08	1,000,000	6.37E-02
205	1.88969	5.7347E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
206	1.74924	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
207	1.6284	5.7347E-05	9.34E-05	6.05E-04	5.65E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
208	1.5256	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
209	2.53774	5.7347E-05	1.46E-04	6.05E-04	8.81E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
210	2.29512	5.7347E-05	1.32E-04	6.05E-04	7.96E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
211	2.08388	5.7347E-05	1.20E-04	6.05E-04	7.23E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
212	1.90263	5.7347E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
213	1.74782	5.7347E-05	1.00E-04	6.05E-04	6.06E-08	14	4.71E-02	4.00E-08	1,000,000	4.00E-02
214	1.61559	5.7347E-05	9.26E-05	6.05E-04	5.61E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02
215	1.50352	5.7347E-05	8.62E-05	6.05E-04	5.22E-08	14	4.71E-02	3.44E-08	1,000,000	3.44E-02
216	2.53238	5.7347E-05	1.45E-04	6.05E-04	8.79E-08	14	4.71E-02	5.80E-08	1,000,000	5.80E-02
217	2.32012	5.7347E-05	1.33E-04	6.05E-04	8.05E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
218	2.12576	5.7347E-05	1.22E-04	6.05E-04	7.38E-08	14	4.71E-02	4.87E-08	1,000,000	4.87E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
220	1.79392	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
221	1.65158	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
222	2.2973	5.7347E-05	1.32E-04	6.05E-04	7.97E-08	14	4.71E-02	5.26E-08	1,000,000	5.26E-02
223	2.11761	5.7347E-05	1.21E-04	6.05E-04	7.35E-08	14	4.71E-02	4.85E-08	1,000,000	4.85E-02
224	1.95418	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
225	1.80591	5.7347E-05	1.04E-04	6.05E-04	6.27E-08	14	4.71E-02	4.14E-08	1,000,000	4.14E-02
226	1.66893	5.7347E-05	9.57E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
227	2.09298	5.7347E-05	1.20E-04	6.05E-04	7.26E-08	14	4.71E-02	4.79E-08	1,000,000	4.79E-02
228	1.94001	5.7347E-05	1.11E-04	6.05E-04	6.73E-08	14	4.71E-02	4.44E-08	1,000,000	4.44E-02
229	1.80122	5.7347E-05	1.03E-04	6.05E-04	6.25E-08	14	4.71E-02	4.12E-08	1,000,000	4.12E-02
230	1.67234	5.7347E-05	9.59E-05	6.05E-04	5.80E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
231	1.91445	5.7347E-05	1.10E-04	6.05E-04	6.64E-08	14	4.71E-02	4.38E-08	1,000,000	4.38E-02
232	1.78455	5.7347E-05	1.02E-04	6.05E-04	6.19E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
233	1.66477	5.7347E-05	9.55E-05	6.05E-04	5.78E-08	14	4.71E-02	3.81E-08	1,000,000	3.81E-02
234	1.55329	5.7347E-05	8.91E-05	6.05E-04	5.39E-08	14	4.71E-02	3.56E-08	1,000,000	3.56E-02
235	1.75918	5.7347E-05	1.01E-04	6.05E-04	6.10E-08	14	4.71E-02	4.03E-08	1,000,000	4.03E-02
236	1.64717	5.7347E-05	9.45E-05	6.05E-04	5.72E-08	14	4.71E-02	3.77E-08	1,000,000	3.77E-02
237	1.54241	5.7347E-05	8.85E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
238	1.44603	5.7347E-05	8.29E-05	6.05E-04	5.02E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
239	1.62283	5.7347E-05	9.31E-05	6.05E-04	5.63E-08	14	4.71E-02	3.72E-08	1,000,000	3.72E-02
240	1.5251	5.7347E-05	8.75E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
241	1.43337	5.7347E-05	8.22E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
242	1.3492	5.7347E-05	7.74E-05	6.05E-04	4.68E-08	14	4.71E-02	3.09E-08	1,000,000	3.09E-02
243	2.36207	5.7347E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
244	2.27926	5.7347E-05	1.31E-04	6.05E-04	7.91E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
245	2.1789	5.7347E-05	1.25E-04	6.05E-04	7.56E-08	14	4.71E-02	4.99E-08	1,000,000	4.99E-02
246	2.06777	5.7347E-05	1.19E-04	6.05E-04	7.17E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02
247	1.95153	5.7347E-05	1.12E-04	6.05E-04	6.77E-08	14	4.71E-02	4.47E-08	1,000,000	4.47E-02
248	1.83804	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
249	1.72915	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
250	2.1434	5.7347E-05	1.23E-04	6.05E-04	7.44E-08	14	4.71E-02	4.91E-08	1,000,000	4.91E-02
251	2.07015	5.7347E-05	1.19E-04	6.05E-04	7.18E-08	14	4.71E-02	4.74E-08	1,000,000	4.74E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	1.14E-04	6.05E-04	6.88E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
253	1.88713	5.7347E-05	1.08E-04	6.05E-04	6.55E-08	14	4.71E-02	4.32E-08	1,000,000	4.32E-02
254	1.78696	5.7347E-05	1.02E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
255	1.68889	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
256	1.59341	5.7347E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
257	1.95519	5.7347E-05	1.12E-04	6.05E-04	6.78E-08	14	4.71E-02	4.48E-08	1,000,000	4.48E-02
258	1.89012	5.7347E-05	1.08E-04	6.05E-04	6.56E-08	14	4.71E-02	4.33E-08	1,000,000	4.33E-02
259	1.81387	5.7347E-05	1.04E-04	6.05E-04	6.29E-08	14	4.71E-02	4.15E-08	1,000,000	4.15E-02
260	1.73062	5.7347E-05	9.92E-05	6.05E-04	6.01E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
261	1.64368	5.7347E-05	9.43E-05	6.05E-04	5.70E-08	14	4.71E-02	3.76E-08	1,000,000	3.76E-02
262	1.55816	5.7347E-05	8.94E-05	6.05E-04	5.41E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
263	1.47497	5.7347E-05	8.46E-05	6.05E-04	5.12E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
264	1.79232	5.7347E-05	1.03E-04	6.05E-04	6.22E-08	14	4.71E-02	4.10E-08	1,000,000	4.10E-02
265	1.73408	5.7347E-05	9.94E-05	6.05E-04	6.02E-08	14	4.71E-02	3.97E-08	1,000,000	3.97E-02
266	1.6668	5.7347E-05	9.56E-05	6.05E-04	5.78E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
267	1.59397	5.7347E-05	9.14E-05	6.05E-04	5.53E-08	14	4.71E-02	3.65E-08	1,000,000	3.65E-02
268	1.51875	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
269	1.44352	5.7347E-05	8.28E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
270	1.37025	5.7347E-05	7.86E-05	6.05E-04	4.75E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
271	1.64975	5.7347E-05	9.46E-05	6.05E-04	5.72E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
272	1.59759	5.7347E-05	9.16E-05	6.05E-04	5.54E-08	14	4.71E-02	3.66E-08	1,000,000	3.66E-02
273	1.53802	5.7347E-05	8.82E-05	6.05E-04	5.34E-08	14	4.71E-02	3.52E-08	1,000,000	3.52E-02
274	1.47386	5.7347E-05	8.45E-05	6.05E-04	5.11E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
275	1.40763	5.7347E-05	8.07E-05	6.05E-04	4.88E-08	14	4.71E-02	3.22E-08	1,000,000	3.22E-02
276	1.34162	5.7347E-05	7.69E-05	6.05E-04	4.66E-08	14	4.71E-02	3.07E-08	1,000,000	3.07E-02
277	1.27656	5.7347E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
278	1.41921	5.7347E-05	8.14E-05	6.05E-04	4.92E-08	14	4.71E-02	3.25E-08	1,000,000	3.25E-02
279	1.48838	5.7347E-05	8.54E-05	6.05E-04	5.16E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
280	1.67451	5.7347E-05	9.60E-05	6.05E-04	5.81E-08	14	4.71E-02	3.83E-08	1,000,000	3.83E-02
281	1.65418	5.7347E-05	9.49E-05	6.05E-04	5.74E-08	14	4.71E-02	3.79E-08	1,000,000	3.79E-02
282	1.8361	5.7347E-05	1.05E-04	6.05E-04	6.37E-08	14	4.71E-02	4.20E-08	1,000,000	4.20E-02
283	1.49743	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	3.97519	5.7347E-05	2.28E-04	6.05E-04	1.38E-07	10	4.71E-02	6.50E-08	1,000,000	6.50E-02
27	4.18377	5.7347E-05	2.40E-04	6.05E-04	1.45E-07	10	4.71E-02	6.84E-08	1,000,000	6.84E-02
28	4.40093	5.7347E-05	2.52E-04	6.05E-04	1.53E-07	10	4.71E-02	7.20E-08	1,000,000	7.20E-02
29	4.61983	5.7347E-05	2.65E-04	6.05E-04	1.60E-07	10	4.71E-02	7.56E-08	1,000,000	7.56E-02
30	4.83211	5.7347E-05	2.77E-04	6.05E-04	1.68E-07	10	4.71E-02	7.90E-08	1,000,000	7.90E-02
31	5.03023	5.7347E-05	2.88E-04	6.05E-04	1.75E-07	10	4.71E-02	8.23E-08	1,000,000	8.23E-02
32	5.20886	5.7347E-05	2.99E-04	6.05E-04	1.81E-07	10	4.71E-02	8.52E-08	1,000,000	8.52E-02
33	5.36465	5.7347E-05	3.08E-04	6.05E-04	1.86E-07	10	4.71E-02	8.78E-08	1,000,000	8.78E-02
34	5.49506	5.7347E-05	3.15E-04	6.05E-04	1.91E-07	10	4.71E-02	8.99E-08	1,000,000	8.99E-02
35	5.59687	5.7347E-05	3.21E-04	6.05E-04	1.94E-07	10	4.71E-02	9.16E-08	1,000,000	9.16E-02
36	5.6638	5.7347E-05	3.25E-04	6.05E-04	1.97E-07	10	4.71E-02	9.26E-08	1,000,000	9.26E-02
37	4.30893	5.7347E-05	2.47E-04	6.05E-04	1.50E-07	10	4.71E-02	7.05E-08	1,000,000	7.05E-02
38	4.54727	5.7347E-05	2.61E-04	6.05E-04	1.58E-07	10	4.71E-02	7.44E-08	1,000,000	7.44E-02
39	4.79614	5.7347E-05	2.75E-04	6.05E-04	1.66E-07	10	4.71E-02	7.85E-08	1,000,000	7.85E-02
40	5.04735	5.7347E-05	2.89E-04	6.05E-04	1.75E-07	10	4.71E-02	8.26E-08	1,000,000	8.26E-02
41	5.29062	5.7347E-05	3.03E-04	6.05E-04	1.84E-07	10	4.71E-02	8.65E-08	1,000,000	8.65E-02
42	5.51654	5.7347E-05	3.16E-04	6.05E-04	1.91E-07	10	4.71E-02	9.02E-08	1,000,000	9.02E-02
43	5.71838	5.7347E-05	3.28E-04	6.05E-04	1.98E-07	10	4.71E-02	9.35E-08	1,000,000	9.35E-02
44	5.89181	5.7347E-05	3.38E-04	6.05E-04	2.04E-07	10	4.71E-02	9.64E-08	1,000,000	9.64E-02
45	6.03335	5.7347E-05	3.46E-04	6.05E-04	2.09E-07	10	4.71E-02	9.87E-08	1,000,000	9.87E-02
46	6.13871	5.7347E-05	3.52E-04	6.05E-04	2.13E-07	10	4.71E-02	1.00E-07	1,000,000	1.00E-01
47	6.20022	5.7347E-05	3.56E-04	6.05E-04	2.15E-07	10	4.71E-02	1.01E-07	1,000,000	1.01E-01
48	4.68962	5.7347E-05	2.69E-04	6.05E-04	1.63E-07	10	4.71E-02	7.67E-08	1,000,000	7.67E-02
49	4.9639	5.7347E-05	2.85E-04	6.05E-04	1.72E-07	10	4.71E-02	8.12E-08	1,000,000	8.12E-02
50	5.25122	5.7347E-05	3.01E-04	6.05E-04	1.82E-07	10	4.71E-02	8.59E-08	1,000,000	8.59E-02
51	5.5417	5.7347E-05	3.18E-04	6.05E-04	1.92E-07	10	4.71E-02	9.07E-08	1,000,000	9.07E-02
52	5.82255	5.7347E-05	3.34E-04	6.05E-04	2.02E-07	10	4.71E-02	9.52E-08	1,000,000	9.52E-02
53	6.08186	5.7347E-05	3.49E-04	6.05E-04	2.11E-07	10	4.71E-02	9.95E-08	1,000,000	9.95E-02
54	6.31101	5.7347E-05	3.62E-04	6.05E-04	2.19E-07	10	4.71E-02	1.03E-07	1,000,000	1.03E-01
55	6.50428	5.7347E-05	3.73E-04	6.05E-04	2.26E-07	10	4.71E-02	1.06E-07	1,000,000	1.06E-01
56	6.65693	5.7347E-05	3.82E-04	6.05E-04	2.31E-07	10	4.71E-02	1.09E-07	1,000,000	1.09E-01
57	6.76322	5.7347E-05	3.88E-04	6.05E-04	2.35E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	3.91E-04	6.05E-04	2.36E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01
59	5.12676	5.7347E-05	2.94E-04	6.05E-04	1.78E-07	10	4.71E-02	8.39E-08	1,000,000	8.39E-02
60	5.44487	5.7347E-05	3.12E-04	6.05E-04	1.89E-07	10	4.71E-02	8.91E-08	1,000,000	8.91E-02
61	5.7793	5.7347E-05	3.31E-04	6.05E-04	2.01E-07	10	4.71E-02	9.45E-08	1,000,000	9.45E-02
62	6.11804	5.7347E-05	3.51E-04	6.05E-04	2.12E-07	10	4.71E-02	1.00E-07	1,000,000	1.00E-01
63	6.44495	5.7347E-05	3.70E-04	6.05E-04	2.24E-07	10	4.71E-02	1.05E-07	1,000,000	1.05E-01
64	6.74472	5.7347E-05	3.87E-04	6.05E-04	2.34E-07	10	4.71E-02	1.10E-07	1,000,000	1.10E-01
65	7.00613	5.7347E-05	4.02E-04	6.05E-04	2.43E-07	10	4.71E-02	1.15E-07	1,000,000	1.15E-01
66	7.2215	5.7347E-05	4.14E-04	6.05E-04	2.51E-07	10	4.71E-02	1.18E-07	1,000,000	1.18E-01
67	7.3843	5.7347E-05	4.23E-04	6.05E-04	2.56E-07	10	4.71E-02	1.21E-07	1,000,000	1.21E-01
68	7.48687	5.7347E-05	4.29E-04	6.05E-04	2.60E-07	10	4.71E-02	1.22E-07	1,000,000	1.22E-01
69	7.51786	5.7347E-05	4.31E-04	6.05E-04	2.61E-07	10	4.71E-02	1.23E-07	1,000,000	1.23E-01
70	5.63236	5.7347E-05	3.23E-04	6.05E-04	1.95E-07	10	4.71E-02	9.21E-08	1,000,000	9.21E-02
71	6.00456	5.7347E-05	3.44E-04	6.05E-04	2.08E-07	10	4.71E-02	9.82E-08	1,000,000	9.82E-02
72	6.39743	5.7347E-05	3.67E-04	6.05E-04	2.22E-07	10	4.71E-02	1.05E-07	1,000,000	1.05E-01
73	6.79621	5.7347E-05	3.90E-04	6.05E-04	2.36E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01
74	7.18024	5.7347E-05	4.12E-04	6.05E-04	2.49E-07	10	4.71E-02	1.17E-07	1,000,000	1.17E-01
75	7.52951	5.7347E-05	4.32E-04	6.05E-04	2.61E-07	10	4.71E-02	1.23E-07	1,000,000	1.23E-01
76	7.82912	5.7347E-05	4.49E-04	6.05E-04	2.72E-07	10	4.71E-02	1.28E-07	1,000,000	1.28E-01
77	8.06862	5.7347E-05	4.63E-04	6.05E-04	2.80E-07	10	4.71E-02	1.32E-07	1,000,000	1.32E-01
78	8.23891	5.7347E-05	4.72E-04	6.05E-04	2.86E-07	10	4.71E-02	1.35E-07	1,000,000	1.35E-01
79	8.32982	5.7347E-05	4.78E-04	6.05E-04	2.89E-07	10	4.71E-02	1.36E-07	1,000,000	1.36E-01
80	8.32798	5.7347E-05	4.78E-04	6.05E-04	2.89E-07	10	4.71E-02	1.36E-07	1,000,000	1.36E-01
81	6.22188	5.7347E-05	3.57E-04	6.05E-04	2.16E-07	10	4.71E-02	1.02E-07	1,000,000	1.02E-01
82	6.66169	5.7347E-05	3.82E-04	6.05E-04	2.31E-07	10	4.71E-02	1.09E-07	1,000,000	1.09E-01
83	7.12799	5.7347E-05	4.09E-04	6.05E-04	2.47E-07	10	4.71E-02	1.17E-07	1,000,000	1.17E-01
84	7.60251	5.7347E-05	4.36E-04	6.05E-04	2.64E-07	10	4.71E-02	1.24E-07	1,000,000	1.24E-01
85	8.05835	5.7347E-05	4.62E-04	6.05E-04	2.80E-07	10	4.71E-02	1.32E-07	1,000,000	1.32E-01
86	8.46882	5.7347E-05	4.86E-04	6.05E-04	2.94E-07	10	4.71E-02	1.39E-07	1,000,000	1.39E-01
87	8.81371	5.7347E-05	5.05E-04	6.05E-04	3.06E-07	10	4.71E-02	1.44E-07	1,000,000	1.44E-01
88	9.07855	5.7347E-05	5.21E-04	6.05E-04	3.15E-07	10	4.71E-02	1.49E-07	1,000,000	1.49E-01
89	9.2506	5.7347E-05	5.30E-04	6.05E-04	3.21E-07	10	4.71E-02	1.51E-07	1,000,000	1.51E-01
90	9.31654	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	10	4.71E-02	1.52E-07	1,000,000	1.52E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	5.31E-04	6.05E-04	3.21E-07	10	4.71E-02	1.51E-07	1,000,000	1.51E-01
92	6.91539	5.7347E-05	3.97E-04	6.05E-04	2.40E-07	10	4.71E-02	1.13E-07	1,000,000	1.13E-01
93	7.44093	5.7347E-05	4.27E-04	6.05E-04	2.58E-07	10	4.71E-02	1.22E-07	1,000,000	1.22E-01
94	8.00093	5.7347E-05	4.59E-04	6.05E-04	2.78E-07	10	4.71E-02	1.31E-07	1,000,000	1.31E-01
95	8.5725	5.7347E-05	4.92E-04	6.05E-04	2.97E-07	10	4.71E-02	1.40E-07	1,000,000	1.40E-01
96	9.11999	5.7347E-05	5.23E-04	6.05E-04	3.16E-07	10	4.71E-02	1.49E-07	1,000,000	1.49E-01
97	9.60699	5.7347E-05	5.51E-04	6.05E-04	3.33E-07	10	4.71E-02	1.57E-07	1,000,000	1.57E-01
98	10.00543	5.7347E-05	5.74E-04	6.05E-04	3.47E-07	10	4.71E-02	1.64E-07	1,000,000	1.64E-01
99	10.29485	5.7347E-05	5.90E-04	6.05E-04	3.57E-07	10	4.71E-02	1.68E-07	1,000,000	1.68E-01
100	10.45741	5.7347E-05	6.00E-04	6.05E-04	3.63E-07	10	4.71E-02	1.71E-07	1,000,000	1.71E-01
101	10.47624	5.7347E-05	6.01E-04	6.05E-04	3.64E-07	10	4.71E-02	1.71E-07	1,000,000	1.71E-01
102	10.33656	5.7347E-05	5.93E-04	6.05E-04	3.59E-07	10	4.71E-02	1.69E-07	1,000,000	1.69E-01
103	9.49191	5.7347E-05	5.44E-04	6.05E-04	3.29E-07	10	4.71E-02	1.55E-07	1,000,000	1.55E-01
104	10.14227	5.7347E-05	5.82E-04	6.05E-04	3.52E-07	10	4.71E-02	1.66E-07	1,000,000	1.66E-01
105	10.86169	5.7347E-05	6.23E-04	6.05E-04	3.77E-07	10	4.71E-02	1.78E-07	1,000,000	1.78E-01
106	11.30189	5.7347E-05	6.48E-04	6.05E-04	3.92E-07	10	4.71E-02	1.85E-07	1,000,000	1.85E-01
107	11.7758	5.7347E-05	6.75E-04	6.05E-04	4.09E-07	10	4.71E-02	1.93E-07	1,000,000	1.93E-01
108	11.90772	5.7347E-05	6.83E-04	6.05E-04	4.13E-07	10	4.71E-02	1.95E-07	1,000,000	1.95E-01
109	11.84283	5.7347E-05	6.79E-04	6.05E-04	4.11E-07	10	4.71E-02	1.94E-07	1,000,000	1.94E-01
110	11.57119	5.7347E-05	6.64E-04	6.05E-04	4.02E-07	10	4.71E-02	1.89E-07	1,000,000	1.89E-01
111	8.83534	5.7347E-05	5.07E-04	6.05E-04	3.07E-07	10	4.71E-02	1.45E-07	1,000,000	1.45E-01
112	8.12074	5.7347E-05	4.66E-04	6.05E-04	2.82E-07	10	4.71E-02	1.33E-07	1,000,000	1.33E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.55336	5.73E-05	3.17E-05	2.50E-04	7.94E-09	14	1.15E-02	1.28E-09	1000000.0	1.3E-03
2	0.58861	5.7347E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
3	0.62853	5.7347E-05	3.60E-05	2.50E-04	9.02E-09	14	1.15E-02	1.45E-09	1,000,000	1.45E-03
4	0.67216	5.7347E-05	3.85E-05	2.50E-04	9.65E-09	14	1.15E-02	1.55E-09	1,000,000	1.55E-03
5	0.72166	5.7347E-05	4.14E-05	2.50E-04	1.04E-08	14	1.15E-02	1.66E-09	1,000,000	1.66E-03
6	0.54874	5.7347E-05	3.15E-05	2.50E-04	7.88E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
7	0.58348	5.7347E-05	3.35E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
8	0.62239	5.7347E-05	3.57E-05	2.50E-04	8.93E-09	14	1.15E-02	1.43E-09	1,000,000	1.43E-03
9	0.66696	5.7347E-05	3.82E-05	2.50E-04	9.57E-09	14	1.15E-02	1.54E-09	1,000,000	1.54E-03
10	0.71606	5.7347E-05	4.11E-05	2.50E-04	1.03E-08	14	1.15E-02	1.65E-09	1,000,000	1.65E-03
11	0.54366	5.7347E-05	3.12E-05	2.50E-04	7.80E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
12	0.57826	5.7347E-05	3.32E-05	2.50E-04	8.30E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
13	0.61719	5.7347E-05	3.54E-05	2.50E-04	8.86E-09	14	1.15E-02	1.42E-09	1,000,000	1.42E-03
14	0.66195	5.7347E-05	3.80E-05	2.50E-04	9.50E-09	14	1.15E-02	1.53E-09	1,000,000	1.53E-03
15	0.71117	5.7347E-05	4.08E-05	2.50E-04	1.02E-08	14	1.15E-02	1.64E-09	1,000,000	1.64E-03
16	0.53892	5.7347E-05	3.09E-05	2.50E-04	7.73E-09	14	1.15E-02	1.24E-09	1,000,000	1.24E-03
17	0.57375	5.7347E-05	3.29E-05	2.50E-04	8.23E-09	14	1.15E-02	1.32E-09	1,000,000	1.32E-03
18	0.61251	5.7347E-05	3.51E-05	2.50E-04	8.79E-09	14	1.15E-02	1.41E-09	1,000,000	1.41E-03
19	0.65567	5.7347E-05	3.76E-05	2.50E-04	9.41E-09	14	1.15E-02	1.51E-09	1,000,000	1.51E-03
20	0.70538	5.7347E-05	4.05E-05	2.50E-04	1.01E-08	14	1.15E-02	1.63E-09	1,000,000	1.63E-03
21	0.53486	5.7347E-05	3.07E-05	2.50E-04	7.68E-09	14	1.15E-02	1.23E-09	1,000,000	1.23E-03
22	0.56956	5.7347E-05	3.27E-05	2.50E-04	8.17E-09	14	1.15E-02	1.31E-09	1,000,000	1.31E-03
23	0.60852	5.7347E-05	3.49E-05	2.50E-04	8.73E-09	14	1.15E-02	1.40E-09	1,000,000	1.40E-03
24	0.65211	5.7347E-05	3.74E-05	2.50E-04	9.36E-09	14	1.15E-02	1.50E-09	1,000,000	1.50E-03
25	0.70079	5.7347E-05	4.02E-05	2.50E-04	1.01E-08	14	1.15E-02	1.62E-09	1,000,000	1.62E-03
113	2.04061	5.7347E-05	1.17E-04	2.50E-04	2.93E-08	14	1.15E-02	4.70E-09	1,000,000	4.70E-03
114	1.88329	5.7347E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.34E-09	1,000,000	4.34E-03
115	1.74015	5.7347E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
116	1.61089	5.7347E-05	9.24E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
117	2.10693	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.86E-09	1,000,000	4.86E-03
118	1.93563	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
119	1.78215	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.11E-09	1,000,000	4.11E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	1.64501	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
121	2.1689	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
122	1.98451	5.7347E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
123	1.82122	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.20E-09	1,000,000	4.20E-03
124	1.67647	5.7347E-05	9.61E-05	2.50E-04	2.41E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
125	2.22622	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
126	2.02948	5.7347E-05	1.16E-04	2.50E-04	2.91E-08	14	1.15E-02	4.68E-09	1,000,000	4.68E-03
127	1.8568	5.7347E-05	1.06E-04	2.50E-04	2.66E-08	14	1.15E-02	4.28E-09	1,000,000	4.28E-03
128	1.70475	5.7347E-05	9.78E-05	2.50E-04	2.45E-08	14	1.15E-02	3.93E-09	1,000,000	3.93E-03
129	2.27829	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
130	2.06988	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
131	1.88836	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
132	1.72958	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
133	2.32434	5.7347E-05	1.33E-04	2.50E-04	3.34E-08	14	1.15E-02	5.36E-09	1,000,000	5.36E-03
134	2.1052	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.85E-09	1,000,000	4.85E-03
135	1.91573	5.7347E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.42E-09	1,000,000	4.42E-03
136	1.75106	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
137	2.36399	5.7347E-05	1.36E-04	2.50E-04	3.39E-08	14	1.15E-02	5.45E-09	1,000,000	5.45E-03
138	1.93925	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.47E-09	1,000,000	4.47E-03
139	1.76968	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
140	2.4485	5.7347E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
141	2.20041	5.7347E-05	1.26E-04	2.50E-04	3.16E-08	14	1.15E-02	5.07E-09	1,000,000	5.07E-03
142	1.98997	5.7347E-05	1.14E-04	2.50E-04	2.86E-08	14	1.15E-02	4.59E-09	1,000,000	4.59E-03
143	1.80979	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
144	2.46473	5.7347E-05	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.68E-09	1,000,000	5.68E-03
145	2.21227	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.10E-09	1,000,000	5.10E-03
146	1.99861	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
147	1.81603	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
148	2.47326	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03
149	2.21783	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
150	2.00208	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
151	1.81804	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
152	2.47365	5.7347E-05	1.42E-04	2.50E-04	3.55E-08	14	1.15E-02	5.70E-09	1,000,000	5.70E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.21698	5.7347E-05	1.27E-04	2.50E-04	3.18E-08	14	1.15E-02	5.11E-09	1,000,000	5.11E-03
154	2.00048	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
155	1.81601	5.7347E-05	1.04E-04	2.50E-04	2.61E-08	14	1.15E-02	4.19E-09	1,000,000	4.19E-03
156	2.46538	5.7347E-05	1.41E-04	2.50E-04	3.54E-08	14	1.15E-02	5.68E-09	1,000,000	5.68E-03
157	2.20934	5.7347E-05	1.27E-04	2.50E-04	3.17E-08	14	1.15E-02	5.09E-09	1,000,000	5.09E-03
158	1.99349	5.7347E-05	1.14E-04	2.50E-04	2.86E-08	14	1.15E-02	4.59E-09	1,000,000	4.59E-03
159	1.80965	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.17E-09	1,000,000	4.17E-03
160	2.44658	5.7347E-05	1.40E-04	2.50E-04	3.51E-08	14	1.15E-02	5.64E-09	1,000,000	5.64E-03
161	2.19332	5.7347E-05	1.26E-04	2.50E-04	3.15E-08	14	1.15E-02	5.06E-09	1,000,000	5.06E-03
162	1.97972	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
163	1.79744	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
164	2.41472	5.7347E-05	1.38E-04	2.50E-04	3.47E-08	14	1.15E-02	5.57E-09	1,000,000	5.57E-03
165	2.16682	5.7347E-05	1.24E-04	2.50E-04	3.11E-08	14	1.15E-02	4.99E-09	1,000,000	4.99E-03
166	1.95575	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
167	1.77704	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
168	2.36828	5.7347E-05	1.36E-04	2.50E-04	3.40E-08	14	1.15E-02	5.46E-09	1,000,000	5.46E-03
169	2.12876	5.7347E-05	1.22E-04	2.50E-04	3.06E-08	14	1.15E-02	4.91E-09	1,000,000	4.91E-03
170	1.92374	5.7347E-05	1.10E-04	2.50E-04	2.76E-08	14	1.15E-02	4.43E-09	1,000,000	4.43E-03
171	1.75039	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
172	2.30645	5.7347E-05	1.32E-04	2.50E-04	3.31E-08	14	1.15E-02	5.32E-09	1,000,000	5.32E-03
173	2.07886	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.79E-09	1,000,000	4.79E-03
174	1.88301	5.7347E-05	1.08E-04	2.50E-04	2.70E-08	14	1.15E-02	4.34E-09	1,000,000	4.34E-03
175	1.71625	5.7347E-05	9.84E-05	2.50E-04	2.46E-08	14	1.15E-02	3.96E-09	1,000,000	3.96E-03
176	2.22717	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03
177	2.01604	5.7347E-05	1.16E-04	2.50E-04	2.89E-08	14	1.15E-02	4.65E-09	1,000,000	4.65E-03
178	1.83235	5.7347E-05	1.05E-04	2.50E-04	2.63E-08	14	1.15E-02	4.22E-09	1,000,000	4.22E-03
179	1.67459	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
180	2.12727	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03
181	1.93704	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.46E-09	1,000,000	4.46E-03
182	1.76986	5.7347E-05	1.01E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
183	1.62422	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
184	2.6291	5.7347E-05	1.51E-04	2.50E-04	3.77E-08	14	1.15E-02	6.06E-09	1,000,000	6.06E-03
185	2.52128	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.81E-09	1,000,000	5.81E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.29096	5.7347E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
187	2.08789	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.81E-09	1,000,000	4.81E-03
188	1.90745	5.7347E-05	1.09E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
189	2.52303	5.7347E-05	1.45E-04	2.50E-04	3.62E-08	14	1.15E-02	5.82E-09	1,000,000	5.82E-03
190	2.3112	5.7347E-05	1.33E-04	2.50E-04	3.32E-08	14	1.15E-02	5.33E-09	1,000,000	5.33E-03
191	2.12306	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.89E-09	1,000,000	4.89E-03
192	1.95424	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
193	1.80023	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
194	2.2766	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
195	2.10152	5.7347E-05	1.21E-04	2.50E-04	3.02E-08	14	1.15E-02	4.84E-09	1,000,000	4.84E-03
196	1.94681	5.7347E-05	1.12E-04	2.50E-04	2.79E-08	14	1.15E-02	4.49E-09	1,000,000	4.49E-03
197	1.80646	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
198	1.68045	5.7347E-05	9.64E-05	2.50E-04	2.41E-08	14	1.15E-02	3.87E-09	1,000,000	3.87E-03
199	2.06409	5.7347E-05	1.18E-04	2.50E-04	2.96E-08	14	1.15E-02	4.76E-09	1,000,000	4.76E-03
200	1.91097	5.7347E-05	1.10E-04	2.50E-04	2.74E-08	14	1.15E-02	4.40E-09	1,000,000	4.40E-03
201	1.77805	5.7347E-05	1.02E-04	2.50E-04	2.55E-08	14	1.15E-02	4.10E-09	1,000,000	4.10E-03
202	1.66048	5.7347E-05	9.52E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
203	1.55518	5.7347E-05	8.92E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
204	2.78219	5.7347E-05	1.60E-04	2.50E-04	3.99E-08	14	1.15E-02	6.41E-09	1,000,000	6.41E-03
205	1.88969	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
206	1.74924	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
207	1.6284	5.7347E-05	9.34E-05	2.50E-04	2.34E-08	14	1.15E-02	3.75E-09	1,000,000	3.75E-03
208	1.5256	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
209	2.53774	5.7347E-05	1.46E-04	2.50E-04	3.64E-08	14	1.15E-02	5.85E-09	1,000,000	5.85E-03
210	2.29512	5.7347E-05	1.32E-04	2.50E-04	3.29E-08	14	1.15E-02	5.29E-09	1,000,000	5.29E-03
211	2.08388	5.7347E-05	1.20E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
212	1.90263	5.7347E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
213	1.74782	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.03E-09	1,000,000	4.03E-03
214	1.61559	5.7347E-05	9.26E-05	2.50E-04	2.32E-08	14	1.15E-02	3.72E-09	1,000,000	3.72E-03
215	1.50352	5.7347E-05	8.62E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
216	2.53238	5.7347E-05	1.45E-04	2.50E-04	3.63E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
217	2.32012	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
218	2.12576	5.7347E-05	1.22E-04	2.50E-04	3.05E-08	14	1.15E-02	4.90E-09	1,000,000	4.90E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.95209	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
220	1.79392	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
221	1.65158	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
222	2.2973	5.7347E-05	1.32E-04	2.50E-04	3.30E-08	14	1.15E-02	5.30E-09	1,000,000	5.30E-03
223	2.11761	5.7347E-05	1.21E-04	2.50E-04	3.04E-08	14	1.15E-02	4.88E-09	1,000,000	4.88E-03
224	1.95418	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
225	1.80591	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
226	1.66893	5.7347E-05	9.57E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
227	2.09298	5.7347E-05	1.20E-04	2.50E-04	3.00E-08	14	1.15E-02	4.82E-09	1,000,000	4.82E-03
228	1.94001	5.7347E-05	1.11E-04	2.50E-04	2.78E-08	14	1.15E-02	4.47E-09	1,000,000	4.47E-03
229	1.80122	5.7347E-05	1.03E-04	2.50E-04	2.59E-08	14	1.15E-02	4.15E-09	1,000,000	4.15E-03
230	1.67234	5.7347E-05	9.59E-05	2.50E-04	2.40E-08	14	1.15E-02	3.85E-09	1,000,000	3.85E-03
231	1.91445	5.7347E-05	1.10E-04	2.50E-04	2.75E-08	14	1.15E-02	4.41E-09	1,000,000	4.41E-03
232	1.78455	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.11E-09	1,000,000	4.11E-03
233	1.66477	5.7347E-05	9.55E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
234	1.55329	5.7347E-05	8.91E-05	2.50E-04	2.23E-08	14	1.15E-02	3.58E-09	1,000,000	3.58E-03
235	1.75918	5.7347E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.05E-09	1,000,000	4.05E-03
236	1.64717	5.7347E-05	9.45E-05	2.50E-04	2.36E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
237	1.54241	5.7347E-05	8.85E-05	2.50E-04	2.21E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
238	1.44603	5.7347E-05	8.29E-05	2.50E-04	2.08E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
239	1.62283	5.7347E-05	9.31E-05	2.50E-04	2.33E-08	14	1.15E-02	3.74E-09	1,000,000	3.74E-03
240	1.5251	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
241	1.43337	5.7347E-05	8.22E-05	2.50E-04	2.06E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
242	1.3492	5.7347E-05	7.74E-05	2.50E-04	1.94E-08	14	1.15E-02	3.11E-09	1,000,000	3.11E-03
243	2.36207	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
244	2.27926	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.25E-09	1,000,000	5.25E-03
245	2.1789	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.02E-09	1,000,000	5.02E-03
246	2.06777	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03
247	1.95153	5.7347E-05	1.12E-04	2.50E-04	2.80E-08	14	1.15E-02	4.50E-09	1,000,000	4.50E-03
248	1.83804	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
249	1.72915	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
250	2.1434	5.7347E-05	1.23E-04	2.50E-04	3.08E-08	14	1.15E-02	4.94E-09	1,000,000	4.94E-03
251	2.07015	5.7347E-05	1.19E-04	2.50E-04	2.97E-08	14	1.15E-02	4.77E-09	1,000,000	4.77E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.98298	5.7347E-05	1.14E-04	2.50E-04	2.85E-08	14	1.15E-02	4.57E-09	1,000,000	4.57E-03
253	1.88713	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.35E-09	1,000,000	4.35E-03
254	1.78696	5.7347E-05	1.02E-04	2.50E-04	2.56E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
255	1.68889	5.7347E-05	9.69E-05	2.50E-04	2.42E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
256	1.59341	5.7347E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
257	1.95519	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.51E-09	1,000,000	4.51E-03
258	1.89012	5.7347E-05	1.08E-04	2.50E-04	2.71E-08	14	1.15E-02	4.36E-09	1,000,000	4.36E-03
259	1.81387	5.7347E-05	1.04E-04	2.50E-04	2.60E-08	14	1.15E-02	4.18E-09	1,000,000	4.18E-03
260	1.73062	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
261	1.64368	5.7347E-05	9.43E-05	2.50E-04	2.36E-08	14	1.15E-02	3.79E-09	1,000,000	3.79E-03
262	1.55816	5.7347E-05	8.94E-05	2.50E-04	2.24E-08	14	1.15E-02	3.59E-09	1,000,000	3.59E-03
263	1.47497	5.7347E-05	8.46E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
264	1.79232	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.13E-09	1,000,000	4.13E-03
265	1.73408	5.7347E-05	9.94E-05	2.50E-04	2.49E-08	14	1.15E-02	4.00E-09	1,000,000	4.00E-03
266	1.6668	5.7347E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
267	1.59397	5.7347E-05	9.14E-05	2.50E-04	2.29E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
268	1.51875	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
269	1.44352	5.7347E-05	8.28E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
270	1.37025	5.7347E-05	7.86E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
271	1.64975	5.7347E-05	9.46E-05	2.50E-04	2.37E-08	14	1.15E-02	3.80E-09	1,000,000	3.80E-03
272	1.59759	5.7347E-05	9.16E-05	2.50E-04	2.29E-08	14	1.15E-02	3.68E-09	1,000,000	3.68E-03
273	1.53802	5.7347E-05	8.82E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
274	1.47386	5.7347E-05	8.45E-05	2.50E-04	2.12E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
275	1.40763	5.7347E-05	8.07E-05	2.50E-04	2.02E-08	14	1.15E-02	3.24E-09	1,000,000	3.24E-03
276	1.34162	5.7347E-05	7.69E-05	2.50E-04	1.93E-08	14	1.15E-02	3.09E-09	1,000,000	3.09E-03
277	1.27656	5.7347E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
278	1.41921	5.7347E-05	8.14E-05	2.50E-04	2.04E-08	14	1.15E-02	3.27E-09	1,000,000	3.27E-03
279	1.48838	5.7347E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
280	1.67451	5.7347E-05	9.60E-05	2.50E-04	2.40E-08	14	1.15E-02	3.86E-09	1,000,000	3.86E-03
281	1.65418	5.7347E-05	9.49E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
282	1.8361	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.23E-09	1,000,000	4.23E-03
283	1.49743	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

					Cancer Risk From Idle 4 - 17 to 30 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	3.97519	5.7347E-05	2.28E-04	2.50E-04	5.71E-08	30	1.15E-02	1.96E-08	1,000,000	1.96E-02
27	4.18377	5.7347E-05	2.40E-04	2.50E-04	6.00E-08	30	1.15E-02	2.07E-08	1,000,000	2.07E-02
28	4.40093	5.7347E-05	2.52E-04	2.50E-04	6.32E-08	30	1.15E-02	2.17E-08	1,000,000	2.17E-02
29	4.61983	5.7347E-05	2.65E-04	2.50E-04	6.63E-08	30	1.15E-02	2.28E-08	1,000,000	2.28E-02
30	4.83211	5.7347E-05	2.77E-04	2.50E-04	6.94E-08	30	1.15E-02	2.39E-08	1,000,000	2.39E-02
31	5.03023	5.7347E-05	2.88E-04	2.50E-04	7.22E-08	30	1.15E-02	2.48E-08	1,000,000	2.48E-02
32	5.20886	5.7347E-05	2.99E-04	2.50E-04	7.48E-08	30	1.15E-02	2.57E-08	1,000,000	2.57E-02
33	5.36465	5.7347E-05	3.08E-04	2.50E-04	7.70E-08	30	1.15E-02	2.65E-08	1,000,000	2.65E-02
34	5.49506	5.7347E-05	3.15E-04	2.50E-04	7.89E-08	30	1.15E-02	2.71E-08	1,000,000	2.71E-02
35	5.59687	5.7347E-05	3.21E-04	2.50E-04	8.03E-08	30	1.15E-02	2.76E-08	1,000,000	2.76E-02
36	5.6638	5.7347E-05	3.25E-04	2.50E-04	8.13E-08	30	1.15E-02	2.80E-08	1,000,000	2.80E-02
37	4.30893	5.7347E-05	2.47E-04	2.50E-04	6.18E-08	30	1.15E-02	2.13E-08	1,000,000	2.13E-02
38	4.54727	5.7347E-05	2.61E-04	2.50E-04	6.53E-08	30	1.15E-02	2.25E-08	1,000,000	2.25E-02
39	4.79614	5.7347E-05	2.75E-04	2.50E-04	6.88E-08	30	1.15E-02	2.37E-08	1,000,000	2.37E-02
40	5.04735	5.7347E-05	2.89E-04	2.50E-04	7.24E-08	30	1.15E-02	2.49E-08	1,000,000	2.49E-02
41	5.29062	5.7347E-05	3.03E-04	2.50E-04	7.59E-08	30	1.15E-02	2.61E-08	1,000,000	2.61E-02
42	5.51654	5.7347E-05	3.16E-04	2.50E-04	7.92E-08	30	1.15E-02	2.72E-08	1,000,000	2.72E-02
43	5.71838	5.7347E-05	3.28E-04	2.50E-04	8.21E-08	30	1.15E-02	2.82E-08	1,000,000	2.82E-02
44	5.89181	5.7347E-05	3.38E-04	2.50E-04	8.46E-08	30	1.15E-02	2.91E-08	1,000,000	2.91E-02
45	6.03335	5.7347E-05	3.46E-04	2.50E-04	8.66E-08	30	1.15E-02	2.98E-08	1,000,000	2.98E-02
46	6.13871	5.7347E-05	3.52E-04	2.50E-04	8.81E-08	30	1.15E-02	3.03E-08	1,000,000	3.03E-02
47	6.20022	5.7347E-05	3.56E-04	2.50E-04	8.90E-08	30	1.15E-02	3.06E-08	1,000,000	3.06E-02
48	4.68962	5.7347E-05	2.69E-04	2.50E-04	6.73E-08	30	1.15E-02	2.32E-08	1,000,000	2.32E-02
49	4.9639	5.7347E-05	2.85E-04	2.50E-04	7.12E-08	30	1.15E-02	2.45E-08	1,000,000	2.45E-02
50	5.25122	5.7347E-05	3.01E-04	2.50E-04	7.54E-08	30	1.15E-02	2.59E-08	1,000,000	2.59E-02
51	5.5417	5.7347E-05	3.18E-04	2.50E-04	7.95E-08	30	1.15E-02	2.74E-08	1,000,000	2.74E-02
52	5.82255	5.7347E-05	3.34E-04	2.50E-04	8.36E-08	30	1.15E-02	2.88E-08	1,000,000	2.88E-02
53	6.08186	5.7347E-05	3.49E-04	2.50E-04	8.73E-08	30	1.15E-02	3.00E-08	1,000,000	3.00E-02
54	6.31101	5.7347E-05	3.62E-04	2.50E-04	9.06E-08	30	1.15E-02	3.12E-08	1,000,000	3.12E-02
55	6.50428	5.7347E-05	3.73E-04	2.50E-04	9.34E-08	30	1.15E-02	3.21E-08	1,000,000	3.21E-02
56	6.65693	5.7347E-05	3.82E-04	2.50E-04	9.55E-08	30	1.15E-02	3.29E-08	1,000,000	3.29E-02
57	6.76322	5.7347E-05	3.88E-04	2.50E-04	9.71E-08	30	1.15E-02	3.34E-08	1,000,000	3.34E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	6.81377	5.7347E-05	3.91E-04	2.50E-04	9.78E-08	30	1.15E-02	3.37E-08	1,000,000	3.37E-02
59	5.12676	5.7347E-05	2.94E-04	2.50E-04	7.36E-08	30	1.15E-02	2.53E-08	1,000,000	2.53E-02
60	5.44487	5.7347E-05	3.12E-04	2.50E-04	7.81E-08	30	1.15E-02	2.69E-08	1,000,000	2.69E-02
61	5.7793	5.7347E-05	3.31E-04	2.50E-04	8.29E-08	30	1.15E-02	2.85E-08	1,000,000	2.85E-02
62	6.11804	5.7347E-05	3.51E-04	2.50E-04	8.78E-08	30	1.15E-02	3.02E-08	1,000,000	3.02E-02
63	6.44495	5.7347E-05	3.70E-04	2.50E-04	9.25E-08	30	1.15E-02	3.18E-08	1,000,000	3.18E-02
64	6.74472	5.7347E-05	3.87E-04	2.50E-04	9.68E-08	30	1.15E-02	3.33E-08	1,000,000	3.33E-02
65	7.00613	5.7347E-05	4.02E-04	2.50E-04	1.01E-07	30	1.15E-02	3.46E-08	1,000,000	3.46E-02
66	7.2215	5.7347E-05	4.14E-04	2.50E-04	1.04E-07	30	1.15E-02	3.57E-08	1,000,000	3.57E-02
67	7.3843	5.7347E-05	4.23E-04	2.50E-04	1.06E-07	30	1.15E-02	3.65E-08	1,000,000	3.65E-02
68	7.48687	5.7347E-05	4.29E-04	2.50E-04	1.07E-07	30	1.15E-02	3.70E-08	1,000,000	3.70E-02
69	7.51786	5.7347E-05	4.31E-04	2.50E-04	1.08E-07	30	1.15E-02	3.71E-08	1,000,000	3.71E-02
70	5.63236	5.7347E-05	3.23E-04	2.50E-04	8.08E-08	30	1.15E-02	2.78E-08	1,000,000	2.78E-02
71	6.00456	5.7347E-05	3.44E-04	2.50E-04	8.62E-08	30	1.15E-02	2.97E-08	1,000,000	2.97E-02
72	6.39743	5.7347E-05	3.67E-04	2.50E-04	9.18E-08	30	1.15E-02	3.16E-08	1,000,000	3.16E-02
73	6.79621	5.7347E-05	3.90E-04	2.50E-04	9.75E-08	30	1.15E-02	3.36E-08	1,000,000	3.36E-02
74	7.18024	5.7347E-05	4.12E-04	2.50E-04	1.03E-07	30	1.15E-02	3.55E-08	1,000,000	3.55E-02
75	7.52951	5.7347E-05	4.32E-04	2.50E-04	1.08E-07	30	1.15E-02	3.72E-08	1,000,000	3.72E-02
76	7.82912	5.7347E-05	4.49E-04	2.50E-04	1.12E-07	30	1.15E-02	3.87E-08	1,000,000	3.87E-02
77	8.06862	5.7347E-05	4.63E-04	2.50E-04	1.16E-07	30	1.15E-02	3.99E-08	1,000,000	3.99E-02
78	8.23891	5.7347E-05	4.72E-04	2.50E-04	1.18E-07	30	1.15E-02	4.07E-08	1,000,000	4.07E-02
79	8.32982	5.7347E-05	4.78E-04	2.50E-04	1.20E-07	30	1.15E-02	4.11E-08	1,000,000	4.11E-02
80	8.32798	5.7347E-05	4.78E-04	2.50E-04	1.20E-07	30	1.15E-02	4.11E-08	1,000,000	4.11E-02
81	6.22188	5.7347E-05	3.57E-04	2.50E-04	8.93E-08	30	1.15E-02	3.07E-08	1,000,000	3.07E-02
82	6.66169	5.7347E-05	3.82E-04	2.50E-04	9.56E-08	30	1.15E-02	3.29E-08	1,000,000	3.29E-02
83	7.12799	5.7347E-05	4.09E-04	2.50E-04	1.02E-07	30	1.15E-02	3.52E-08	1,000,000	3.52E-02
84	7.60251	5.7347E-05	4.36E-04	2.50E-04	1.09E-07	30	1.15E-02	3.76E-08	1,000,000	3.76E-02
85	8.05835	5.7347E-05	4.62E-04	2.50E-04	1.16E-07	30	1.15E-02	3.98E-08	1,000,000	3.98E-02
86	8.46882	5.7347E-05	4.86E-04	2.50E-04	1.22E-07	30	1.15E-02	4.18E-08	1,000,000	4.18E-02
87	8.81371	5.7347E-05	5.05E-04	2.50E-04	1.26E-07	30	1.15E-02	4.35E-08	1,000,000	4.35E-02
88	9.07855	5.7347E-05	5.21E-04	2.50E-04	1.30E-07	30	1.15E-02	4.48E-08	1,000,000	4.48E-02
89	9.2506	5.7347E-05	5.30E-04	2.50E-04	1.33E-07	30	1.15E-02	4.57E-08	1,000,000	4.57E-02
90	9.31654	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	30	1.15E-02	4.60E-08	1,000,000	4.60E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Cancer Risk From Idle 4 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	9.26142	5.7347E-05	5.31E-04	2.50E-04	1.33E-07	30	1.15E-02	4.57E-08	1,000,000	4.57E-02
92	6.91539	5.7347E-05	3.97E-04	2.50E-04	9.93E-08	30	1.15E-02	3.42E-08	1,000,000	3.42E-02
93	7.44093	5.7347E-05	4.27E-04	2.50E-04	1.07E-07	30	1.15E-02	3.68E-08	1,000,000	3.68E-02
94	8.00093	5.7347E-05	4.59E-04	2.50E-04	1.15E-07	30	1.15E-02	3.95E-08	1,000,000	3.95E-02
95	8.5725	5.7347E-05	4.92E-04	2.50E-04	1.23E-07	30	1.15E-02	4.23E-08	1,000,000	4.23E-02
96	9.11999	5.7347E-05	5.23E-04	2.50E-04	1.31E-07	30	1.15E-02	4.50E-08	1,000,000	4.50E-02
97	9.60699	5.7347E-05	5.51E-04	2.50E-04	1.38E-07	30	1.15E-02	4.75E-08	1,000,000	4.75E-02
98	10.00543	5.7347E-05	5.74E-04	2.50E-04	1.44E-07	30	1.15E-02	4.94E-08	1,000,000	4.94E-02
99	10.29485	5.7347E-05	5.90E-04	2.50E-04	1.48E-07	30	1.15E-02	5.08E-08	1,000,000	5.08E-02
100	10.45741	5.7347E-05	6.00E-04	2.50E-04	1.50E-07	30	1.15E-02	5.17E-08	1,000,000	5.17E-02
101	10.47624	5.7347E-05	6.01E-04	2.50E-04	1.50E-07	30	1.15E-02	5.17E-08	1,000,000	5.17E-02
102	10.33656	5.7347E-05	5.93E-04	2.50E-04	1.48E-07	30	1.15E-02	5.11E-08	1,000,000	5.11E-02
103	9.49191	5.7347E-05	5.44E-04	2.50E-04	1.36E-07	30	1.15E-02	4.69E-08	1,000,000	4.69E-02
104	10.14227	5.7347E-05	5.82E-04	2.50E-04	1.46E-07	30	1.15E-02	5.01E-08	1,000,000	5.01E-02
105	10.86169	5.7347E-05	6.23E-04	2.50E-04	1.56E-07	30	1.15E-02	5.36E-08	1,000,000	5.36E-02
106	11.30189	5.7347E-05	6.48E-04	2.50E-04	1.62E-07	30	1.15E-02	5.58E-08	1,000,000	5.58E-02
107	11.7758	5.7347E-05	6.75E-04	2.50E-04	1.69E-07	30	1.15E-02	5.82E-08	1,000,000	5.82E-02
108	11.90772	5.7347E-05	6.83E-04	2.50E-04	1.71E-07	30	1.15E-02	5.88E-08	1,000,000	5.88E-02
109	11.84283	5.7347E-05	6.79E-04	2.50E-04	1.70E-07	30	1.15E-02	5.85E-08	1,000,000	5.85E-02
110	11.57119	5.7347E-05	6.64E-04	2.50E-04	1.66E-07	30	1.15E-02	5.72E-08	1,000,000	5.72E-02
111	8.83534	5.7347E-05	5.07E-04	2.50E-04	1.27E-07	30	1.15E-02	4.36E-08	1,000,000	4.36E-02
112	8.12074	5.7347E-05	4.66E-04	2.50E-04	1.17E-07	30	1.15E-02	4.01E-08	1,000,000	4.01E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	**Total Risk**	**TR - Teach**	**Max**	**Receptor #**	**REL**	**HI**	**Max**	**Receptor #**	
					Residential Receptors				
1	2.2E-02	School	0.1948	108	5	1.90E-05	0.00041	108	School
2	2.3E-02	Res	0.1081	204	5	2.03E-05	0.0001	204	Res
3	2.4E-02	Teachers	0.059	108	5	2.16E-05	0.00041	108	Teachers
4	2.6E-02				5	2.31E-05			
5	2.8E-02				5	2.48E-05			
6	2.1E-02				5	1.89E-05			
7	2.3E-02				5	2.01E-05			
8	2.4E-02				5	2.14E-05			
9	2.6E-02				5	2.29E-05			
10	2.8E-02				5	2.46E-05			
11	2.1E-02				5	1.87E-05			
12	2.2E-02				5	1.99E-05			
13	2.4E-02				5	2.12E-05			
14	2.6E-02				5	2.28E-05			
15	2.8E-02				5	2.45E-05			
16	2.1E-02				5	1.85E-05			
17	2.2E-02				5	1.97E-05			
18	2.4E-02				5	2.11E-05			
19	2.5E-02				5	2.26E-05			
20	2.7E-02				5	2.43E-05			
21	2.1E-02				5	1.84E-05			
22	2.2E-02				5	1.96E-05			
23	2.4E-02				5	2.09E-05			
24	2.5E-02				5	2.24E-05			
25	2.7E-02				5	2.41E-05			
113	7.9E-02				5	7.02E-05			
114	7.3E-02				5	6.48E-05			
115	6.8E-02				5	5.99E-05			
116	6.3E-02				5	5.54E-05			
117	8.2E-02				5	7.25E-05			
118	7.5E-02				5	6.66E-05			
119	6.9E-02				5	6.13E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	6.4E-02				5	5.66E-05		
121	8.4E-02				5	7.46E-05		
122	7.7E-02				5	6.83E-05		
123	7.1E-02				5	6.27E-05		
124	6.5E-02				5	5.77E-05		
125	8.7E-02				5	7.66E-05		
126	7.9E-02				5	6.98E-05		
127	7.2E-02				5	6.39E-05		
128	6.6E-02				5	5.87E-05		
129	8.9E-02				5	7.84E-05		
130	8.0E-02				5	7.12E-05		
131	7.3E-02				5	6.50E-05		
132	6.7E-02				5	5.95E-05		
133	9.0E-02				5	8.00E-05		
134	8.2E-02				5	7.24E-05		
135	7.4E-02				5	6.59E-05		
136	6.8E-02				5	6.03E-05		
137	9.2E-02				5	8.13E-05		
138	7.5E-02				5	6.67E-05		
139	6.9E-02				5	6.09E-05		
140	9.5E-02				5	8.42E-05		
141	8.6E-02				5	7.57E-05		
142	7.7E-02				5	6.85E-05		
143	7.0E-02				5	6.23E-05		
144	9.6E-02				5	8.48E-05		
145	8.6E-02				5	7.61E-05		
146	7.8E-02				5	6.88E-05		
147	7.1E-02				5	6.25E-05		
148	9.6E-02				5	8.51E-05		
149	8.6E-02				5	7.63E-05		
150	7.8E-02				5	6.89E-05		
151	7.1E-02				5	6.26E-05		
152	9.6E-02				5	8.51E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	8.6E-02				5	7.63E-05		
154	7.8E-02				5	6.88E-05		
155	7.1E-02				5	6.25E-05		
156	9.6E-02				5	8.48E-05		
157	8.6E-02				5	7.60E-05		
158	7.7E-02				5	6.86E-05		
159	7.0E-02				5	6.23E-05		
160	9.5E-02				5	8.42E-05		
161	8.5E-02				5	7.55E-05		
162	7.7E-02				5	6.81E-05		
163	7.0E-02				5	6.18E-05		
164	9.4E-02				5	8.31E-05		
165	8.4E-02				5	7.46E-05		
166	7.6E-02				5	6.73E-05		
167	6.9E-02				5	6.11E-05		
168	9.2E-02				5	8.15E-05		
169	8.3E-02				5	7.32E-05		
170	7.5E-02				5	6.62E-05		
171	6.8E-02				5	6.02E-05		
172	9.0E-02				5	7.94E-05		
173	8.1E-02				5	7.15E-05		
174	7.3E-02				5	6.48E-05		
175	6.7E-02				5	5.91E-05		
176	8.7E-02				5	7.66E-05		
177	7.8E-02				5	6.94E-05		
178	7.1E-02				5	6.30E-05		
179	6.5E-02				5	5.76E-05		
180	8.3E-02				5	7.32E-05		
181	7.5E-02				5	6.66E-05		
182	6.9E-02				5	6.09E-05		
183	6.3E-02				5	5.59E-05		
184	1.0E-01				5	9.05E-05		
185	9.8E-02				5	8.68E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	8.9E-02				5	7.88E-05		
187	8.1E-02				5	7.18E-05		
188	7.4E-02				5	6.56E-05		
189	9.8E-02				5	8.68E-05		
190	9.0E-02				5	7.95E-05		
191	8.3E-02				5	7.31E-05		
192	7.6E-02				5	6.72E-05		
193	7.0E-02				5	6.19E-05		
194	8.8E-02				5	7.83E-05		
195	8.2E-02				5	7.23E-05		
196	7.6E-02				5	6.70E-05		
197	7.0E-02				5	6.22E-05		
198	6.5E-02				5	5.78E-05		
199	8.0E-02				5	7.10E-05		
200	7.4E-02				5	6.58E-05		
201	6.9E-02				5	6.12E-05		
202	6.5E-02				5	5.71E-05		
203	6.0E-02				5	5.35E-05		
204	1.1E-01				5	9.57E-05		
205	7.3E-02				5	6.50E-05		
206	6.8E-02				5	6.02E-05		
207	6.3E-02				5	5.60E-05		
208	5.9E-02				5	5.25E-05		
209	9.9E-02				5	8.73E-05		
210	8.9E-02				5	7.90E-05		
211	8.1E-02				5	7.17E-05		
212	7.4E-02				5	6.55E-05		
213	6.8E-02				5	6.01E-05		
214	6.3E-02				5	5.56E-05		
215	5.8E-02				5	5.17E-05		
216	9.8E-02				5	8.71E-05		
217	9.0E-02				5	7.98E-05		
218	8.3E-02				5	7.31E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	7.6E-02				5	6.72E-05		
220	7.0E-02				5	6.17E-05		
221	6.4E-02				5	5.68E-05		
222	8.9E-02				5	7.90E-05		
223	8.2E-02				5	7.29E-05		
224	7.6E-02				5	6.72E-05		
225	7.0E-02				5	6.21E-05		
226	6.5E-02				5	5.74E-05		
227	8.1E-02				5	7.20E-05		
228	7.5E-02				5	6.68E-05		
229	7.0E-02				5	6.20E-05		
230	6.5E-02				5	5.75E-05		
231	7.4E-02				5	6.59E-05		
232	6.9E-02				5	6.14E-05		
233	6.5E-02				5	5.73E-05		
234	6.0E-02				5	5.34E-05		
235	6.8E-02				5	6.05E-05		
236	6.4E-02				5	5.67E-05		
237	6.0E-02				5	5.31E-05		
238	5.6E-02				5	4.98E-05		
239	6.3E-02				5	5.58E-05		
240	5.9E-02				5	5.25E-05		
241	5.6E-02				5	4.93E-05		
242	5.2E-02				5	4.64E-05		
243	9.2E-02				5	8.13E-05		
244	8.9E-02				5	7.84E-05		
245	8.5E-02				5	7.50E-05		
246	8.0E-02				5	7.11E-05		
247	7.6E-02				5	6.71E-05		
248	7.1E-02				5	6.32E-05		
249	6.7E-02				5	5.95E-05		
250	8.3E-02				5	7.37E-05		
251	8.0E-02				5	7.12E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	7.7E-02				5	6.82E-05		
253	7.3E-02				5	6.49E-05		
254	6.9E-02				5	6.15E-05		
255	6.6E-02				5	5.81E-05		
256	6.2E-02				5	5.48E-05		
257	7.6E-02				5	6.73E-05		
258	7.3E-02				5	6.50E-05		
259	7.0E-02				5	6.24E-05		
260	6.7E-02				5	5.95E-05		
261	6.4E-02				5	5.66E-05		
262	6.1E-02				5	5.36E-05		
263	5.7E-02				5	5.08E-05		
264	7.0E-02				5	6.17E-05		
265	6.7E-02				5	5.97E-05		
266	6.5E-02				5	5.74E-05		
267	6.2E-02				5	5.48E-05		
268	5.9E-02				5	5.23E-05		
269	5.6E-02				5	4.97E-05		
270	5.3E-02				5	4.71E-05		
271	6.4E-02				5	5.68E-05		
272	6.2E-02				5	5.50E-05		
273	6.0E-02				5	5.29E-05		
274	5.7E-02				5	5.07E-05		
275	5.5E-02				5	4.84E-05		
276	5.2E-02				5	4.62E-05		
277	5.0E-02				5	4.39E-05		
278	5.5E-02				5	4.88E-05		
279	5.8E-02				5	5.12E-05		
280	6.5E-02				5	5.76E-05		
281	6.4E-02				5	5.69E-05		
282	7.1E-02				5	6.32E-05		
283	5.8E-02				5	5.15E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	6.5E-02	2.0E-02			5	1.37E-04		
27	6.8E-02	2.1E-02			5	1.44E-04		
28	7.2E-02	2.2E-02			5	1.51E-04		
29	7.6E-02	2.3E-02			5	1.59E-04		
30	7.9E-02	2.4E-02			5	1.66E-04		
31	8.2E-02	2.5E-02			5	1.73E-04		
32	8.5E-02	2.6E-02			5	1.79E-04		
33	8.8E-02	2.6E-02			5	1.85E-04		
34	9.0E-02	2.7E-02			5	1.89E-04		
35	9.2E-02	2.8E-02			5	1.93E-04		
36	9.3E-02	2.8E-02			5	1.95E-04		
37	7.0E-02	2.1E-02			5	1.48E-04		
38	7.4E-02	2.2E-02			5	1.56E-04		
39	7.8E-02	2.4E-02			5	1.65E-04		
40	8.3E-02	2.5E-02			5	1.74E-04		
41	8.7E-02	2.6E-02			5	1.82E-04		
42	9.0E-02	2.7E-02			5	1.90E-04		
43	9.4E-02	2.8E-02			5	1.97E-04		
44	9.6E-02	2.9E-02			5	2.03E-04		
45	9.9E-02	3.0E-02			5	2.08E-04		
46	1.0E-01	3.0E-02			5	2.11E-04		
47	1.0E-01	3.1E-02			5	2.13E-04		
48	7.7E-02	2.3E-02			5	1.61E-04		
49	8.1E-02	2.5E-02			5	1.71E-04		
50	8.6E-02	2.6E-02			5	1.81E-04		
51	9.1E-02	2.7E-02			5	1.91E-04		
52	9.5E-02	2.9E-02			5	2.00E-04		
53	9.9E-02	3.0E-02			5	2.09E-04		
54	1.0E-01	3.1E-02			5	2.17E-04		
55	1.1E-01	3.2E-02			5	2.24E-04		
56	1.1E-01	3.3E-02			5	2.29E-04		
57	1.1E-01	3.3E-02			5	2.33E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	1.1E-01	3.4E-02			5	2.34E-04		
59	8.4E-02	2.5E-02			5	1.76E-04		
60	8.9E-02	2.7E-02			5	1.87E-04		
61	9.5E-02	2.9E-02			5	1.99E-04		
62	1.0E-01	3.0E-02			5	2.11E-04		
63	1.1E-01	3.2E-02			5	2.22E-04		
64	1.1E-01	3.3E-02			5	2.32E-04		
65	1.1E-01	3.5E-02			5	2.41E-04		
66	1.2E-01	3.6E-02			5	2.48E-04		
67	1.2E-01	3.6E-02			5	2.54E-04		
68	1.2E-01	3.7E-02			5	2.58E-04		
69	1.2E-01	3.7E-02			5	2.59E-04		
70	9.2E-02	2.8E-02			5	1.94E-04		
71	9.8E-02	3.0E-02			5	2.07E-04		
72	1.0E-01	3.2E-02			5	2.20E-04		
73	1.1E-01	3.4E-02			5	2.34E-04		
74	1.2E-01	3.5E-02			5	2.47E-04		
75	1.2E-01	3.7E-02			5	2.59E-04		
76	1.3E-01	3.9E-02			5	2.69E-04		
77	1.3E-01	4.0E-02			5	2.78E-04		
78	1.3E-01	4.1E-02			5	2.83E-04		
79	1.4E-01	4.1E-02			5	2.87E-04		
80	1.4E-01	4.1E-02			5	2.87E-04		
81	1.0E-01	3.1E-02			5	2.14E-04		
82	1.1E-01	3.3E-02			5	2.29E-04		
83	1.2E-01	3.5E-02			5	2.45E-04		
84	1.2E-01	3.8E-02			5	2.62E-04		
85	1.3E-01	4.0E-02			5	2.77E-04		
86	1.4E-01	4.2E-02			5	2.91E-04		
87	1.4E-01	4.4E-02			5	3.03E-04		
88	1.5E-01	4.5E-02			5	3.12E-04		
89	1.5E-01	4.6E-02			5	3.18E-04		
90	1.5E-01	4.6E-02			5	3.21E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle4

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	1.5E-01	4.6E-02			5	3.19E-04		
92	1.1E-01	3.4E-02			5	2.38E-04		
93	1.2E-01	3.7E-02			5	2.56E-04		
94	1.3E-01	4.0E-02			5	2.75E-04		
95	1.4E-01	4.2E-02			5	2.95E-04		
96	1.5E-01	4.5E-02			5	3.14E-04		
97	1.6E-01	4.7E-02			5	3.31E-04		
98	1.6E-01	4.9E-02			5	3.44E-04		
99	1.7E-01	5.1E-02			5	3.54E-04		
100	1.7E-01	5.2E-02			5	3.60E-04		
101	1.7E-01	5.2E-02			5	3.60E-04		
102	1.7E-01	5.1E-02			5	3.56E-04		
103	1.6E-01	4.7E-02			5	3.27E-04		
104	1.7E-01	5.0E-02			5	3.49E-04		
105	1.8E-01	5.4E-02			5	3.74E-04		
106	1.8E-01	5.6E-02			5	3.89E-04		
107	1.9E-01	5.8E-02			5	4.05E-04		
108	1.9E-01	5.9E-02			5	4.10E-04		
109	1.9E-01	5.8E-02			5	4.07E-04		
110	1.9E-01	5.7E-02			5	3.98E-04		
111	1.4E-01	4.4E-02			5	3.04E-04		
112	1.3E-01	4.0E-02			5	2.79E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	**5.73E-05**	2.66E-05	1.05E-03	2.78E-08	1.45	1.57E-01	6.33E-09	1,000,000	6.33E-03
2	0.49007	5.7347E-05	2.8104E-05	1.05E-03	2.94E-08	1.45	1.57E-01	6.69E-09	1,000,000	6.69E-03
3	0.51995	5.7347E-05	2.9817E-05	1.05E-03	3.12E-08	1.45	1.57E-01	7.10E-09	1,000,000	7.10E-03
4	0.55237	5.7347E-05	3.1677E-05	1.05E-03	3.31E-08	1.45	1.57E-01	7.54E-09	1,000,000	7.54E-03
5	0.58882	5.7347E-05	3.3767E-05	1.05E-03	3.53E-08	1.45	1.57E-01	8.04E-09	1,000,000	8.04E-03
6	0.4603	5.7347E-05	2.6397E-05	1.05E-03	2.76E-08	1.45	1.57E-01	6.29E-09	1,000,000	6.29E-03
7	0.48669	5.7347E-05	2.791E-05	1.05E-03	2.92E-08	1.45	1.57E-01	6.65E-09	1,000,000	6.65E-03
8	0.51602	5.7347E-05	2.9592E-05	1.05E-03	3.09E-08	1.45	1.57E-01	7.05E-09	1,000,000	7.05E-03
9	0.5493	5.7347E-05	3.15E-05	1.05E-03	3.29E-08	1.45	1.57E-01	7.50E-09	1,000,000	7.50E-03
10	0.58568	5.7347E-05	3.3587E-05	1.05E-03	3.51E-08	1.45	1.57E-01	8.00E-09	1,000,000	8.00E-03
11	0.45692	5.7347E-05	2.6203E-05	1.05E-03	2.74E-08	1.45	1.57E-01	6.24E-09	1,000,000	6.24E-03
12	0.48335	5.7347E-05	2.7718E-05	1.05E-03	2.90E-08	1.45	1.57E-01	6.60E-09	1,000,000	6.60E-03
13	0.51286	5.7347E-05	2.9411E-05	1.05E-03	3.07E-08	1.45	1.57E-01	7.00E-09	1,000,000	7.00E-03
14	0.54645	5.7347E-05	3.1337E-05	1.05E-03	3.28E-08	1.45	1.57E-01	7.46E-09	1,000,000	7.46E-03
15	0.58308	5.7347E-05	3.3438E-05	1.05E-03	3.49E-08	1.45	1.57E-01	7.96E-09	1,000,000	7.96E-03
16	0.45388	5.7347E-05	2.6028E-05	1.05E-03	2.72E-08	1.45	1.57E-01	6.20E-09	1,000,000	6.20E-03
17	0.48061	5.7347E-05	2.7561E-05	1.05E-03	2.88E-08	1.45	1.57E-01	6.56E-09	1,000,000	6.56E-03
18	0.51014	5.7347E-05	2.9255E-05	1.05E-03	3.06E-08	1.45	1.57E-01	6.97E-09	1,000,000	6.97E-03
19	0.54274	5.7347E-05	3.1124E-05	1.05E-03	3.25E-08	1.45	1.57E-01	7.41E-09	1,000,000	7.41E-03
20	0.57983	5.7347E-05	3.3251E-05	1.05E-03	3.48E-08	1.45	1.57E-01	7.92E-09	1,000,000	7.92E-03
21	0.45139	5.7347E-05	2.5886E-05	1.05E-03	2.71E-08	1.45	1.57E-01	6.16E-09	1,000,000	6.16E-03
22	0.47814	5.7347E-05	2.742E-05	1.05E-03	2.87E-08	1.45	1.57E-01	6.53E-09	1,000,000	6.53E-03
23	0.50791	5.7347E-05	2.9127E-05	1.05E-03	3.04E-08	1.45	1.57E-01	6.94E-09	1,000,000	6.94E-03
24	0.54088	5.7347E-05	3.1018E-05	1.05E-03	3.24E-08	1.45	1.57E-01	7.39E-09	1,000,000	7.39E-03
25	0.57729	5.7347E-05	3.3106E-05	1.05E-03	3.46E-08	1.45	1.57E-01	7.88E-09	1,000,000	7.88E-03
113	2.95468	5.7347E-05	0.00016944	1.05E-03	1.77E-07	1.45	1.57E-01	4.04E-08	1,000,000	4.04E-02
114	2.65926	5.7347E-05	0.0001525	1.05E-03	1.59E-07	1.45	1.57E-01	3.63E-08	1,000,000	3.63E-02
115	2.40236	5.7347E-05	0.00013777	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
116	2.17918	5.7347E-05	0.00012497	1.05E-03	1.31E-07	1.45	1.57E-01	2.98E-08	1,000,000	2.98E-02
117	3.05482	5.7347E-05	0.00017518	1.05E-03	1.83E-07	1.45	1.57E-01	4.17E-08	1,000,000	4.17E-02
118	2.73368	5.7347E-05	0.00015677	1.05E-03	1.64E-07	1.45	1.57E-01	3.73E-08	1,000,000	3.73E-02
119	2.45863	5.7347E-05	0.00014099	1.05E-03	1.47E-07	1.45	1.57E-01	3.36E-08	1,000,000	3.36E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	0.00012744	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
121	3.14401	5.7347E-05	0.0001803	1.05E-03	1.88E-07	1.45	1.57E-01	4.29E-08	1,000,000	4.29E-02
122	2.79936	5.7347E-05	0.00016053	1.05E-03	1.68E-07	1.45	1.57E-01	3.82E-08	1,000,000	3.82E-02
123	2.50772	5.7347E-05	0.00014381	1.05E-03	1.50E-07	1.45	1.57E-01	3.42E-08	1,000,000	3.42E-02
124	2.2594	5.7347E-05	0.00012957	1.05E-03	1.35E-07	1.45	1.57E-01	3.09E-08	1,000,000	3.09E-02
125	3.22113	5.7347E-05	0.00018472	1.05E-03	1.93E-07	1.45	1.57E-01	4.40E-08	1,000,000	4.40E-02
126	2.85559	5.7347E-05	0.00016376	1.05E-03	1.71E-07	1.45	1.57E-01	3.90E-08	1,000,000	3.90E-02
127	2.54947	5.7347E-05	0.0001462	1.05E-03	1.53E-07	1.45	1.57E-01	3.48E-08	1,000,000	3.48E-02
128	2.29099	5.7347E-05	0.00013138	1.05E-03	1.37E-07	1.45	1.57E-01	3.13E-08	1,000,000	3.13E-02
129	3.28577	5.7347E-05	0.00018843	1.05E-03	1.97E-07	1.45	1.57E-01	4.49E-08	1,000,000	4.49E-02
130	2.90257	5.7347E-05	0.00016645	1.05E-03	1.74E-07	1.45	1.57E-01	3.96E-08	1,000,000	3.96E-02
131	2.58446	5.7347E-05	0.00014821	1.05E-03	1.55E-07	1.45	1.57E-01	3.53E-08	1,000,000	3.53E-02
132	2.31768	5.7347E-05	0.00013291	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
133	3.33854	5.7347E-05	0.00019145	1.05E-03	2.00E-07	1.45	1.57E-01	4.56E-08	1,000,000	4.56E-02
134	2.94105	5.7347E-05	0.00016866	1.05E-03	1.76E-07	1.45	1.57E-01	4.02E-08	1,000,000	4.02E-02
135	2.61321	5.7347E-05	0.00014986	1.05E-03	1.57E-07	1.45	1.57E-01	3.57E-08	1,000,000	3.57E-02
136	2.33957	5.7347E-05	0.00013417	1.05E-03	1.40E-07	1.45	1.57E-01	3.20E-08	1,000,000	3.20E-02
137	3.37977	5.7347E-05	0.00019382	1.05E-03	2.03E-07	1.45	1.57E-01	4.62E-08	1,000,000	4.62E-02
138	2.63505	5.7347E-05	0.00015111	1.05E-03	1.58E-07	1.45	1.57E-01	3.60E-08	1,000,000	3.60E-02
139	2.35574	5.7347E-05	0.00013509	1.05E-03	1.41E-07	1.45	1.57E-01	3.22E-08	1,000,000	3.22E-02
140	3.41683	5.7347E-05	0.00019594	1.05E-03	2.05E-07	1.45	1.57E-01	4.67E-08	1,000,000	4.67E-02
141	2.99266	5.7347E-05	0.00017162	1.05E-03	1.79E-07	1.45	1.57E-01	4.09E-08	1,000,000	4.09E-02
142	2.64698	5.7347E-05	0.0001518	1.05E-03	1.59E-07	1.45	1.57E-01	3.62E-08	1,000,000	3.62E-02
143	2.36117	5.7347E-05	0.0001354	1.05E-03	1.42E-07	1.45	1.57E-01	3.22E-08	1,000,000	3.22E-02
144	3.39313	5.7347E-05	0.00019458	1.05E-03	2.03E-07	1.45	1.57E-01	4.63E-08	1,000,000	4.63E-02
145	2.97258	5.7347E-05	0.00017047	1.05E-03	1.78E-07	1.45	1.57E-01	4.06E-08	1,000,000	4.06E-02
146	2.62985	5.7347E-05	0.00015081	1.05E-03	1.58E-07	1.45	1.57E-01	3.59E-08	1,000,000	3.59E-02
147	2.34645	5.7347E-05	0.00013456	1.05E-03	1.41E-07	1.45	1.57E-01	3.20E-08	1,000,000	3.20E-02
148	3.34522	5.7347E-05	0.00019184	1.05E-03	2.01E-07	1.45	1.57E-01	4.57E-08	1,000,000	4.57E-02
149	2.93411	5.7347E-05	0.00016826	1.05E-03	1.76E-07	1.45	1.57E-01	4.01E-08	1,000,000	4.01E-02
150	2.59842	5.7347E-05	0.00014901	1.05E-03	1.56E-07	1.45	1.57E-01	3.55E-08	1,000,000	3.55E-02
151	2.3204	5.7347E-05	0.00013307	1.05E-03	1.39E-07	1.45	1.57E-01	3.17E-08	1,000,000	3.17E-02
152	3.26853	5.7347E-05	0.00018744	1.05E-03	1.96E-07	1.45	1.57E-01	4.46E-08	1,000,000	4.46E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	0.00016482	1.05E-03	1.72E-07	1.45	1.57E-01	3.93E-08	1,000,000	3.93E-02
154	2.55044	5.7347E-05	0.00014626	1.05E-03	1.53E-07	1.45	1.57E-01	3.48E-08	1,000,000	3.48E-02
155	2.2813	5.7347E-05	0.00013082	1.05E-03	1.37E-07	1.45	1.57E-01	3.12E-08	1,000,000	3.12E-02
156	3.15854	5.7347E-05	0.00018113	1.05E-03	1.89E-07	1.45	1.57E-01	4.31E-08	1,000,000	4.31E-02
157	2.7901	5.7347E-05	0.00016	1.05E-03	1.67E-07	1.45	1.57E-01	3.81E-08	1,000,000	3.81E-02
158	2.48459	5.7347E-05	0.00014248	1.05E-03	1.49E-07	1.45	1.57E-01	3.39E-08	1,000,000	3.39E-02
159	2.22854	5.7347E-05	0.0001278	1.05E-03	1.34E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02
160	3.00961	5.7347E-05	0.00017259	1.05E-03	1.80E-07	1.45	1.57E-01	4.11E-08	1,000,000	4.11E-02
161	2.67826	5.7347E-05	0.00015359	1.05E-03	1.61E-07	1.45	1.57E-01	3.66E-08	1,000,000	3.66E-02
162	2.39859	5.7347E-05	0.00013755	1.05E-03	1.44E-07	1.45	1.57E-01	3.28E-08	1,000,000	3.28E-02
163	2.1605	5.7347E-05	0.0001239	1.05E-03	1.29E-07	1.45	1.57E-01	2.95E-08	1,000,000	2.95E-02
164	2.8193	5.7347E-05	0.00016168	1.05E-03	1.69E-07	1.45	1.57E-01	3.85E-08	1,000,000	3.85E-02
165	2.53484	5.7347E-05	0.00014536	1.05E-03	1.52E-07	1.45	1.57E-01	3.46E-08	1,000,000	3.46E-02
166	2.28657	5.7347E-05	0.00013113	1.05E-03	1.37E-07	1.45	1.57E-01	3.12E-08	1,000,000	3.12E-02
167	2.0733	5.7347E-05	0.0001189	1.05E-03	1.24E-07	1.45	1.57E-01	2.83E-08	1,000,000	2.83E-02
168	2.59628	5.7347E-05	0.00014889	1.05E-03	1.56E-07	1.45	1.57E-01	3.55E-08	1,000,000	3.55E-02
169	2.36192	5.7347E-05	0.00013545	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
170	2.15194	5.7347E-05	0.00012341	1.05E-03	1.29E-07	1.45	1.57E-01	2.94E-08	1,000,000	2.94E-02
171	1.96845	5.7347E-05	0.00011288	1.05E-03	1.18E-07	1.45	1.57E-01	2.69E-08	1,000,000	2.69E-02
172	2.36138	5.7347E-05	0.00013542	1.05E-03	1.42E-07	1.45	1.57E-01	3.23E-08	1,000,000	3.23E-02
173	2.17117	5.7347E-05	0.00012451	1.05E-03	1.30E-07	1.45	1.57E-01	2.97E-08	1,000,000	2.97E-02
174	1.9989	5.7347E-05	0.00011463	1.05E-03	1.20E-07	1.45	1.57E-01	2.73E-08	1,000,000	2.73E-02
175	1.8455	5.7347E-05	0.00010583	1.05E-03	1.11E-07	1.45	1.57E-01	2.52E-08	1,000,000	2.52E-02
176	2.13864	5.7347E-05	0.00012264	1.05E-03	1.28E-07	1.45	1.57E-01	2.92E-08	1,000,000	2.92E-02
177	1.98045	5.7347E-05	0.00011357	1.05E-03	1.19E-07	1.45	1.57E-01	2.70E-08	1,000,000	2.70E-02
178	1.83829	5.7347E-05	0.00010542	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
179	1.71159	5.7347E-05	9.8154E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.34E-08	1,000,000	2.34E-02
180	1.94462	5.7347E-05	0.00011152	1.05E-03	1.17E-07	1.45	1.57E-01	2.66E-08	1,000,000	2.66E-02
181	1.80541	5.7347E-05	0.00010353	1.05E-03	1.08E-07	1.45	1.57E-01	2.47E-08	1,000,000	2.47E-02
182	1.68396	5.7347E-05	9.6569E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.30E-08	1,000,000	2.30E-02
183	1.57725	5.7347E-05	9.045E-05	1.05E-03	9.45E-08	1.45	1.57E-01	2.15E-08	1,000,000	2.15E-02
184	2.83203	5.7347E-05	0.00016241	1.05E-03	1.70E-07	1.45	1.57E-01	3.87E-08	1,000,000	3.87E-02
185	2.22573	5.7347E-05	0.00012764	1.05E-03	1.33E-07	1.45	1.57E-01	3.04E-08	1,000,000	3.04E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	0.00011668	1.05E-03	1.22E-07	1.45	1.57E-01	2.78E-08	1,000,000	2.78E-02
187	1.87528	5.7347E-05	0.00010754	1.05E-03	1.12E-07	1.45	1.57E-01	2.56E-08	1,000,000	2.56E-02
188	1.73998	5.7347E-05	9.9782E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
189	2.25756	5.7347E-05	0.00012946	1.05E-03	1.35E-07	1.45	1.57E-01	3.08E-08	1,000,000	3.08E-02
190	2.05212	5.7347E-05	0.00011768	1.05E-03	1.23E-07	1.45	1.57E-01	2.80E-08	1,000,000	2.80E-02
191	1.87721	5.7347E-05	0.00010765	1.05E-03	1.13E-07	1.45	1.57E-01	2.56E-08	1,000,000	2.56E-02
192	1.72915	5.7347E-05	9.9161E-05	1.05E-03	1.04E-07	1.45	1.57E-01	2.36E-08	1,000,000	2.36E-02
193	1.60238	5.7347E-05	9.1891E-05	1.05E-03	9.60E-08	1.45	1.57E-01	2.19E-08	1,000,000	2.19E-02
194	2.08374	5.7347E-05	0.0001195	1.05E-03	1.25E-07	1.45	1.57E-01	2.85E-08	1,000,000	2.85E-02
195	1.90338	5.7347E-05	0.00010915	1.05E-03	1.14E-07	1.45	1.57E-01	2.60E-08	1,000,000	2.60E-02
196	1.74531	5.7347E-05	0.00010009	1.05E-03	1.05E-07	1.45	1.57E-01	2.38E-08	1,000,000	2.38E-02
197	1.60728	5.7347E-05	9.2172E-05	1.05E-03	9.63E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
198	1.48994	5.7347E-05	8.5443E-05	1.05E-03	8.93E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
199	1.92817	5.7347E-05	0.00011057	1.05E-03	1.16E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02
200	1.7712	5.7347E-05	0.00010157	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
201	1.63011	5.7347E-05	9.3481E-05	1.05E-03	9.77E-08	1.45	1.57E-01	2.23E-08	1,000,000	2.23E-02
202	1.505	5.7347E-05	8.6307E-05	1.05E-03	9.02E-08	1.45	1.57E-01	2.06E-08	1,000,000	2.06E-02
203	1.3958	5.7347E-05	8.0044E-05	1.05E-03	8.37E-08	1.45	1.57E-01	1.91E-08	1,000,000	1.91E-02
204	2.48112	5.7347E-05	0.00014228	1.05E-03	1.49E-07	1.45	1.57E-01	3.39E-08	1,000,000	3.39E-02
205	1.78731	5.7347E-05	0.0001025	1.05E-03	1.07E-07	1.45	1.57E-01	2.44E-08	1,000,000	2.44E-02
206	1.65123	5.7347E-05	9.4692E-05	1.05E-03	9.90E-08	1.45	1.57E-01	2.26E-08	1,000,000	2.26E-02
207	1.52612	5.7347E-05	8.7518E-05	1.05E-03	9.15E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
208	1.41469	5.7347E-05	8.1128E-05	1.05E-03	8.48E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
209	2.25009	5.7347E-05	0.00012903	1.05E-03	1.35E-07	1.45	1.57E-01	3.07E-08	1,000,000	3.07E-02
210	2.08156	5.7347E-05	0.00011937	1.05E-03	1.25E-07	1.45	1.57E-01	2.84E-08	1,000,000	2.84E-02
211	1.92783	5.7347E-05	0.00011055	1.05E-03	1.16E-07	1.45	1.57E-01	2.63E-08	1,000,000	2.63E-02
212	1.78794	5.7347E-05	0.00010253	1.05E-03	1.07E-07	1.45	1.57E-01	2.44E-08	1,000,000	2.44E-02
213	1.6595	5.7347E-05	9.5167E-05	1.05E-03	9.95E-08	1.45	1.57E-01	2.27E-08	1,000,000	2.27E-02
214	1.54065	5.7347E-05	8.8351E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
215	1.43167	5.7347E-05	8.2101E-05	1.05E-03	8.58E-08	1.45	1.57E-01	1.96E-08	1,000,000	1.96E-02
216	2.15113	5.7347E-05	0.00012336	1.05E-03	1.29E-07	1.45	1.57E-01	2.94E-08	1,000,000	2.94E-02
217	2.00935	5.7347E-05	0.00011523	1.05E-03	1.20E-07	1.45	1.57E-01	2.74E-08	1,000,000	2.74E-02
218	1.87523	5.7347E-05	0.00010754	1.05E-03	1.12E-07	1.45	1.57E-01	2.56E-08	1,000,000	2.56E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	0.00010053	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
220	1.63911	5.7347E-05	9.3997E-05	1.05E-03	9.82E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
221	1.53397	5.7347E-05	8.7968E-05	1.05E-03	9.19E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
222	1.96086	5.7347E-05	0.00011245	1.05E-03	1.18E-07	1.45	1.57E-01	2.68E-08	1,000,000	2.68E-02
223	1.83851	5.7347E-05	0.00010543	1.05E-03	1.10E-07	1.45	1.57E-01	2.51E-08	1,000,000	2.51E-02
224	1.72393	5.7347E-05	9.8861E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.35E-08	1,000,000	2.35E-02
225	1.61804	5.7347E-05	9.2789E-05	1.05E-03	9.70E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02
226	1.51847	5.7347E-05	8.7079E-05	1.05E-03	9.10E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
227	1.79558	5.7347E-05	0.00010297	1.05E-03	1.08E-07	1.45	1.57E-01	2.45E-08	1,000,000	2.45E-02
228	1.68964	5.7347E-05	9.6895E-05	1.05E-03	1.01E-07	1.45	1.57E-01	2.31E-08	1,000,000	2.31E-02
229	1.59084	5.7347E-05	9.1229E-05	1.05E-03	9.54E-08	1.45	1.57E-01	2.17E-08	1,000,000	2.17E-02
230	1.49727	5.7347E-05	8.5863E-05	1.05E-03	8.97E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
231	1.65096	5.7347E-05	9.4677E-05	1.05E-03	9.90E-08	1.45	1.57E-01	2.25E-08	1,000,000	2.25E-02
232	1.55968	5.7347E-05	8.9442E-05	1.05E-03	9.35E-08	1.45	1.57E-01	2.13E-08	1,000,000	2.13E-02
233	1.47316	5.7347E-05	8.4481E-05	1.05E-03	8.83E-08	1.45	1.57E-01	2.01E-08	1,000,000	2.01E-02
234	1.39109	5.7347E-05	7.9774E-05	1.05E-03	8.34E-08	1.45	1.57E-01	1.90E-08	1,000,000	1.90E-02
235	1.52468	5.7347E-05	8.7435E-05	1.05E-03	9.14E-08	1.45	1.57E-01	2.08E-08	1,000,000	2.08E-02
236	1.44492	5.7347E-05	8.2861E-05	1.05E-03	8.66E-08	1.45	1.57E-01	1.97E-08	1,000,000	1.97E-02
237	1.36822	5.7347E-05	7.8463E-05	1.05E-03	8.20E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
238	1.2964	5.7347E-05	7.4344E-05	1.05E-03	7.77E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
239	1.41333	5.7347E-05	8.105E-05	1.05E-03	8.47E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
240	1.34288	5.7347E-05	7.701E-05	1.05E-03	8.05E-08	1.45	1.57E-01	1.83E-08	1,000,000	1.83E-02
241	1.27494	5.7347E-05	7.3113E-05	1.05E-03	7.64E-08	1.45	1.57E-01	1.74E-08	1,000,000	1.74E-02
242	1.21151	5.7347E-05	6.9476E-05	1.05E-03	7.26E-08	1.45	1.57E-01	1.65E-08	1,000,000	1.65E-02
243	1.77268	5.7347E-05	0.00010166	1.05E-03	1.06E-07	1.45	1.57E-01	2.42E-08	1,000,000	2.42E-02
244	1.75068	5.7347E-05	0.0001004	1.05E-03	1.05E-07	1.45	1.57E-01	2.39E-08	1,000,000	2.39E-02
245	1.71493	5.7347E-05	9.8345E-05	1.05E-03	1.03E-07	1.45	1.57E-01	2.34E-08	1,000,000	2.34E-02
246	1.66723	5.7347E-05	9.561E-05	1.05E-03	9.99E-08	1.45	1.57E-01	2.28E-08	1,000,000	2.28E-02
247	1.60937	5.7347E-05	9.2292E-05	1.05E-03	9.65E-08	1.45	1.57E-01	2.20E-08	1,000,000	2.20E-02
248	1.54554	5.7347E-05	8.8631E-05	1.05E-03	9.26E-08	1.45	1.57E-01	2.11E-08	1,000,000	2.11E-02
249	1.47778	5.7347E-05	8.4746E-05	1.05E-03	8.86E-08	1.45	1.57E-01	2.02E-08	1,000,000	2.02E-02
250	1.63823	5.7347E-05	9.3947E-05	1.05E-03	9.82E-08	1.45	1.57E-01	2.24E-08	1,000,000	2.24E-02
251	1.61615	5.7347E-05	9.2681E-05	1.05E-03	9.69E-08	1.45	1.57E-01	2.21E-08	1,000,000	2.21E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

Cancer Risk From Idle 5 - Birth to 2 years										
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.0764E-05	1.05E-03	9.49E-08	1.45	1.57E-01	2.16E-08	1,000,000	2.16E-02
253	1.53943	5.7347E-05	8.8281E-05	1.05E-03	9.23E-08	1.45	1.57E-01	2.10E-08	1,000,000	2.10E-02
254	1.48774	5.7347E-05	8.5317E-05	1.05E-03	8.92E-08	1.45	1.57E-01	2.03E-08	1,000,000	2.03E-02
255	1.43114	5.7347E-05	8.2071E-05	1.05E-03	8.58E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
256	1.3706	5.7347E-05	7.8599E-05	1.05E-03	8.22E-08	1.45	1.57E-01	1.87E-08	1,000,000	1.87E-02
257	1.51893	5.7347E-05	8.7105E-05	1.05E-03	9.10E-08	1.45	1.57E-01	2.07E-08	1,000,000	2.07E-02
258	1.49719	5.7347E-05	8.5859E-05	1.05E-03	8.97E-08	1.45	1.57E-01	2.04E-08	1,000,000	2.04E-02
259	1.46601	5.7347E-05	8.4071E-05	1.05E-03	8.79E-08	1.45	1.57E-01	2.00E-08	1,000,000	2.00E-02
260	1.42668	5.7347E-05	8.1815E-05	1.05E-03	8.55E-08	1.45	1.57E-01	1.95E-08	1,000,000	1.95E-02
261	1.38034	5.7347E-05	7.9158E-05	1.05E-03	8.27E-08	1.45	1.57E-01	1.89E-08	1,000,000	1.89E-02
262	1.32982	5.7347E-05	7.6261E-05	1.05E-03	7.97E-08	1.45	1.57E-01	1.82E-08	1,000,000	1.82E-02
263	1.27617	5.7347E-05	7.3184E-05	1.05E-03	7.65E-08	1.45	1.57E-01	1.74E-08	1,000,000	1.74E-02
264	1.41285	5.7347E-05	8.1022E-05	1.05E-03	8.47E-08	1.45	1.57E-01	1.93E-08	1,000,000	1.93E-02
265	1.39159	5.7347E-05	7.9803E-05	1.05E-03	8.34E-08	1.45	1.57E-01	1.90E-08	1,000,000	1.90E-02
266	1.36246	5.7347E-05	7.8132E-05	1.05E-03	8.17E-08	1.45	1.57E-01	1.86E-08	1,000,000	1.86E-02
267	1.32664	5.7347E-05	7.6078E-05	1.05E-03	7.95E-08	1.45	1.57E-01	1.81E-08	1,000,000	1.81E-02
268	1.28539	5.7347E-05	7.3713E-05	1.05E-03	7.70E-08	1.45	1.57E-01	1.76E-08	1,000,000	1.76E-02
269	1.23999	5.7347E-05	7.1109E-05	1.05E-03	7.43E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
270	1.19202	5.7347E-05	6.8358E-05	1.05E-03	7.14E-08	1.45	1.57E-01	1.63E-08	1,000,000	1.63E-02
271	1.31768	5.7347E-05	7.5564E-05	1.05E-03	7.90E-08	1.45	1.57E-01	1.80E-08	1,000,000	1.80E-02
272	1.29722	5.7347E-05	7.4391E-05	1.05E-03	7.78E-08	1.45	1.57E-01	1.77E-08	1,000,000	1.77E-02
273	1.27012	5.7347E-05	7.2837E-05	1.05E-03	7.61E-08	1.45	1.57E-01	1.73E-08	1,000,000	1.73E-02
274	1.23741	5.7347E-05	7.0961E-05	1.05E-03	7.42E-08	1.45	1.57E-01	1.69E-08	1,000,000	1.69E-02
275	1.2001	5.7347E-05	6.8822E-05	1.05E-03	7.19E-08	1.45	1.57E-01	1.64E-08	1,000,000	1.64E-02
276	1.15947	5.7347E-05	6.6492E-05	1.05E-03	6.95E-08	1.45	1.57E-01	1.58E-08	1,000,000	1.58E-02
277	1.11625	5.7347E-05	6.4013E-05	1.05E-03	6.69E-08	1.45	1.57E-01	1.52E-08	1,000,000	1.52E-02
278	1.06273	5.7347E-05	6.0944E-05	1.05E-03	6.37E-08	1.45	1.57E-01	1.45E-08	1,000,000	1.45E-02
279	1.10467	5.7347E-05	6.3349E-05	1.05E-03	6.62E-08	1.45	1.57E-01	1.51E-08	1,000,000	1.51E-02
280	1.21475	5.7347E-05	6.9662E-05	1.05E-03	7.28E-08	1.45	1.57E-01	1.66E-08	1,000,000	1.66E-02
281	1.20219	5.7347E-05	6.8941E-05	1.05E-03	7.21E-08	1.45	1.57E-01	1.64E-08	1,000,000	1.64E-02
282	1.30831	5.7347E-05	7.5027E-05	1.05E-03	7.84E-08	1.45	1.57E-01	1.79E-08	1,000,000	1.79E-02
283	1.10834	5.7347E-05	6.3559E-05	1.05E-03	6.64E-08	1.45	1.57E-01	1.51E-08	1,000,000	1.51E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	5.33341	5.7347E-05	0.00030585	1.05E-03	3.20E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
27	5.78544	5.7347E-05	0.00033178	1.05E-03	3.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
28	6.27627	5.7347E-05	0.00035992	1.05E-03	3.76E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
29	6.80695	5.7347E-05	0.00039036	1.05E-03	4.08E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
30	7.38095	5.7347E-05	0.00042327	1.05E-03	4.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
31	8.00492	5.7347E-05	0.00045905	1.05E-03	4.80E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
32	8.68523	5.7347E-05	0.00049807	1.05E-03	5.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
33	9.41831	5.7347E-05	0.00054011	1.05E-03	5.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
34	10.17889	5.7347E-05	0.00058372	1.05E-03	6.10E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
35	10.91643	5.7347E-05	0.00062602	1.05E-03	6.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
36	11.56005	5.7347E-05	0.00066293	1.05E-03	6.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
37	5.81465	5.7347E-05	0.00033345	1.05E-03	3.49E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
38	6.34968	5.7347E-05	0.00036413	1.05E-03	3.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
39	6.93747	5.7347E-05	0.00039784	1.05E-03	4.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
40	7.57971	5.7347E-05	0.00043467	1.05E-03	4.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
41	8.28033	5.7347E-05	0.00047485	1.05E-03	4.96E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
42	9.04689	5.7347E-05	0.00051881	1.05E-03	5.42E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
43	9.88746	5.7347E-05	0.00056701	1.05E-03	5.93E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
44	10.79896	5.7347E-05	0.00061928	1.05E-03	6.47E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
45	11.74973	5.7347E-05	0.00067381	1.05E-03	7.04E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
46	12.67029	5.7347E-05	0.0007266	1.05E-03	7.59E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
47	13.45962	5.7347E-05	0.00077186	1.05E-03	8.07E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
48	6.3585	5.7347E-05	0.00036464	1.05E-03	3.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
49	6.99609	5.7347E-05	0.0004012	1.05E-03	4.19E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
50	7.70612	5.7347E-05	0.00044192	1.05E-03	4.62E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
51	8.49211	5.7347E-05	0.00048699	1.05E-03	5.09E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
52	9.35931	5.7347E-05	0.00053672	1.05E-03	5.61E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
53	10.31677	5.7347E-05	0.00059163	1.05E-03	6.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
54	11.37448	5.7347E-05	0.00065229	1.05E-03	6.82E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
55	12.52999	5.7347E-05	0.00071855	1.05E-03	7.51E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
56	13.74306	5.7347E-05	0.00078812	1.05E-03	8.24E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
57	14.91571	5.7347E-05	0.00085536	1.05E-03	8.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	0.00091173	1.05E-03	9.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
59	6.97343	5.7347E-05	0.0003999	1.05E-03	4.18E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
60	7.73855	5.7347E-05	0.00044378	1.05E-03	4.64E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
61	8.604	5.7347E-05	0.00049341	1.05E-03	5.16E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
62	9.57728	5.7347E-05	0.00054922	1.05E-03	5.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
63	10.66704	5.7347E-05	0.00061172	1.05E-03	6.39E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
64	11.88547	5.7347E-05	0.00068159	1.05E-03	7.12E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
65	13.24533	5.7347E-05	0.00075957	1.05E-03	7.94E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
66	14.74449	5.7347E-05	0.00084555	1.05E-03	8.84E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
67	16.33077	5.7347E-05	0.00093651	1.05E-03	9.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
68	17.86179	5.7347E-05	0.00102431	1.05E-03	1.07E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
69	19.10687	5.7347E-05	0.00109571	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
70	7.66748	5.7347E-05	0.0004397	1.05E-03	4.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
71	8.59218	5.7347E-05	0.00049273	1.05E-03	5.15E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
72	9.65697	5.7347E-05	0.00055379	1.05E-03	5.79E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
73	10.87714	5.7347E-05	0.00062377	1.05E-03	6.52E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
74	12.26904	5.7347E-05	0.00070359	1.05E-03	7.35E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
75	13.85233	5.7347E-05	0.00079438	1.05E-03	8.30E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
76	15.64539	5.7347E-05	0.00089721	1.05E-03	9.38E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
77	17.64595	5.7347E-05	0.00101193	1.05E-03	1.06E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
78	19.7839	5.7347E-05	0.00113454	1.05E-03	1.19E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
79	21.84465	5.7347E-05	0.00125272	1.05E-03	1.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
80	23.45211	5.7347E-05	0.0013449	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
81	8.44662	5.7347E-05	0.00048438	1.05E-03	5.06E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
82	9.57185	5.7347E-05	0.00054891	1.05E-03	5.74E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
83	10.89439	5.7347E-05	0.00062476	1.05E-03	6.53E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
84	12.44401	5.7347E-05	0.00071362	1.05E-03	7.46E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
85	14.25293	5.7347E-05	0.00081736	1.05E-03	8.54E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
86	16.35845	5.7347E-05	0.0009381	1.05E-03	9.81E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
87	18.79392	5.7347E-05	0.00107777	1.05E-03	1.13E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
88	21.55807	5.7347E-05	0.00123628	1.05E-03	1.29E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
89	24.55131	5.7347E-05	0.00140793	1.05E-03	1.47E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
90	27.43498	5.7347E-05	0.0015733	1.05E-03	1.64E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - Birth to 2 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	0.00169475	1.05E-03	1.77E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
92	9.31214	5.7347E-05	0.00053402	1.05E-03	5.58E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
93	10.68884	5.7347E-05	0.00061297	1.05E-03	6.41E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
94	12.34607	5.7347E-05	0.000708	1.05E-03	7.40E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
95	14.34007	5.7347E-05	0.00082235	1.05E-03	8.60E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
96	16.73471	5.7347E-05	0.00095968	1.05E-03	1.00E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
97	19.60651	5.7347E-05	0.00112437	1.05E-03	1.18E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
98	23.03041	5.7347E-05	0.00132071	1.05E-03	1.38E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
99	27.01958	5.7347E-05	0.00154948	1.05E-03	1.62E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
100	31.42314	5.7347E-05	0.00180201	1.05E-03	1.88E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
101	35.67215	5.7347E-05	0.00204568	1.05E-03	2.14E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
102	38.51512	5.7347E-05	0.00220871	1.05E-03	2.31E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
103	16.09433	5.7347E-05	0.00092295	1.05E-03	9.65E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
104	19.12371	5.7347E-05	0.00109668	1.05E-03	1.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
105	23.46263	5.7347E-05	0.0013455	1.05E-03	1.41E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
106	28.2745	5.7347E-05	0.00162145	1.05E-03	1.69E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
107	34.97506	5.7347E-05	0.0020057	1.05E-03	2.10E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
108	41.90362	5.7347E-05	0.00240303	1.05E-03	2.51E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
109	48.63649	5.7347E-05	0.00278914	1.05E-03	2.92E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
110	52.47842	5.7347E-05	0.00300946	1.05E-03	3.15E-06	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
111	13.69663	5.7347E-05	0.00078545	1.05E-03	8.21E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00
112	11.51625	5.7347E-05	0.00066042	1.05E-03	6.90E-07	0.00	1.57E-01	0.00E+00	1,000,000	0.00E+00

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	5.73E-05	2.66E-05	6.05E-04	1.61E-08	14	4.71E-02	1.06E-08	1,000,000	1.1E-02
2	0.49007	5.7347E-05	2.81E-05	6.05E-04	1.70E-08	14	4.71E-02	1.12E-08	1,000,000	1.12E-02
3	0.51995	5.7347E-05	2.98E-05	6.05E-04	1.80E-08	14	4.71E-02	1.19E-08	1,000,000	1.19E-02
4	0.55237	5.7347E-05	3.17E-05	6.05E-04	1.92E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
5	0.58882	5.7347E-05	3.38E-05	6.05E-04	2.04E-08	14	4.71E-02	1.35E-08	1,000,000	1.35E-02
6	0.4603	5.7347E-05	2.64E-05	6.05E-04	1.60E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
7	0.48669	5.7347E-05	2.79E-05	6.05E-04	1.69E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
8	0.51602	5.7347E-05	2.96E-05	6.05E-04	1.79E-08	14	4.71E-02	1.18E-08	1,000,000	1.18E-02
9	0.5493	5.7347E-05	3.15E-05	6.05E-04	1.91E-08	14	4.71E-02	1.26E-08	1,000,000	1.26E-02
10	0.58568	5.7347E-05	3.36E-05	6.05E-04	2.03E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
11	0.45692	5.7347E-05	2.62E-05	6.05E-04	1.59E-08	14	4.71E-02	1.05E-08	1,000,000	1.05E-02
12	0.48335	5.7347E-05	2.77E-05	6.05E-04	1.68E-08	14	4.71E-02	1.11E-08	1,000,000	1.11E-02
13	0.51286	5.7347E-05	2.94E-05	6.05E-04	1.78E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
14	0.54645	5.7347E-05	3.13E-05	6.05E-04	1.90E-08	14	4.71E-02	1.25E-08	1,000,000	1.25E-02
15	0.58308	5.7347E-05	3.34E-05	6.05E-04	2.02E-08	14	4.71E-02	1.34E-08	1,000,000	1.34E-02
16	0.45388	5.7347E-05	2.60E-05	6.05E-04	1.57E-08	14	4.71E-02	1.04E-08	1,000,000	1.04E-02
17	0.48061	5.7347E-05	2.76E-05	6.05E-04	1.67E-08	14	4.71E-02	1.10E-08	1,000,000	1.10E-02
18	0.51014	5.7347E-05	2.93E-05	6.05E-04	1.77E-08	14	4.71E-02	1.17E-08	1,000,000	1.17E-02
19	0.54274	5.7347E-05	3.11E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
20	0.57983	5.7347E-05	3.33E-05	6.05E-04	2.01E-08	14	4.71E-02	1.33E-08	1,000,000	1.33E-02
21	0.45139	5.7347E-05	2.59E-05	6.05E-04	1.57E-08	14	4.71E-02	1.03E-08	1,000,000	1.03E-02
22	0.47814	5.7347E-05	2.74E-05	6.05E-04	1.66E-08	14	4.71E-02	1.09E-08	1,000,000	1.09E-02
23	0.50791	5.7347E-05	2.91E-05	6.05E-04	1.76E-08	14	4.71E-02	1.16E-08	1,000,000	1.16E-02
24	0.54088	5.7347E-05	3.10E-05	6.05E-04	1.88E-08	14	4.71E-02	1.24E-08	1,000,000	1.24E-02
25	0.57729	5.7347E-05	3.31E-05	6.05E-04	2.00E-08	14	4.71E-02	1.32E-08	1,000,000	1.32E-02
113	2.95468	5.7347E-05	1.69E-04	6.05E-04	1.03E-07	14	4.71E-02	6.77E-08	1,000,000	6.77E-02
114	2.65926	5.7347E-05	1.52E-04	6.05E-04	9.23E-08	14	4.71E-02	6.09E-08	1,000,000	6.09E-02
115	2.40236	5.7347E-05	1.38E-04	6.05E-04	8.34E-08	14	4.71E-02	5.50E-08	1,000,000	5.50E-02
116	2.17918	5.7347E-05	1.25E-04	6.05E-04	7.56E-08	14	4.71E-02	4.99E-08	1,000,000	4.99E-02
117	3.05482	5.7347E-05	1.75E-04	6.05E-04	1.06E-07	14	4.71E-02	7.00E-08	1,000,000	7.00E-02
118	2.73368	5.7347E-05	1.57E-04	6.05E-04	9.49E-08	14	4.71E-02	6.26E-08	1,000,000	6.26E-02
119	2.45863	5.7347E-05	1.41E-04	6.05E-04	8.53E-08	14	4.71E-02	5.63E-08	1,000,000	5.63E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	1.27E-04	6.05E-04	7.71E-08	14	4.71E-02	5.09E-08	1,000,000	5.09E-02
121	3.14401	5.7347E-05	1.80E-04	6.05E-04	1.09E-07	14	4.71E-02	7.20E-08	1,000,000	7.20E-02
122	2.79936	5.7347E-05	1.61E-04	6.05E-04	9.71E-08	14	4.71E-02	6.41E-08	1,000,000	6.41E-02
123	2.50772	5.7347E-05	1.44E-04	6.05E-04	8.70E-08	14	4.71E-02	5.74E-08	1,000,000	5.74E-02
124	2.2594	5.7347E-05	1.30E-04	6.05E-04	7.84E-08	14	4.71E-02	5.17E-08	1,000,000	5.17E-02
125	3.22113	5.7347E-05	1.85E-04	6.05E-04	1.12E-07	14	4.71E-02	7.38E-08	1,000,000	7.38E-02
126	2.85559	5.7347E-05	1.64E-04	6.05E-04	9.91E-08	14	4.71E-02	6.54E-08	1,000,000	6.54E-02
127	2.54947	5.7347E-05	1.46E-04	6.05E-04	8.85E-08	14	4.71E-02	5.84E-08	1,000,000	5.84E-02
128	2.29099	5.7347E-05	1.31E-04	6.05E-04	7.95E-08	14	4.71E-02	5.25E-08	1,000,000	5.25E-02
129	3.28577	5.7347E-05	1.88E-04	6.05E-04	1.14E-07	14	4.71E-02	7.52E-08	1,000,000	7.52E-02
130	2.90257	5.7347E-05	1.66E-04	6.05E-04	1.01E-07	14	4.71E-02	6.65E-08	1,000,000	6.65E-02
131	2.58446	5.7347E-05	1.48E-04	6.05E-04	8.97E-08	14	4.71E-02	5.92E-08	1,000,000	5.92E-02
132	2.31768	5.7347E-05	1.33E-04	6.05E-04	8.04E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
133	3.33854	5.7347E-05	1.91E-04	6.05E-04	1.16E-07	14	4.71E-02	7.65E-08	1,000,000	7.65E-02
134	2.94105	5.7347E-05	1.69E-04	6.05E-04	1.02E-07	14	4.71E-02	6.74E-08	1,000,000	6.74E-02
135	2.61321	5.7347E-05	1.50E-04	6.05E-04	9.07E-08	14	4.71E-02	5.98E-08	1,000,000	5.98E-02
136	2.33957	5.7347E-05	1.34E-04	6.05E-04	8.12E-08	14	4.71E-02	5.36E-08	1,000,000	5.36E-02
137	3.37977	5.7347E-05	1.94E-04	6.05E-04	1.17E-07	14	4.71E-02	7.74E-08	1,000,000	7.74E-02
138	2.63505	5.7347E-05	1.51E-04	6.05E-04	9.14E-08	14	4.71E-02	6.03E-08	1,000,000	6.03E-02
139	2.35574	5.7347E-05	1.35E-04	6.05E-04	8.17E-08	14	4.71E-02	5.39E-08	1,000,000	5.39E-02
140	3.41683	5.7347E-05	1.96E-04	6.05E-04	1.19E-07	14	4.71E-02	7.82E-08	1,000,000	7.82E-02
141	2.99266	5.7347E-05	1.72E-04	6.05E-04	1.04E-07	14	4.71E-02	6.85E-08	1,000,000	6.85E-02
142	2.64698	5.7347E-05	1.52E-04	6.05E-04	9.18E-08	14	4.71E-02	6.06E-08	1,000,000	6.06E-02
143	2.36117	5.7347E-05	1.35E-04	6.05E-04	8.19E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
144	3.39313	5.7347E-05	1.95E-04	6.05E-04	1.18E-07	14	4.71E-02	7.77E-08	1,000,000	7.77E-02
145	2.97258	5.7347E-05	1.70E-04	6.05E-04	1.03E-07	14	4.71E-02	6.81E-08	1,000,000	6.81E-02
146	2.62985	5.7347E-05	1.51E-04	6.05E-04	9.13E-08	14	4.71E-02	6.02E-08	1,000,000	6.02E-02
147	2.34645	5.7347E-05	1.35E-04	6.05E-04	8.14E-08	14	4.71E-02	5.37E-08	1,000,000	5.37E-02
148	3.34522	5.7347E-05	1.92E-04	6.05E-04	1.16E-07	14	4.71E-02	7.66E-08	1,000,000	7.66E-02
149	2.93411	5.7347E-05	1.68E-04	6.05E-04	1.02E-07	14	4.71E-02	6.72E-08	1,000,000	6.72E-02
150	2.59842	5.7347E-05	1.49E-04	6.05E-04	9.02E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
151	2.3204	5.7347E-05	1.33E-04	6.05E-04	8.05E-08	14	4.71E-02	5.31E-08	1,000,000	5.31E-02
152	3.26853	5.7347E-05	1.87E-04	6.05E-04	1.13E-07	14	4.71E-02	7.49E-08	1,000,000	7.49E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	1.65E-04	6.05E-04	9.97E-08	14	4.71E-02	6.58E-08	1,000,000	6.58E-02
154	2.55044	5.7347E-05	1.46E-04	6.05E-04	8.85E-08	14	4.71E-02	5.84E-08	1,000,000	5.84E-02
155	2.2813	5.7347E-05	1.31E-04	6.05E-04	7.92E-08	14	4.71E-02	5.22E-08	1,000,000	5.22E-02
156	3.15854	5.7347E-05	1.81E-04	6.05E-04	1.10E-07	14	4.71E-02	7.23E-08	1,000,000	7.23E-02
157	2.7901	5.7347E-05	1.60E-04	6.05E-04	9.68E-08	14	4.71E-02	6.39E-08	1,000,000	6.39E-02
158	2.48459	5.7347E-05	1.42E-04	6.05E-04	8.62E-08	14	4.71E-02	5.69E-08	1,000,000	5.69E-02
159	2.22854	5.7347E-05	1.28E-04	6.05E-04	7.73E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02
160	3.00961	5.7347E-05	1.73E-04	6.05E-04	1.04E-07	14	4.71E-02	6.89E-08	1,000,000	6.89E-02
161	2.67826	5.7347E-05	1.54E-04	6.05E-04	9.29E-08	14	4.71E-02	6.13E-08	1,000,000	6.13E-02
162	2.39859	5.7347E-05	1.38E-04	6.05E-04	8.32E-08	14	4.71E-02	5.49E-08	1,000,000	5.49E-02
163	2.1605	5.7347E-05	1.24E-04	6.05E-04	7.50E-08	14	4.71E-02	4.95E-08	1,000,000	4.95E-02
164	2.8193	5.7347E-05	1.62E-04	6.05E-04	9.78E-08	14	4.71E-02	6.46E-08	1,000,000	6.46E-02
165	2.53484	5.7347E-05	1.45E-04	6.05E-04	8.80E-08	14	4.71E-02	5.81E-08	1,000,000	5.81E-02
166	2.28657	5.7347E-05	1.31E-04	6.05E-04	7.93E-08	14	4.71E-02	5.24E-08	1,000,000	5.24E-02
167	2.0733	5.7347E-05	1.19E-04	6.05E-04	7.19E-08	14	4.71E-02	4.75E-08	1,000,000	4.75E-02
168	2.59628	5.7347E-05	1.49E-04	6.05E-04	9.01E-08	14	4.71E-02	5.95E-08	1,000,000	5.95E-02
169	2.36192	5.7347E-05	1.35E-04	6.05E-04	8.20E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
170	2.15194	5.7347E-05	1.23E-04	6.05E-04	7.47E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
171	1.96845	5.7347E-05	1.13E-04	6.05E-04	6.83E-08	14	4.71E-02	4.51E-08	1,000,000	4.51E-02
172	2.36138	5.7347E-05	1.35E-04	6.05E-04	8.19E-08	14	4.71E-02	5.41E-08	1,000,000	5.41E-02
173	2.17117	5.7347E-05	1.25E-04	6.05E-04	7.53E-08	14	4.71E-02	4.97E-08	1,000,000	4.97E-02
174	1.9989	5.7347E-05	1.15E-04	6.05E-04	6.94E-08	14	4.71E-02	4.58E-08	1,000,000	4.58E-02
175	1.8455	5.7347E-05	1.06E-04	6.05E-04	6.40E-08	14	4.71E-02	4.23E-08	1,000,000	4.23E-02
176	2.13864	5.7347E-05	1.23E-04	6.05E-04	7.42E-08	14	4.71E-02	4.90E-08	1,000,000	4.90E-02
177	1.98045	5.7347E-05	1.14E-04	6.05E-04	6.87E-08	14	4.71E-02	4.54E-08	1,000,000	4.54E-02
178	1.83829	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
179	1.71159	5.7347E-05	9.82E-05	6.05E-04	5.94E-08	14	4.71E-02	3.92E-08	1,000,000	3.92E-02
180	1.94462	5.7347E-05	1.12E-04	6.05E-04	6.75E-08	14	4.71E-02	4.45E-08	1,000,000	4.45E-02
181	1.80541	5.7347E-05	1.04E-04	6.05E-04	6.26E-08	14	4.71E-02	4.13E-08	1,000,000	4.13E-02
182	1.68396	5.7347E-05	9.66E-05	6.05E-04	5.84E-08	14	4.71E-02	3.86E-08	1,000,000	3.86E-02
183	1.57725	5.7347E-05	9.04E-05	6.05E-04	5.47E-08	14	4.71E-02	3.61E-08	1,000,000	3.61E-02
184	2.83203	5.7347E-05	1.62E-04	6.05E-04	9.83E-08	14	4.71E-02	6.49E-08	1,000,000	6.49E-02
185	2.22573	5.7347E-05	1.28E-04	6.05E-04	7.72E-08	14	4.71E-02	5.10E-08	1,000,000	5.10E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	1.17E-04	6.05E-04	7.06E-08	14	4.71E-02	4.66E-08	1,000,000	4.66E-02
187	1.87528	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02
188	1.73998	5.7347E-05	9.98E-05	6.05E-04	6.04E-08	14	4.71E-02	3.98E-08	1,000,000	3.98E-02
189	2.25756	5.7347E-05	1.29E-04	6.05E-04	7.83E-08	14	4.71E-02	5.17E-08	1,000,000	5.17E-02
190	2.05212	5.7347E-05	1.18E-04	6.05E-04	7.12E-08	14	4.71E-02	4.70E-08	1,000,000	4.70E-02
191	1.87721	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.30E-08	1,000,000	4.30E-02
192	1.72915	5.7347E-05	9.92E-05	6.05E-04	6.00E-08	14	4.71E-02	3.96E-08	1,000,000	3.96E-02
193	1.60238	5.7347E-05	9.19E-05	6.05E-04	5.56E-08	14	4.71E-02	3.67E-08	1,000,000	3.67E-02
194	2.08374	5.7347E-05	1.19E-04	6.05E-04	7.23E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
195	1.90338	5.7347E-05	1.09E-04	6.05E-04	6.60E-08	14	4.71E-02	4.36E-08	1,000,000	4.36E-02
196	1.74531	5.7347E-05	1.00E-04	6.05E-04	6.06E-08	14	4.71E-02	4.00E-08	1,000,000	4.00E-02
197	1.60728	5.7347E-05	9.22E-05	6.05E-04	5.58E-08	14	4.71E-02	3.68E-08	1,000,000	3.68E-02
198	1.48994	5.7347E-05	8.54E-05	6.05E-04	5.17E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
199	1.92817	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.42E-08	1,000,000	4.42E-02
200	1.7712	5.7347E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
201	1.63011	5.7347E-05	9.35E-05	6.05E-04	5.66E-08	14	4.71E-02	3.73E-08	1,000,000	3.73E-02
202	1.505	5.7347E-05	8.63E-05	6.05E-04	5.22E-08	14	4.71E-02	3.45E-08	1,000,000	3.45E-02
203	1.3958	5.7347E-05	8.00E-05	6.05E-04	4.84E-08	14	4.71E-02	3.20E-08	1,000,000	3.20E-02
204	2.48112	5.7347E-05	1.42E-04	6.05E-04	8.61E-08	14	4.71E-02	5.68E-08	1,000,000	5.68E-02
205	1.78731	5.7347E-05	1.02E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
206	1.65123	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
207	1.52612	5.7347E-05	8.75E-05	6.05E-04	5.30E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
208	1.41469	5.7347E-05	8.11E-05	6.05E-04	4.91E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
209	2.25009	5.7347E-05	1.29E-04	6.05E-04	7.81E-08	14	4.71E-02	5.15E-08	1,000,000	5.15E-02
210	2.08156	5.7347E-05	1.19E-04	6.05E-04	7.22E-08	14	4.71E-02	4.77E-08	1,000,000	4.77E-02
211	1.92783	5.7347E-05	1.11E-04	6.05E-04	6.69E-08	14	4.71E-02	4.41E-08	1,000,000	4.41E-02
212	1.78794	5.7347E-05	1.03E-04	6.05E-04	6.20E-08	14	4.71E-02	4.09E-08	1,000,000	4.09E-02
213	1.6595	5.7347E-05	9.52E-05	6.05E-04	5.76E-08	14	4.71E-02	3.80E-08	1,000,000	3.80E-02
214	1.54065	5.7347E-05	8.84E-05	6.05E-04	5.35E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
215	1.43167	5.7347E-05	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
216	2.15113	5.7347E-05	1.23E-04	6.05E-04	7.46E-08	14	4.71E-02	4.93E-08	1,000,000	4.93E-02
217	2.00935	5.7347E-05	1.15E-04	6.05E-04	6.97E-08	14	4.71E-02	4.60E-08	1,000,000	4.60E-02
218	1.87523	5.7347E-05	1.08E-04	6.05E-04	6.51E-08	14	4.71E-02	4.29E-08	1,000,000	4.29E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	1.01E-04	6.05E-04	6.08E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
220	1.63911	5.7347E-05	9.40E-05	6.05E-04	5.69E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
221	1.53397	5.7347E-05	8.80E-05	6.05E-04	5.32E-08	14	4.71E-02	3.51E-08	1,000,000	3.51E-02
222	1.96086	5.7347E-05	1.12E-04	6.05E-04	6.80E-08	14	4.71E-02	4.49E-08	1,000,000	4.49E-02
223	1.83851	5.7347E-05	1.05E-04	6.05E-04	6.38E-08	14	4.71E-02	4.21E-08	1,000,000	4.21E-02
224	1.72393	5.7347E-05	9.89E-05	6.05E-04	5.98E-08	14	4.71E-02	3.95E-08	1,000,000	3.95E-02
225	1.61804	5.7347E-05	9.28E-05	6.05E-04	5.61E-08	14	4.71E-02	3.71E-08	1,000,000	3.71E-02
226	1.51847	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
227	1.79558	5.7347E-05	1.03E-04	6.05E-04	6.23E-08	14	4.71E-02	4.11E-08	1,000,000	4.11E-02
228	1.68964	5.7347E-05	9.69E-05	6.05E-04	5.86E-08	14	4.71E-02	3.87E-08	1,000,000	3.87E-02
229	1.59084	5.7347E-05	9.12E-05	6.05E-04	5.52E-08	14	4.71E-02	3.64E-08	1,000,000	3.64E-02
230	1.49727	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
231	1.65096	5.7347E-05	9.47E-05	6.05E-04	5.73E-08	14	4.71E-02	3.78E-08	1,000,000	3.78E-02
232	1.55968	5.7347E-05	8.94E-05	6.05E-04	5.41E-08	14	4.71E-02	3.57E-08	1,000,000	3.57E-02
233	1.47316	5.7347E-05	8.45E-05	6.05E-04	5.11E-08	14	4.71E-02	3.37E-08	1,000,000	3.37E-02
234	1.39109	5.7347E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
235	1.52468	5.7347E-05	8.74E-05	6.05E-04	5.29E-08	14	4.71E-02	3.49E-08	1,000,000	3.49E-02
236	1.44492	5.7347E-05	8.29E-05	6.05E-04	5.01E-08	14	4.71E-02	3.31E-08	1,000,000	3.31E-02
237	1.36822	5.7347E-05	7.85E-05	6.05E-04	4.75E-08	14	4.71E-02	3.13E-08	1,000,000	3.13E-02
238	1.2964	5.7347E-05	7.43E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
239	1.41333	5.7347E-05	8.10E-05	6.05E-04	4.90E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
240	1.34288	5.7347E-05	7.70E-05	6.05E-04	4.66E-08	14	4.71E-02	3.08E-08	1,000,000	3.08E-02
241	1.27494	5.7347E-05	7.31E-05	6.05E-04	4.42E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
242	1.21151	5.7347E-05	6.95E-05	6.05E-04	4.20E-08	14	4.71E-02	2.77E-08	1,000,000	2.77E-02
243	1.77268	5.7347E-05	1.02E-04	6.05E-04	6.15E-08	14	4.71E-02	4.06E-08	1,000,000	4.06E-02
244	1.75068	5.7347E-05	1.00E-04	6.05E-04	6.07E-08	14	4.71E-02	4.01E-08	1,000,000	4.01E-02
245	1.71493	5.7347E-05	9.83E-05	6.05E-04	5.95E-08	14	4.71E-02	3.93E-08	1,000,000	3.93E-02
246	1.66723	5.7347E-05	9.56E-05	6.05E-04	5.79E-08	14	4.71E-02	3.82E-08	1,000,000	3.82E-02
247	1.60937	5.7347E-05	9.23E-05	6.05E-04	5.58E-08	14	4.71E-02	3.69E-08	1,000,000	3.69E-02
248	1.54554	5.7347E-05	8.86E-05	6.05E-04	5.36E-08	14	4.71E-02	3.54E-08	1,000,000	3.54E-02
249	1.47778	5.7347E-05	8.47E-05	6.05E-04	5.13E-08	14	4.71E-02	3.38E-08	1,000,000	3.38E-02
250	1.63823	5.7347E-05	9.39E-05	6.05E-04	5.68E-08	14	4.71E-02	3.75E-08	1,000,000	3.75E-02
251	1.61615	5.7347E-05	9.27E-05	6.05E-04	5.61E-08	14	4.71E-02	3.70E-08	1,000,000	3.70E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.08E-05	6.05E-04	5.49E-08	14	4.71E-02	3.62E-08	1,000,000	3.62E-02
253	1.53943	5.7347E-05	8.83E-05	6.05E-04	5.34E-08	14	4.71E-02	3.53E-08	1,000,000	3.53E-02
254	1.48774	5.7347E-05	8.53E-05	6.05E-04	5.16E-08	14	4.71E-02	3.41E-08	1,000,000	3.41E-02
255	1.43114	5.7347E-05	8.21E-05	6.05E-04	4.97E-08	14	4.71E-02	3.28E-08	1,000,000	3.28E-02
256	1.3706	5.7347E-05	7.86E-05	6.05E-04	4.76E-08	14	4.71E-02	3.14E-08	1,000,000	3.14E-02
257	1.51893	5.7347E-05	8.71E-05	6.05E-04	5.27E-08	14	4.71E-02	3.48E-08	1,000,000	3.48E-02
258	1.49719	5.7347E-05	8.59E-05	6.05E-04	5.20E-08	14	4.71E-02	3.43E-08	1,000,000	3.43E-02
259	1.46601	5.7347E-05	8.41E-05	6.05E-04	5.09E-08	14	4.71E-02	3.36E-08	1,000,000	3.36E-02
260	1.42668	5.7347E-05	8.18E-05	6.05E-04	4.95E-08	14	4.71E-02	3.27E-08	1,000,000	3.27E-02
261	1.38034	5.7347E-05	7.92E-05	6.05E-04	4.79E-08	14	4.71E-02	3.16E-08	1,000,000	3.16E-02
262	1.32982	5.7347E-05	7.63E-05	6.05E-04	4.61E-08	14	4.71E-02	3.05E-08	1,000,000	3.05E-02
263	1.27617	5.7347E-05	7.32E-05	6.05E-04	4.43E-08	14	4.71E-02	2.92E-08	1,000,000	2.92E-02
264	1.41285	5.7347E-05	8.10E-05	6.05E-04	4.90E-08	14	4.71E-02	3.24E-08	1,000,000	3.24E-02
265	1.39159	5.7347E-05	7.98E-05	6.05E-04	4.83E-08	14	4.71E-02	3.19E-08	1,000,000	3.19E-02
266	1.36246	5.7347E-05	7.81E-05	6.05E-04	4.73E-08	14	4.71E-02	3.12E-08	1,000,000	3.12E-02
267	1.32664	5.7347E-05	7.61E-05	6.05E-04	4.60E-08	14	4.71E-02	3.04E-08	1,000,000	3.04E-02
268	1.28539	5.7347E-05	7.37E-05	6.05E-04	4.46E-08	14	4.71E-02	2.94E-08	1,000,000	2.94E-02
269	1.23999	5.7347E-05	7.11E-05	6.05E-04	4.30E-08	14	4.71E-02	2.84E-08	1,000,000	2.84E-02
270	1.19202	5.7347E-05	6.84E-05	6.05E-04	4.14E-08	14	4.71E-02	2.73E-08	1,000,000	2.73E-02
271	1.31768	5.7347E-05	7.56E-05	6.05E-04	4.57E-08	14	4.71E-02	3.02E-08	1,000,000	3.02E-02
272	1.29722	5.7347E-05	7.44E-05	6.05E-04	4.50E-08	14	4.71E-02	2.97E-08	1,000,000	2.97E-02
273	1.27012	5.7347E-05	7.28E-05	6.05E-04	4.41E-08	14	4.71E-02	2.91E-08	1,000,000	2.91E-02
274	1.23741	5.7347E-05	7.10E-05	6.05E-04	4.29E-08	14	4.71E-02	2.83E-08	1,000,000	2.83E-02
275	1.2001	5.7347E-05	6.88E-05	6.05E-04	4.16E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
276	1.15947	5.7347E-05	6.65E-05	6.05E-04	4.02E-08	14	4.71E-02	2.66E-08	1,000,000	2.66E-02
277	1.11625	5.7347E-05	6.40E-05	6.05E-04	3.87E-08	14	4.71E-02	2.56E-08	1,000,000	2.56E-02
278	1.06273	5.7347E-05	6.09E-05	6.05E-04	3.69E-08	14	4.71E-02	2.43E-08	1,000,000	2.43E-02
279	1.10467	5.7347E-05	6.33E-05	6.05E-04	3.83E-08	14	4.71E-02	2.53E-08	1,000,000	2.53E-02
280	1.21475	5.7347E-05	6.97E-05	6.05E-04	4.22E-08	14	4.71E-02	2.78E-08	1,000,000	2.78E-02
281	1.20219	5.7347E-05	6.89E-05	6.05E-04	4.17E-08	14	4.71E-02	2.75E-08	1,000,000	2.75E-02
282	1.30831	5.7347E-05	7.50E-05	6.05E-04	4.54E-08	14	4.71E-02	3.00E-08	1,000,000	3.00E-02
283	1.10834	5.7347E-05	6.36E-05	6.05E-04	3.85E-08	14	4.71E-02	2.54E-08	1,000,000	2.54E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - 2 to 14 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
							School Recepors			
26	5.33341	5.7347E-05	3.06E-04	6.05E-04	1.85E-07	10	4.71E-02	8.72E-08	1,000,000	8.72E-02
27	5.78544	5.7347E-05	3.32E-04	6.05E-04	2.01E-07	10	4.71E-02	9.46E-08	1,000,000	9.46E-02
28	6.27627	5.7347E-05	3.60E-04	6.05E-04	2.18E-07	10	4.71E-02	1.03E-07	1,000,000	1.03E-01
29	6.80695	5.7347E-05	3.90E-04	6.05E-04	2.36E-07	10	4.71E-02	1.11E-07	1,000,000	1.11E-01
30	7.38095	5.7347E-05	4.23E-04	6.05E-04	2.56E-07	10	4.71E-02	1.21E-07	1,000,000	1.21E-01
31	8.00492	5.7347E-05	4.59E-04	6.05E-04	2.78E-07	10	4.71E-02	1.31E-07	1,000,000	1.31E-01
32	8.68523	5.7347E-05	4.98E-04	6.05E-04	3.01E-07	10	4.71E-02	1.42E-07	1,000,000	1.42E-01
33	9.41831	5.7347E-05	5.40E-04	6.05E-04	3.27E-07	10	4.71E-02	1.54E-07	1,000,000	1.54E-01
34	10.17889	5.7347E-05	5.84E-04	6.05E-04	3.53E-07	10	4.71E-02	1.67E-07	1,000,000	1.67E-01
35	10.91643	5.7347E-05	6.26E-04	6.05E-04	3.79E-07	10	4.71E-02	1.79E-07	1,000,000	1.79E-01
36	11.56005	5.7347E-05	6.63E-04	6.05E-04	4.01E-07	10	4.71E-02	1.89E-07	1,000,000	1.89E-01
37	5.81465	5.7347E-05	3.33E-04	6.05E-04	2.02E-07	10	4.71E-02	9.51E-08	1,000,000	9.51E-02
38	6.34968	5.7347E-05	3.64E-04	6.05E-04	2.20E-07	10	4.71E-02	1.04E-07	1,000,000	1.04E-01
39	6.93747	5.7347E-05	3.98E-04	6.05E-04	2.41E-07	10	4.71E-02	1.13E-07	1,000,000	1.13E-01
40	7.57971	5.7347E-05	4.35E-04	6.05E-04	2.63E-07	10	4.71E-02	1.24E-07	1,000,000	1.24E-01
41	8.28033	5.7347E-05	4.75E-04	6.05E-04	2.87E-07	10	4.71E-02	1.35E-07	1,000,000	1.35E-01
42	9.04689	5.7347E-05	5.19E-04	6.05E-04	3.14E-07	10	4.71E-02	1.48E-07	1,000,000	1.48E-01
43	9.88746	5.7347E-05	5.67E-04	6.05E-04	3.43E-07	10	4.71E-02	1.62E-07	1,000,000	1.62E-01
44	10.79896	5.7347E-05	6.19E-04	6.05E-04	3.75E-07	10	4.71E-02	1.77E-07	1,000,000	1.77E-01
45	11.74973	5.7347E-05	6.74E-04	6.05E-04	4.08E-07	10	4.71E-02	1.92E-07	1,000,000	1.92E-01
46	12.67029	5.7347E-05	7.27E-04	6.05E-04	4.40E-07	10	4.71E-02	2.07E-07	1,000,000	2.07E-01
47	13.45962	5.7347E-05	7.72E-04	6.05E-04	4.67E-07	10	4.71E-02	2.20E-07	1,000,000	2.20E-01
48	6.3585	5.7347E-05	3.65E-04	6.05E-04	2.21E-07	10	4.71E-02	1.04E-07	1,000,000	1.04E-01
49	6.99609	5.7347E-05	4.01E-04	6.05E-04	2.43E-07	10	4.71E-02	1.14E-07	1,000,000	1.14E-01
50	7.70612	5.7347E-05	4.42E-04	6.05E-04	2.67E-07	10	4.71E-02	1.26E-07	1,000,000	1.26E-01
51	8.49211	5.7347E-05	4.87E-04	6.05E-04	2.95E-07	10	4.71E-02	1.39E-07	1,000,000	1.39E-01
52	9.35931	5.7347E-05	5.37E-04	6.05E-04	3.25E-07	10	4.71E-02	1.53E-07	1,000,000	1.53E-01
53	10.31677	5.7347E-05	5.92E-04	6.05E-04	3.58E-07	10	4.71E-02	1.69E-07	1,000,000	1.69E-01
54	11.37448	5.7347E-05	6.52E-04	6.05E-04	3.95E-07	10	4.71E-02	1.86E-07	1,000,000	1.86E-01
55	12.52999	5.7347E-05	7.19E-04	6.05E-04	4.35E-07	10	4.71E-02	2.05E-07	1,000,000	2.05E-01
56	13.74306	5.7347E-05	7.88E-04	6.05E-04	4.77E-07	10	4.71E-02	2.25E-07	1,000,000	2.25E-01
57	14.91571	5.7347E-05	8.55E-04	6.05E-04	5.18E-07	10	4.71E-02	2.44E-07	1,000,000	2.44E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	9.12E-04	6.05E-04	5.52E-07	10	4.71E-02	2.60E-07	1,000,000	2.60E-01
59	6.97343	5.7347E-05	4.00E-04	6.05E-04	2.42E-07	10	4.71E-02	1.14E-07	1,000,000	1.14E-01
60	7.73855	5.7347E-05	4.44E-04	6.05E-04	2.69E-07	10	4.71E-02	1.27E-07	1,000,000	1.27E-01
61	8.604	5.7347E-05	4.93E-04	6.05E-04	2.99E-07	10	4.71E-02	1.41E-07	1,000,000	1.41E-01
62	9.57728	5.7347E-05	5.49E-04	6.05E-04	3.32E-07	10	4.71E-02	1.57E-07	1,000,000	1.57E-01
63	10.66704	5.7347E-05	6.12E-04	6.05E-04	3.70E-07	10	4.71E-02	1.74E-07	1,000,000	1.74E-01
64	11.88547	5.7347E-05	6.82E-04	6.05E-04	4.12E-07	10	4.71E-02	1.94E-07	1,000,000	1.94E-01
65	13.24533	5.7347E-05	7.60E-04	6.05E-04	4.60E-07	10	4.71E-02	2.17E-07	1,000,000	2.17E-01
66	14.74449	5.7347E-05	8.46E-04	6.05E-04	5.12E-07	10	4.71E-02	2.41E-07	1,000,000	2.41E-01
67	16.33077	5.7347E-05	9.37E-04	6.05E-04	5.67E-07	10	4.71E-02	2.67E-07	1,000,000	2.67E-01
68	17.86179	5.7347E-05	1.02E-03	6.05E-04	6.20E-07	10	4.71E-02	2.92E-07	1,000,000	2.92E-01
69	19.10687	5.7347E-05	1.10E-03	6.05E-04	6.63E-07	10	4.71E-02	3.13E-07	1,000,000	3.13E-01
70	7.66748	5.7347E-05	4.40E-04	6.05E-04	2.66E-07	10	4.71E-02	1.25E-07	1,000,000	1.25E-01
71	8.59218	5.7347E-05	4.93E-04	6.05E-04	2.98E-07	10	4.71E-02	1.41E-07	1,000,000	1.41E-01
72	9.65697	5.7347E-05	5.54E-04	6.05E-04	3.35E-07	10	4.71E-02	1.58E-07	1,000,000	1.58E-01
73	10.87714	5.7347E-05	6.24E-04	6.05E-04	3.77E-07	10	4.71E-02	1.78E-07	1,000,000	1.78E-01
74	12.26904	5.7347E-05	7.04E-04	6.05E-04	4.26E-07	10	4.71E-02	2.01E-07	1,000,000	2.01E-01
75	13.85233	5.7347E-05	7.94E-04	6.05E-04	4.81E-07	10	4.71E-02	2.27E-07	1,000,000	2.27E-01
76	15.64539	5.7347E-05	8.97E-04	6.05E-04	5.43E-07	10	4.71E-02	2.56E-07	1,000,000	2.56E-01
77	17.64595	5.7347E-05	1.01E-03	6.05E-04	6.12E-07	10	4.71E-02	2.89E-07	1,000,000	2.89E-01
78	19.7839	5.7347E-05	1.13E-03	6.05E-04	6.86E-07	10	4.71E-02	3.24E-07	1,000,000	3.24E-01
79	21.84465	5.7347E-05	1.25E-03	6.05E-04	7.58E-07	10	4.71E-02	3.57E-07	1,000,000	3.57E-01
80	23.45211	5.7347E-05	1.34E-03	6.05E-04	8.14E-07	10	4.71E-02	3.84E-07	1,000,000	3.84E-01
81	8.44662	5.7347E-05	4.84E-04	6.05E-04	2.93E-07	10	4.71E-02	1.38E-07	1,000,000	1.38E-01
82	9.57185	5.7347E-05	5.49E-04	6.05E-04	3.32E-07	10	4.71E-02	1.57E-07	1,000,000	1.57E-01
83	10.89439	5.7347E-05	6.25E-04	6.05E-04	3.78E-07	10	4.71E-02	1.78E-07	1,000,000	1.78E-01
84	12.44401	5.7347E-05	7.14E-04	6.05E-04	4.32E-07	10	4.71E-02	2.04E-07	1,000,000	2.04E-01
85	14.25293	5.7347E-05	8.17E-04	6.05E-04	4.95E-07	10	4.71E-02	2.33E-07	1,000,000	2.33E-01
86	16.35845	5.7347E-05	9.38E-04	6.05E-04	5.68E-07	10	4.71E-02	2.68E-07	1,000,000	2.68E-01
87	18.79392	5.7347E-05	1.08E-03	6.05E-04	6.52E-07	10	4.71E-02	3.07E-07	1,000,000	3.07E-01
88	21.55807	5.7347E-05	1.24E-03	6.05E-04	7.48E-07	10	4.71E-02	3.53E-07	1,000,000	3.53E-01
89	24.55131	5.7347E-05	1.41E-03	6.05E-04	8.52E-07	10	4.71E-02	4.02E-07	1,000,000	4.02E-01
90	27.43498	5.7347E-05	1.57E-03	6.05E-04	9.52E-07	10	4.71E-02	4.49E-07	1,000,000	4.49E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 2 to 14 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	1.69E-03	6.05E-04	1.03E-06	10	4.71E-02	4.83E-07	1,000,000	4.83E-01
92	9.31214	5.7347E-05	5.34E-04	6.05E-04	3.23E-07	10	4.71E-02	1.52E-07	1,000,000	1.52E-01
93	10.68884	5.7347E-05	6.13E-04	6.05E-04	3.71E-07	10	4.71E-02	1.75E-07	1,000,000	1.75E-01
94	12.34607	5.7347E-05	7.08E-04	6.05E-04	4.28E-07	10	4.71E-02	2.02E-07	1,000,000	2.02E-01
95	14.34007	5.7347E-05	8.22E-04	6.05E-04	4.98E-07	10	4.71E-02	2.35E-07	1,000,000	2.35E-01
96	16.73471	5.7347E-05	9.60E-04	6.05E-04	5.81E-07	10	4.71E-02	2.74E-07	1,000,000	2.74E-01
97	19.60651	5.7347E-05	1.12E-03	6.05E-04	6.80E-07	10	4.71E-02	3.21E-07	1,000,000	3.21E-01
98	23.03041	5.7347E-05	1.32E-03	6.05E-04	7.99E-07	10	4.71E-02	3.77E-07	1,000,000	3.77E-01
99	27.01958	5.7347E-05	1.55E-03	6.05E-04	9.38E-07	10	4.71E-02	4.42E-07	1,000,000	4.42E-01
100	31.42314	5.7347E-05	1.80E-03	6.05E-04	1.09E-06	10	4.71E-02	5.14E-07	1,000,000	5.14E-01
101	35.67215	5.7347E-05	2.05E-03	6.05E-04	1.24E-06	10	4.71E-02	5.84E-07	1,000,000	5.84E-01
102	38.51512	5.7347E-05	2.21E-03	6.05E-04	1.34E-06	10	4.71E-02	6.30E-07	1,000,000	6.30E-01
103	16.09433	5.7347E-05	9.23E-04	6.05E-04	5.58E-07	10	4.71E-02	2.63E-07	1,000,000	2.63E-01
104	19.12371	5.7347E-05	1.10E-03	6.05E-04	6.64E-07	10	4.71E-02	3.13E-07	1,000,000	3.13E-01
105	23.46263	5.7347E-05	1.35E-03	6.05E-04	8.14E-07	10	4.71E-02	3.84E-07	1,000,000	3.84E-01
106	28.2745	5.7347E-05	1.62E-03	6.05E-04	9.81E-07	10	4.71E-02	4.63E-07	1,000,000	4.63E-01
107	34.97506	5.7347E-05	2.01E-03	6.05E-04	1.21E-06	10	4.71E-02	5.72E-07	1,000,000	5.72E-01
108	41.90362	5.7347E-05	2.40E-03	6.05E-04	1.45E-06	10	4.71E-02	6.85E-07	1,000,000	6.85E-01
109	48.63649	5.7347E-05	2.79E-03	6.05E-04	1.69E-06	10	4.71E-02	7.96E-07	1,000,000	7.96E-01
110	52.47842	5.7347E-05	3.01E-03	6.05E-04	1.82E-06	10	4.71E-02	8.58E-07	1,000,000	8.58E-01
111	13.69663	5.7347E-05	7.85E-04	6.05E-04	4.75E-07	10	4.71E-02	2.24E-07	1,000,000	2.24E-01
112	11.51625	5.7347E-05	6.60E-04	6.05E-04	4.00E-07	10	4.71E-02	1.88E-07	1,000,000	1.88E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					Residential Receptors					
1	0.46346	5.73E-05	2.66E-05	2.50E-04	6.65E-09	14	1.15E-02	1.07E-09	1000000.0	1.1E-03
2	0.49007	5.7347E-05	2.81E-05	2.50E-04	7.03E-09	14	1.15E-02	1.13E-09	1,000,000	1.13E-03
3	0.51995	5.7347E-05	2.98E-05	2.50E-04	7.46E-09	14	1.15E-02	1.20E-09	1,000,000	1.20E-03
4	0.55237	5.7347E-05	3.17E-05	2.50E-04	7.93E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
5	0.58882	5.7347E-05	3.38E-05	2.50E-04	8.45E-09	14	1.15E-02	1.36E-09	1,000,000	1.36E-03
6	0.4603	5.7347E-05	2.64E-05	2.50E-04	6.61E-09	14	1.15E-02	1.06E-09	1,000,000	1.06E-03
7	0.48669	5.7347E-05	2.79E-05	2.50E-04	6.99E-09	14	1.15E-02	1.12E-09	1,000,000	1.12E-03
8	0.51602	5.7347E-05	2.96E-05	2.50E-04	7.41E-09	14	1.15E-02	1.19E-09	1,000,000	1.19E-03
9	0.5493	5.7347E-05	3.15E-05	2.50E-04	7.88E-09	14	1.15E-02	1.27E-09	1,000,000	1.27E-03
10	0.58568	5.7347E-05	3.36E-05	2.50E-04	8.41E-09	14	1.15E-02	1.35E-09	1,000,000	1.35E-03
11	0.45692	5.7347E-05	2.62E-05	2.50E-04	6.56E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
12	0.48335	5.7347E-05	2.77E-05	2.50E-04	6.94E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
13	0.51286	5.7347E-05	2.94E-05	2.50E-04	7.36E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
14	0.54645	5.7347E-05	3.13E-05	2.50E-04	7.84E-09	14	1.15E-02	1.26E-09	1,000,000	1.26E-03
15	0.58308	5.7347E-05	3.34E-05	2.50E-04	8.37E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
16	0.45388	5.7347E-05	2.60E-05	2.50E-04	6.51E-09	14	1.15E-02	1.05E-09	1,000,000	1.05E-03
17	0.48061	5.7347E-05	2.76E-05	2.50E-04	6.90E-09	14	1.15E-02	1.11E-09	1,000,000	1.11E-03
18	0.51014	5.7347E-05	2.93E-05	2.50E-04	7.32E-09	14	1.15E-02	1.18E-09	1,000,000	1.18E-03
19	0.54274	5.7347E-05	3.11E-05	2.50E-04	7.79E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
20	0.57983	5.7347E-05	3.33E-05	2.50E-04	8.32E-09	14	1.15E-02	1.34E-09	1,000,000	1.34E-03
21	0.45139	5.7347E-05	2.59E-05	2.50E-04	6.48E-09	14	1.15E-02	1.04E-09	1,000,000	1.04E-03
22	0.47814	5.7347E-05	2.74E-05	2.50E-04	6.86E-09	14	1.15E-02	1.10E-09	1,000,000	1.10E-03
23	0.50791	5.7347E-05	2.91E-05	2.50E-04	7.29E-09	14	1.15E-02	1.17E-09	1,000,000	1.17E-03
24	0.54088	5.7347E-05	3.10E-05	2.50E-04	7.76E-09	14	1.15E-02	1.25E-09	1,000,000	1.25E-03
25	0.57729	5.7347E-05	3.31E-05	2.50E-04	8.29E-09	14	1.15E-02	1.33E-09	1,000,000	1.33E-03
113	2.95468	5.7347E-05	1.69E-04	2.50E-04	4.24E-08	14	1.15E-02	6.81E-09	1,000,000	6.81E-03
114	2.65926	5.7347E-05	1.52E-04	2.50E-04	3.82E-08	14	1.15E-02	6.13E-09	1,000,000	6.13E-03
115	2.40236	5.7347E-05	1.38E-04	2.50E-04	3.45E-08	14	1.15E-02	5.54E-09	1,000,000	5.54E-03
116	2.17918	5.7347E-05	1.25E-04	2.50E-04	3.13E-08	14	1.15E-02	5.02E-09	1,000,000	5.02E-03
117	3.05482	5.7347E-05	1.75E-04	2.50E-04	4.38E-08	14	1.15E-02	7.04E-09	1,000,000	7.04E-03
118	2.73368	5.7347E-05	1.57E-04	2.50E-04	3.92E-08	14	1.15E-02	6.30E-09	1,000,000	6.30E-03
119	2.45863	5.7347E-05	1.41E-04	2.50E-04	3.53E-08	14	1.15E-02	5.67E-09	1,000,000	5.67E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
120	2.22222	5.7347E-05	1.27E-04	2.50E-04	3.19E-08	14	1.15E-02	5.12E-09	1,000,000	5.12E-03
121	3.14401	5.7347E-05	1.80E-04	2.50E-04	4.51E-08	14	1.15E-02	7.25E-09	1,000,000	7.25E-03
122	2.79936	5.7347E-05	1.61E-04	2.50E-04	4.02E-08	14	1.15E-02	6.45E-09	1,000,000	6.45E-03
123	2.50772	5.7347E-05	1.44E-04	2.50E-04	3.60E-08	14	1.15E-02	5.78E-09	1,000,000	5.78E-03
124	2.2594	5.7347E-05	1.30E-04	2.50E-04	3.24E-08	14	1.15E-02	5.21E-09	1,000,000	5.21E-03
125	3.22113	5.7347E-05	1.85E-04	2.50E-04	4.62E-08	14	1.15E-02	7.42E-09	1,000,000	7.42E-03
126	2.85559	5.7347E-05	1.64E-04	2.50E-04	4.10E-08	14	1.15E-02	6.58E-09	1,000,000	6.58E-03
127	2.54947	5.7347E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.88E-09	1,000,000	5.88E-03
128	2.29099	5.7347E-05	1.31E-04	2.50E-04	3.29E-08	14	1.15E-02	5.28E-09	1,000,000	5.28E-03
129	3.28577	5.7347E-05	1.88E-04	2.50E-04	4.72E-08	14	1.15E-02	7.57E-09	1,000,000	7.57E-03
130	2.90257	5.7347E-05	1.66E-04	2.50E-04	4.17E-08	14	1.15E-02	6.69E-09	1,000,000	6.69E-03
131	2.58446	5.7347E-05	1.48E-04	2.50E-04	3.71E-08	14	1.15E-02	5.96E-09	1,000,000	5.96E-03
132	2.31768	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.34E-09	1,000,000	5.34E-03
133	3.33854	5.7347E-05	1.91E-04	2.50E-04	4.79E-08	14	1.15E-02	7.70E-09	1,000,000	7.70E-03
134	2.94105	5.7347E-05	1.69E-04	2.50E-04	4.22E-08	14	1.15E-02	6.78E-09	1,000,000	6.78E-03
135	2.61321	5.7347E-05	1.50E-04	2.50E-04	3.75E-08	14	1.15E-02	6.02E-09	1,000,000	6.02E-03
136	2.33957	5.7347E-05	1.34E-04	2.50E-04	3.36E-08	14	1.15E-02	5.39E-09	1,000,000	5.39E-03
137	3.37977	5.7347E-05	1.94E-04	2.50E-04	4.85E-08	14	1.15E-02	7.79E-09	1,000,000	7.79E-03
138	2.63505	5.7347E-05	1.51E-04	2.50E-04	3.78E-08	14	1.15E-02	6.07E-09	1,000,000	6.07E-03
139	2.35574	5.7347E-05	1.35E-04	2.50E-04	3.38E-08	14	1.15E-02	5.43E-09	1,000,000	5.43E-03
140	3.41683	5.7347E-05	1.96E-04	2.50E-04	4.90E-08	14	1.15E-02	7.88E-09	1,000,000	7.88E-03
141	2.99266	5.7347E-05	1.72E-04	2.50E-04	4.30E-08	14	1.15E-02	6.90E-09	1,000,000	6.90E-03
142	2.64698	5.7347E-05	1.52E-04	2.50E-04	3.80E-08	14	1.15E-02	6.10E-09	1,000,000	6.10E-03
143	2.36117	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
144	3.39313	5.7347E-05	1.95E-04	2.50E-04	4.87E-08	14	1.15E-02	7.82E-09	1,000,000	7.82E-03
145	2.97258	5.7347E-05	1.70E-04	2.50E-04	4.27E-08	14	1.15E-02	6.85E-09	1,000,000	6.85E-03
146	2.62985	5.7347E-05	1.51E-04	2.50E-04	3.77E-08	14	1.15E-02	6.06E-09	1,000,000	6.06E-03
147	2.34645	5.7347E-05	1.35E-04	2.50E-04	3.37E-08	14	1.15E-02	5.41E-09	1,000,000	5.41E-03
148	3.34522	5.7347E-05	1.92E-04	2.50E-04	4.80E-08	14	1.15E-02	7.71E-09	1,000,000	7.71E-03
149	2.93411	5.7347E-05	1.68E-04	2.50E-04	4.21E-08	14	1.15E-02	6.76E-09	1,000,000	6.76E-03
150	2.59842	5.7347E-05	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.99E-09	1,000,000	5.99E-03
151	2.3204	5.7347E-05	1.33E-04	2.50E-04	3.33E-08	14	1.15E-02	5.35E-09	1,000,000	5.35E-03
152	3.26853	5.7347E-05	1.87E-04	2.50E-04	4.69E-08	14	1.15E-02	7.53E-09	1,000,000	7.53E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
153	2.87412	5.7347E-05	1.65E-04	2.50E-04	4.13E-08	14	1.15E-02	6.62E-09	1,000,000	6.62E-03
154	2.55044	5.7347E-05	1.46E-04	2.50E-04	3.66E-08	14	1.15E-02	5.88E-09	1,000,000	5.88E-03
155	2.2813	5.7347E-05	1.31E-04	2.50E-04	3.27E-08	14	1.15E-02	5.26E-09	1,000,000	5.26E-03
156	3.15854	5.7347E-05	1.81E-04	2.50E-04	4.53E-08	14	1.15E-02	7.28E-09	1,000,000	7.28E-03
157	2.7901	5.7347E-05	1.60E-04	2.50E-04	4.00E-08	14	1.15E-02	6.43E-09	1,000,000	6.43E-03
158	2.48459	5.7347E-05	1.42E-04	2.50E-04	3.57E-08	14	1.15E-02	5.73E-09	1,000,000	5.73E-03
159	2.22854	5.7347E-05	1.28E-04	2.50E-04	3.20E-08	14	1.15E-02	5.14E-09	1,000,000	5.14E-03
160	3.00961	5.7347E-05	1.73E-04	2.50E-04	4.32E-08	14	1.15E-02	6.94E-09	1,000,000	6.94E-03
161	2.67826	5.7347E-05	1.54E-04	2.50E-04	3.84E-08	14	1.15E-02	6.17E-09	1,000,000	6.17E-03
162	2.39859	5.7347E-05	1.38E-04	2.50E-04	3.44E-08	14	1.15E-02	5.53E-09	1,000,000	5.53E-03
163	2.1605	5.7347E-05	1.24E-04	2.50E-04	3.10E-08	14	1.15E-02	4.98E-09	1,000,000	4.98E-03
164	2.8193	5.7347E-05	1.62E-04	2.50E-04	4.05E-08	14	1.15E-02	6.50E-09	1,000,000	6.50E-03
165	2.53484	5.7347E-05	1.45E-04	2.50E-04	3.64E-08	14	1.15E-02	5.84E-09	1,000,000	5.84E-03
166	2.28657	5.7347E-05	1.31E-04	2.50E-04	3.28E-08	14	1.15E-02	5.27E-09	1,000,000	5.27E-03
167	2.0733	5.7347E-05	1.19E-04	2.50E-04	2.98E-08	14	1.15E-02	4.78E-09	1,000,000	4.78E-03
168	2.59628	5.7347E-05	1.49E-04	2.50E-04	3.73E-08	14	1.15E-02	5.98E-09	1,000,000	5.98E-03
169	2.36192	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
170	2.15194	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
171	1.96845	5.7347E-05	1.13E-04	2.50E-04	2.83E-08	14	1.15E-02	4.54E-09	1,000,000	4.54E-03
172	2.36138	5.7347E-05	1.35E-04	2.50E-04	3.39E-08	14	1.15E-02	5.44E-09	1,000,000	5.44E-03
173	2.17117	5.7347E-05	1.25E-04	2.50E-04	3.12E-08	14	1.15E-02	5.00E-09	1,000,000	5.00E-03
174	1.9989	5.7347E-05	1.15E-04	2.50E-04	2.87E-08	14	1.15E-02	4.61E-09	1,000,000	4.61E-03
175	1.8455	5.7347E-05	1.06E-04	2.50E-04	2.65E-08	14	1.15E-02	4.25E-09	1,000,000	4.25E-03
176	2.13864	5.7347E-05	1.23E-04	2.50E-04	3.07E-08	14	1.15E-02	4.93E-09	1,000,000	4.93E-03
177	1.98045	5.7347E-05	1.14E-04	2.50E-04	2.84E-08	14	1.15E-02	4.56E-09	1,000,000	4.56E-03
178	1.83829	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
179	1.71159	5.7347E-05	9.82E-05	2.50E-04	2.46E-08	14	1.15E-02	3.95E-09	1,000,000	3.95E-03
180	1.94462	5.7347E-05	1.12E-04	2.50E-04	2.79E-08	14	1.15E-02	4.48E-09	1,000,000	4.48E-03
181	1.80541	5.7347E-05	1.04E-04	2.50E-04	2.59E-08	14	1.15E-02	4.16E-09	1,000,000	4.16E-03
182	1.68396	5.7347E-05	9.66E-05	2.50E-04	2.42E-08	14	1.15E-02	3.88E-09	1,000,000	3.88E-03
183	1.57725	5.7347E-05	9.04E-05	2.50E-04	2.26E-08	14	1.15E-02	3.64E-09	1,000,000	3.64E-03
184	2.83203	5.7347E-05	1.62E-04	2.50E-04	4.06E-08	14	1.15E-02	6.53E-09	1,000,000	6.53E-03
185	2.22573	5.7347E-05	1.28E-04	2.50E-04	3.19E-08	14	1.15E-02	5.13E-09	1,000,000	5.13E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
186	2.03462	5.7347E-05	1.17E-04	2.50E-04	2.92E-08	14	1.15E-02	4.69E-09	1,000,000	4.69E-03
187	1.87528	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03
188	1.73998	5.7347E-05	9.98E-05	2.50E-04	2.50E-08	14	1.15E-02	4.01E-09	1,000,000	4.01E-03
189	2.25756	5.7347E-05	1.29E-04	2.50E-04	3.24E-08	14	1.15E-02	5.20E-09	1,000,000	5.20E-03
190	2.05212	5.7347E-05	1.18E-04	2.50E-04	2.95E-08	14	1.15E-02	4.73E-09	1,000,000	4.73E-03
191	1.87721	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.33E-09	1,000,000	4.33E-03
192	1.72915	5.7347E-05	9.92E-05	2.50E-04	2.48E-08	14	1.15E-02	3.99E-09	1,000,000	3.99E-03
193	1.60238	5.7347E-05	9.19E-05	2.50E-04	2.30E-08	14	1.15E-02	3.69E-09	1,000,000	3.69E-03
194	2.08374	5.7347E-05	1.19E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
195	1.90338	5.7347E-05	1.09E-04	2.50E-04	2.73E-08	14	1.15E-02	4.39E-09	1,000,000	4.39E-03
196	1.74531	5.7347E-05	1.00E-04	2.50E-04	2.50E-08	14	1.15E-02	4.02E-09	1,000,000	4.02E-03
197	1.60728	5.7347E-05	9.22E-05	2.50E-04	2.31E-08	14	1.15E-02	3.70E-09	1,000,000	3.70E-03
198	1.48994	5.7347E-05	8.54E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
199	1.92817	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
200	1.7712	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.08E-09	1,000,000	4.08E-03
201	1.63011	5.7347E-05	9.35E-05	2.50E-04	2.34E-08	14	1.15E-02	3.76E-09	1,000,000	3.76E-03
202	1.505	5.7347E-05	8.63E-05	2.50E-04	2.16E-08	14	1.15E-02	3.47E-09	1,000,000	3.47E-03
203	1.3958	5.7347E-05	8.00E-05	2.50E-04	2.00E-08	14	1.15E-02	3.22E-09	1,000,000	3.22E-03
204	2.48112	5.7347E-05	1.42E-04	2.50E-04	3.56E-08	14	1.15E-02	5.72E-09	1,000,000	5.72E-03
205	1.78731	5.7347E-05	1.02E-04	2.50E-04	2.57E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
206	1.65123	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
207	1.52612	5.7347E-05	8.75E-05	2.50E-04	2.19E-08	14	1.15E-02	3.52E-09	1,000,000	3.52E-03
208	1.41469	5.7347E-05	8.11E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
209	2.25009	5.7347E-05	1.29E-04	2.50E-04	3.23E-08	14	1.15E-02	5.19E-09	1,000,000	5.19E-03
210	2.08156	5.7347E-05	1.19E-04	2.50E-04	2.99E-08	14	1.15E-02	4.80E-09	1,000,000	4.80E-03
211	1.92783	5.7347E-05	1.11E-04	2.50E-04	2.77E-08	14	1.15E-02	4.44E-09	1,000,000	4.44E-03
212	1.78794	5.7347E-05	1.03E-04	2.50E-04	2.57E-08	14	1.15E-02	4.12E-09	1,000,000	4.12E-03
213	1.6595	5.7347E-05	9.52E-05	2.50E-04	2.38E-08	14	1.15E-02	3.83E-09	1,000,000	3.83E-03
214	1.54065	5.7347E-05	8.84E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
215	1.43167	5.7347E-05	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
216	2.15113	5.7347E-05	1.23E-04	2.50E-04	3.09E-08	14	1.15E-02	4.96E-09	1,000,000	4.96E-03
217	2.00935	5.7347E-05	1.15E-04	2.50E-04	2.88E-08	14	1.15E-02	4.63E-09	1,000,000	4.63E-03
218	1.87523	5.7347E-05	1.08E-04	2.50E-04	2.69E-08	14	1.15E-02	4.32E-09	1,000,000	4.32E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
219	1.75298	5.7347E-05	1.01E-04	2.50E-04	2.52E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
220	1.63911	5.7347E-05	9.40E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
221	1.53397	5.7347E-05	8.80E-05	2.50E-04	2.20E-08	14	1.15E-02	3.54E-09	1,000,000	3.54E-03
222	1.96086	5.7347E-05	1.12E-04	2.50E-04	2.81E-08	14	1.15E-02	4.52E-09	1,000,000	4.52E-03
223	1.83851	5.7347E-05	1.05E-04	2.50E-04	2.64E-08	14	1.15E-02	4.24E-09	1,000,000	4.24E-03
224	1.72393	5.7347E-05	9.89E-05	2.50E-04	2.47E-08	14	1.15E-02	3.97E-09	1,000,000	3.97E-03
225	1.61804	5.7347E-05	9.28E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03
226	1.51847	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
227	1.79558	5.7347E-05	1.03E-04	2.50E-04	2.58E-08	14	1.15E-02	4.14E-09	1,000,000	4.14E-03
228	1.68964	5.7347E-05	9.69E-05	2.50E-04	2.43E-08	14	1.15E-02	3.89E-09	1,000,000	3.89E-03
229	1.59084	5.7347E-05	9.12E-05	2.50E-04	2.28E-08	14	1.15E-02	3.67E-09	1,000,000	3.67E-03
230	1.49727	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
231	1.65096	5.7347E-05	9.47E-05	2.50E-04	2.37E-08	14	1.15E-02	3.81E-09	1,000,000	3.81E-03
232	1.55968	5.7347E-05	8.94E-05	2.50E-04	2.24E-08	14	1.15E-02	3.60E-09	1,000,000	3.60E-03
233	1.47316	5.7347E-05	8.45E-05	2.50E-04	2.11E-08	14	1.15E-02	3.40E-09	1,000,000	3.40E-03
234	1.39109	5.7347E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
235	1.52468	5.7347E-05	8.74E-05	2.50E-04	2.19E-08	14	1.15E-02	3.51E-09	1,000,000	3.51E-03
236	1.44492	5.7347E-05	8.29E-05	2.50E-04	2.07E-08	14	1.15E-02	3.33E-09	1,000,000	3.33E-03
237	1.36822	5.7347E-05	7.85E-05	2.50E-04	1.96E-08	14	1.15E-02	3.15E-09	1,000,000	3.15E-03
238	1.2964	5.7347E-05	7.43E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
239	1.41333	5.7347E-05	8.10E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
240	1.34288	5.7347E-05	7.70E-05	2.50E-04	1.93E-08	14	1.15E-02	3.10E-09	1,000,000	3.10E-03
241	1.27494	5.7347E-05	7.31E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
242	1.21151	5.7347E-05	6.95E-05	2.50E-04	1.74E-08	14	1.15E-02	2.79E-09	1,000,000	2.79E-03
243	1.77268	5.7347E-05	1.02E-04	2.50E-04	2.54E-08	14	1.15E-02	4.09E-09	1,000,000	4.09E-03
244	1.75068	5.7347E-05	1.00E-04	2.50E-04	2.51E-08	14	1.15E-02	4.04E-09	1,000,000	4.04E-03
245	1.71493	5.7347E-05	9.83E-05	2.50E-04	2.46E-08	14	1.15E-02	3.95E-09	1,000,000	3.95E-03
246	1.66723	5.7347E-05	9.56E-05	2.50E-04	2.39E-08	14	1.15E-02	3.84E-09	1,000,000	3.84E-03
247	1.60937	5.7347E-05	9.23E-05	2.50E-04	2.31E-08	14	1.15E-02	3.71E-09	1,000,000	3.71E-03
248	1.54554	5.7347E-05	8.86E-05	2.50E-04	2.22E-08	14	1.15E-02	3.56E-09	1,000,000	3.56E-03
249	1.47778	5.7347E-05	8.47E-05	2.50E-04	2.12E-08	14	1.15E-02	3.41E-09	1,000,000	3.41E-03
250	1.63823	5.7347E-05	9.39E-05	2.50E-04	2.35E-08	14	1.15E-02	3.78E-09	1,000,000	3.78E-03
251	1.61615	5.7347E-05	9.27E-05	2.50E-04	2.32E-08	14	1.15E-02	3.73E-09	1,000,000	3.73E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
252	1.58272	5.7347E-05	9.08E-05	2.50E-04	2.27E-08	14	1.15E-02	3.65E-09	1,000,000	3.65E-03
253	1.53943	5.7347E-05	8.83E-05	2.50E-04	2.21E-08	14	1.15E-02	3.55E-09	1,000,000	3.55E-03
254	1.48774	5.7347E-05	8.53E-05	2.50E-04	2.14E-08	14	1.15E-02	3.43E-09	1,000,000	3.43E-03
255	1.43114	5.7347E-05	8.21E-05	2.50E-04	2.05E-08	14	1.15E-02	3.30E-09	1,000,000	3.30E-03
256	1.3706	5.7347E-05	7.86E-05	2.50E-04	1.97E-08	14	1.15E-02	3.16E-09	1,000,000	3.16E-03
257	1.51893	5.7347E-05	8.71E-05	2.50E-04	2.18E-08	14	1.15E-02	3.50E-09	1,000,000	3.50E-03
258	1.49719	5.7347E-05	8.59E-05	2.50E-04	2.15E-08	14	1.15E-02	3.45E-09	1,000,000	3.45E-03
259	1.46601	5.7347E-05	8.41E-05	2.50E-04	2.10E-08	14	1.15E-02	3.38E-09	1,000,000	3.38E-03
260	1.42668	5.7347E-05	8.18E-05	2.50E-04	2.05E-08	14	1.15E-02	3.29E-09	1,000,000	3.29E-03
261	1.38034	5.7347E-05	7.92E-05	2.50E-04	1.98E-08	14	1.15E-02	3.18E-09	1,000,000	3.18E-03
262	1.32982	5.7347E-05	7.63E-05	2.50E-04	1.91E-08	14	1.15E-02	3.07E-09	1,000,000	3.07E-03
263	1.27617	5.7347E-05	7.32E-05	2.50E-04	1.83E-08	14	1.15E-02	2.94E-09	1,000,000	2.94E-03
264	1.41285	5.7347E-05	8.10E-05	2.50E-04	2.03E-08	14	1.15E-02	3.26E-09	1,000,000	3.26E-03
265	1.39159	5.7347E-05	7.98E-05	2.50E-04	2.00E-08	14	1.15E-02	3.21E-09	1,000,000	3.21E-03
266	1.36246	5.7347E-05	7.81E-05	2.50E-04	1.96E-08	14	1.15E-02	3.14E-09	1,000,000	3.14E-03
267	1.32664	5.7347E-05	7.61E-05	2.50E-04	1.90E-08	14	1.15E-02	3.06E-09	1,000,000	3.06E-03
268	1.28539	5.7347E-05	7.37E-05	2.50E-04	1.84E-08	14	1.15E-02	2.96E-09	1,000,000	2.96E-03
269	1.23999	5.7347E-05	7.11E-05	2.50E-04	1.78E-08	14	1.15E-02	2.86E-09	1,000,000	2.86E-03
270	1.19202	5.7347E-05	6.84E-05	2.50E-04	1.71E-08	14	1.15E-02	2.75E-09	1,000,000	2.75E-03
271	1.31768	5.7347E-05	7.56E-05	2.50E-04	1.89E-08	14	1.15E-02	3.04E-09	1,000,000	3.04E-03
272	1.29722	5.7347E-05	7.44E-05	2.50E-04	1.86E-08	14	1.15E-02	2.99E-09	1,000,000	2.99E-03
273	1.27012	5.7347E-05	7.28E-05	2.50E-04	1.82E-08	14	1.15E-02	2.93E-09	1,000,000	2.93E-03
274	1.23741	5.7347E-05	7.10E-05	2.50E-04	1.78E-08	14	1.15E-02	2.85E-09	1,000,000	2.85E-03
275	1.2001	5.7347E-05	6.88E-05	2.50E-04	1.72E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
276	1.15947	5.7347E-05	6.65E-05	2.50E-04	1.66E-08	14	1.15E-02	2.67E-09	1,000,000	2.67E-03
277	1.11625	5.7347E-05	6.40E-05	2.50E-04	1.60E-08	14	1.15E-02	2.57E-09	1,000,000	2.57E-03
278	1.06273	5.7347E-05	6.09E-05	2.50E-04	1.53E-08	14	1.15E-02	2.45E-09	1,000,000	2.45E-03
279	1.10467	5.7347E-05	6.33E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03
280	1.21475	5.7347E-05	6.97E-05	2.50E-04	1.74E-08	14	1.15E-02	2.80E-09	1,000,000	2.80E-03
281	1.20219	5.7347E-05	6.89E-05	2.50E-04	1.73E-08	14	1.15E-02	2.77E-09	1,000,000	2.77E-03
282	1.30831	5.7347E-05	7.50E-05	2.50E-04	1.88E-08	14	1.15E-02	3.02E-09	1,000,000	3.02E-03
283	1.10834	5.7347E-05	6.36E-05	2.50E-04	1.59E-08	14	1.15E-02	2.55E-09	1,000,000	2.55E-03

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

					Cancer Risk From Idle 5 - 17 to 30 years					
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
					School Recepors					
26	5.33341	5.7347E-05	3.06E-04	2.50E-04	7.65E-08	30	1.15E-02	2.63E-08	1,000,000	2.63E-02
27	5.78544	5.7347E-05	3.32E-04	2.50E-04	8.30E-08	30	1.15E-02	2.86E-08	1,000,000	2.86E-02
28	6.27627	5.7347E-05	3.60E-04	2.50E-04	9.01E-08	30	1.15E-02	3.10E-08	1,000,000	3.10E-02
29	6.80695	5.7347E-05	3.90E-04	2.50E-04	9.77E-08	30	1.15E-02	3.36E-08	1,000,000	3.36E-02
30	7.38095	5.7347E-05	4.23E-04	2.50E-04	1.06E-07	30	1.15E-02	3.65E-08	1,000,000	3.65E-02
31	8.00492	5.7347E-05	4.59E-04	2.50E-04	1.15E-07	30	1.15E-02	3.95E-08	1,000,000	3.95E-02
32	8.68523	5.7347E-05	4.98E-04	2.50E-04	1.25E-07	30	1.15E-02	4.29E-08	1,000,000	4.29E-02
33	9.41831	5.7347E-05	5.40E-04	2.50E-04	1.35E-07	30	1.15E-02	4.65E-08	1,000,000	4.65E-02
34	10.17889	5.7347E-05	5.84E-04	2.50E-04	1.46E-07	30	1.15E-02	5.03E-08	1,000,000	5.03E-02
35	10.91643	5.7347E-05	6.26E-04	2.50E-04	1.57E-07	30	1.15E-02	5.39E-08	1,000,000	5.39E-02
36	11.56005	5.7347E-05	6.63E-04	2.50E-04	1.66E-07	30	1.15E-02	5.71E-08	1,000,000	5.71E-02
37	5.81465	5.7347E-05	3.33E-04	2.50E-04	8.35E-08	30	1.15E-02	2.87E-08	1,000,000	2.87E-02
38	6.34968	5.7347E-05	3.64E-04	2.50E-04	9.11E-08	30	1.15E-02	3.14E-08	1,000,000	3.14E-02
39	6.93747	5.7347E-05	3.98E-04	2.50E-04	9.96E-08	30	1.15E-02	3.43E-08	1,000,000	3.43E-02
40	7.57971	5.7347E-05	4.35E-04	2.50E-04	1.09E-07	30	1.15E-02	3.74E-08	1,000,000	3.74E-02
41	8.28033	5.7347E-05	4.75E-04	2.50E-04	1.19E-07	30	1.15E-02	4.09E-08	1,000,000	4.09E-02
42	9.04689	5.7347E-05	5.19E-04	2.50E-04	1.30E-07	30	1.15E-02	4.47E-08	1,000,000	4.47E-02
43	9.88746	5.7347E-05	5.67E-04	2.50E-04	1.42E-07	30	1.15E-02	4.88E-08	1,000,000	4.88E-02
44	10.79896	5.7347E-05	6.19E-04	2.50E-04	1.55E-07	30	1.15E-02	5.33E-08	1,000,000	5.33E-02
45	11.74973	5.7347E-05	6.74E-04	2.50E-04	1.69E-07	30	1.15E-02	5.80E-08	1,000,000	5.80E-02
46	12.67029	5.7347E-05	7.27E-04	2.50E-04	1.82E-07	30	1.15E-02	6.26E-08	1,000,000	6.26E-02
47	13.45962	5.7347E-05	7.72E-04	2.50E-04	1.93E-07	30	1.15E-02	6.65E-08	1,000,000	6.65E-02
48	6.3585	5.7347E-05	3.65E-04	2.50E-04	9.13E-08	30	1.15E-02	3.14E-08	1,000,000	3.14E-02
49	6.99609	5.7347E-05	4.01E-04	2.50E-04	1.00E-07	30	1.15E-02	3.46E-08	1,000,000	3.46E-02
50	7.70612	5.7347E-05	4.42E-04	2.50E-04	1.11E-07	30	1.15E-02	3.81E-08	1,000,000	3.81E-02
51	8.49211	5.7347E-05	4.87E-04	2.50E-04	1.22E-07	30	1.15E-02	4.19E-08	1,000,000	4.19E-02
52	9.35931	5.7347E-05	5.37E-04	2.50E-04	1.34E-07	30	1.15E-02	4.62E-08	1,000,000	4.62E-02
53	10.31677	5.7347E-05	5.92E-04	2.50E-04	1.48E-07	30	1.15E-02	5.10E-08	1,000,000	5.10E-02
54	11.37448	5.7347E-05	6.52E-04	2.50E-04	1.63E-07	30	1.15E-02	5.62E-08	1,000,000	5.62E-02
55	12.52999	5.7347E-05	7.19E-04	2.50E-04	1.80E-07	30	1.15E-02	6.19E-08	1,000,000	6.19E-02
56	13.74306	5.7347E-05	7.88E-04	2.50E-04	1.97E-07	30	1.15E-02	6.79E-08	1,000,000	6.79E-02
57	14.91571	5.7347E-05	8.55E-04	2.50E-04	2.14E-07	30	1.15E-02	7.37E-08	1,000,000	7.37E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
58	15.89861	5.7347E-05	9.12E-04	2.50E-04	2.28E-07	30	1.15E-02	7.85E-08	1,000,000	7.85E-02
59	6.97343	5.7347E-05	4.00E-04	2.50E-04	1.00E-07	30	1.15E-02	3.44E-08	1,000,000	3.44E-02
60	7.73855	5.7347E-05	4.44E-04	2.50E-04	1.11E-07	30	1.15E-02	3.82E-08	1,000,000	3.82E-02
61	8.604	5.7347E-05	4.93E-04	2.50E-04	1.23E-07	30	1.15E-02	4.25E-08	1,000,000	4.25E-02
62	9.57728	5.7347E-05	5.49E-04	2.50E-04	1.37E-07	30	1.15E-02	4.73E-08	1,000,000	4.73E-02
63	10.66704	5.7347E-05	6.12E-04	2.50E-04	1.53E-07	30	1.15E-02	5.27E-08	1,000,000	5.27E-02
64	11.88547	5.7347E-05	6.82E-04	2.50E-04	1.71E-07	30	1.15E-02	5.87E-08	1,000,000	5.87E-02
65	13.24533	5.7347E-05	7.60E-04	2.50E-04	1.90E-07	30	1.15E-02	6.54E-08	1,000,000	6.54E-02
66	14.74449	5.7347E-05	8.46E-04	2.50E-04	2.12E-07	30	1.15E-02	7.28E-08	1,000,000	7.28E-02
67	16.33077	5.7347E-05	9.37E-04	2.50E-04	2.34E-07	30	1.15E-02	8.07E-08	1,000,000	8.07E-02
68	17.86179	5.7347E-05	1.02E-03	2.50E-04	2.56E-07	30	1.15E-02	8.82E-08	1,000,000	8.82E-02
69	19.10687	5.7347E-05	1.10E-03	2.50E-04	2.74E-07	30	1.15E-02	9.44E-08	1,000,000	9.44E-02
70	7.66748	5.7347E-05	4.40E-04	2.50E-04	1.10E-07	30	1.15E-02	3.79E-08	1,000,000	3.79E-02
71	8.59218	5.7347E-05	4.93E-04	2.50E-04	1.23E-07	30	1.15E-02	4.24E-08	1,000,000	4.24E-02
72	9.65697	5.7347E-05	5.54E-04	2.50E-04	1.39E-07	30	1.15E-02	4.77E-08	1,000,000	4.77E-02
73	10.87714	5.7347E-05	6.24E-04	2.50E-04	1.56E-07	30	1.15E-02	5.37E-08	1,000,000	5.37E-02
74	12.26904	5.7347E-05	7.04E-04	2.50E-04	1.76E-07	30	1.15E-02	6.06E-08	1,000,000	6.06E-02
75	13.85233	5.7347E-05	7.94E-04	2.50E-04	1.99E-07	30	1.15E-02	6.84E-08	1,000,000	6.84E-02
76	15.64539	5.7347E-05	8.97E-04	2.50E-04	2.25E-07	30	1.15E-02	7.73E-08	1,000,000	7.73E-02
77	17.64595	5.7347E-05	1.01E-03	2.50E-04	2.53E-07	30	1.15E-02	8.72E-08	1,000,000	8.72E-02
78	19.7839	5.7347E-05	1.13E-03	2.50E-04	2.84E-07	30	1.15E-02	9.77E-08	1,000,000	9.77E-02
79	21.84465	5.7347E-05	1.25E-03	2.50E-04	3.14E-07	30	1.15E-02	1.08E-07	1,000,000	1.08E-01
80	23.45211	5.7347E-05	1.34E-03	2.50E-04	3.37E-07	30	1.15E-02	1.16E-07	1,000,000	1.16E-01
81	8.44662	5.7347E-05	4.84E-04	2.50E-04	1.21E-07	30	1.15E-02	4.17E-08	1,000,000	4.17E-02
82	9.57185	5.7347E-05	5.49E-04	2.50E-04	1.37E-07	30	1.15E-02	4.73E-08	1,000,000	4.73E-02
83	10.89439	5.7347E-05	6.25E-04	2.50E-04	1.56E-07	30	1.15E-02	5.38E-08	1,000,000	5.38E-02
84	12.44401	5.7347E-05	7.14E-04	2.50E-04	1.79E-07	30	1.15E-02	6.15E-08	1,000,000	6.15E-02
85	14.25293	5.7347E-05	8.17E-04	2.50E-04	2.05E-07	30	1.15E-02	7.04E-08	1,000,000	7.04E-02
86	16.35845	5.7347E-05	9.38E-04	2.50E-04	2.35E-07	30	1.15E-02	8.08E-08	1,000,000	8.08E-02
87	18.79392	5.7347E-05	1.08E-03	2.50E-04	2.70E-07	30	1.15E-02	9.28E-08	1,000,000	9.28E-02
88	21.55807	5.7347E-05	1.24E-03	2.50E-04	3.09E-07	30	1.15E-02	1.06E-07	1,000,000	1.06E-01
89	24.55131	5.7347E-05	1.41E-03	2.50E-04	3.52E-07	30	1.15E-02	1.21E-07	1,000,000	1.21E-01
90	27.43498	5.7347E-05	1.57E-03	2.50E-04	3.94E-07	30	1.15E-02	1.36E-07	1,000,000	1.36E-01

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Cancer Risk From Idle 5 - 17 to 30 years									
Receptor #	Conc	g/sec	Cair	Dose Constant	Dose	ED	Risk Constant	Risk	Constant 2	Risk/ Million
91	29.55274	5.7347E-05	1.69E-03	2.50E-04	4.24E-07	30	1.15E-02	1.46E-07	1,000,000	1.46E-01
92	9.31214	5.7347E-05	5.34E-04	2.50E-04	1.34E-07	30	1.15E-02	4.60E-08	1,000,000	4.60E-02
93	10.68884	5.7347E-05	6.13E-04	2.50E-04	1.53E-07	30	1.15E-02	5.28E-08	1,000,000	5.28E-02
94	12.34607	5.7347E-05	7.08E-04	2.50E-04	1.77E-07	30	1.15E-02	6.10E-08	1,000,000	6.10E-02
95	14.34007	5.7347E-05	8.22E-04	2.50E-04	2.06E-07	30	1.15E-02	7.08E-08	1,000,000	7.08E-02
96	16.73471	5.7347E-05	9.60E-04	2.50E-04	2.40E-07	30	1.15E-02	8.27E-08	1,000,000	8.27E-02
97	19.60651	5.7347E-05	1.12E-03	2.50E-04	2.81E-07	30	1.15E-02	9.68E-08	1,000,000	9.68E-02
98	23.03041	5.7347E-05	1.32E-03	2.50E-04	3.31E-07	30	1.15E-02	1.14E-07	1,000,000	1.14E-01
99	27.01958	5.7347E-05	1.55E-03	2.50E-04	3.88E-07	30	1.15E-02	1.33E-07	1,000,000	1.33E-01
100	31.42314	5.7347E-05	1.80E-03	2.50E-04	4.51E-07	30	1.15E-02	1.55E-07	1,000,000	1.55E-01
101	35.67215	5.7347E-05	2.05E-03	2.50E-04	5.12E-07	30	1.15E-02	1.76E-07	1,000,000	1.76E-01
102	38.51512	5.7347E-05	2.21E-03	2.50E-04	5.53E-07	30	1.15E-02	1.90E-07	1,000,000	1.90E-01
103	16.09433	5.7347E-05	9.23E-04	2.50E-04	2.31E-07	30	1.15E-02	7.95E-08	1,000,000	7.95E-02
104	19.12371	5.7347E-05	1.10E-03	2.50E-04	2.74E-07	30	1.15E-02	9.45E-08	1,000,000	9.45E-02
105	23.46263	5.7347E-05	1.35E-03	2.50E-04	3.37E-07	30	1.15E-02	1.16E-07	1,000,000	1.16E-01
106	28.2745	5.7347E-05	1.62E-03	2.50E-04	4.06E-07	30	1.15E-02	1.40E-07	1,000,000	1.40E-01
107	34.97506	5.7347E-05	2.01E-03	2.50E-04	5.02E-07	30	1.15E-02	1.73E-07	1,000,000	1.73E-01
108	41.90362	5.7347E-05	2.40E-03	2.50E-04	6.01E-07	30	1.15E-02	2.07E-07	1,000,000	2.07E-01
109	48.63649	5.7347E-05	2.79E-03	2.50E-04	6.98E-07	30	1.15E-02	2.40E-07	1,000,000	2.40E-01
110	52.47842	5.7347E-05	3.01E-03	2.50E-04	7.53E-07	30	1.15E-02	2.59E-07	1,000,000	2.59E-01
111	13.69663	5.7347E-05	7.85E-04	2.50E-04	1.97E-07	30	1.15E-02	6.77E-08	1,000,000	6.77E-02
112	11.51625	5.7347E-05	6.60E-04	2.50E-04	1.65E-07	30	1.15E-02	5.69E-08	1,000,000	5.69E-02

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*				
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #	
					Residential Receptors				
1	1.8E-02	School	0.8584	110	5	1.59E-05	0.00181	110	School
2	1.9E-02	Res	0.1328	140	5	1.69E-05	0.0001	140	Res
3	2.0E-02	Teachers	0.259	110	5	1.79E-05	0.00181	110	Teachers
4	2.1E-02				5	1.90E-05			
5	2.3E-02				5	2.03E-05			
6	1.8E-02				5	1.58E-05			
7	1.9E-02				5	1.67E-05			
8	2.0E-02				5	1.78E-05			
9	2.1E-02				5	1.89E-05			
10	2.3E-02				5	2.02E-05			
11	1.8E-02				5	1.57E-05			
12	1.9E-02				5	1.66E-05			
13	2.0E-02				5	1.76E-05			
14	2.1E-02				5	1.88E-05			
15	2.3E-02				5	2.01E-05			
16	1.8E-02				5	1.56E-05			
17	1.9E-02				5	1.65E-05			
18	2.0E-02				5	1.76E-05			
19	2.1E-02				5	1.87E-05			
20	2.3E-02				5	2.00E-05			
21	1.8E-02				5	1.55E-05			
22	1.9E-02				5	1.65E-05			
23	2.0E-02				5	1.75E-05			
24	2.1E-02				5	1.86E-05			
25	2.2E-02				5	1.99E-05			
113	1.1E-01				5	1.02E-04			
114	1.0E-01				5	9.15E-05			
115	9.3E-02				5	8.27E-05			
116	8.5E-02				5	7.50E-05			
117	1.2E-01				5	1.05E-04			
118	1.1E-01				5	9.41E-05			
119	9.6E-02				5	8.46E-05			

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
120	8.6E-02				5	7.65E-05		
121	1.2E-01				5	1.08E-04		
122	1.1E-01				5	9.63E-05		
123	9.7E-02				5	8.63E-05		
124	8.8E-02				5	7.77E-05		
125	1.3E-01				5	1.11E-04		
126	1.1E-01				5	9.83E-05		
127	9.9E-02				5	8.77E-05		
128	8.9E-02				5	7.88E-05		
129	1.3E-01				5	1.13E-04		
130	1.1E-01				5	9.99E-05		
131	1.0E-01				5	8.89E-05		
132	9.0E-02				5	7.97E-05		
133	1.3E-01				5	1.15E-04		
134	1.1E-01				5	1.01E-04		
135	1.0E-01				5	8.99E-05		
136	9.1E-02				5	8.05E-05		
137	1.3E-01				5	1.16E-04		
138	1.0E-01				5	9.07E-05		
139	9.2E-02				5	8.11E-05		
140	1.3E-01				5	1.18E-04		
141	1.2E-01				5	1.03E-04		
142	1.0E-01				5	9.11E-05		
143	9.2E-02				5	8.12E-05		
144	1.3E-01				5	1.17E-04		
145	1.2E-01				5	1.02E-04		
146	1.0E-01				5	9.05E-05		
147	9.1E-02				5	8.07E-05		
148	1.3E-01				5	1.15E-04		
149	1.1E-01				5	1.01E-04		
150	1.0E-01				5	8.94E-05		
151	9.0E-02				5	7.98E-05		
152	1.3E-01				5	1.12E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
153	1.1E-01				5	9.89E-05		
154	9.9E-02				5	8.78E-05		
155	8.9E-02				5	7.85E-05		
156	1.2E-01				5	1.09E-04		
157	1.1E-01				5	9.60E-05		
158	9.7E-02				5	8.55E-05		
159	8.7E-02				5	7.67E-05		
160	1.2E-01				5	1.04E-04		
161	1.0E-01				5	9.22E-05		
162	9.3E-02				5	8.25E-05		
163	8.4E-02				5	7.43E-05		
164	1.1E-01				5	9.70E-05		
165	9.9E-02				5	8.72E-05		
166	8.9E-02				5	7.87E-05		
167	8.1E-02				5	7.13E-05		
168	1.0E-01				5	8.93E-05		
169	9.2E-02				5	8.13E-05		
170	8.4E-02				5	7.40E-05		
171	7.7E-02				5	6.77E-05		
172	9.2E-02				5	8.13E-05		
173	8.4E-02				5	7.47E-05		
174	7.8E-02				5	6.88E-05		
175	7.2E-02				5	6.35E-05		
176	8.3E-02				5	7.36E-05		
177	7.7E-02				5	6.81E-05		
178	7.1E-02				5	6.33E-05		
179	6.7E-02				5	5.89E-05		
180	7.6E-02				5	6.69E-05		
181	7.0E-02				5	6.21E-05		
182	6.5E-02				5	5.79E-05		
183	6.1E-02				5	5.43E-05		
184	1.1E-01				5	9.74E-05		
185	8.6E-02				5	7.66E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
186	7.9E-02				5	7.00E-05		
187	7.3E-02				5	6.45E-05		
188	6.8E-02				5	5.99E-05		
189	8.8E-02				5	7.77E-05		
190	8.0E-02				5	7.06E-05		
191	7.3E-02				5	6.46E-05		
192	6.7E-02				5	5.95E-05		
193	6.2E-02				5	5.51E-05		
194	8.1E-02				5	7.17E-05		
195	7.4E-02				5	6.55E-05		
196	6.8E-02				5	6.01E-05		
197	6.2E-02				5	5.53E-05		
198	5.8E-02				5	5.13E-05		
199	7.5E-02				5	6.63E-05		
200	6.9E-02				5	6.09E-05		
201	6.3E-02				5	5.61E-05		
202	5.8E-02				5	5.18E-05		
203	5.4E-02				5	4.80E-05		
204	9.6E-02				5	8.54E-05		
205	6.9E-02				5	6.15E-05		
206	6.4E-02				5	5.68E-05		
207	5.9E-02				5	5.25E-05		
208	5.5E-02				5	4.87E-05		
209	8.7E-02				5	7.74E-05		
210	8.1E-02				5	7.16E-05		
211	7.5E-02				5	6.63E-05		
212	6.9E-02				5	6.15E-05		
213	6.4E-02				5	5.71E-05		
214	6.0E-02				5	5.30E-05		
215	5.6E-02				5	4.93E-05		
216	8.4E-02				5	7.40E-05		
217	7.8E-02				5	6.91E-05		
218	7.3E-02				5	6.45E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
219	6.8E-02				5	6.03E-05		
220	6.4E-02				5	5.64E-05		
221	6.0E-02				5	5.28E-05		
222	7.6E-02				5	6.75E-05		
223	7.1E-02				5	6.33E-05		
224	6.7E-02				5	5.93E-05		
225	6.3E-02				5	5.57E-05		
226	5.9E-02				5	5.22E-05		
227	7.0E-02				5	6.18E-05		
228	6.6E-02				5	5.81E-05		
229	6.2E-02				5	5.47E-05		
230	5.8E-02				5	5.15E-05		
231	6.4E-02				5	5.68E-05		
232	6.1E-02				5	5.37E-05		
233	5.7E-02				5	5.07E-05		
234	5.4E-02				5	4.79E-05		
235	5.9E-02				5	5.25E-05		
236	5.6E-02				5	4.97E-05		
237	5.3E-02				5	4.71E-05		
238	5.0E-02				5	4.46E-05		
239	5.5E-02				5	4.86E-05		
240	5.2E-02				5	4.62E-05		
241	5.0E-02				5	4.39E-05		
242	4.7E-02				5	4.17E-05		
243	6.9E-02				5	6.10E-05		
244	6.8E-02				5	6.02E-05		
245	6.7E-02				5	5.90E-05		
246	6.5E-02				5	5.74E-05		
247	6.3E-02				5	5.54E-05		
248	6.0E-02				5	5.32E-05		
249	5.7E-02				5	5.08E-05		
250	6.4E-02				5	5.64E-05		
251	6.3E-02				5	5.56E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
252	6.2E-02				5	5.45E-05		
253	6.0E-02				5	5.30E-05		
254	5.8E-02				5	5.12E-05		
255	5.6E-02				5	4.92E-05		
256	5.3E-02				5	4.72E-05		
257	5.9E-02				5	5.23E-05		
258	5.8E-02				5	5.15E-05		
259	5.7E-02				5	5.04E-05		
260	5.5E-02				5	4.91E-05		
261	5.4E-02				5	4.75E-05		
262	5.2E-02				5	4.58E-05		
263	5.0E-02				5	4.39E-05		
264	5.5E-02				5	4.86E-05		
265	5.4E-02				5	4.79E-05		
266	5.3E-02				5	4.69E-05		
267	5.2E-02				5	4.56E-05		
268	5.0E-02				5	4.42E-05		
269	4.8E-02				5	4.27E-05		
270	4.6E-02				5	4.10E-05		
271	5.1E-02				5	4.53E-05		
272	5.0E-02				5	4.46E-05		
273	4.9E-02				5	4.37E-05		
274	4.8E-02				5	4.26E-05		
275	4.7E-02				5	4.13E-05		
276	4.5E-02				5	3.99E-05		
277	4.3E-02				5	3.84E-05		
278	4.1E-02				5	3.66E-05		
279	4.3E-02				5	3.80E-05		
280	4.7E-02				5	4.18E-05		
281	4.7E-02				5	4.14E-05		
282	5.1E-02				5	4.50E-05		
283	4.3E-02				5	3.81E-05		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
				School Recepors				
26	8.7E-02	2.6E-02			5	1.84E-04		
27	9.5E-02	2.9E-02			5	1.99E-04		
28	1.0E-01	3.1E-02			5	2.16E-04		
29	1.1E-01	3.4E-02			5	2.34E-04		
30	1.2E-01	3.6E-02			5	2.54E-04		
31	1.3E-01	4.0E-02			5	2.75E-04		
32	1.4E-01	4.3E-02			5	2.99E-04		
33	1.5E-01	4.7E-02			5	3.24E-04		
34	1.7E-01	5.0E-02			5	3.50E-04		
35	1.8E-01	5.4E-02			5	3.76E-04		
36	1.9E-01	5.7E-02			5	3.98E-04		
37	9.5E-02	2.9E-02			5	2.00E-04		
38	1.0E-01	3.1E-02			5	2.18E-04		
39	1.1E-01	3.4E-02			5	2.39E-04		
40	1.2E-01	3.7E-02			5	2.61E-04		
41	1.4E-01	4.1E-02			5	2.85E-04		
42	1.5E-01	4.5E-02			5	3.11E-04		
43	1.6E-01	4.9E-02			5	3.40E-04		
44	1.8E-01	5.3E-02			5	3.72E-04		
45	1.9E-01	5.8E-02			5	4.04E-04		
46	2.1E-01	6.3E-02			5	4.36E-04		
47	2.2E-01	6.6E-02			5	4.63E-04		
48	1.0E-01	3.1E-02			5	2.19E-04		
49	1.1E-01	3.5E-02			5	2.41E-04		
50	1.3E-01	3.8E-02			5	2.65E-04		
51	1.4E-01	4.2E-02			5	2.92E-04		
52	1.5E-01	4.6E-02			5	3.22E-04		
53	1.7E-01	5.1E-02			5	3.55E-04		
54	1.9E-01	5.6E-02			5	3.91E-04		
55	2.0E-01	6.2E-02			5	4.31E-04		
56	2.2E-01	6.8E-02			5	4.73E-04		
57	2.4E-01	7.4E-02			5	5.13E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
58	2.6E-01	7.9E-02			5	5.47E-04		
59	1.1E-01	3.4E-02			5	2.40E-04		
60	1.3E-01	3.8E-02			5	2.66E-04		
61	1.4E-01	4.2E-02			5	2.96E-04		
62	1.6E-01	4.7E-02			5	3.30E-04		
63	1.7E-01	5.3E-02			5	3.67E-04		
64	1.9E-01	5.9E-02			5	4.09E-04		
65	2.2E-01	6.5E-02			5	4.56E-04		
66	2.4E-01	7.3E-02			5	5.07E-04		
67	2.7E-01	8.1E-02			5	5.62E-04		
68	2.9E-01	8.8E-02			5	6.15E-04		
69	3.1E-01	9.4E-02			5	6.57E-04		
70	1.3E-01	3.8E-02			5	2.64E-04		
71	1.4E-01	4.2E-02			5	2.96E-04		
72	1.6E-01	4.8E-02			5	3.32E-04		
73	1.8E-01	5.4E-02			5	3.74E-04		
74	2.0E-01	6.1E-02			5	4.22E-04		
75	2.3E-01	6.8E-02			5	4.77E-04		
76	2.6E-01	7.7E-02			5	5.38E-04		
77	2.9E-01	8.7E-02			5	6.07E-04		
78	3.2E-01	9.8E-02			5	6.81E-04		
79	3.6E-01	1.1E-01			5	7.52E-04		
80	3.8E-01	1.2E-01			5	8.07E-04		
81	1.4E-01	4.2E-02			5	2.91E-04		
82	1.6E-01	4.7E-02			5	3.29E-04		
83	1.8E-01	5.4E-02			5	3.75E-04		
84	2.0E-01	6.1E-02			5	4.28E-04		
85	2.3E-01	7.0E-02			5	4.90E-04		
86	2.7E-01	8.1E-02			5	5.63E-04		
87	3.1E-01	9.3E-02			5	6.47E-04		
88	3.5E-01	1.1E-01			5	7.42E-04		
89	4.0E-01	1.2E-01			5	8.45E-04		
90	4.5E-01	1.4E-01			5	9.44E-04		

Shiolh Business Park

Unmitigated - 30 yer Operational Risk - Idle5

	Max. Risk				*Chronic Non Cancer Risk*			
Receptor #	Total Risk	TR - Teach	Max	Receptor #	REL	HI	Max	Receptor #
91	4.8E-01	1.5E-01			5	1.02E-03		
92	1.5E-01	4.6E-02			5	3.20E-04		
93	1.7E-01	5.3E-02			5	3.68E-04		
94	2.0E-01	6.1E-02			5	4.25E-04		
95	2.3E-01	7.1E-02			5	4.93E-04		
96	2.7E-01	8.3E-02			5	5.76E-04		
97	3.2E-01	9.7E-02			5	6.75E-04		
98	3.8E-01	1.1E-01			5	7.92E-04		
99	4.4E-01	1.3E-01			5	9.30E-04		
100	5.1E-01	1.6E-01			5	1.08E-03		
101	5.8E-01	1.8E-01			5	1.23E-03		
102	6.3E-01	1.9E-01			5	1.33E-03		
103	2.6E-01	7.9E-02			5	5.54E-04		
104	3.1E-01	9.4E-02			5	6.58E-04		
105	3.8E-01	1.2E-01			5	8.07E-04		
106	4.6E-01	1.4E-01			5	9.73E-04		
107	5.7E-01	1.7E-01			5	1.20E-03		
108	6.9E-01	2.1E-01			5	1.44E-03		
109	8.0E-01	2.4E-01			5	1.67E-03		
110	8.6E-01	2.6E-01			5	1.81E-03		
111	2.2E-01	6.8E-02			5	4.71E-04		
112	1.9E-01	5.7E-02			5	3.96E-04		

Attachment 6

CalEEMod Output

Shiloh BP - HRA Custom Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

3. Construction Emissions Details

3.1. Demolition (2023) - Unmitigated

3.3. Site Preparation (2023) - Unmitigated

3.5. Grading (2023) - Unmitigated

3.7. Building Construction (2023) - Unmitigated

3.9. Building Construction (2023) - Unmitigated

3.11. Building Construction (2024) - Unmitigated

3.13. Paving (2023) - Unmitigated

3.15. Paving (2024) - Unmitigated

3.17. Architectural Coating (2023) - Unmitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

7. Health and Equity Details

7.2. Healthy Places Index Scores

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Shiloh BP - HRA
Construction Start Date	10/1/2023
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20
Precipitation (days)	48.2
Location	38.519484798711716, -122.7867876801287
County	Sonoma-San Francisco
City	Windsor
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	946
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.14

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	477	1000sqft	30.0	477,000	0.00	0.00	—	—

Parking Lot	10.0	Acre	10.0	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	PM10E	PM2.5E	PM2.5T
Daily, Summer (Max)	—	—	—
Unmit.	0.53	0.49	1.03
Daily, Winter (Max)	—	—	—
Unmit.	0.92	0.87	4.00
Average Daily (Max)	—	—	—
Unmit.	0.31	0.29	0.60
Annual (Max)	—	—	—
Unmit.	0.06	0.05	0.11

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	PM10E	PM2.5E	PM2.5T
Daily - Summer (Max)	—	—	—
2023	< 0.005	< 0.005	0.16
2024	0.53	0.49	1.03
Daily - Winter (Max)	—	—	—
2023	0.92	0.87	4.00

2024	0.67	0.63	1.22
Average Daily	—	—	—
2023	0.10	0.09	0.52
2024	0.31	0.29	0.60
Annual	—	—	—
2023	0.02	0.02	0.09
2024	0.06	0.05	0.11

3. Construction Emissions Details

3.1. Demolition (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.02	0.02	0.02
Demolition	—	—	< 0.005
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Demolition	—	—	< 0.005
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Demolition	—	—	< 0.005
Onsite truck	0.00	0.00	0.00

Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.03
Vendor	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005
Average Daily	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005

3.3. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.16	0.16	0.16
Dust From Material Movement	—	—	3.31
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Dust From Material Movement	—	—	0.09

Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Dust From Material Movement	—	—	0.02
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.08
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00

3.5. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.39	0.38	0.38

Dust From Material Movement	—	—	3.53
Onsite truck	> -0.005	> -0.005	> -0.005
Average Daily	—	—	—
Off-Road Equipment	0.03	0.03	0.03
Dust From Material Movement	—	—	0.23
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Dust From Material Movement	—	—	0.04
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.08
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	0.01
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00

3.7. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.18	0.17	0.17
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	0.01	0.01	0.01
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.39
Vendor	0.03	0.03	0.18
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	0.02
Vendor	< 0.005	< 0.005	0.01
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00

3.9. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.55	0.51	0.51
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	0.04	0.04	0.04
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	0.01	0.01	0.01
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.39
Vendor	0.03	0.03	0.18
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	0.03
Vendor	< 0.005	< 0.005	0.01
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	0.01
Vendor	< 0.005	< 0.005	< 0.005

Hauling	0.00	0.00	0.00

3.11. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Off-Road Equipment	0.50	0.46	0.46
Onsite truck	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.50	0.46	0.46
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	0.29	0.27	0.27
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	0.05	0.05	0.05
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Worker	0.00	0.00	0.39
Vendor	0.03	0.03	0.18
Hauling	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.39
Vendor	0.03	0.03	0.18
Hauling	0.00	0.00	0.00

Average Daily	—	—	—
Worker	0.00	0.00	0.22
Vendor	0.02	0.02	0.10
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	0.04
Vendor	< 0.005	< 0.005	0.02
Hauling	0.00	0.00	0.00

3.13. Paving (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.14	0.14	0.14
Paving	—	—	—
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	0.01	0.01	0.01
Paving	—	—	—
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Paving	—	—	—
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—

Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.05
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00

3.15. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Off-Road Equipment	0.14	0.14	0.14
Paving	—	—	—
Onsite truck	0.00	0.00	0.00
Average Daily	—	—	—
Off-Road Equipment	0.01	0.01	0.01
Paving	—	—	—
Onsite truck	0.00	0.00	0.00

Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Paving	—	—	—
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Daily, Winter (Max)	—	—	—
Worker	0.00	0.00	0.05
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Average Daily	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00

3.17. Architectural Coating (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	PM10E	PM2.5E	PM2.5T
Onsite	—	—	—
Daily, Summer (Max)	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Architectural Coatings	—	—	—
Onsite truck	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—
Average Daily	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Architectural Coatings	—	—	—
Onsite truck	0.00	0.00	0.00
Annual	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005
Architectural Coatings	—	—	—
Onsite truck	0.00	0.00	0.00
Offsite	—	—	—
Daily, Summer (Max)	—	—	—
Worker	0.00	0.00	0.16
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—
Average Daily	—	—	—
Worker	0.00	0.00	0.02
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00
Annual	—	—	—
Worker	0.00	0.00	< 0.005
Vendor	0.00	0.00	0.00
Hauling	0.00	0.00	0.00

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	10/1/2023	10/19/2023	6.00	16.0	—
Site Preparation	Site Preparation	10/20/2023	10/31/2023	6.00	10.0	—
Grading	Grading	11/1/2023	11/28/2023	6.00	24.0	—
Foundation	Building Construction	11/29/2023	12/19/2023	6.00	18.0	—
Building Construction	Building Construction	11/29/2023	8/31/2024	6.00	238	—
Paving	Paving	11/29/2023	1/31/2024	6.00	55.0	—
Architectural Coating	Architectural Coating	6/29/2023	8/31/2023	6.00	55.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	0.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	0.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	0.00	8.00	33.0	0.73
Demolition	Crawler Tractors	Diesel	Tier 4 Final	1.00	10.0	87.0	0.43
Demolition	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Demolition	Generator Sets	Diesel	Tier 4 Final	2.00	10.0	14.0	0.74
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	10.0	84.0	0.37
Site Preparation	Rubber Tired Dozers	Diesel	Average	0.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	8.00	10.0	84.0	0.37
Site Preparation	Plate Compactors	Diesel	Average	1.00	10.0	8.00	0.43
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	10.0	367	0.40
Site Preparation	Excavators	Diesel	Tier 4 Final	3.00	10.0	36.0	0.38

Site Preparation	Graders	Diesel	Tier 4 Final	1.00	10.0	148	0.41
Site Preparation	Rollers	Diesel	Tier 4 Final	1.00	10.0	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	1.00	10.0	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1.00	10.0	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	10.0	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	4.00	10.0	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	10.0	367	0.40
Grading	Plate Compactors	Diesel	Average	1.00	10.0	8.00	0.43
Grading	Pumps	Diesel	Average	2.00	10.0	11.0	0.74
Grading	Rollers	Diesel	Tier 4 Final	2.00	10.0	36.0	0.38
Grading	Signal Boards	Diesel	Average	2.00	10.0	6.00	0.82
Grading	Trenchers	Diesel	Tier 4 Final	1.00	10.0	40.0	0.50
Foundation	Forklifts	Diesel	Average	0.00	8.00	82.0	0.20
Foundation	Cranes	Diesel	Average	0.00	7.00	367	0.29
Foundation	Welders	Diesel	Average	0.00	8.00	46.0	0.45
Foundation	Tractors/Loaders/Backhoes	Diesel	Average	0.00	7.00	84.0	0.37
Foundation	Aerial Lifts	Diesel	Tier 4 Final	4.00	8.00	46.0	0.31
Foundation	Cement and Mortar Mixers	Diesel	Average	1.00	8.00	10.0	0.56
Foundation	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	8.00	33.0	0.73
Foundation	Air Compressors	Diesel	Tier 4 Final	4.00	8.00	37.0	0.48
Foundation	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Foundation	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Foundation	Generator Sets	Diesel	Tier 4 Final	2.00	8.00	14.0	0.74
Foundation	Pressure Washers	Diesel	Average	2.00	8.00	14.0	0.30
Foundation	Pumps	Diesel	Average	2.00	8.00	11.0	0.74

Foundation	Signal Boards	Diesel	Average	1.00	8.00	6.00	0.82
Foundation	Other Construction Equipment	Diesel	Tier 4 Final	1.00	8.00	74.0	0.42
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00	10.0	82.0	0.20
Building Construction	Generator Sets	Diesel	Tier 4 Final	2.00	10.0	14.0	0.74
Building Construction	Welders	Diesel	Average	5.00	10.0	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	0.00	7.00	84.0	0.37
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	4.00	10.0	46.0	0.31
Building Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	2.00	10.0	33.0	0.73
Building Construction	Air Compressors	Diesel	Tier 4 Final	4.00	10.0	37.0	0.48
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	10.0	367	0.29
Building Construction	Dumpers/Tenders	Diesel	Average	3.00	10.0	16.0	0.38
Building Construction	Excavators	Diesel	Tier 4 Final	3.00	10.0	36.0	0.38
Building Construction	Pressure Washers	Diesel	Average	2.00	10.0	14.0	0.30
Building Construction	Signal Boards	Diesel	Average	1.00	10.0	6.00	0.82
Building Construction	Sweepers/Scrubbers	Diesel	Tier 4 Final	1.00	10.0	36.0	0.46
Paving	Pavers	Diesel	Tier 4 Final	1.00	10.0	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	10.0	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	10.0	36.0	0.38
Paving	Plate Compactors	Diesel	Average	2.00	10.0	8.00	0.43
Paving	Graders	Diesel	Tier 4 Final	1.00	10.0	148	0.41
Paving	Scrapers	Diesel	Tier 4 Final	1.00	10.0	423	0.48
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.00	10.0	71.0	0.37
Paving	Surfacing Equipment	Diesel	Tier 4 Final	1.00	10.0	399	0.30
Paving	Sweepers/Scrubbers	Diesel	Tier 4 Final	1.00	10.0	36.0	0.46
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	10.0	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition	Vendor	0.00	8.40	HHDT,MHDT
Demolition	Hauling	0.06	20.0	HHDT
Demolition	Onsite truck	0.00	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	40.0	11.7	LDA,LDT1,LDT2
Site Preparation	Vendor	0.00	8.40	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	42.5	11.7	LDA,LDT1,LDT2
Grading	Vendor	0.00	8.40	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	-1.00	—	HHDT
Foundation	—	—	—	—
Foundation	Worker	200	11.7	LDA,LDT1,LDT2
Foundation	Vendor	78.2	8.40	HHDT,MHDT
Foundation	Hauling	0.00	20.0	HHDT
Foundation	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	27.5	11.7	LDA,LDT1,LDT2
Paving	Vendor	0.00	8.40	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	0.00	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	80.1	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	200	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	78.2	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	715,500	238,500	26,136

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	50.1	—

Site Preparation	0.00	0.00	18.8	0.00	—
Grading	0.00	0.00	165	0.00	—
Paving	0.00	0.00	0.00	0.00	10.0

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	10.0	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

7. Health and Equity Details

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	56.1144617
Employed	28.26895932
Median HI	57.70563326
Education	—
Bachelor's or higher	58.29590658
High school enrollment	100
Preschool enrollment	85.42281535
Transportation	—
Auto Access	58.83485179
Active commuting	66.7393815
Social	—

2-parent households	24.29103041
Voting	91.56935712
Neighborhood	—
Alcohol availability	42.4996792
Park access	28.32028744
Retail density	37.88014885
Supermarket access	50.03208007
Tree canopy	85.11484666
Housing	—
Homeownership	38.90671115
Housing habitability	39.6894649
Low-inc homeowner severe housing cost burden	47.68381881
Low-inc renter severe housing cost burden	18.50378545
Uncrowded housing	71.88502502
Health Outcomes	—
Insured adults	78.54484794
Arthritis	0.0
Asthma ER Admissions	55.4
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	55.6
Cognitively Disabled	13.7
Physically Disabled	43.7

Heart Attack ER Admissions	65.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	67.8
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	67.0
Elderly	56.5
English Speaking	88.6
Foreign-born	8.3
Outdoor Workers	27.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.9
Traffic Density	60.9
Traffic Access	23.0
Other Indices	—
Hardship	31.2
Other Decision Support	—
2016 Voting	92.8

8. User Changes to Default Data

Screen	Justification
Land Use	Based on client provided information
Construction: Construction Phases	Based on client provided schedule
Construction: Off-Road Equipment	Based on client provided information

Attachment 7

AERMOD Output

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/28/2023
** File: C:\Lakes\Project Files\Shiloh Business Park\Shiloh Business Park.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
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   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 485887
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Shiloh Business Park.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = SPG
** DESCRSRC Site Prep and Grading
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 16
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** 518456.146, 4263785.312, 35.93, 3.66, 11.34
** 518461.044, 4263757.036, 36.00, 3.66, 11.34
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** 518535.490, 4263614.873, 36.00, 3.66, 11.34
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   LOCATION L0003151     VOLUME   518520.449 4263507.427 36.00
   LOCATION L0003152     VOLUME   518522.193 4263483.105 36.00
   LOCATION L0003153     VOLUME   518523.937 4263458.783 36.00
   LOCATION L0003154     VOLUME   518525.681 4263434.462 36.00
   LOCATION L0003155     VOLUME   518527.425 4263410.140 36.00
   LOCATION L0003156     VOLUME   518529.168 4263385.819 36.00
   LOCATION L0003157     VOLUME   518530.912 4263361.497 36.00
   LOCATION L0003158     VOLUME   518549.153 4263354.897 36.00
   LOCATION L0003159     VOLUME   518573.537 4263354.897 36.00
   LOCATION L0003160     VOLUME   518597.921 4263354.897 36.00
   LOCATION L0003161     VOLUME   518622.305 4263354.897 36.00
   LOCATION L0003162     VOLUME   518646.689 4263354.897 36.00
   LOCATION L0003163     VOLUME   518671.073 4263354.897 36.00
   LOCATION L0003164     VOLUME   518695.457 4263354.897 36.06
   LOCATION L0003165     VOLUME   518688.923 4263371.938 36.00
   LOCATION L0003166     VOLUME   518675.902 4263392.555 36.00
   LOCATION L0003167     VOLUME   518662.881 4263413.171 36.00
   LOCATION L0003168     VOLUME   518649.860 4263433.787 36.00
   LOCATION L0003169     VOLUME   518636.839 4263454.404 36.00
   LOCATION L0003170     VOLUME   518623.819 4263475.020 36.00
   LOCATION L0003171     VOLUME   518610.798 4263495.637 36.00
   LOCATION L0003172     VOLUME   518597.777 4263516.253 36.00
   LOCATION L0003173     VOLUME   518584.756 4263536.869 36.00
   LOCATION L0003174     VOLUME   518571.735 4263557.486 36.00
   LOCATION L0003175     VOLUME   518558.714 4263578.102 36.00
   LOCATION L0003176     VOLUME   518545.693 4263598.719 36.00
   LOCATION L0003177     VOLUME   518536.117 4263609.633 36.00
   LOCATION L0003178     VOLUME   518539.010 4263585.421 36.00
   LOCATION L0003179     VOLUME   518541.903 4263561.210 36.00
   LOCATION L0003180     VOLUME   518544.796 4263536.998 36.00
   LOCATION L0003181     VOLUME   518547.689 4263512.786 36.00
   LOCATION L0003182     VOLUME   518550.583 4263488.574 36.00
   LOCATION L0003183     VOLUME   518553.476 4263464.363 36.00
   LOCATION L0003184     VOLUME   518556.369 4263440.151 36.00
   LOCATION L0003185     VOLUME   518559.262 4263415.939 36.00
   LOCATION L0003186     VOLUME   518567.080 4263396.693 36.00
   LOCATION L0003187     VOLUME   518591.315 4263394.000 36.00
   LOCATION L0003188     VOLUME   518615.550 4263391.308 36.00
   LOCATION L0003189     VOLUME   518633.169 4263392.953 36.00
   LOCATION L0003190     VOLUME   518621.041 4263414.107 36.00
   LOCATION L0003191     VOLUME   518608.913 4263435.261 36.00
   LOCATION L0003192     VOLUME   518596.785 4263456.415 36.00
   LOCATION L0003193     VOLUME   518584.656 4263477.569 36.00
** End of LINE VOLUME Source ID = SPG
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = DEMO1
** DESCRSRC Demolition building and existing road to Pruitt
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
```

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** Nodes = 13
** 518365.379, 4263922.169, 34.97, 3.66, 11.34
** 518454.936, 4263788.415, 35.95, 3.66, 11.34
** 518464.201, 4263756.726, 36.00, 3.66, 11.34
** 518464.233, 4263729.125, 36.00, 3.66, 11.34
** 518465.803, 4263692.165, 36.00, 3.66, 11.34
** 518468.655, 4263637.767, 36.00, 3.66, 11.34
** 518473.791, 4263553.868, 36.00, 3.66, 11.34
** 518468.893, 4263467.405, 36.00, 3.66, 11.34
** 518508.438, 4263467.405, 36.00, 3.66, 11.34
** 518514.253, 4263626.747, 36.00, 3.66, 11.34
** 518473.254, 4263779.836, 36.00, 3.66, 11.34
** 518493.967, 4263602.661, 36.00, 3.66, 11.34
** 518495.040, 4263482.553, 36.00, 3.66, 11.34
** ------------------------------------------------------------------
   LOCATION L0003194     VOLUME   518368.771 4263917.103 35.00
   LOCATION L0003195     VOLUME   518382.337 4263896.842 35.00
   LOCATION L0003196     VOLUME   518395.904 4263876.580 35.00
   LOCATION L0003197     VOLUME   518409.470 4263856.319 35.00
   LOCATION L0003198     VOLUME   518423.037 4263836.057 35.00
   LOCATION L0003199     VOLUME   518436.603 4263815.795 35.43
   LOCATION L0003200     VOLUME   518450.170 4263795.534 35.89
   LOCATION L0003201     VOLUME   518459.375 4263773.234 36.00
   LOCATION L0003202     VOLUME   518464.209 4263749.541 36.00
   LOCATION L0003203     VOLUME   518464.401 4263725.160 36.00
   LOCATION L0003204     VOLUME   518465.436 4263700.798 36.00
   LOCATION L0003205     VOLUME   518466.627 4263676.444 36.00
   LOCATION L0003206     VOLUME   518467.903 4263652.093 36.00
   LOCATION L0003207     VOLUME   518469.268 4263627.748 36.00
   LOCATION L0003208     VOLUME   518470.758 4263603.409 36.00
   LOCATION L0003209     VOLUME   518472.248 4263579.071 36.00
   LOCATION L0003210     VOLUME   518473.738 4263554.732 36.00
   LOCATION L0003211     VOLUME   518472.461 4263530.388 36.00
   LOCATION L0003212     VOLUME   518471.082 4263506.043 36.00
   LOCATION L0003213     VOLUME   518469.703 4263481.698 36.00
   LOCATION L0003214     VOLUME   518478.962 4263467.405 36.00
   LOCATION L0003215     VOLUME   518503.346 4263467.405 36.00
   LOCATION L0003216     VOLUME   518509.142 4263486.684 36.00
   LOCATION L0003217     VOLUME   518510.031 4263511.052 36.00
   LOCATION L0003218     VOLUME   518510.920 4263535.419 36.00
   LOCATION L0003219     VOLUME   518511.810 4263559.787 36.00
   LOCATION L0003220     VOLUME   518512.699 4263584.155 36.00
   LOCATION L0003221     VOLUME   518513.588 4263608.523 36.00
   LOCATION L0003222     VOLUME   518512.663 4263632.685 36.00
   LOCATION L0003223     VOLUME   518506.355 4263656.239 36.00
   LOCATION L0003224     VOLUME   518500.047 4263679.793 36.00
   LOCATION L0003225     VOLUME   518493.739 4263703.347 36.00
   LOCATION L0003226     VOLUME   518487.431 4263726.901 36.00
   LOCATION L0003227     VOLUME   518481.123 4263750.455 36.00
   LOCATION L0003228     VOLUME   518474.815 4263774.009 36.00
   LOCATION L0003229     VOLUME   518475.385 4263761.608 36.00
   LOCATION L0003230     VOLUME   518478.217 4263737.389 36.00
   LOCATION L0003231     VOLUME   518481.048 4263713.170 36.00
   LOCATION L0003232     VOLUME   518483.880 4263688.951 36.00
   LOCATION L0003233     VOLUME   518486.711 4263664.732 36.00
   LOCATION L0003234     VOLUME   518489.542 4263640.513 36.00
   LOCATION L0003235     VOLUME   518492.374 4263616.294 36.00
   LOCATION L0003236     VOLUME   518494.063 4263592.003 36.00
   LOCATION L0003237     VOLUME   518494.280 4263567.620 36.00
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   LOCATION L0003238     VOLUME   518494.498 4263543.237 36.00
   LOCATION L0003239     VOLUME   518494.716 4263518.854 36.00
   LOCATION L0003240     VOLUME   518494.934 4263494.471 36.00
** End of LINE VOLUME Source ID = DEMO1
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = DGP2
** DESCRSRC Demo, grading, paving for connection to Aviation
** PREFIX
** Length of Side = 12.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 5
** 518713.671, 4263282.562, 37.00, 3.66, 11.16
** 518708.846, 4263079.022, 36.92, 3.66, 11.16
** 518679.894, 4262993.044, 36.00, 3.66, 11.16
** 518680.771, 4262973.743, 36.00, 3.66, 11.16
** 518674.191, 4262962.777, 36.04, 3.66, 11.16
** ------------------------------------------------------------------
   LOCATION L0003241     VOLUME   518713.529 4263276.564 37.00
   LOCATION L0003242     VOLUME   518712.960 4263252.571 37.00
   LOCATION L0003243     VOLUME   518712.391 4263228.578 37.00
   LOCATION L0003244     VOLUME   518711.822 4263204.584 37.00
   LOCATION L0003245     VOLUME   518711.254 4263180.591 37.00
   LOCATION L0003246     VOLUME   518710.685 4263156.598 37.00
   LOCATION L0003247     VOLUME   518710.116 4263132.605 37.00
   LOCATION L0003248     VOLUME   518709.547 4263108.611 37.00
   LOCATION L0003249     VOLUME   518708.978 4263084.618 37.00
   LOCATION L0003250     VOLUME   518702.973 4263061.582 36.84
   LOCATION L0003251     VOLUME   518695.314 4263038.837 36.70
   LOCATION L0003252     VOLUME   518687.655 4263016.092 36.00
   LOCATION L0003253     VOLUME   518679.996 4262993.347 36.00
   LOCATION L0003254     VOLUME   518678.528 4262970.005 36.00
** End of LINE VOLUME Source ID = DGP2
** ------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL1C
** DESCRSRC Haul Route from site to Aviation Blvd
** PREFIX
** Length of Side = 12.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 5
** 518713.671, 4263282.562, 37.00, 3.66, 11.16
** 518708.846, 4263079.022, 36.92, 3.66, 11.16
** 518679.894, 4262993.044, 36.00, 3.66, 11.16
** 518680.771, 4262973.743, 36.00, 3.66, 11.16
** 518674.191, 4262962.777, 36.04, 3.66, 11.16
** ------------------------------------------------------------------
   LOCATION L0003255     VOLUME   518713.529 4263276.564 37.00
   LOCATION L0003256     VOLUME   518712.960 4263252.571 37.00
   LOCATION L0003257     VOLUME   518712.391 4263228.578 37.00
   LOCATION L0003258     VOLUME   518711.822 4263204.584 37.00
   LOCATION L0003259     VOLUME   518711.254 4263180.591 37.00
   LOCATION L0003260     VOLUME   518710.685 4263156.598 37.00
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   LOCATION L0003261     VOLUME   518710.116 4263132.605 37.00
   LOCATION L0003262     VOLUME   518709.547 4263108.611 37.00
   LOCATION L0003263     VOLUME   518708.978 4263084.618 37.00
   LOCATION L0003264     VOLUME   518702.973 4263061.582 36.84
   LOCATION L0003265     VOLUME   518695.314 4263038.837 36.70
   LOCATION L0003266     VOLUME   518687.655 4263016.092 36.00
   LOCATION L0003267     VOLUME   518679.996 4262993.347 36.00
   LOCATION L0003268     VOLUME   518678.528 4262970.005 36.00
** End of LINE VOLUME Source ID = HAUL1C
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = DGP3
** DESCRSRC Demo, Grading, Paving connection to Conde
** PREFIX
** Length of Side = 12.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 10
** 517669.651, 4264169.102, 32.91, 3.66, 11.16
** 517691.146, 4264129.622, 33.00, 3.66, 11.16
** 517732.380, 4264109.444, 33.00, 3.66, 11.16
** 517769.228, 4264092.336, 33.00, 3.66, 11.16
** 517824.938, 4264007.674, 33.00, 3.66, 11.16
** 517840.291, 4263998.023, 33.06, 3.66, 11.16
** 517867.489, 4263992.759, 33.64, 3.66, 11.16
** 517920.567, 4263984.425, 33.97, 3.66, 11.16
** 518001.281, 4263964.685, 33.90, 3.66, 11.16
** 518032.426, 4263958.543, 34.00, 3.66, 11.16
** ----------------------------------------------------------------
   LOCATION L0003269     VOLUME   517672.520 4264163.832 32.76
   LOCATION L0003270     VOLUME   517683.996 4264142.754 32.82
   LOCATION L0003271     VOLUME   517699.273 4264125.645 33.00
   LOCATION L0003272     VOLUME   517720.830 4264115.096 33.00
   LOCATION L0003273     VOLUME   517742.485 4264104.752 33.00
   LOCATION L0003274     VOLUME   517764.254 4264094.645 33.00
   LOCATION L0003275     VOLUME   517779.406 4264076.869 33.00
   LOCATION L0003276     VOLUME   517792.599 4264056.820 33.00
   LOCATION L0003277     VOLUME   517805.791 4264036.771 33.00
   LOCATION L0003278     VOLUME   517818.984 4264016.722 33.00
   LOCATION L0003279     VOLUME   517836.087 4264000.666 33.00
   LOCATION L0003280     VOLUME   517858.978 4263994.406 33.18
   LOCATION L0003281     VOLUME   517882.635 4263990.381 33.97
   LOCATION L0003282     VOLUME   517906.344 4263986.658 34.00
   LOCATION L0003283     VOLUME   517929.895 4263982.143 33.90
   LOCATION L0003284     VOLUME   517953.208 4263976.442 33.68
   LOCATION L0003285     VOLUME   517976.521 4263970.740 33.28
   LOCATION L0003286     VOLUME   517999.834 4263965.039 33.92
   LOCATION L0003287     VOLUME   518023.366 4263960.330 34.00
** End of LINE VOLUME Source ID = DGP3
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL2B
** DESCRSRC New Access from Shioloh to Site
** PREFIX
** Length of Side = 12.00
** Configuration = Separated 2W
** Emission Rate = 1.0
```

```
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 14
** 517669.651, 4264169.102, 32.91, 3.66, 11.16
** 517691.146, 4264129.622, 33.00, 3.66, 11.16
** 517732.380, 4264109.444, 33.00, 3.66, 11.16
** 517769.228, 4264092.336, 33.00, 3.66, 11.16
** 517824.938, 4264007.674, 33.00, 3.66, 11.16
** 517840.291, 4263998.023, 33.06, 3.66, 11.16
** 517867.489, 4263992.759, 33.64, 3.66, 11.16
** 517920.567, 4263984.425, 33.97, 3.66, 11.16
** 518001.281, 4263964.685, 33.90, 3.66, 11.16
** 518184.972, 4263958.791, 34.00, 3.66, 11.16
** 518252.428, 4263921.853, 34.00, 3.66, 11.16
** 518367.263, 4263923.590, 34.96, 3.66, 11.16
** 518449.584, 4263784.252, 35.89, 3.66, 11.16
** 518452.744, 4263586.063, 36.00, 3.66, 11.16
** ---------------------------------------------------------------------
   LOCATION L0003288     VOLUME   517672.520 4264163.832 32.76
   LOCATION L0003289     VOLUME   517683.996 4264142.754 32.82
   LOCATION L0003290     VOLUME   517699.273 4264125.645 33.00
   LOCATION L0003291     VOLUME   517720.830 4264115.096 33.00
   LOCATION L0003292     VOLUME   517742.485 4264104.752 33.00
   LOCATION L0003293     VOLUME   517764.254 4264094.645 33.00
   LOCATION L0003294     VOLUME   517779.406 4264076.869 33.00
   LOCATION L0003295     VOLUME   517792.599 4264056.820 33.00
   LOCATION L0003296     VOLUME   517805.791 4264036.771 33.00
   LOCATION L0003297     VOLUME   517818.984 4264016.722 33.00
   LOCATION L0003298     VOLUME   517836.087 4264000.666 33.00
   LOCATION L0003299     VOLUME   517858.978 4263994.406 33.18
   LOCATION L0003300     VOLUME   517882.635 4263990.381 33.97
   LOCATION L0003301     VOLUME   517906.344 4263986.658 34.00
   LOCATION L0003302     VOLUME   517929.895 4263982.143 33.90
   LOCATION L0003303     VOLUME   517953.208 4263976.442 33.68
   LOCATION L0003304     VOLUME   517976.521 4263970.740 33.28
   LOCATION L0003305     VOLUME   517999.834 4263965.039 33.92
   LOCATION L0003306     VOLUME   518023.780 4263963.963 34.00
   LOCATION L0003307     VOLUME   518047.767 4263963.193 34.00
   LOCATION L0003308     VOLUME   518071.755 4263962.423 34.00
   LOCATION L0003309     VOLUME   518095.743 4263961.654 34.00
   LOCATION L0003310     VOLUME   518119.730 4263960.884 34.00
   LOCATION L0003311     VOLUME   518143.718 4263960.114 34.00
   LOCATION L0003312     VOLUME   518167.706 4263959.345 34.00
   LOCATION L0003313     VOLUME   518190.870 4263955.561 34.00
   LOCATION L0003314     VOLUME   518211.921 4263944.034 34.00
   LOCATION L0003315     VOLUME   518232.972 4263932.507 34.00
   LOCATION L0003316     VOLUME   518254.246 4263921.881 34.00
   LOCATION L0003317     VOLUME   518278.243 4263922.244 34.00
   LOCATION L0003318     VOLUME   518302.240 4263922.607 34.00
   LOCATION L0003319     VOLUME   518326.238 4263922.969 34.00
   LOCATION L0003320     VOLUME   518350.235 4263923.332 34.55
   LOCATION L0003321     VOLUME   518370.808 4263917.589 35.00
   LOCATION L0003322     VOLUME   518383.016 4263896.926 35.00
   LOCATION L0003323     VOLUME   518395.224 4263876.263 35.00
   LOCATION L0003324     VOLUME   518407.432 4263855.599 35.00
   LOCATION L0003325     VOLUME   518419.640 4263834.936 35.00
   LOCATION L0003326     VOLUME   518431.848 4263814.273 35.27
   LOCATION L0003327     VOLUME   518444.056 4263793.610 35.71
   LOCATION L0003328     VOLUME   518449.793 4263771.123 35.98
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   LOCATION L0003329     VOLUME   518450.176 4263747.126 36.00
   LOCATION L0003330     VOLUME   518450.559 4263723.129 36.00
   LOCATION L0003331     VOLUME   518450.941 4263699.132 36.00
   LOCATION L0003332     VOLUME   518451.324 4263675.135 36.00
   LOCATION L0003333     VOLUME   518451.706 4263651.138 36.00
   LOCATION L0003334     VOLUME   518452.089 4263627.141 36.00
   LOCATION L0003335     VOLUME   518452.471 4263603.144 36.00
** End of LINE VOLUME Source ID = HAUL2B
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = IDLE1
** DESCRSRC north of western building
** PREFIX
** Length of Side = 6.10
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 518473.034, 4263590.109, 36.00, 3.66, 5.29
** 518516.750, 4263529.999, 36.00, 3.66, 5.29
** ----------------------------------------------------------------
   LOCATION L0003336     VOLUME   518474.827 4263587.644 36.00
   LOCATION L0003337     VOLUME   518481.515 4263578.447 36.00
   LOCATION L0003338     VOLUME   518488.203 4263569.250 36.00
   LOCATION L0003339     VOLUME   518494.892 4263560.054 36.00
   LOCATION L0003340     VOLUME   518501.580 4263550.857 36.00
   LOCATION L0003341     VOLUME   518508.269 4263541.661 36.00
   LOCATION L0003342     VOLUME   518514.957 4263532.464 36.00
** End of LINE VOLUME Source ID = IDLE1
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = IDLE2
** DESCRSRC Docks for west building
** PREFIX
** Length of Side = 6.10
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 518542.251, 4263494.177, 36.00, 3.66, 5.29
** 518613.289, 4263397.637, 36.00, 3.66, 5.29
** ----------------------------------------------------------------
   LOCATION L0003343     VOLUME   518544.057 4263491.722 36.00
   LOCATION L0003344     VOLUME   518550.800 4263482.559 36.00
   LOCATION L0003345     VOLUME   518557.542 4263473.396 36.00
   LOCATION L0003346     VOLUME   518564.285 4263464.233 36.00
   LOCATION L0003347     VOLUME   518571.027 4263455.070 36.00
   LOCATION L0003348     VOLUME   518577.770 4263445.907 36.00
   LOCATION L0003349     VOLUME   518584.512 4263436.744 36.00
   LOCATION L0003350     VOLUME   518591.255 4263427.581 36.00
   LOCATION L0003351     VOLUME   518597.997 4263418.418 36.00
   LOCATION L0003352     VOLUME   518604.740 4263409.255 36.00
   LOCATION L0003353     VOLUME   518611.482 4263400.092 36.00
** End of LINE VOLUME Source ID = IDLE2
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = IDLE3
```

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** DESCRSRC Parking south of western bld
** PREFIX
** Length of Side = 6.10
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 518642.433, 4263358.172, 36.00, 3.66, 4.08
** 518662.469, 4263332.671, 36.00, 3.66, 4.08
** ----------------------------------------------------------------------
   LOCATION L0003354     VOLUME   518644.316 4263355.775 36.00
   LOCATION L0003355     VOLUME   518649.739 4263348.873 36.00
   LOCATION L0003356     VOLUME   518655.163 4263341.970 36.00
   LOCATION L0003357     VOLUME   518660.586 4263335.068 36.00
** End of LINE VOLUME Source ID = IDLE3
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = IDLE4
** DESCRSRC Docks in northern building
** PREFIX
** Length of Side = 6.10
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 518483.356, 4263650.218, 36.00, 3.66, 5.40
** 518550.751, 4263548.214, 36.00, 3.66, 5.40
** ----------------------------------------------------------------------
   LOCATION L0003358     VOLUME   518485.036 4263647.675 36.00
   LOCATION L0003359     VOLUME   518491.439 4263637.983 36.00
   LOCATION L0003360     VOLUME   518497.843 4263628.291 36.00
   LOCATION L0003361     VOLUME   518504.246 4263618.600 36.00
   LOCATION L0003362     VOLUME   518510.650 4263608.908 36.00
   LOCATION L0003363     VOLUME   518517.053 4263599.216 36.00
   LOCATION L0003364     VOLUME   518523.457 4263589.524 36.00
   LOCATION L0003365     VOLUME   518529.860 4263579.833 36.00
   LOCATION L0003366     VOLUME   518536.264 4263570.141 36.00
   LOCATION L0003367     VOLUME   518542.667 4263560.449 36.00
   LOCATION L0003368     VOLUME   518549.071 4263550.757 36.00
** End of LINE VOLUME Source ID = IDLE4
** ----------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = IDLE5
** DESCRSRC Docks Southern Buiding
** PREFIX
** Length of Side = 6.10
** Configuration = Separated
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 518609.646, 4263464.426, 36.00, 3.66, 5.60
** 518684.327, 4263362.422, 36.07, 3.66, 5.60
** ----------------------------------------------------------------------
   LOCATION L0003369     VOLUME   518611.446 4263461.966 36.00
   LOCATION L0003370     VOLUME   518618.554 4263452.258 36.00
   LOCATION L0003371     VOLUME   518625.662 4263442.549 36.00
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   LOCATION L0003372     VOLUME   518632.770 4263432.841 36.00
   LOCATION L0003373     VOLUME   518639.878 4263423.132 36.00
   LOCATION L0003374     VOLUME   518646.986 4263413.424 36.00
   LOCATION L0003375     VOLUME   518654.094 4263403.715 36.00
   LOCATION L0003376     VOLUME   518661.202 4263394.007 36.00
   LOCATION L0003377     VOLUME   518668.310 4263384.298 36.00
   LOCATION L0003378     VOLUME   518675.418 4263374.590 36.00
   LOCATION L0003379     VOLUME   518682.526 4263364.881 36.00
** End of LINE VOLUME Source ID = IDLE5
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL1A
** DESCRSRC Airport Blvd from 101 to Aviation
** PREFIX
** Length of Side = 18.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 7
** 519554.361, 4262585.463, 40.00, 3.66, 16.74
** 519482.215, 4262576.177, 40.00, 3.66, 16.74
** 519372.211, 4262559.033, 40.00, 3.66, 16.74
** 519324.352, 4262551.890, 40.00, 3.66, 16.74
** 519232.920, 4262551.890, 40.00, 3.66, 16.74
** 519106.487, 4262553.319, 39.00, 3.66, 16.74
** 519077.200, 4262552.604, 38.86, 3.66, 16.74
** ----------------------------------------------------------------
   LOCATION L0003380     VOLUME   519545.435 4262584.314 40.00
   LOCATION L0003381     VOLUME   519509.729 4262579.718 40.00
   LOCATION L0003382     VOLUME   519474.055 4262574.905 40.00
   LOCATION L0003383     VOLUME   519438.484 4262569.361 40.00
   LOCATION L0003384     VOLUME   519402.914 4262563.818 40.00
   LOCATION L0003385     VOLUME   519367.338 4262558.306 40.00
   LOCATION L0003386     VOLUME   519331.733 4262552.991 40.00
   LOCATION L0003387     VOLUME   519295.814 4262551.890 40.00
   LOCATION L0003388     VOLUME   519259.814 4262551.890 40.00
   LOCATION L0003389     VOLUME   519223.815 4262551.993 40.00
   LOCATION L0003390     VOLUME   519187.817 4262552.400 39.72
   LOCATION L0003391     VOLUME   519151.819 4262552.806 39.13
   LOCATION L0003392     VOLUME   519115.822 4262553.213 39.00
   LOCATION L0003393     VOLUME   519079.830 4262552.668 38.87
** End of LINE VOLUME Source ID = HAUL1A
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL1B
** DESCRSRC Aviation Blvd from Airport to New access road
** PREFIX
** Length of Side = 12.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 12
** 519077.200, 4262560.462, 38.90, 3.66, 11.16
** 519071.485, 4262656.894, 38.05, 3.66, 11.16
** 519055.056, 4262701.896, 38.00, 3.66, 11.16
** 519025.055, 4262736.897, 38.00, 3.66, 11.16
** 518987.196, 4262759.755, 37.87, 3.66, 11.16
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** 518929.337, 4262779.756, 37.00, 3.66, 11.16
** 518877.192, 4262804.757, 37.00, 3.66, 11.16
** 518815.761, 4262839.758, 37.00, 3.66, 11.16
** 518773.616, 4262871.188, 37.00, 3.66, 11.16
** 518732.901, 4262904.046, 37.00, 3.66, 11.16
** 518682.184, 4262954.763, 36.05, 3.66, 11.16
** 518666.469, 4262964.763, 36.00, 3.66, 11.16
** --------------------------------------------------------------------
   LOCATION L0003394     VOLUME   519076.845 4262566.451 38.77
   LOCATION L0003395     VOLUME   519075.425 4262590.409 38.73
   LOCATION L0003396     VOLUME   519074.005 4262614.367 38.28
   LOCATION L0003397     VOLUME   519072.586 4262638.325 38.00
   LOCATION L0003398     VOLUME   519069.634 4262661.965 38.00
   LOCATION L0003399     VOLUME   519061.403 4262684.510 38.00
   LOCATION L0003400     VOLUME   519051.482 4262706.065 38.00
   LOCATION L0003401     VOLUME   519035.863 4262724.287 38.00
   LOCATION L0003402     VOLUME   519018.727 4262740.718 38.00
   LOCATION L0003403     VOLUME   518998.181 4262753.123 38.00
   LOCATION L0003404     VOLUME   518976.641 4262763.404 37.43
   LOCATION L0003405     VOLUME   518953.958 4262771.245 37.00
   LOCATION L0003406     VOLUME   518931.275 4262779.086 37.00
   LOCATION L0003407     VOLUME   518909.545 4262789.245 37.00
   LOCATION L0003408     VOLUME   518887.904 4262799.621 37.00
   LOCATION L0003409     VOLUME   518866.661 4262810.757 37.00
   LOCATION L0003410     VOLUME   518845.808 4262822.638 37.00
   LOCATION L0003411     VOLUME   518824.955 4262834.520 37.00
   LOCATION L0003412     VOLUME   518805.005 4262847.780 37.00
   LOCATION L0003413     VOLUME   518785.766 4262862.128 37.00
   LOCATION L0003414     VOLUME   518766.734 4262876.742 37.00
   LOCATION L0003415     VOLUME   518748.057 4262891.815 37.00
   LOCATION L0003416     VOLUME   518729.702 4262907.245 37.00
   LOCATION L0003417     VOLUME   518712.731 4262924.216 36.67
   LOCATION L0003418     VOLUME   518695.761 4262941.186 36.07
   LOCATION L0003419     VOLUME   518678.135 4262957.340 36.00
** End of LINE VOLUME Source ID = HAUL1B
** --------------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL2A
** DESCRSRC Shiolh rd from New Access to101
** PREFIX
** Length of Side = 18.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 5
** 517670.002, 4264174.810, 32.26, 3.66, 16.74
** 517807.150, 4264171.239, 33.00, 3.66, 16.74
** 518070.018, 4264174.096, 34.22, 3.66, 16.74
** 518247.167, 4264178.382, 36.82, 3.66, 16.74
** 518294.312, 4264179.810, 36.23, 3.66, 16.74
** --------------------------------------------------------------------
   LOCATION L0003420     VOLUME   517678.999 4264174.576 32.33
   LOCATION L0003421     VOLUME   517714.987 4264173.639 32.00
   LOCATION L0003422     VOLUME   517750.975 4264172.701 32.27
   LOCATION L0003423     VOLUME   517786.962 4264171.764 32.89
   LOCATION L0003424     VOLUME   517822.955 4264171.410 33.00
   LOCATION L0003425     VOLUME   517858.953 4264171.802 33.00
   LOCATION L0003426     VOLUME   517894.950 4264172.193 33.00
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   LOCATION L0003427     VOLUME   517930.948 4264172.584 33.00
   LOCATION L0003428     VOLUME   517966.946 4264172.975 33.00
   LOCATION L0003429     VOLUME   518002.944 4264173.367 33.00
   LOCATION L0003430     VOLUME   518038.942 4264173.758 34.00
   LOCATION L0003431     VOLUME   518074.939 4264174.215 34.22
   LOCATION L0003432     VOLUME   518110.928 4264175.086 34.84
   LOCATION L0003433     VOLUME   518146.918 4264175.956 35.78
   LOCATION L0003434     VOLUME   518182.907 4264176.827 36.65
   LOCATION L0003435     VOLUME   518218.897 4264177.698 36.12
   LOCATION L0003436     VOLUME   518254.885 4264178.616 36.73
   LOCATION L0003437     VOLUME   518290.868 4264179.706 36.33
** End of LINE VOLUME Source ID = HAUL2A
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = HAUL3
** DESCRSRC Onsite Haul
** PREFIX
** Length of Side = 6.10
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 4
** 518708.858, 4263282.205, 37.00, 3.66, 5.67
** 518604.858, 4263445.047, 36.00, 3.66, 5.67
** 518495.384, 4263579.152, 36.00, 3.66, 5.67
** 518451.595, 4263613.363, 36.00, 3.66, 5.67
** ----------------------------------------------------------------
   LOCATION L0003438     VOLUME   518707.217 4263284.774 37.00
   LOCATION L0003439     VOLUME   518700.655 4263295.049 37.00
   LOCATION L0003440     VOLUME   518694.093 4263305.324 37.00
   LOCATION L0003441     VOLUME   518687.530 4263315.600 36.80
   LOCATION L0003442     VOLUME   518680.968 4263325.875 36.40
   LOCATION L0003443     VOLUME   518674.406 4263336.150 36.13
   LOCATION L0003444     VOLUME   518667.843 4263346.425 36.00
   LOCATION L0003445     VOLUME   518661.281 4263356.701 36.00
   LOCATION L0003446     VOLUME   518654.719 4263366.976 36.00
   LOCATION L0003447     VOLUME   518648.156 4263377.251 36.00
   LOCATION L0003448     VOLUME   518641.594 4263387.526 36.00
   LOCATION L0003449     VOLUME   518635.032 4263397.801 36.00
   LOCATION L0003450     VOLUME   518628.469 4263408.077 36.00
   LOCATION L0003451     VOLUME   518621.907 4263418.352 36.00
   LOCATION L0003452     VOLUME   518615.345 4263428.627 36.00
   LOCATION L0003453     VOLUME   518608.782 4263438.902 36.00
   LOCATION L0003454     VOLUME   518601.759 4263448.844 36.00
   LOCATION L0003455     VOLUME   518594.049 4263458.288 36.00
   LOCATION L0003456     VOLUME   518586.339 4263467.733 36.00
   LOCATION L0003457     VOLUME   518578.629 4263477.178 36.00
   LOCATION L0003458     VOLUME   518570.919 4263486.622 36.00
   LOCATION L0003459     VOLUME   518563.209 4263496.067 36.00
   LOCATION L0003460     VOLUME   518555.499 4263505.512 36.00
   LOCATION L0003461     VOLUME   518547.789 4263514.956 36.00
   LOCATION L0003462     VOLUME   518540.079 4263524.401 36.00
   LOCATION L0003463     VOLUME   518532.369 4263533.846 36.00
   LOCATION L0003464     VOLUME   518524.659 4263543.290 36.00
   LOCATION L0003465     VOLUME   518516.949 4263552.735 36.00
   LOCATION L0003466     VOLUME   518509.239 4263562.180 36.00
   LOCATION L0003467     VOLUME   518501.529 4263571.624 36.00
   LOCATION L0003468     VOLUME   518493.434 4263580.676 36.00
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   LOCATION L0003469     VOLUME   518483.827 4263588.182 36.00
   LOCATION L0003470     VOLUME   518474.219 4263595.688 36.00
   LOCATION L0003471     VOLUME   518464.612 4263603.193 36.00
   LOCATION L0003472     VOLUME   518455.004 4263610.699 36.00
** End of LINE VOLUME Source ID = HAUL3
** ----------------------------------------------------------------
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = BCAC
** DESCRSRC building construction, and AC
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 26
** 518529.595, 4263696.836, 36.00, 3.66, 11.34
** 518476.227, 4263665.363, 36.00, 3.66, 11.34
** 518551.490, 4263554.521, 36.00, 3.66, 11.34
** 518459.806, 4263481.994, 36.00, 3.66, 11.34
** 518558.332, 4263316.416, 36.00, 3.66, 11.34
** 518637.700, 4263362.942, 36.00, 3.66, 11.34
** 518706.121, 4263338.310, 36.50, 3.66, 11.34
** 518767.700, 4263386.205, 37.00, 3.66, 11.34
** 518536.437, 4263689.994, 36.00, 3.66, 11.34
** 518509.069, 4263662.626, 36.00, 3.66, 11.34
** 518587.069, 4263543.573, 36.00, 3.66, 11.34
** 518489.911, 4263472.415, 36.00, 3.66, 11.34
** 518563.805, 4263346.521, 36.00, 3.66, 11.34
** 518624.016, 4263380.731, 36.00, 3.66, 11.34
** 518697.911, 4263377.994, 36.03, 3.66, 11.34
** 518725.279, 4263401.258, 36.07, 3.66, 11.34
** 518540.542, 4263672.205, 36.00, 3.66, 11.34
** 518533.700, 4263657.152, 36.00, 3.66, 11.34
** 518619.911, 4263521.678, 36.00, 3.66, 11.34
** 518522.753, 4263462.836, 36.00, 3.66, 11.34
** 518547.384, 4263417.679, 36.00, 3.66, 11.34
** 518632.226, 4263480.626, 36.00, 3.66, 11.34
** 518666.437, 4263446.415, 36.00, 3.66, 11.34
** 518562.437, 4263395.784, 36.00, 3.66, 11.34
** 518573.384, 4263383.468, 36.00, 3.66, 11.34
** 518688.332, 4263413.573, 36.00, 3.66, 11.34
** ----------------------------------------------------------------
   LOCATION L0003473     VOLUME   518524.344 4263693.739 36.00
   LOCATION L0003474     VOLUME   518503.341 4263681.353 36.00
   LOCATION L0003475     VOLUME   518482.337 4263668.966 36.00
   LOCATION L0003476     VOLUME   518485.939 4263651.058 36.00
   LOCATION L0003477     VOLUME   518499.637 4263630.885 36.00
   LOCATION L0003478     VOLUME   518513.335 4263610.712 36.00
   LOCATION L0003479     VOLUME   518527.033 4263590.539 36.00
   LOCATION L0003480     VOLUME   518540.730 4263570.366 36.00
   LOCATION L0003481     VOLUME   518547.387 4263551.275 36.00
   LOCATION L0003482     VOLUME   518528.263 4263536.147 36.00
   LOCATION L0003483     VOLUME   518509.139 4263521.020 36.00
   LOCATION L0003484     VOLUME   518490.015 4263505.892 36.00
   LOCATION L0003485     VOLUME   518470.891 4263490.764 36.00
   LOCATION L0003486     VOLUME   518465.046 4263473.187 36.00
   LOCATION L0003487     VOLUME   518477.515 4263452.232 36.00
   LOCATION L0003488     VOLUME   518489.984 4263431.277 36.00
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LOCATION L0003489     VOLUME   518502.453 4263410.322 36.00
LOCATION L0003490     VOLUME   518514.922 4263389.367 36.00
LOCATION L0003491     VOLUME   518527.391 4263368.413 36.00
LOCATION L0003492     VOLUME   518539.860 4263347.458 36.00
LOCATION L0003493     VOLUME   518552.329 4263326.503 36.00
LOCATION L0003494     VOLUME   518569.241 4263322.811 36.00
LOCATION L0003495     VOLUME   518590.277 4263335.142 36.00
LOCATION L0003496     VOLUME   518611.313 4263347.474 36.00
LOCATION L0003497     VOLUME   518632.349 4263359.805 36.00
LOCATION L0003498     VOLUME   518654.807 4263356.783 36.00
LOCATION L0003499     VOLUME   518677.750 4263348.524 36.00
LOCATION L0003500     VOLUME   518700.692 4263340.265 36.40
LOCATION L0003501     VOLUME   518720.814 4263349.738 36.91
LOCATION L0003502     VOLUME   518740.062 4263364.708 37.00
LOCATION L0003503     VOLUME   518759.309 4263379.679 37.00
LOCATION L0003504     VOLUME   518759.369 4263397.149 37.00
LOCATION L0003505     VOLUME   518744.599 4263416.551 36.70
LOCATION L0003506     VOLUME   518729.829 4263435.952 36.21
LOCATION L0003507     VOLUME   518715.059 4263455.354 36.00
LOCATION L0003508     VOLUME   518700.289 4263474.756 36.00
LOCATION L0003509     VOLUME   518685.520 4263494.158 36.00
LOCATION L0003510     VOLUME   518670.750 4263513.560 36.00
LOCATION L0003511     VOLUME   518655.980 4263532.961 36.00
LOCATION L0003512     VOLUME   518641.210 4263552.363 36.00
LOCATION L0003513     VOLUME   518626.440 4263571.765 36.00
LOCATION L0003514     VOLUME   518611.670 4263591.167 36.00
LOCATION L0003515     VOLUME   518596.900 4263610.569 36.00
LOCATION L0003516     VOLUME   518582.131 4263629.971 36.00
LOCATION L0003517     VOLUME   518567.361 4263649.372 36.00
LOCATION L0003518     VOLUME   518552.591 4263668.774 36.00
LOCATION L0003519     VOLUME   518537.821 4263688.176 36.00
LOCATION L0003520     VOLUME   518520.811 4263674.368 36.00
LOCATION L0003521     VOLUME   518513.331 4263656.119 36.00
LOCATION L0003522     VOLUME   518526.694 4263635.723 36.00
LOCATION L0003523     VOLUME   518540.058 4263615.327 36.00
LOCATION L0003524     VOLUME   518553.421 4263594.931 36.00
LOCATION L0003525     VOLUME   518566.784 4263574.534 36.00
LOCATION L0003526     VOLUME   518580.147 4263554.138 36.00
LOCATION L0003527     VOLUME   518577.586 4263536.628 36.00
LOCATION L0003528     VOLUME   518557.914 4263522.221 36.00
LOCATION L0003529     VOLUME   518538.242 4263507.813 36.00
LOCATION L0003530     VOLUME   518518.570 4263493.405 36.00
LOCATION L0003531     VOLUME   518498.897 4263478.997 36.00
LOCATION L0003532     VOLUME   518496.615 4263460.993 36.00
LOCATION L0003533     VOLUME   518508.959 4263439.964 36.00
LOCATION L0003534     VOLUME   518521.302 4263418.934 36.00
LOCATION L0003535     VOLUME   518533.645 4263397.905 36.00
LOCATION L0003536     VOLUME   518545.988 4263376.876 36.00
LOCATION L0003537     VOLUME   518558.331 4263355.847 36.00
LOCATION L0003538     VOLUME   518575.604 4263353.224 36.00
LOCATION L0003539     VOLUME   518596.805 4263365.270 36.00
LOCATION L0003540     VOLUME   518618.006 4263377.316 36.00
LOCATION L0003541     VOLUME   518641.475 4263380.085 36.00
LOCATION L0003542     VOLUME   518665.842 4263379.182 36.00
LOCATION L0003543     VOLUME   518690.210 4263378.280 36.00
LOCATION L0003544     VOLUME   518710.618 4263388.796 36.34
LOCATION L0003545     VOLUME   518722.382 4263405.506 36.04
LOCATION L0003546     VOLUME   518708.646 4263425.653 36.00
LOCATION L0003547     VOLUME   518694.909 4263445.800 36.00
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   LOCATION L0003548     VOLUME   518681.173 4263465.947 36.00
   LOCATION L0003549     VOLUME   518667.436 4263486.093 36.00
   LOCATION L0003550     VOLUME   518653.700 4263506.240 36.00
   LOCATION L0003551     VOLUME   518639.964 4263526.387 36.00
   LOCATION L0003552     VOLUME   518626.227 4263546.533 36.00
   LOCATION L0003553     VOLUME   518612.491 4263566.680 36.00
   LOCATION L0003554     VOLUME   518598.754 4263586.827 36.00
   LOCATION L0003555     VOLUME   518585.018 4263606.974 36.00
   LOCATION L0003556     VOLUME   518571.282 4263627.120 36.00
   LOCATION L0003557     VOLUME   518557.545 4263647.267 36.00
   LOCATION L0003558     VOLUME   518543.809 4263667.414 36.00
   LOCATION L0003559     VOLUME   518534.801 4263655.422 36.00
   LOCATION L0003560     VOLUME   518547.892 4263634.850 36.00
   LOCATION L0003561     VOLUME   518560.984 4263614.278 36.00
   LOCATION L0003562     VOLUME   518574.075 4263593.706 36.00
   LOCATION L0003563     VOLUME   518587.166 4263573.134 36.00
   LOCATION L0003564     VOLUME   518600.257 4263552.562 36.00
   LOCATION L0003565     VOLUME   518613.348 4263531.991 36.00
   LOCATION L0003566     VOLUME   518609.509 4263515.379 36.00
   LOCATION L0003567     VOLUME   518588.652 4263502.747 36.00
   LOCATION L0003568     VOLUME   518567.795 4263490.115 36.00
   LOCATION L0003569     VOLUME   518546.937 4263477.483 36.00
   LOCATION L0003570     VOLUME   518526.080 4263464.852 36.00
   LOCATION L0003571     VOLUME   518532.566 4263444.845 36.00
   LOCATION L0003572     VOLUME   518544.243 4263423.438 36.00
   LOCATION L0003573     VOLUME   518561.698 4263428.298 36.00
   LOCATION L0003574     VOLUME   518581.281 4263442.828 36.00
   LOCATION L0003575     VOLUME   518600.864 4263457.357 36.00
   LOCATION L0003576     VOLUME   518620.446 4263471.886 36.00
   LOCATION L0003577     VOLUME   518639.096 4263473.756 36.00
   LOCATION L0003578     VOLUME   518656.339 4263456.514 36.00
   LOCATION L0003579     VOLUME   518657.353 4263441.993 36.00
   LOCATION L0003580     VOLUME   518635.430 4263431.320 36.00
   LOCATION L0003581     VOLUME   518613.506 4263420.646 36.00
   LOCATION L0003582     VOLUME   518591.582 4263409.973 36.00
   LOCATION L0003583     VOLUME   518569.658 4263399.299 36.00
   LOCATION L0003584     VOLUME   518573.301 4263383.562 36.00
   LOCATION L0003585     VOLUME   518596.852 4263389.614 36.00
   LOCATION L0003586     VOLUME   518620.440 4263395.792 36.00
   LOCATION L0003587     VOLUME   518644.029 4263401.970 36.00
   LOCATION L0003588     VOLUME   518667.617 4263408.148 36.00
** End of LINE VOLUME Source ID = BCAC
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = FOUND
** DESCRSRC Foundation
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 26
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   LOCATION L0003840     VOLUME   518540.730 4263570.366 36.00
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   LOCATION L0003842     VOLUME   518528.263 4263536.147 36.00
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   LOCATION L0003846     VOLUME   518465.046 4263473.187 36.00
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   LOCATION L0003857     VOLUME   518632.349 4263359.805 36.00
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   LOCATION L0003859     VOLUME   518677.750 4263348.524 36.00
   LOCATION L0003860     VOLUME   518700.692 4263340.265 36.40
   LOCATION L0003861     VOLUME   518720.814 4263349.738 36.91
   LOCATION L0003862     VOLUME   518740.062 4263364.708 37.00
   LOCATION L0003863     VOLUME   518759.309 4263379.679 37.00
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   LOCATION L0003868     VOLUME   518700.289 4263474.756 36.00
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   LOCATION L0003870     VOLUME   518670.750 4263513.560 36.00
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LOCATION L0003881     VOLUME   518513.331 4263656.119 36.00
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LOCATION L0003895     VOLUME   518533.645 4263397.905 36.00
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LOCATION L0003902     VOLUME   518665.842 4263379.182 36.00
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LOCATION L0003905     VOLUME   518722.382 4263405.506 36.04
LOCATION L0003906     VOLUME   518708.646 4263425.653 36.00
LOCATION L0003907     VOLUME   518694.909 4263445.800 36.00
LOCATION L0003908     VOLUME   518681.173 4263465.947 36.00
LOCATION L0003909     VOLUME   518667.436 4263486.093 36.00
LOCATION L0003910     VOLUME   518653.700 4263506.240 36.00
LOCATION L0003911     VOLUME   518639.964 4263526.387 36.00
LOCATION L0003912     VOLUME   518626.227 4263546.533 36.00
LOCATION L0003913     VOLUME   518612.491 4263566.680 36.00
LOCATION L0003914     VOLUME   518598.754 4263586.827 36.00
LOCATION L0003915     VOLUME   518585.018 4263606.974 36.00
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LOCATION L0003917     VOLUME   518557.545 4263647.267 36.00
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LOCATION L0003919     VOLUME   518534.801 4263655.422 36.00
LOCATION L0003920     VOLUME   518547.892 4263634.850 36.00
LOCATION L0003921     VOLUME   518560.984 4263614.278 36.00
LOCATION L0003922     VOLUME   518574.075 4263593.706 36.00
LOCATION L0003923     VOLUME   518587.166 4263573.134 36.00
LOCATION L0003924     VOLUME   518600.257 4263552.562 36.00
LOCATION L0003925     VOLUME   518613.348 4263531.991 36.00
LOCATION L0003926     VOLUME   518609.509 4263515.379 36.00
LOCATION L0003927     VOLUME   518588.652 4263502.747 36.00
LOCATION L0003928     VOLUME   518567.795 4263490.115 36.00
LOCATION L0003929     VOLUME   518546.937 4263477.483 36.00
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   LOCATION L0003931     VOLUME   518532.566 4263444.845 36.00
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   LOCATION L0003935     VOLUME   518600.864 4263457.357 36.00
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   LOCATION L0003937     VOLUME   518639.096 4263473.756 36.00
   LOCATION L0003938     VOLUME   518656.339 4263456.514 36.00
   LOCATION L0003939     VOLUME   518657.353 4263441.993 36.00
   LOCATION L0003940     VOLUME   518635.430 4263431.320 36.00
   LOCATION L0003941     VOLUME   518613.506 4263420.646 36.00
   LOCATION L0003942     VOLUME   518591.582 4263409.973 36.00
   LOCATION L0003943     VOLUME   518569.658 4263399.299 36.00
   LOCATION L0003944     VOLUME   518573.301 4263383.562 36.00
   LOCATION L0003945     VOLUME   518596.852 4263389.614 36.00
   LOCATION L0003946     VOLUME   518620.440 4263395.792 36.00
   LOCATION L0003947     VOLUME   518644.029 4263401.970 36.00
   LOCATION L0003948     VOLUME   518667.617 4263408.148 36.00
** End of LINE VOLUME Source ID = FOUND
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** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = PAV
** DESCRSRC Onsite Paving
** PREFIX
** Length of Side = 12.19
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 54
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   LOCATION L0003591     VOLUME   518468.893 4263697.877 36.00
   LOCATION L0003592     VOLUME   518460.287 4263707.812 36.00
   LOCATION L0003593     VOLUME   518458.855 4263732.154 36.00
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LOCATION L0003625     VOLUME   518778.428 4263340.216 37.00
LOCATION L0003626     VOLUME   518763.043 4263355.868 37.00
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LOCATION L0003629     VOLUME   518774.123 4263309.408 37.00
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LOCATION L0003632     VOLUME   518729.214 4263317.489 37.00
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LOCATION L0003636     VOLUME   518647.588 4263292.247 36.00
LOCATION L0003637     VOLUME   518623.229 4263291.282 36.00
LOCATION L0003638     VOLUME   518598.854 4263290.623 36.00
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LOCATION L0003661     VOLUME   518630.108 4263309.772 36.00
LOCATION L0003662     VOLUME   518654.371 4263312.198 36.00
LOCATION L0003663     VOLUME   518678.634 4263314.625 36.50
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   LOCATION L0003686     VOLUME   518510.245 4263602.437 36.00
   LOCATION L0003687     VOLUME   518496.133 4263622.322 36.00
   LOCATION L0003688     VOLUME   518481.479 4263639.864 36.00
   LOCATION L0003689     VOLUME   518473.275 4263625.158 36.00
   LOCATION L0003690     VOLUME   518487.448 4263605.315 36.00
   LOCATION L0003691     VOLUME   518501.621 4263585.473 36.00
   LOCATION L0003692     VOLUME   518515.794 4263565.631 36.00
   LOCATION L0003693     VOLUME   518497.936 4263549.290 36.00
   LOCATION L0003694     VOLUME   518481.053 4263531.787 36.00
   LOCATION L0003695     VOLUME   518465.507 4263513.001 36.00
   LOCATION L0003696     VOLUME   518455.700 4263492.149 36.00
   LOCATION L0003697     VOLUME   518455.700 4263467.765 36.00
   LOCATION L0003698     VOLUME   518455.700 4263443.381 36.00
   LOCATION L0003699     VOLUME   518455.700 4263418.997 36.00
   LOCATION L0003700     VOLUME   518446.052 4263411.624 36.00
   LOCATION L0003701     VOLUME   518445.706 4263436.005 36.00
   LOCATION L0003702     VOLUME   518445.360 4263460.387 36.00
   LOCATION L0003703     VOLUME   518445.014 4263484.768 36.00
   LOCATION L0003704     VOLUME   518444.669 4263509.150 36.00
   LOCATION L0003705     VOLUME   518444.323 4263533.531 36.00
   LOCATION L0003706     VOLUME   518443.977 4263557.913 36.00
   LOCATION L0003707     VOLUME   518443.631 4263582.294 36.00
   LOCATION L0003708     VOLUME   518443.101 4263606.671 36.00
   LOCATION L0003709     VOLUME   518442.113 4263631.035 36.00
   LOCATION L0003710     VOLUME   518441.126 4263655.399 36.00
   LOCATION L0003711     VOLUME   518440.138 4263679.763 36.00
   LOCATION L0003712     VOLUME   518439.231 4263704.129 36.00
   LOCATION L0003713     VOLUME   518438.862 4263728.510 36.00
   LOCATION L0003714     VOLUME   518438.492 4263752.892 36.00
   LOCATION L0003715     VOLUME   518438.123 4263777.273 35.82
   LOCATION L0003716     VOLUME   518446.939 4263796.416 35.78
** End of LINE VOLUME Source ID = PAV
** Source Parameters **
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   SRCPARAM L0003035     0.0061728395      3.66     11.34      3.40
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   SRCPARAM L0003037     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003038     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003039     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003040     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003041     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003042     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003043     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003044     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003045     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003046     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003047     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003048     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003049     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003050     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003051     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003053     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003055     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003060     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003061     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003062     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003063     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003065     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003066     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003067     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003068     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003071     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003072     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003073     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003101     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003103     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003104     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003107     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003119     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003120     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003121     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003162     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003164     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003165     0.0061728395      3.66     11.34      3.40
SRCPARAM L0003166     0.0061728395      3.66     11.34      3.40
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SRCPARAM L0003168     0.0061728395      3.66     11.34      3.40
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   SRCPARAM L0003169     0.0061728395      3.66     11.34      3.40
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   SRCPARAM L0003172     0.0061728395      3.66     11.34      3.40
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   SRCPARAM L0003180     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003181     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003182     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003183     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003184     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003185     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003186     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003187     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003188     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003189     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003190     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003191     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003192     0.0061728395      3.66     11.34      3.40
   SRCPARAM L0003193     0.0061728395      3.66     11.34      3.40
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   SRCPARAM L0003194     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003195     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003196     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003197     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003198     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003199     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003200     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003201     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003202     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003203     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003204     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003205     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003206     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003207     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003208     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003209     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003210     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003211     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003212     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003213     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003214     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003215     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003216     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003217     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003218     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003219     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003220     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003221     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003222     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003223     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003224     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003225     0.0212765957      3.66     11.34      3.40
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   SRCPARAM L0003226     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003227     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003228     0.0212765957      3.66     11.34      3.40
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   SRCPARAM L0003230     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003231     0.0212765957      3.66     11.34      3.40
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   SRCPARAM L0003233     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003234     0.0212765957      3.66     11.34      3.40
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   SRCPARAM L0003237     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003238     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003239     0.0212765957      3.66     11.34      3.40
   SRCPARAM L0003240     0.0212765957      3.66     11.34      3.40
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** LINE VOLUME Source ID = DGP2
   SRCPARAM L0003241     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003242     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003243     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003244     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003245     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003246     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003247     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003248     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003249     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003250     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003251     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003252     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003253     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003254     0.0714285714      3.66     11.16      3.40
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** LINE VOLUME Source ID = HAUL1C
   SRCPARAM L0003255     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003256     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003257     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003258     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003259     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003260     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003261     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003262     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003263     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003264     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003265     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003266     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003267     0.0714285714      3.66     11.16      3.40
   SRCPARAM L0003268     0.0714285714      3.66     11.16      3.40
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** LINE VOLUME Source ID = DGP3
   SRCPARAM L0003269     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003270     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003271     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003272     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003273     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003274     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003275     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003276     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003277     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003278     0.0526315789      3.66     11.16      3.40
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   SRCPARAM L0003279     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003280     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003281     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003282     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003283     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003284     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003285     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003286     0.0526315789      3.66     11.16      3.40
   SRCPARAM L0003287     0.0526315789      3.66     11.16      3.40
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL2B
   SRCPARAM L0003288     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003289     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003290     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003291     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003292     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003293     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003294     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003295     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003296     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003297     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003298     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003299     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003300     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003301     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003302     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003303     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003304     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003305     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003306     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003307     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003308     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003309     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003310     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003311     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003312     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003313     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003314     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003315     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003316     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003317     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003318     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003319     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003320     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003321     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003322     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003323     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003324     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003325     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003326     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003327     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003328     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003329     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003330     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003331     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003332     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003333     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003334     0.0208333333      3.66     11.16      3.40
   SRCPARAM L0003335     0.0208333333      3.66     11.16      3.40
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** ----------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE1
   SRCPARAM L0003336     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003337     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003338     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003339     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003340     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003341     0.1428571429      3.66      5.29      3.40
   SRCPARAM L0003342     0.1428571429      3.66      5.29      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE2
   SRCPARAM L0003343     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003344     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003345     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003346     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003347     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003348     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003349     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003350     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003351     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003352     0.0909090909      3.66      5.29      3.40
   SRCPARAM L0003353     0.0909090909      3.66      5.29      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE3
   SRCPARAM L0003354          0.25      3.66      4.08      3.40
   SRCPARAM L0003355          0.25      3.66      4.08      3.40
   SRCPARAM L0003356          0.25      3.66      4.08      3.40
   SRCPARAM L0003357          0.25      3.66      4.08      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE4
   SRCPARAM L0003358     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003359     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003360     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003361     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003362     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003363     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003364     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003365     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003366     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003367     0.0909090909      3.66      5.40      3.40
   SRCPARAM L0003368     0.0909090909      3.66      5.40      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = IDLE5
   SRCPARAM L0003369     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003370     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003371     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003372     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003373     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003374     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003375     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003376     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003377     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003378     0.0909090909      3.66      5.60      3.40
   SRCPARAM L0003379     0.0909090909      3.66      5.60      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL1A
   SRCPARAM L0003380     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003381     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003382     0.0714285714      3.66     16.74      3.40
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   SRCPARAM L0003383     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003384     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003385     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003386     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003387     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003388     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003389     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003390     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003391     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003392     0.0714285714      3.66     16.74      3.40
   SRCPARAM L0003393     0.0714285714      3.66     16.74      3.40
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL1B
   SRCPARAM L0003394     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003395     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003396     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003397     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003398     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003399     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003400     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003401     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003402     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003403     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003404     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003405     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003406     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003407     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003408     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003409     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003410     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003411     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003412     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003413     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003414     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003415     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003416     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003417     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003418     0.0384615385      3.66     11.16      3.40
   SRCPARAM L0003419     0.0384615385      3.66     11.16      3.40
** ------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL2A
   SRCPARAM L0003420     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003421     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003422     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003423     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003424     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003425     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003426     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003427     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003428     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003429     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003430     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003431     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003432     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003433     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003434     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003435     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003436     0.0555555556      3.66     16.74      3.40
   SRCPARAM L0003437     0.0555555556      3.66     16.74      3.40
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** ----------------------------------------------------------------------
** LINE VOLUME Source ID = HAUL3
   SRCPARAM L0003438     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003439     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003440     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003441     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003442     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003443     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003444     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003445     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003446     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003447     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003448     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003449     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003450     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003451     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003452     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003453     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003454     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003455     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003456     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003457     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003458     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003459     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003460     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003461     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003462     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003463     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003464     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003465     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003466     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003467     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003468     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003469     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003470     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003471     0.0285714286      3.66      5.67      3.40
   SRCPARAM L0003472     0.0285714286      3.66      5.67      3.40
** ----------------------------------------------------------------------
** LINE VOLUME Source ID = BCAC
   SRCPARAM L0003473     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003474     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003475     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003476     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003477     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003478     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003479     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003480     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003481     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003482     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003483     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003484     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003485     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003486     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003487     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003488     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003489     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003490     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003491     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003492     0.0086206897      3.66     11.34      3.40
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SRCPARAM L0003493     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003494     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003495     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003496     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003497     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003498     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003499     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003500     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003501     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003502     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003503     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003504     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003505     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003506     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003507     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003508     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003509     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003510     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003511     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003512     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003513     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003514     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003515     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003516     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003517     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003518     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003519     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003520     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003521     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003522     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003523     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003524     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003525     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003526     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003527     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003528     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003529     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003530     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003531     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003532     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003533     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003534     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003535     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003536     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003537     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003538     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003539     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003540     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003541     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003542     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003543     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003544     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003545     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003546     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003547     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003548     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003549     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003550     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003551     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003552     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003554     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003555     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003556     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003557     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003558     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003559     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003560     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003561     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003562     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003563     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003564     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003565     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003566     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003567     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003568     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003569     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003570     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003571     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003572     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003573     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003574     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003575     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003576     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003577     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003578     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003579     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003580     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003581     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003582     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003583     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003584     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003585     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003586     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003587     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003588     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003835     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003836     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003837     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003838     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003839     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003840     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003841     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003842     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003843     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003844     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003845     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003846     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003847     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003848     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003849     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003850     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003851     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003852     0.0086206897      3.66     11.34      3.40
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SRCPARAM L0003853     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003854     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003855     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003856     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003857     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003858     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003859     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003860     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003861     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003862     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003863     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003864     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003865     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003866     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003867     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003868     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003869     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003870     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003871     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003872     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003873     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003874     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003875     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003876     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003877     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003878     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003879     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003880     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003881     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003882     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003883     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003884     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003885     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003886     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003887     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003888     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003889     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003890     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003891     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003892     0.0086206897      3.66     11.34      3.40
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SRCPARAM L0003895     0.0086206897      3.66     11.34      3.40
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SRCPARAM L0003898     0.0086206897      3.66     11.34      3.40
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SRCPARAM L0003900     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003901     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003902     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003903     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003904     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003905     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003906     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003907     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003908     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003909     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003910     0.0086206897      3.66     11.34      3.40
SRCPARAM L0003911     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003912     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003913     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003915     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003917     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003918     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003919     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003920     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003921     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003922     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003923     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003928     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003929     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003930     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003931     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003932     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003933     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003934     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003936     0.0086206897      3.66     11.34      3.40
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   SRCPARAM L0003939     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003940     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003941     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003942     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003943     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003944     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003945     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003946     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003947     0.0086206897      3.66     11.34      3.40
   SRCPARAM L0003948     0.0086206897      3.66     11.34      3.40
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** LINE VOLUME Source ID = PAV
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   SRCPARAM L0003590     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003591     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003592     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003593     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003594     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003595     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003596     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003597     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003598     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003599     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003600     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003601     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003602     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003603     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003604     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003605     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003606     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003607     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003608     0.0078125      3.66     11.34      3.40
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SRCPARAM L0003609     0.0078125      3.66     11.34      3.40
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SRCPARAM L0003611     0.0078125      3.66     11.34      3.40
SRCPARAM L0003612     0.0078125      3.66     11.34      3.40
SRCPARAM L0003613     0.0078125      3.66     11.34      3.40
SRCPARAM L0003614     0.0078125      3.66     11.34      3.40
SRCPARAM L0003615     0.0078125      3.66     11.34      3.40
SRCPARAM L0003616     0.0078125      3.66     11.34      3.40
SRCPARAM L0003617     0.0078125      3.66     11.34      3.40
SRCPARAM L0003618     0.0078125      3.66     11.34      3.40
SRCPARAM L0003619     0.0078125      3.66     11.34      3.40
SRCPARAM L0003620     0.0078125      3.66     11.34      3.40
SRCPARAM L0003621     0.0078125      3.66     11.34      3.40
SRCPARAM L0003622     0.0078125      3.66     11.34      3.40
SRCPARAM L0003623     0.0078125      3.66     11.34      3.40
SRCPARAM L0003624     0.0078125      3.66     11.34      3.40
SRCPARAM L0003625     0.0078125      3.66     11.34      3.40
SRCPARAM L0003626     0.0078125      3.66     11.34      3.40
SRCPARAM L0003627     0.0078125      3.66     11.34      3.40
SRCPARAM L0003628     0.0078125      3.66     11.34      3.40
SRCPARAM L0003629     0.0078125      3.66     11.34      3.40
SRCPARAM L0003630     0.0078125      3.66     11.34      3.40
SRCPARAM L0003631     0.0078125      3.66     11.34      3.40
SRCPARAM L0003632     0.0078125      3.66     11.34      3.40
SRCPARAM L0003633     0.0078125      3.66     11.34      3.40
SRCPARAM L0003634     0.0078125      3.66     11.34      3.40
SRCPARAM L0003635     0.0078125      3.66     11.34      3.40
SRCPARAM L0003636     0.0078125      3.66     11.34      3.40
SRCPARAM L0003637     0.0078125      3.66     11.34      3.40
SRCPARAM L0003638     0.0078125      3.66     11.34      3.40
SRCPARAM L0003639     0.0078125      3.66     11.34      3.40
SRCPARAM L0003640     0.0078125      3.66     11.34      3.40
SRCPARAM L0003641     0.0078125      3.66     11.34      3.40
SRCPARAM L0003642     0.0078125      3.66     11.34      3.40
SRCPARAM L0003643     0.0078125      3.66     11.34      3.40
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SRCPARAM L0003650     0.0078125      3.66     11.34      3.40
SRCPARAM L0003651     0.0078125      3.66     11.34      3.40
SRCPARAM L0003652     0.0078125      3.66     11.34      3.40
SRCPARAM L0003653     0.0078125      3.66     11.34      3.40
SRCPARAM L0003654     0.0078125      3.66     11.34      3.40
SRCPARAM L0003655     0.0078125      3.66     11.34      3.40
SRCPARAM L0003656     0.0078125      3.66     11.34      3.40
SRCPARAM L0003657     0.0078125      3.66     11.34      3.40
SRCPARAM L0003658     0.0078125      3.66     11.34      3.40
SRCPARAM L0003659     0.0078125      3.66     11.34      3.40
SRCPARAM L0003660     0.0078125      3.66     11.34      3.40
SRCPARAM L0003661     0.0078125      3.66     11.34      3.40
SRCPARAM L0003662     0.0078125      3.66     11.34      3.40
SRCPARAM L0003663     0.0078125      3.66     11.34      3.40
SRCPARAM L0003664     0.0078125      3.66     11.34      3.40
SRCPARAM L0003665     0.0078125      3.66     11.34      3.40
SRCPARAM L0003666     0.0078125      3.66     11.34      3.40
SRCPARAM L0003667     0.0078125      3.66     11.34      3.40
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   SRCPARAM L0003669     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003670     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003671     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003672     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003673     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003674     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003675     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003676     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003677     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003678     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003679     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003680     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003681     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003682     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003683     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003684     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003685     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003686     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003687     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003688     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003689     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003690     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003691     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003692     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003693     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003694     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003695     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003696     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003697     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003698     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003699     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003700     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003701     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003702     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003703     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003704     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003705     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003706     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003707     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003708     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003709     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003710     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003711     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003712     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003713     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003714     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003715     0.0078125      3.66     11.34      3.40
   SRCPARAM L0003716     0.0078125      3.66     11.34      3.40
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Con Foundation"
** WeekDays:
   EMISFACT L0003833     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003833     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003833     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003833     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003834     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003834     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003834     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003834     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003835     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003835     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003835     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003835     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003836     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003836     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003836     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003836     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003837     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003837     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003837     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003838     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003838     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003838     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003838     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003839     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003839     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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EMISFACT L0003840     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003840     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003840     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003846     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003848     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003848     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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EMISFACT L0003878     HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003911     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003911     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003911     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003911     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003912     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003912     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003912     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003912     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003913     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003913     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003913     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003913     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003922     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003931     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003932     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003934     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003934     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003934     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003934     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003935     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003935     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003935     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003935     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003936     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003936     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003936     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003936     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003937     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003937     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003937     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003937     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003938     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003938     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003938     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003938     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003939     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003939     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003939     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003939     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003940     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003940     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003940     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003940     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003942     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003943     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003944     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003945     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003946     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003947     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003948     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Con Res"
** WeekDays:
   EMISFACT L0003473     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003473     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003474     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003474     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003475     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003475     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003476     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003476     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003477     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003477     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003478     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003478     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003478     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003479     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003479     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003479     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003480     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003480     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003480     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003481     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003481     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003481     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003482     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003482     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003482     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003483     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003483     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003483     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003484     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003484     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003484     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003485     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003485     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003486     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003486     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003486     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003487     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003487     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003487     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003488     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003488     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003488     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003489     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003489     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003489     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003490     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003490     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003490     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003491     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003491     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003491     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003492     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003492     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003492     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003493     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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EMISFACT L0003493     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003493     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003494     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003494     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003495     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003495     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003495     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003496     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003496     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003496     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0003582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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   EMISFACT L0003195     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0003234     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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** Saturday:
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   EMISFACT L0003199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003201     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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EMISFACT L0003218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003233     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003233     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003233     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003233     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003234     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003234     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003234     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003234     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003235     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003235     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003235     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003235     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003236     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003236     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003236     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003236     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003237     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003238     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003239     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003240     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003241     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003242     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003243     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003244     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003245     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003246     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003247     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003248     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003249     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003250     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003251     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003252     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003253     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003254     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003241     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003242     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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   EMISFACT L0003243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003243     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003244     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003245     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003246     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003247     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003248     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003249     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003250     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003251     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003252     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003253     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003254     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003241     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003243     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003244     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003245     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003246     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003247     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003248     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003249     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003250     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003251     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003252     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003253     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003254     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003269     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003270     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003271     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
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EMISFACT L0003272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003272     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003273     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003274     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003274     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003275     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003276     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003277     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003278     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003279     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003279     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003280     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003280     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003281     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003281     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003282     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003282     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003283     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003283     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003284     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003284     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003285     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003285     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
EMISFACT L0003286     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0003286     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003287     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003287     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003269     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003270     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003271     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003272     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003272     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003273     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003274     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003274     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003275     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003275     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003276     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003277     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003278     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003279     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003279     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003280     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003280     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003281     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003281     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003282     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0003282     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003283     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003283     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003284     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003284     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003285     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003285     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003286     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003286     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003287     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003287     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003269     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003270     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003271     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003272     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003273     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003275     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003276     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003277     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003281     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003282     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003032     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
   EMISFACT L0003032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0003033     HRDOW 0.0 0.0 0.0 0.0 1.0 1.0
   EMISFACT L0003033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0003033     HRDOW 1.0 1.0 1.0 1.0 1.0 0.0
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SRCGROUP SPG      L0003080 L0003081 L0003082 L0003083 L0003084 L0003085
SRCGROUP SPG      L0003086 L0003087 L0003088 L0003089 L0003090 L0003091
SRCGROUP SPG      L0003092 L0003093 L0003094 L0003095 L0003096 L0003097
SRCGROUP SPG      L0003098 L0003099 L0003100 L0003101 L0003102 L0003103
SRCGROUP SPG      L0003104 L0003105 L0003106 L0003107 L0003108 L0003109
SRCGROUP SPG      L0003110 L0003111 L0003112 L0003113 L0003114 L0003115
SRCGROUP SPG      L0003116 L0003117 L0003118 L0003119 L0003120 L0003121
SRCGROUP SPG      L0003122 L0003123 L0003124 L0003125 L0003126 L0003127
SRCGROUP SPG      L0003128 L0003129 L0003130 L0003131 L0003132 L0003133
SRCGROUP SPG      L0003134 L0003135 L0003136 L0003137 L0003138 L0003139
SRCGROUP SPG      L0003140 L0003141 L0003142 L0003143 L0003144 L0003145
SRCGROUP SPG      L0003146 L0003147 L0003148 L0003149 L0003150 L0003151
SRCGROUP SPG      L0003152 L0003153 L0003154 L0003155 L0003156 L0003157
SRCGROUP SPG      L0003158 L0003159 L0003160 L0003161 L0003162 L0003163
SRCGROUP SPG      L0003164 L0003165 L0003166 L0003167 L0003168 L0003169
SRCGROUP SPG      L0003170 L0003171 L0003172 L0003173 L0003174 L0003175
SRCGROUP SPG      L0003176 L0003177 L0003178 L0003179 L0003180 L0003181
SRCGROUP SPG      L0003182 L0003183 L0003184 L0003185 L0003186 L0003187
SRCGROUP SPG      L0003188 L0003189 L0003190 L0003191 L0003192 L0003193
SRCGROUP FOUND    L0003833 L0003834 L0003835 L0003836 L0003837 L0003838
SRCGROUP FOUND    L0003839 L0003840 L0003841 L0003842 L0003843 L0003844
SRCGROUP FOUND    L0003845 L0003846 L0003847 L0003848 L0003849 L0003850
SRCGROUP FOUND    L0003851 L0003852 L0003853 L0003854 L0003855 L0003856
SRCGROUP FOUND    L0003857 L0003858 L0003859 L0003860 L0003861 L0003862
SRCGROUP FOUND    L0003863 L0003864 L0003865 L0003866 L0003867 L0003868
SRCGROUP FOUND    L0003869 L0003870 L0003871 L0003872 L0003873 L0003874
SRCGROUP FOUND    L0003875 L0003876 L0003877 L0003878 L0003879 L0003880
SRCGROUP FOUND    L0003881 L0003882 L0003883 L0003884 L0003885 L0003886
SRCGROUP FOUND    L0003887 L0003888 L0003889 L0003890 L0003891 L0003892
SRCGROUP FOUND    L0003893 L0003894 L0003895 L0003896 L0003897 L0003898
```

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   SRCGROUP FOUND    L0003899 L0003900 L0003901 L0003902 L0003903 L0003904
   SRCGROUP FOUND    L0003905 L0003906 L0003907 L0003908 L0003909 L0003910
   SRCGROUP FOUND    L0003911 L0003912 L0003913 L0003914 L0003915 L0003916
   SRCGROUP FOUND    L0003917 L0003918 L0003919 L0003920 L0003921 L0003922
   SRCGROUP FOUND    L0003923 L0003924 L0003925 L0003926 L0003927 L0003928
   SRCGROUP FOUND    L0003929 L0003930 L0003931 L0003932 L0003933 L0003934
   SRCGROUP FOUND    L0003935 L0003936 L0003937 L0003938 L0003939 L0003940
   SRCGROUP FOUND    L0003941 L0003942 L0003943 L0003944 L0003945 L0003946
   SRCGROUP FOUND    L0003947 L0003948
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Shiloh Business Park.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE "Met\Shiloh Business Park.SFC"
   PROFFILE "Met\Shiloh Business Park.PFL"
   SURFDATA 23213 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 34.7 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "Shiloh Business Park.AD\PE00GALL.PLT" 31
   PLOTFILE PERIOD BCAC "Shiloh Business Park.AD\PE00G001.PLT" 32
   PLOTFILE PERIOD DEMO1 "Shiloh Business Park.AD\PE00G002.PLT" 33
   PLOTFILE PERIOD DGP2 "Shiloh Business Park.AD\PE00G003.PLT" 34
   PLOTFILE PERIOD DGP3 "Shiloh Business Park.AD\PE00G004.PLT" 35
   PLOTFILE PERIOD HAUL1A "Shiloh Business Park.AD\PE00G005.PLT" 36
   PLOTFILE PERIOD HAUL1B "Shiloh Business Park.AD\PE00G006.PLT" 37
   PLOTFILE PERIOD HAUL1C "Shiloh Business Park.AD\PE00G007.PLT" 38
   PLOTFILE PERIOD HAUL2A "Shiloh Business Park.AD\PE00G008.PLT" 39
   PLOTFILE PERIOD HAUL2B "Shiloh Business Park.AD\PE00G009.PLT" 40
   PLOTFILE PERIOD HAUL3 "Shiloh Business Park.AD\PE00G010.PLT" 41
   PLOTFILE PERIOD IDLE1 "Shiloh Business Park.AD\PE00G011.PLT" 42
   PLOTFILE PERIOD IDLE2 "Shiloh Business Park.AD\PE00G012.PLT" 43
   PLOTFILE PERIOD IDLE3 "Shiloh Business Park.AD\PE00G013.PLT" 44
   PLOTFILE PERIOD IDLE4 "Shiloh Business Park.AD\PE00G014.PLT" 45
   PLOTFILE PERIOD IDLE5 "Shiloh Business Park.AD\PE00G015.PLT" 46
   PLOTFILE PERIOD PAV "Shiloh Business Park.AD\PE00G016.PLT" 47
   PLOTFILE PERIOD SPG "Shiloh Business Park.AD\PE00G017.PLT" 48
```

```
   PLOTFILE PERIOD FOUND "Shiloh Business Park.AD\PE00G018.PLT" 49
   SUMMFILE "Shiloh Business Park.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    9532       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
0.50
 ME W187    9532       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 *********************************
 *** SETUP Finishes Successfully ***
 *********************************
```

```
 *** AERMOD - VERSION 22112  ***   *** C:\Lakes\Project Files\Shiloh Business
Park\Shiloh Business Park.isc ***        07/28/23
 *** AERMET - VERSION  18081 ***   ***
***        03:30:25

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY
***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   801 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    485887.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    801 Source(s);      19 Source Group(s); and     283
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    801 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

```
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    34.70 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.5 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   Shiloh Business Park.err
 **File for Summary of Results:   Shiloh Business Park.sum
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003032	0	0.61728E-02	518369.0	4263920.4	35.0	3.66	11.34	3.40	YES	HRDOW
L0003033	0	0.61728E-02	518382.2	4263899.9	35.0	3.66	11.34	3.40	YES	HRDOW
L0003034	0	0.61728E-02	518395.4	4263879.4	35.0	3.66	11.34	3.40	YES	HRDOW
L0003035	0	0.61728E-02	518408.6	4263858.9	35.0	3.66	11.34	3.40	YES	HRDOW
L0003036	0	0.61728E-02	518421.9	4263838.4	35.0	3.66	11.34	3.40	YES	HRDOW
L0003037	0	0.61728E-02	518435.1	4263817.9	35.4	3.66	11.34	3.40	YES	HRDOW
L0003038	0	0.61728E-02	518448.3	4263797.5	35.8	3.66	11.34	3.40	YES	HRDOW
L0003039	0	0.61728E-02	518457.8	4263775.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003040	0	0.61728E-02	518461.3	4263751.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003041	0	0.61728E-02	518462.5	4263727.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003042	0	0.61728E-02	518463.7	4263702.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003043	0	0.61728E-02	518464.9	4263678.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003044	0	0.61728E-02	518466.0	4263654.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003045	0	0.61728E-02	518467.2	4263629.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003046	0	0.61728E-02	518468.4	4263605.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003047	0	0.61728E-02	518469.6	4263580.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003048	0	0.61728E-02	518470.8	4263556.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003049	0	0.61728E-02	518472.0	4263532.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003050	0	0.61728E-02	518473.1	4263507.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003051	0	0.61728E-02	518474.3	4263483.5	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003052         0   0.61728E-02  518475.5 4263459.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003053         0   0.61728E-02  518476.7 4263434.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003054         0   0.61728E-02  518477.9 4263410.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003055         0   0.61728E-02  518479.1 4263386.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003056         0   0.61728E-02  518480.2 4263361.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003057         0   0.61728E-02  518481.4 4263337.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003058         0   0.61728E-02  518482.6 4263313.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003059         0   0.61728E-02  518489.5 4263294.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003060         0   0.61728E-02  518513.9 4263294.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003061         0   0.61728E-02  518538.3 4263295.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003062         0   0.61728E-02  518562.7 4263295.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003063         0   0.61728E-02  518587.1 4263295.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003064         0   0.61728E-02  518611.4 4263295.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003065         0   0.61728E-02  518635.8 4263296.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003066         0   0.61728E-02  518660.2 4263296.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003067         0   0.61728E-02  518684.6 4263296.4    36.7     3.66    11.34
3.40     YES   HRDOW
 L0003068         0   0.61728E-02  518709.0 4263296.6    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003069         0   0.61728E-02  518733.4 4263296.8    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003070         0   0.61728E-02  518757.7 4263297.0    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003071         0   0.61728E-02  518782.1 4263297.2    37.0     3.66    11.34
3.40     YES   HRDOW
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003072	0	0.61728E-02	518806.5	4263297.4	37.0	3.66	11.34	3.40	YES	HRDOW
L0003073	0	0.61728E-02	518799.2	4263314.4	37.0	3.66	11.34	3.40	YES	HRDOW
L0003074	0	0.61728E-02	518785.6	4263334.6	37.0	3.66	11.34	3.40	YES	HRDOW
L0003075	0	0.61728E-02	518772.1	4263354.9	37.0	3.66	11.34	3.40	YES	HRDOW
L0003076	0	0.61728E-02	518758.5	4263375.2	37.0	3.66	11.34	3.40	YES	HRDOW
L0003077	0	0.61728E-02	518745.0	4263395.4	36.8	3.66	11.34	3.40	YES	HRDOW
L0003078	0	0.61728E-02	518731.4	4263415.7	36.3	3.66	11.34	3.40	YES	HRDOW
L0003079	0	0.61728E-02	518717.9	4263436.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003080	0	0.61728E-02	518704.3	4263456.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003081	0	0.61728E-02	518690.8	4263476.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003082	0	0.61728E-02	518677.2	4263496.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003083	0	0.61728E-02	518663.7	4263517.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003084	0	0.61728E-02	518650.1	4263537.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003085	0	0.61728E-02	518636.6	4263557.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003086	0	0.61728E-02	518623.0	4263577.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003087	0	0.61728E-02	518609.5	4263598.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003088	0	0.61728E-02	518595.9	4263618.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003089	0	0.61728E-02	518582.3	4263638.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003090	0	0.61728E-02	518568.8	4263659.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003091	0	0.61728E-02	518555.2	4263679.2	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003092         0   0.61728E-02  518541.7 4263699.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003093         0   0.61728E-02  518528.1 4263719.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003094         0   0.61728E-02  518514.6 4263740.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003095         0   0.61728E-02  518501.0 4263760.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003096         0   0.61728E-02  518487.3 4263755.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003097         0   0.61728E-02  518484.5 4263732.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003098         0   0.61728E-02  518485.8 4263708.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003099         0   0.61728E-02  518487.2 4263683.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003100         0   0.61728E-02  518488.5 4263659.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003101         0   0.61728E-02  518489.9 4263635.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003102         0   0.61728E-02  518491.2 4263610.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003103         0   0.61728E-02  518492.6 4263586.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003104         0   0.61728E-02  518493.9 4263562.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003105         0   0.61728E-02  518495.3 4263537.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003106         0   0.61728E-02  518496.6 4263513.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003107         0   0.61728E-02  518498.0 4263489.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003108         0   0.61728E-02  518499.3 4263464.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003109         0   0.61728E-02  518500.7 4263440.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003110         0   0.61728E-02  518502.0 4263416.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003111         0   0.61728E-02  518503.4 4263391.8    36.0     3.66    11.34
3.40     YES   HRDOW
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003112	0	0.61728E-02	518504.7	4263367.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003113	0	0.61728E-02	518506.0	4263343.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003114	0	0.61728E-02	518518.3	4263330.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003115	0	0.61728E-02	518542.7	4263329.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003116	0	0.61728E-02	518567.1	4263329.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003117	0	0.61728E-02	518591.5	4263328.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003118	0	0.61728E-02	518615.8	4263328.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003119	0	0.61728E-02	518640.2	4263328.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003120	0	0.61728E-02	518664.6	4263327.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003121	0	0.61728E-02	518689.0	4263327.2	36.5	3.66	11.34	3.40	YES	HRDOW
L0003122	0	0.61728E-02	518713.4	4263326.8	36.9	3.66	11.34	3.40	YES	HRDOW
L0003123	0	0.61728E-02	518737.7	4263326.4	37.0	3.66	11.34	3.40	YES	HRDOW
L0003124	0	0.61728E-02	518742.0	4263337.3	37.0	3.66	11.34	3.40	YES	HRDOW
L0003125	0	0.61728E-02	518729.1	4263358.0	37.0	3.66	11.34	3.40	YES	HRDOW
L0003126	0	0.61728E-02	518716.2	4263378.8	36.7	3.66	11.34	3.40	YES	HRDOW
L0003127	0	0.61728E-02	518703.3	4263399.5	36.1	3.66	11.34	3.40	YES	HRDOW
L0003128	0	0.61728E-02	518690.4	4263420.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003129	0	0.61728E-02	518677.6	4263440.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003130	0	0.61728E-02	518664.7	4263461.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003131	0	0.61728E-02	518651.8	4263482.3	36.0	3.66	11.34			

```
3.40     YES   HRDOW
 L0003132         0   0.61728E-02  518638.9 4263503.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003133         0   0.61728E-02  518626.0 4263523.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003134         0   0.61728E-02  518613.1 4263544.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003135         0   0.61728E-02  518600.3 4263565.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003136         0   0.61728E-02  518587.4 4263585.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003137         0   0.61728E-02  518574.5 4263606.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003138         0   0.61728E-02  518561.6 4263627.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003139         0   0.61728E-02  518548.7 4263647.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003140         0   0.61728E-02  518535.8 4263668.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003141         0   0.61728E-02  518522.9 4263689.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003142         0   0.61728E-02  518510.1 4263710.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003143         0   0.61728E-02  518506.5 4263702.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003144         0   0.61728E-02  518508.2 4263677.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003145         0   0.61728E-02  518510.0 4263653.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003146         0   0.61728E-02  518511.7 4263629.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003147         0   0.61728E-02  518513.5 4263604.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003148         0   0.61728E-02  518515.2 4263580.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003149         0   0.61728E-02  518517.0 4263556.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003150         0   0.61728E-02  518518.7 4263531.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003151         0   0.61728E-02  518520.4 4263507.4    36.0     3.66    11.34
3.40     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003152	0	0.61728E-02	518522.2	4263483.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003153	0	0.61728E-02	518523.9	4263458.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003154	0	0.61728E-02	518525.7	4263434.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003155	0	0.61728E-02	518527.4	4263410.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003156	0	0.61728E-02	518529.2	4263385.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003157	0	0.61728E-02	518530.9	4263361.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003158	0	0.61728E-02	518549.2	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003159	0	0.61728E-02	518573.5	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003160	0	0.61728E-02	518597.9	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003161	0	0.61728E-02	518622.3	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003162	0	0.61728E-02	518646.7	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003163	0	0.61728E-02	518671.1	4263354.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003164	0	0.61728E-02	518695.5	4263354.9	36.1	3.66	11.34	3.40	YES	HRDOW
L0003165	0	0.61728E-02	518688.9	4263371.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003166	0	0.61728E-02	518675.9	4263392.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003167	0	0.61728E-02	518662.9	4263413.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003168	0	0.61728E-02	518649.9	4263433.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003169	0	0.61728E-02	518636.8	4263454.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003170	0	0.61728E-02	518623.8	4263475.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003171	0	0.61728E-02	518610.8	4263495.6	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003172         0   0.61728E-02  518597.8 4263516.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003173         0   0.61728E-02  518584.8 4263536.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003174         0   0.61728E-02  518571.7 4263557.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003175         0   0.61728E-02  518558.7 4263578.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003176         0   0.61728E-02  518545.7 4263598.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003177         0   0.61728E-02  518536.1 4263609.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003178         0   0.61728E-02  518539.0 4263585.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003179         0   0.61728E-02  518541.9 4263561.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003180         0   0.61728E-02  518544.8 4263537.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003181         0   0.61728E-02  518547.7 4263512.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003182         0   0.61728E-02  518550.6 4263488.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003183         0   0.61728E-02  518553.5 4263464.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003184         0   0.61728E-02  518556.4 4263440.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003185         0   0.61728E-02  518559.3 4263415.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003186         0   0.61728E-02  518567.1 4263396.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003187         0   0.61728E-02  518591.3 4263394.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003188         0   0.61728E-02  518615.5 4263391.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003189         0   0.61728E-02  518633.2 4263393.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003190         0   0.61728E-02  518621.0 4263414.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003191         0   0.61728E-02  518608.9 4263435.3    36.0     3.66    11.34
3.40     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003192	0	0.61728E-02	518596.8	4263456.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003193	0	0.61728E-02	518584.7	4263477.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003194	0	0.21277E-01	518368.8	4263917.1	35.0	3.66	11.34	3.40	YES	HRDOW
L0003195	0	0.21277E-01	518382.3	4263896.8	35.0	3.66	11.34	3.40	YES	HRDOW
L0003196	0	0.21277E-01	518395.9	4263876.6	35.0	3.66	11.34	3.40	YES	HRDOW
L0003197	0	0.21277E-01	518409.5	4263856.3	35.0	3.66	11.34	3.40	YES	HRDOW
L0003198	0	0.21277E-01	518423.0	4263836.1	35.0	3.66	11.34	3.40	YES	HRDOW
L0003199	0	0.21277E-01	518436.6	4263815.8	35.4	3.66	11.34	3.40	YES	HRDOW
L0003200	0	0.21277E-01	518450.2	4263795.5	35.9	3.66	11.34	3.40	YES	HRDOW
L0003201	0	0.21277E-01	518459.4	4263773.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003202	0	0.21277E-01	518464.2	4263749.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003203	0	0.21277E-01	518464.4	4263725.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003204	0	0.21277E-01	518465.4	4263700.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003205	0	0.21277E-01	518466.6	4263676.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003206	0	0.21277E-01	518467.9	4263652.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003207	0	0.21277E-01	518469.3	4263627.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003208	0	0.21277E-01	518470.8	4263603.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003209	0	0.21277E-01	518472.2	4263579.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003210	0	0.21277E-01	518473.7	4263554.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003211	0	0.21277E-01	518472.5	4263530.4	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003212         0   0.21277E-01  518471.1 4263506.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003213         0   0.21277E-01  518469.7 4263481.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003214         0   0.21277E-01  518479.0 4263467.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003215         0   0.21277E-01  518503.3 4263467.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003216         0   0.21277E-01  518509.1 4263486.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003217         0   0.21277E-01  518510.0 4263511.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003218         0   0.21277E-01  518510.9 4263535.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003219         0   0.21277E-01  518511.8 4263559.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003220         0   0.21277E-01  518512.7 4263584.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003221         0   0.21277E-01  518513.6 4263608.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003222         0   0.21277E-01  518512.7 4263632.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003223         0   0.21277E-01  518506.4 4263656.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003224         0   0.21277E-01  518500.0 4263679.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003225         0   0.21277E-01  518493.7 4263703.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003226         0   0.21277E-01  518487.4 4263726.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003227         0   0.21277E-01  518481.1 4263750.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003228         0   0.21277E-01  518474.8 4263774.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003229         0   0.21277E-01  518475.4 4263761.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003230         0   0.21277E-01  518478.2 4263737.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003231         0   0.21277E-01  518481.0 4263713.2    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003232	0	0.21277E-01	518483.9	4263689.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003233	0	0.21277E-01	518486.7	4263664.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003234	0	0.21277E-01	518489.5	4263640.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003235	0	0.21277E-01	518492.4	4263616.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003236	0	0.21277E-01	518494.1	4263592.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003237	0	0.21277E-01	518494.3	4263567.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003238	0	0.21277E-01	518494.5	4263543.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003239	0	0.21277E-01	518494.7	4263518.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003240	0	0.21277E-01	518494.9	4263494.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003241	0	0.71429E-01	518713.5	4263276.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003242	0	0.71429E-01	518713.0	4263252.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003243	0	0.71429E-01	518712.4	4263228.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003244	0	0.71429E-01	518711.8	4263204.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003245	0	0.71429E-01	518711.3	4263180.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003246	0	0.71429E-01	518710.7	4263156.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003247	0	0.71429E-01	518710.1	4263132.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003248	0	0.71429E-01	518709.5	4263108.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003249	0	0.71429E-01	518709.0	4263084.6	37.0	3.66	11.16	3.40	YES	HRDOW
L0003250	0	0.71429E-01	518703.0	4263061.6	36.8	3.66	11.16	3.40	YES	HRDOW
L0003251	0	0.71429E-01	518695.3	4263038.8	36.7	3.66	11.16			

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3.40     YES   HRDOW
 L0003252         0   0.71429E-01  518687.7 4263016.1    36.0     3.66    11.16
3.40     YES   HRDOW
 L0003253         0   0.71429E-01  518680.0 4262993.3    36.0     3.66    11.16
3.40     YES   HRDOW
 L0003254         0   0.71429E-01  518678.5 4262970.0    36.0     3.66    11.16
3.40     YES   HRDOW
 L0003255         0   0.71429E-01  518713.5 4263276.6    37.0     3.66    11.16
3.40     YES
 L0003256         0   0.71429E-01  518713.0 4263252.6    37.0     3.66    11.16
3.40     YES
 L0003257         0   0.71429E-01  518712.4 4263228.6    37.0     3.66    11.16
3.40     YES
 L0003258         0   0.71429E-01  518711.8 4263204.6    37.0     3.66    11.16
3.40     YES
 L0003259         0   0.71429E-01  518711.3 4263180.6    37.0     3.66    11.16
3.40     YES
 L0003260         0   0.71429E-01  518710.7 4263156.6    37.0     3.66    11.16
3.40     YES
 L0003261         0   0.71429E-01  518710.1 4263132.6    37.0     3.66    11.16
3.40     YES
 L0003262         0   0.71429E-01  518709.5 4263108.6    37.0     3.66    11.16
3.40     YES
 L0003263         0   0.71429E-01  518709.0 4263084.6    37.0     3.66    11.16
3.40     YES
 L0003264         0   0.71429E-01  518703.0 4263061.6    36.8     3.66    11.16
3.40     YES
 L0003265         0   0.71429E-01  518695.3 4263038.8    36.7     3.66    11.16
3.40     YES
 L0003266         0   0.71429E-01  518687.7 4263016.1    36.0     3.66    11.16
3.40     YES
 L0003267         0   0.71429E-01  518680.0 4262993.3    36.0     3.66    11.16
3.40     YES
 L0003268         0   0.71429E-01  518678.5 4262970.0    36.0     3.66    11.16
3.40     YES
 L0003269         0   0.52632E-01  517672.5 4264163.8    32.8     3.66    11.16
3.40     YES   HRDOW
 L0003270         0   0.52632E-01  517684.0 4264142.8    32.8     3.66    11.16
3.40     YES   HRDOW
 L0003271         0   0.52632E-01  517699.3 4264125.6    33.0     3.66    11.16
3.40     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003272	0	0.52632E-01	517720.8	4264115.1	33.0	3.66	11.16	3.40	YES	HRDOW
L0003273	0	0.52632E-01	517742.5	4264104.8	33.0	3.66	11.16	3.40	YES	HRDOW
L0003274	0	0.52632E-01	517764.3	4264094.6	33.0	3.66	11.16	3.40	YES	HRDOW
L0003275	0	0.52632E-01	517779.4	4264076.9	33.0	3.66	11.16	3.40	YES	HRDOW
L0003276	0	0.52632E-01	517792.6	4264056.8	33.0	3.66	11.16	3.40	YES	HRDOW
L0003277	0	0.52632E-01	517805.8	4264036.8	33.0	3.66	11.16	3.40	YES	HRDOW
L0003278	0	0.52632E-01	517819.0	4264016.7	33.0	3.66	11.16	3.40	YES	HRDOW
L0003279	0	0.52632E-01	517836.1	4264000.7	33.0	3.66	11.16	3.40	YES	HRDOW
L0003280	0	0.52632E-01	517859.0	4263994.4	33.2	3.66	11.16	3.40	YES	HRDOW
L0003281	0	0.52632E-01	517882.6	4263990.4	34.0	3.66	11.16	3.40	YES	HRDOW
L0003282	0	0.52632E-01	517906.3	4263986.7	34.0	3.66	11.16	3.40	YES	HRDOW
L0003283	0	0.52632E-01	517929.9	4263982.1	33.9	3.66	11.16	3.40	YES	HRDOW
L0003284	0	0.52632E-01	517953.2	4263976.4	33.7	3.66	11.16	3.40	YES	HRDOW
L0003285	0	0.52632E-01	517976.5	4263970.7	33.3	3.66	11.16	3.40	YES	HRDOW
L0003286	0	0.52632E-01	517999.8	4263965.0	33.9	3.66	11.16	3.40	YES	HRDOW
L0003287	0	0.52632E-01	518023.4	4263960.3	34.0	3.66	11.16	3.40	YES	HRDOW
L0003288	0	0.20833E-01	517672.5	4264163.8	32.8	3.66	11.16	3.40	YES	
L0003289	0	0.20833E-01	517684.0	4264142.8	32.8	3.66	11.16	3.40	YES	
L0003290	0	0.20833E-01	517699.3	4264125.6	33.0	3.66	11.16	3.40	YES	
L0003291	0	0.20833E-01	517720.8	4264115.1	33.0	3.66	11.16			

3.40 YES
L0003292 0 0.20833E-01 517742.5 4264104.8 33.0 3.66 11.16
3.40 YES
L0003293 0 0.20833E-01 517764.3 4264094.6 33.0 3.66 11.16
3.40 YES
L0003294 0 0.20833E-01 517779.4 4264076.9 33.0 3.66 11.16
3.40 YES
L0003295 0 0.20833E-01 517792.6 4264056.8 33.0 3.66 11.16
3.40 YES
L0003296 0 0.20833E-01 517805.8 4264036.8 33.0 3.66 11.16
3.40 YES
L0003297 0 0.20833E-01 517819.0 4264016.7 33.0 3.66 11.16
3.40 YES
L0003298 0 0.20833E-01 517836.1 4264000.7 33.0 3.66 11.16
3.40 YES
L0003299 0 0.20833E-01 517859.0 4263994.4 33.2 3.66 11.16
3.40 YES
L0003300 0 0.20833E-01 517882.6 4263990.4 34.0 3.66 11.16
3.40 YES
L0003301 0 0.20833E-01 517906.3 4263986.7 34.0 3.66 11.16
3.40 YES
L0003302 0 0.20833E-01 517929.9 4263982.1 33.9 3.66 11.16
3.40 YES
L0003303 0 0.20833E-01 517953.2 4263976.4 33.7 3.66 11.16
3.40 YES
L0003304 0 0.20833E-01 517976.5 4263970.7 33.3 3.66 11.16
3.40 YES
L0003305 0 0.20833E-01 517999.8 4263965.0 33.9 3.66 11.16
3.40 YES
L0003306 0 0.20833E-01 518023.8 4263964.0 34.0 3.66 11.16
3.40 YES
L0003307 0 0.20833E-01 518047.8 4263963.2 34.0 3.66 11.16
3.40 YES
L0003308 0 0.20833E-01 518071.8 4263962.4 34.0 3.66 11.16
3.40 YES
L0003309 0 0.20833E-01 518095.7 4263961.7 34.0 3.66 11.16
3.40 YES
L0003310 0 0.20833E-01 518119.7 4263960.9 34.0 3.66 11.16
3.40 YES
L0003311 0 0.20833E-01 518143.7 4263960.1 34.0 3.66 11.16
3.40 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0003312	0	0.20833E-01	518167.7	4263959.3	34.0	3.66	11.16	3.40	YES	
L0003313	0	0.20833E-01	518190.9	4263955.6	34.0	3.66	11.16	3.40	YES	
L0003314	0	0.20833E-01	518211.9	4263944.0	34.0	3.66	11.16	3.40	YES	
L0003315	0	0.20833E-01	518233.0	4263932.5	34.0	3.66	11.16	3.40	YES	
L0003316	0	0.20833E-01	518254.2	4263921.9	34.0	3.66	11.16	3.40	YES	
L0003317	0	0.20833E-01	518278.2	4263922.2	34.0	3.66	11.16	3.40	YES	
L0003318	0	0.20833E-01	518302.2	4263922.6	34.0	3.66	11.16	3.40	YES	
L0003319	0	0.20833E-01	518326.2	4263923.0	34.0	3.66	11.16	3.40	YES	
L0003320	0	0.20833E-01	518350.2	4263923.3	34.5	3.66	11.16	3.40	YES	
L0003321	0	0.20833E-01	518370.8	4263917.6	35.0	3.66	11.16	3.40	YES	
L0003322	0	0.20833E-01	518383.0	4263896.9	35.0	3.66	11.16	3.40	YES	
L0003323	0	0.20833E-01	518395.2	4263876.3	35.0	3.66	11.16	3.40	YES	
L0003324	0	0.20833E-01	518407.4	4263855.6	35.0	3.66	11.16	3.40	YES	
L0003325	0	0.20833E-01	518419.6	4263834.9	35.0	3.66	11.16	3.40	YES	
L0003326	0	0.20833E-01	518431.8	4263814.3	35.3	3.66	11.16	3.40	YES	
L0003327	0	0.20833E-01	518444.1	4263793.6	35.7	3.66	11.16	3.40	YES	
L0003328	0	0.20833E-01	518449.8	4263771.1	36.0	3.66	11.16	3.40	YES	
L0003329	0	0.20833E-01	518450.2	4263747.1	36.0	3.66	11.16	3.40	YES	
L0003330	0	0.20833E-01	518450.6	4263723.1	36.0	3.66	11.16	3.40	YES	
L0003331	0	0.20833E-01	518450.9	4263699.1	36.0	3.66	11.16			

3.40	YES						
L0003332	0	0.20833E-01	518451.3	4263675.1	36.0	3.66	11.16
3.40	YES						
L0003333	0	0.20833E-01	518451.7	4263651.1	36.0	3.66	11.16
3.40	YES						
L0003334	0	0.20833E-01	518452.1	4263627.1	36.0	3.66	11.16
3.40	YES						
L0003335	0	0.20833E-01	518452.5	4263603.1	36.0	3.66	11.16
3.40	YES						
L0003336	0	0.14286E+00	518474.8	4263587.6	36.0	3.66	5.29
3.40	YES						
L0003337	0	0.14286E+00	518481.5	4263578.4	36.0	3.66	5.29
3.40	YES						
L0003338	0	0.14286E+00	518488.2	4263569.2	36.0	3.66	5.29
3.40	YES						
L0003339	0	0.14286E+00	518494.9	4263560.1	36.0	3.66	5.29
3.40	YES						
L0003340	0	0.14286E+00	518501.6	4263550.9	36.0	3.66	5.29
3.40	YES						
L0003341	0	0.14286E+00	518508.3	4263541.7	36.0	3.66	5.29
3.40	YES						
L0003342	0	0.14286E+00	518515.0	4263532.5	36.0	3.66	5.29
3.40	YES						
L0003343	0	0.90909E-01	518544.1	4263491.7	36.0	3.66	5.29
3.40	YES						
L0003344	0	0.90909E-01	518550.8	4263482.6	36.0	3.66	5.29
3.40	YES						
L0003345	0	0.90909E-01	518557.5	4263473.4	36.0	3.66	5.29
3.40	YES						
L0003346	0	0.90909E-01	518564.3	4263464.2	36.0	3.66	5.29
3.40	YES						
L0003347	0	0.90909E-01	518571.0	4263455.1	36.0	3.66	5.29
3.40	YES						
L0003348	0	0.90909E-01	518577.8	4263445.9	36.0	3.66	5.29
3.40	YES						
L0003349	0	0.90909E-01	518584.5	4263436.7	36.0	3.66	5.29
3.40	YES						
L0003350	0	0.90909E-01	518591.3	4263427.6	36.0	3.66	5.29
3.40	YES						
L0003351	0	0.90909E-01	518598.0	4263418.4	36.0	3.66	5.29
3.40	YES						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003352	0	0.90909E-01	518604.7	4263409.3	36.0	3.66	5.29	3.40	YES	
L0003353	0	0.90909E-01	518611.5	4263400.1	36.0	3.66	5.29	3.40	YES	
L0003354	0	0.25000E+00	518644.3	4263355.8	36.0	3.66	4.08	3.40	YES	
L0003355	0	0.25000E+00	518649.7	4263348.9	36.0	3.66	4.08	3.40	YES	
L0003356	0	0.25000E+00	518655.2	4263342.0	36.0	3.66	4.08	3.40	YES	
L0003357	0	0.25000E+00	518660.6	4263335.1	36.0	3.66	4.08	3.40	YES	
L0003358	0	0.90909E-01	518485.0	4263647.7	36.0	3.66	5.40	3.40	YES	
L0003359	0	0.90909E-01	518491.4	4263638.0	36.0	3.66	5.40	3.40	YES	
L0003360	0	0.90909E-01	518497.8	4263628.3	36.0	3.66	5.40	3.40	YES	
L0003361	0	0.90909E-01	518504.2	4263618.6	36.0	3.66	5.40	3.40	YES	
L0003362	0	0.90909E-01	518510.6	4263608.9	36.0	3.66	5.40	3.40	YES	
L0003363	0	0.90909E-01	518517.1	4263599.2	36.0	3.66	5.40	3.40	YES	
L0003364	0	0.90909E-01	518523.5	4263589.5	36.0	3.66	5.40	3.40	YES	
L0003365	0	0.90909E-01	518529.9	4263579.8	36.0	3.66	5.40	3.40	YES	
L0003366	0	0.90909E-01	518536.3	4263570.1	36.0	3.66	5.40	3.40	YES	
L0003367	0	0.90909E-01	518542.7	4263560.4	36.0	3.66	5.40	3.40	YES	
L0003368	0	0.90909E-01	518549.1	4263550.8	36.0	3.66	5.40	3.40	YES	
L0003369	0	0.90909E-01	518611.4	4263462.0	36.0	3.66	5.60	3.40	YES	
L0003370	0	0.90909E-01	518618.6	4263452.3	36.0	3.66	5.60	3.40	YES	
L0003371	0	0.90909E-01	518625.7	4263442.5	36.0	3.66	5.60			

3.40 YES
L0003372 0 0.90909E-01 518632.8 4263432.8 36.0 3.66 5.60
3.40 YES
L0003373 0 0.90909E-01 518639.9 4263423.1 36.0 3.66 5.60
3.40 YES
L0003374 0 0.90909E-01 518647.0 4263413.4 36.0 3.66 5.60
3.40 YES
L0003375 0 0.90909E-01 518654.1 4263403.7 36.0 3.66 5.60
3.40 YES
L0003376 0 0.90909E-01 518661.2 4263394.0 36.0 3.66 5.60
3.40 YES
L0003377 0 0.90909E-01 518668.3 4263384.3 36.0 3.66 5.60
3.40 YES
L0003378 0 0.90909E-01 518675.4 4263374.6 36.0 3.66 5.60
3.40 YES
L0003379 0 0.90909E-01 518682.5 4263364.9 36.0 3.66 5.60
3.40 YES
L0003380 0 0.71429E-01 519545.4 4262584.3 40.0 3.66 16.74
3.40 YES
L0003381 0 0.71429E-01 519509.7 4262579.7 40.0 3.66 16.74
3.40 YES
L0003382 0 0.71429E-01 519474.1 4262574.9 40.0 3.66 16.74
3.40 YES
L0003383 0 0.71429E-01 519438.5 4262569.4 40.0 3.66 16.74
3.40 YES
L0003384 0 0.71429E-01 519402.9 4262563.8 40.0 3.66 16.74
3.40 YES
L0003385 0 0.71429E-01 519367.3 4262558.3 40.0 3.66 16.74
3.40 YES
L0003386 0 0.71429E-01 519331.7 4262553.0 40.0 3.66 16.74
3.40 YES
L0003387 0 0.71429E-01 519295.8 4262551.9 40.0 3.66 16.74
3.40 YES
L0003388 0 0.71429E-01 519259.8 4262551.9 40.0 3.66 16.74
3.40 YES
L0003389 0 0.71429E-01 519223.8 4262552.0 40.0 3.66 16.74
3.40 YES
L0003390 0 0.71429E-01 519187.8 4262552.4 39.7 3.66 16.74
3.40 YES
L0003391 0 0.71429E-01 519151.8 4262552.8 39.1 3.66 16.74
3.40 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY
L0003392	0	0.71429E-01	519115.8	4262553.2	39.0	3.66	16.74	3.40	YES
L0003393	0	0.71429E-01	519079.8	4262552.7	38.9	3.66	16.74	3.40	YES
L0003394	0	0.38462E-01	519076.8	4262566.5	38.8	3.66	11.16	3.40	YES
L0003395	0	0.38462E-01	519075.4	4262590.4	38.7	3.66	11.16	3.40	YES
L0003396	0	0.38462E-01	519074.0	4262614.4	38.3	3.66	11.16	3.40	YES
L0003397	0	0.38462E-01	519072.6	4262638.3	38.0	3.66	11.16	3.40	YES
L0003398	0	0.38462E-01	519069.6	4262662.0	38.0	3.66	11.16	3.40	YES
L0003399	0	0.38462E-01	519061.4	4262684.5	38.0	3.66	11.16	3.40	YES
L0003400	0	0.38462E-01	519051.5	4262706.1	38.0	3.66	11.16	3.40	YES
L0003401	0	0.38462E-01	519035.9	4262724.3	38.0	3.66	11.16	3.40	YES
L0003402	0	0.38462E-01	519018.7	4262740.7	38.0	3.66	11.16	3.40	YES
L0003403	0	0.38462E-01	518998.2	4262753.1	38.0	3.66	11.16	3.40	YES
L0003404	0	0.38462E-01	518976.6	4262763.4	37.4	3.66	11.16	3.40	YES
L0003405	0	0.38462E-01	518954.0	4262771.2	37.0	3.66	11.16	3.40	YES
L0003406	0	0.38462E-01	518931.3	4262779.1	37.0	3.66	11.16	3.40	YES
L0003407	0	0.38462E-01	518909.5	4262789.2	37.0	3.66	11.16	3.40	YES
L0003408	0	0.38462E-01	518887.9	4262799.6	37.0	3.66	11.16	3.40	YES
L0003409	0	0.38462E-01	518866.7	4262810.8	37.0	3.66	11.16	3.40	YES
L0003410	0	0.38462E-01	518845.8	4262822.6	37.0	3.66	11.16	3.40	YES
L0003411	0	0.38462E-01	518825.0	4262834.5	37.0	3.66	11.16		

3.40 YES
L0003412 0 0.38462E-01 518805.0 4262847.8 37.0 3.66 11.16
3.40 YES
L0003413 0 0.38462E-01 518785.8 4262862.1 37.0 3.66 11.16
3.40 YES
L0003414 0 0.38462E-01 518766.7 4262876.7 37.0 3.66 11.16
3.40 YES
L0003415 0 0.38462E-01 518748.1 4262891.8 37.0 3.66 11.16
3.40 YES
L0003416 0 0.38462E-01 518729.7 4262907.2 37.0 3.66 11.16
3.40 YES
L0003417 0 0.38462E-01 518712.7 4262924.2 36.7 3.66 11.16
3.40 YES
L0003418 0 0.38462E-01 518695.8 4262941.2 36.1 3.66 11.16
3.40 YES
L0003419 0 0.38462E-01 518678.1 4262957.3 36.0 3.66 11.16
3.40 YES
L0003420 0 0.55556E-01 517679.0 4264174.6 32.3 3.66 16.74
3.40 YES
L0003421 0 0.55556E-01 517715.0 4264173.6 32.0 3.66 16.74
3.40 YES
L0003422 0 0.55556E-01 517751.0 4264172.7 32.3 3.66 16.74
3.40 YES
L0003423 0 0.55556E-01 517787.0 4264171.8 32.9 3.66 16.74
3.40 YES
L0003424 0 0.55556E-01 517823.0 4264171.4 33.0 3.66 16.74
3.40 YES
L0003425 0 0.55556E-01 517859.0 4264171.8 33.0 3.66 16.74
3.40 YES
L0003426 0 0.55556E-01 517895.0 4264172.2 33.0 3.66 16.74
3.40 YES
L0003427 0 0.55556E-01 517930.9 4264172.6 33.0 3.66 16.74
3.40 YES
L0003428 0 0.55556E-01 517966.9 4264173.0 33.0 3.66 16.74
3.40 YES
L0003429 0 0.55556E-01 518002.9 4264173.4 33.0 3.66 16.74
3.40 YES
L0003430 0 0.55556E-01 518038.9 4264173.8 34.0 3.66 16.74
3.40 YES
L0003431 0 0.55556E-01 518074.9 4264174.2 34.2 3.66 16.74
3.40 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
L0003432	0	0.55556E-01	518110.9	4264175.1	34.8	3.66	16.74	3.40	YES	
L0003433	0	0.55556E-01	518146.9	4264176.0	35.8	3.66	16.74	3.40	YES	
L0003434	0	0.55556E-01	518182.9	4264176.8	36.6	3.66	16.74	3.40	YES	
L0003435	0	0.55556E-01	518218.9	4264177.7	36.1	3.66	16.74	3.40	YES	
L0003436	0	0.55556E-01	518254.9	4264178.6	36.7	3.66	16.74	3.40	YES	
L0003437	0	0.55556E-01	518290.9	4264179.7	36.3	3.66	16.74	3.40	YES	
L0003438	0	0.28571E-01	518707.2	4263284.8	37.0	3.66	5.67	3.40	YES	
L0003439	0	0.28571E-01	518700.7	4263295.0	37.0	3.66	5.67	3.40	YES	
L0003440	0	0.28571E-01	518694.1	4263305.3	37.0	3.66	5.67	3.40	YES	
L0003441	0	0.28571E-01	518687.5	4263315.6	36.8	3.66	5.67	3.40	YES	
L0003442	0	0.28571E-01	518681.0	4263325.9	36.4	3.66	5.67	3.40	YES	
L0003443	0	0.28571E-01	518674.4	4263336.1	36.1	3.66	5.67	3.40	YES	
L0003444	0	0.28571E-01	518667.8	4263346.4	36.0	3.66	5.67	3.40	YES	
L0003445	0	0.28571E-01	518661.3	4263356.7	36.0	3.66	5.67	3.40	YES	
L0003446	0	0.28571E-01	518654.7	4263367.0	36.0	3.66	5.67	3.40	YES	
L0003447	0	0.28571E-01	518648.2	4263377.3	36.0	3.66	5.67	3.40	YES	
L0003448	0	0.28571E-01	518641.6	4263387.5	36.0	3.66	5.67	3.40	YES	
L0003449	0	0.28571E-01	518635.0	4263397.8	36.0	3.66	5.67	3.40	YES	
L0003450	0	0.28571E-01	518628.5	4263408.1	36.0	3.66	5.67	3.40	YES	
L0003451	0	0.28571E-01	518621.9	4263418.4	36.0	3.66	5.67			

3.40 YES
L0003452 0 0.28571E-01 518615.3 4263428.6 36.0 3.66 5.67
3.40 YES
L0003453 0 0.28571E-01 518608.8 4263438.9 36.0 3.66 5.67
3.40 YES
L0003454 0 0.28571E-01 518601.8 4263448.8 36.0 3.66 5.67
3.40 YES
L0003455 0 0.28571E-01 518594.0 4263458.3 36.0 3.66 5.67
3.40 YES
L0003456 0 0.28571E-01 518586.3 4263467.7 36.0 3.66 5.67
3.40 YES
L0003457 0 0.28571E-01 518578.6 4263477.2 36.0 3.66 5.67
3.40 YES
L0003458 0 0.28571E-01 518570.9 4263486.6 36.0 3.66 5.67
3.40 YES
L0003459 0 0.28571E-01 518563.2 4263496.1 36.0 3.66 5.67
3.40 YES
L0003460 0 0.28571E-01 518555.5 4263505.5 36.0 3.66 5.67
3.40 YES
L0003461 0 0.28571E-01 518547.8 4263515.0 36.0 3.66 5.67
3.40 YES
L0003462 0 0.28571E-01 518540.1 4263524.4 36.0 3.66 5.67
3.40 YES
L0003463 0 0.28571E-01 518532.4 4263533.8 36.0 3.66 5.67
3.40 YES
L0003464 0 0.28571E-01 518524.7 4263543.3 36.0 3.66 5.67
3.40 YES
L0003465 0 0.28571E-01 518516.9 4263552.7 36.0 3.66 5.67
3.40 YES
L0003466 0 0.28571E-01 518509.2 4263562.2 36.0 3.66 5.67
3.40 YES
L0003467 0 0.28571E-01 518501.5 4263571.6 36.0 3.66 5.67
3.40 YES
L0003468 0 0.28571E-01 518493.4 4263580.7 36.0 3.66 5.67
3.40 YES
L0003469 0 0.28571E-01 518483.8 4263588.2 36.0 3.66 5.67
3.40 YES
L0003470 0 0.28571E-01 518474.2 4263595.7 36.0 3.66 5.67
3.40 YES
L0003471 0 0.28571E-01 518464.6 4263603.2 36.0 3.66 5.67
3.40 YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003472	0	0.28571E-01	518455.0	4263610.7	36.0	3.66	5.67	3.40	YES	
L0003473	0	0.86207E-02	518524.3	4263693.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003474	0	0.86207E-02	518503.3	4263681.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003475	0	0.86207E-02	518482.3	4263669.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003476	0	0.86207E-02	518485.9	4263651.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003477	0	0.86207E-02	518499.6	4263630.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003478	0	0.86207E-02	518513.3	4263610.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003479	0	0.86207E-02	518527.0	4263590.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003480	0	0.86207E-02	518540.7	4263570.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003481	0	0.86207E-02	518547.4	4263551.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003482	0	0.86207E-02	518528.3	4263536.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003483	0	0.86207E-02	518509.1	4263521.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003484	0	0.86207E-02	518490.0	4263505.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003485	0	0.86207E-02	518470.9	4263490.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003486	0	0.86207E-02	518465.0	4263473.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003487	0	0.86207E-02	518477.5	4263452.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003488	0	0.86207E-02	518490.0	4263431.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003489	0	0.86207E-02	518502.5	4263410.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003490	0	0.86207E-02	518514.9	4263389.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003491	0	0.86207E-02	518527.4	4263368.4	36.0	3.66	11.34			

```
3.40     YES   HRDOW
 L0003492         0   0.86207E-02  518539.9 4263347.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003493         0   0.86207E-02  518552.3 4263326.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003494         0   0.86207E-02  518569.2 4263322.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003495         0   0.86207E-02  518590.3 4263335.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003496         0   0.86207E-02  518611.3 4263347.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003497         0   0.86207E-02  518632.3 4263359.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003498         0   0.86207E-02  518654.8 4263356.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003499         0   0.86207E-02  518677.8 4263348.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003500         0   0.86207E-02  518700.7 4263340.3    36.4     3.66    11.34
3.40     YES   HRDOW
 L0003501         0   0.86207E-02  518720.8 4263349.7    36.9     3.66    11.34
3.40     YES   HRDOW
 L0003502         0   0.86207E-02  518740.1 4263364.7    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003503         0   0.86207E-02  518759.3 4263379.7    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003504         0   0.86207E-02  518759.4 4263397.1    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003505         0   0.86207E-02  518744.6 4263416.6    36.7     3.66    11.34
3.40     YES   HRDOW
 L0003506         0   0.86207E-02  518729.8 4263436.0    36.2     3.66    11.34
3.40     YES   HRDOW
 L0003507         0   0.86207E-02  518715.1 4263455.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003508         0   0.86207E-02  518700.3 4263474.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003509         0   0.86207E-02  518685.5 4263494.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003510         0   0.86207E-02  518670.8 4263513.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003511         0   0.86207E-02  518656.0 4263533.0    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003512	0	0.86207E-02	518641.2	4263552.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003513	0	0.86207E-02	518626.4	4263571.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003514	0	0.86207E-02	518611.7	4263591.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003515	0	0.86207E-02	518596.9	4263610.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003516	0	0.86207E-02	518582.1	4263630.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003517	0	0.86207E-02	518567.4	4263649.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003518	0	0.86207E-02	518552.6	4263668.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003519	0	0.86207E-02	518537.8	4263688.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003520	0	0.86207E-02	518520.8	4263674.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003521	0	0.86207E-02	518513.3	4263656.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003522	0	0.86207E-02	518526.7	4263635.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003523	0	0.86207E-02	518540.1	4263615.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003524	0	0.86207E-02	518553.4	4263594.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003525	0	0.86207E-02	518566.8	4263574.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003526	0	0.86207E-02	518580.1	4263554.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003527	0	0.86207E-02	518577.6	4263536.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003528	0	0.86207E-02	518557.9	4263522.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003529	0	0.86207E-02	518538.2	4263507.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003530	0	0.86207E-02	518518.6	4263493.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003531	0	0.86207E-02	518498.9	4263479.0	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003532         0   0.86207E-02  518496.6 4263461.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003533         0   0.86207E-02  518509.0 4263440.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003534         0   0.86207E-02  518521.3 4263418.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003535         0   0.86207E-02  518533.6 4263397.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003536         0   0.86207E-02  518546.0 4263376.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003537         0   0.86207E-02  518558.3 4263355.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003538         0   0.86207E-02  518575.6 4263353.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003539         0   0.86207E-02  518596.8 4263365.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003540         0   0.86207E-02  518618.0 4263377.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003541         0   0.86207E-02  518641.5 4263380.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003542         0   0.86207E-02  518665.8 4263379.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003543         0   0.86207E-02  518690.2 4263378.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003544         0   0.86207E-02  518710.6 4263388.8    36.3     3.66    11.34
3.40     YES   HRDOW
 L0003545         0   0.86207E-02  518722.4 4263405.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003546         0   0.86207E-02  518708.6 4263425.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003547         0   0.86207E-02  518694.9 4263445.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003548         0   0.86207E-02  518681.2 4263465.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003549         0   0.86207E-02  518667.4 4263486.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003550         0   0.86207E-02  518653.7 4263506.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003551         0   0.86207E-02  518640.0 4263526.4    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003552	0	0.86207E-02	518626.2	4263546.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003553	0	0.86207E-02	518612.5	4263566.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003554	0	0.86207E-02	518598.8	4263586.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003555	0	0.86207E-02	518585.0	4263607.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003556	0	0.86207E-02	518571.3	4263627.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003557	0	0.86207E-02	518557.5	4263647.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003558	0	0.86207E-02	518543.8	4263667.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003559	0	0.86207E-02	518534.8	4263655.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003560	0	0.86207E-02	518547.9	4263634.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003561	0	0.86207E-02	518561.0	4263614.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003562	0	0.86207E-02	518574.1	4263593.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003563	0	0.86207E-02	518587.2	4263573.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003564	0	0.86207E-02	518600.3	4263552.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003565	0	0.86207E-02	518613.3	4263532.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003566	0	0.86207E-02	518609.5	4263515.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003567	0	0.86207E-02	518588.7	4263502.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003568	0	0.86207E-02	518567.8	4263490.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003569	0	0.86207E-02	518546.9	4263477.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003570	0	0.86207E-02	518526.1	4263464.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003571	0	0.86207E-02	518532.6	4263444.8	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003572         0   0.86207E-02  518544.2 4263423.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003573         0   0.86207E-02  518561.7 4263428.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003574         0   0.86207E-02  518581.3 4263442.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003575         0   0.86207E-02  518600.9 4263457.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003576         0   0.86207E-02  518620.4 4263471.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003577         0   0.86207E-02  518639.1 4263473.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003578         0   0.86207E-02  518656.3 4263456.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003579         0   0.86207E-02  518657.4 4263442.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003580         0   0.86207E-02  518635.4 4263431.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003581         0   0.86207E-02  518613.5 4263420.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003582         0   0.86207E-02  518591.6 4263410.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003583         0   0.86207E-02  518569.7 4263399.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003584         0   0.86207E-02  518573.3 4263383.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003585         0   0.86207E-02  518596.9 4263389.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003586         0   0.86207E-02  518620.4 4263395.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003587         0   0.86207E-02  518644.0 4263402.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003588         0   0.86207E-02  518667.6 4263408.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003833         0   0.86207E-02  518524.3 4263693.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003834         0   0.86207E-02  518503.3 4263681.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003835         0   0.86207E-02  518482.3 4263669.0    36.0     3.66    11.34
3.40     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003836	0	0.86207E-02	518485.9	4263651.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003837	0	0.86207E-02	518499.6	4263630.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003838	0	0.86207E-02	518513.3	4263610.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003839	0	0.86207E-02	518527.0	4263590.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003840	0	0.86207E-02	518540.7	4263570.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003841	0	0.86207E-02	518547.4	4263551.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003842	0	0.86207E-02	518528.3	4263536.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003843	0	0.86207E-02	518509.1	4263521.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003844	0	0.86207E-02	518490.0	4263505.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003845	0	0.86207E-02	518470.9	4263490.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003846	0	0.86207E-02	518465.0	4263473.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003847	0	0.86207E-02	518477.5	4263452.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003848	0	0.86207E-02	518490.0	4263431.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003849	0	0.86207E-02	518502.5	4263410.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003850	0	0.86207E-02	518514.9	4263389.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003851	0	0.86207E-02	518527.4	4263368.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003852	0	0.86207E-02	518539.9	4263347.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003853	0	0.86207E-02	518552.3	4263326.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003854	0	0.86207E-02	518569.2	4263322.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003855	0	0.86207E-02	518590.3	4263335.1	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003856         0   0.86207E-02  518611.3 4263347.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003857         0   0.86207E-02  518632.3 4263359.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003858         0   0.86207E-02  518654.8 4263356.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003859         0   0.86207E-02  518677.8 4263348.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003860         0   0.86207E-02  518700.7 4263340.3    36.4     3.66    11.34
3.40     YES   HRDOW
 L0003861         0   0.86207E-02  518720.8 4263349.7    36.9     3.66    11.34
3.40     YES   HRDOW
 L0003862         0   0.86207E-02  518740.1 4263364.7    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003863         0   0.86207E-02  518759.3 4263379.7    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003864         0   0.86207E-02  518759.4 4263397.1    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003865         0   0.86207E-02  518744.6 4263416.6    36.7     3.66    11.34
3.40     YES   HRDOW
 L0003866         0   0.86207E-02  518729.8 4263436.0    36.2     3.66    11.34
3.40     YES   HRDOW
 L0003867         0   0.86207E-02  518715.1 4263455.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003868         0   0.86207E-02  518700.3 4263474.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003869         0   0.86207E-02  518685.5 4263494.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003870         0   0.86207E-02  518670.8 4263513.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003871         0   0.86207E-02  518656.0 4263533.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003872         0   0.86207E-02  518641.2 4263552.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003873         0   0.86207E-02  518626.4 4263571.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003874         0   0.86207E-02  518611.7 4263591.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003875         0   0.86207E-02  518596.9 4263610.6    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003876	0	0.86207E-02	518582.1	4263630.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003877	0	0.86207E-02	518567.4	4263649.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003878	0	0.86207E-02	518552.6	4263668.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003879	0	0.86207E-02	518537.8	4263688.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003880	0	0.86207E-02	518520.8	4263674.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003881	0	0.86207E-02	518513.3	4263656.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003882	0	0.86207E-02	518526.7	4263635.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003883	0	0.86207E-02	518540.1	4263615.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003884	0	0.86207E-02	518553.4	4263594.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003885	0	0.86207E-02	518566.8	4263574.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003886	0	0.86207E-02	518580.1	4263554.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003887	0	0.86207E-02	518577.6	4263536.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003888	0	0.86207E-02	518557.9	4263522.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003889	0	0.86207E-02	518538.2	4263507.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003890	0	0.86207E-02	518518.6	4263493.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003891	0	0.86207E-02	518498.9	4263479.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003892	0	0.86207E-02	518496.6	4263461.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003893	0	0.86207E-02	518509.0	4263440.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003894	0	0.86207E-02	518521.3	4263418.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003895	0	0.86207E-02	518533.6	4263397.9	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003896         0   0.86207E-02  518546.0 4263376.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003897         0   0.86207E-02  518558.3 4263355.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003898         0   0.86207E-02  518575.6 4263353.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003899         0   0.86207E-02  518596.8 4263365.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003900         0   0.86207E-02  518618.0 4263377.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003901         0   0.86207E-02  518641.5 4263380.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003902         0   0.86207E-02  518665.8 4263379.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003903         0   0.86207E-02  518690.2 4263378.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003904         0   0.86207E-02  518710.6 4263388.8    36.3     3.66    11.34
3.40     YES   HRDOW
 L0003905         0   0.86207E-02  518722.4 4263405.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003906         0   0.86207E-02  518708.6 4263425.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003907         0   0.86207E-02  518694.9 4263445.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003908         0   0.86207E-02  518681.2 4263465.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003909         0   0.86207E-02  518667.4 4263486.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003910         0   0.86207E-02  518653.7 4263506.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003911         0   0.86207E-02  518640.0 4263526.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003912         0   0.86207E-02  518626.2 4263546.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003913         0   0.86207E-02  518612.5 4263566.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003914         0   0.86207E-02  518598.8 4263586.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003915         0   0.86207E-02  518585.0 4263607.0    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003916	0	0.86207E-02	518571.3	4263627.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003917	0	0.86207E-02	518557.5	4263647.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003918	0	0.86207E-02	518543.8	4263667.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003919	0	0.86207E-02	518534.8	4263655.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003920	0	0.86207E-02	518547.9	4263634.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003921	0	0.86207E-02	518561.0	4263614.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003922	0	0.86207E-02	518574.1	4263593.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003923	0	0.86207E-02	518587.2	4263573.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003924	0	0.86207E-02	518600.3	4263552.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003925	0	0.86207E-02	518613.3	4263532.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003926	0	0.86207E-02	518609.5	4263515.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003927	0	0.86207E-02	518588.7	4263502.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003928	0	0.86207E-02	518567.8	4263490.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003929	0	0.86207E-02	518546.9	4263477.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003930	0	0.86207E-02	518526.1	4263464.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003931	0	0.86207E-02	518532.6	4263444.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003932	0	0.86207E-02	518544.2	4263423.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003933	0	0.86207E-02	518561.7	4263428.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003934	0	0.86207E-02	518581.3	4263442.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003935	0	0.86207E-02	518600.9	4263457.4	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003936         0   0.86207E-02  518620.4 4263471.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003937         0   0.86207E-02  518639.1 4263473.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003938         0   0.86207E-02  518656.3 4263456.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003939         0   0.86207E-02  518657.4 4263442.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003940         0   0.86207E-02  518635.4 4263431.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003941         0   0.86207E-02  518613.5 4263420.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003942         0   0.86207E-02  518591.6 4263410.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003943         0   0.86207E-02  518569.7 4263399.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003944         0   0.86207E-02  518573.3 4263383.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003945         0   0.86207E-02  518596.9 4263389.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003946         0   0.86207E-02  518620.4 4263395.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003947         0   0.86207E-02  518644.0 4263402.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003948         0   0.86207E-02  518667.6 4263408.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003589         0   0.78125E-02  518509.5 4263724.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003590         0   0.78125E-02  518489.2 4263711.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003591         0   0.78125E-02  518468.9 4263697.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003592         0   0.78125E-02  518460.3 4263707.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003593         0   0.78125E-02  518458.9 4263732.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003594         0   0.78125E-02  518464.8 4263755.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003595         0   0.78125E-02  518471.4 4263754.6    36.0     3.66    11.34
3.40     YES   HRDOW
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003596	0	0.78125E-02	518472.3	4263730.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003597	0	0.78125E-02	518478.8	4263721.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003598	0	0.78125E-02	518488.9	4263740.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003599	0	0.78125E-02	518489.6	4263765.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003600	0	0.78125E-02	518498.4	4263765.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003601	0	0.78125E-02	518513.8	4263746.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003602	0	0.78125E-02	518529.2	4263728.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003603	0	0.78125E-02	518544.6	4263709.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003604	0	0.78125E-02	518558.7	4263689.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003605	0	0.78125E-02	518572.0	4263668.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003606	0	0.78125E-02	518585.3	4263648.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003607	0	0.78125E-02	518598.7	4263628.0	36.0	3.66	11.34	3.40	YES	HRDOW
L0003608	0	0.78125E-02	518612.0	4263607.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003609	0	0.78125E-02	518625.3	4263587.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003610	0	0.78125E-02	518638.7	4263566.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003611	0	0.78125E-02	518652.0	4263546.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003612	0	0.78125E-02	518665.7	4263526.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003613	0	0.78125E-02	518679.8	4263506.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003614	0	0.78125E-02	518693.9	4263486.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003615	0	0.78125E-02	518708.0	4263466.5	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003616         0   0.78125E-02  518722.1 4263446.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003617         0   0.78125E-02  518736.2 4263426.7    36.4     3.66    11.34
3.40     YES   HRDOW
 L0003618         0   0.78125E-02  518750.3 4263406.8    36.9     3.66    11.34
3.40     YES   HRDOW
 L0003619         0   0.78125E-02  518764.4 4263386.9    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003620         0   0.78125E-02  518778.6 4263367.0    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003621         0   0.78125E-02  518791.0 4263346.2    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003622         0   0.78125E-02  518800.0 4263323.6    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003623         0   0.78125E-02  518808.4 4263301.8    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003624         0   0.78125E-02  518793.4 4263321.0    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003625         0   0.78125E-02  518778.4 4263340.2    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003626         0   0.78125E-02  518763.0 4263355.9    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003627         0   0.78125E-02  518744.3 4263340.3    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003628         0   0.78125E-02  518755.2 4263324.8    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003629         0   0.78125E-02  518774.1 4263309.4    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003630         0   0.78125E-02  518759.6 4263296.8    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003631         0   0.78125E-02  518741.5 4263296.4    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003632         0   0.78125E-02  518729.2 4263317.5    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003633         0   0.78125E-02  518715.9 4263305.8    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003634         0   0.78125E-02  518696.2 4263296.1    37.0     3.66    11.34
3.40     YES   HRDOW
 L0003635         0   0.78125E-02  518671.9 4263294.2    36.3     3.66    11.34
3.40     YES   HRDOW
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003636	0	0.78125E-02	518647.6	4263292.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003637	0	0.78125E-02	518623.2	4263291.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003638	0	0.78125E-02	518598.9	4263290.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003639	0	0.78125E-02	518574.7	4263287.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003640	0	0.78125E-02	518550.8	4263283.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003641	0	0.78125E-02	518526.5	4263283.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003642	0	0.78125E-02	518502.1	4263284.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003643	0	0.78125E-02	518477.8	4263285.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003644	0	0.78125E-02	518469.2	4263302.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003645	0	0.78125E-02	518468.9	4263326.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003646	0	0.78125E-02	518468.6	4263351.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003647	0	0.78125E-02	518468.3	4263375.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003648	0	0.78125E-02	518468.1	4263399.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003649	0	0.78125E-02	518481.0	4263388.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003650	0	0.78125E-02	518487.6	4263366.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003651	0	0.78125E-02	518485.8	4263342.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003652	0	0.78125E-02	518483.9	4263318.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003653	0	0.78125E-02	518495.7	4263304.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003654	0	0.78125E-02	518503.8	4263320.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003655	0	0.78125E-02	518506.0	4263344.7	36.0	3.66	11.34			

```
3.40     YES   HRDOW
 L0003656         0   0.78125E-02  518519.4 4263331.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003657         0   0.78125E-02  518534.5 4263312.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003658         0   0.78125E-02  518557.4 4263306.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003659         0   0.78125E-02  518581.6 4263304.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003660         0   0.78125E-02  518605.8 4263307.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003661         0   0.78125E-02  518630.1 4263309.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003662         0   0.78125E-02  518654.4 4263312.2    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003663         0   0.78125E-02  518678.6 4263314.6    36.5     3.66    11.34
3.40     YES   HRDOW
 L0003664         0   0.78125E-02  518675.6 4263333.8    36.2     3.66    11.34
3.40     YES   HRDOW
 L0003665         0   0.78125E-02  518655.7 4263335.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003666         0   0.78125E-02  518632.1 4263329.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003667         0   0.78125E-02  518627.0 4263332.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003668         0   0.78125E-02  518646.8 4263346.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003669         0   0.78125E-02  518666.5 4263360.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003670         0   0.78125E-02  518665.4 4263380.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003671         0   0.78125E-02  518651.8 4263400.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003672         0   0.78125E-02  518638.2 4263420.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003673         0   0.78125E-02  518624.6 4263440.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003674         0   0.78125E-02  518613.1 4263450.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003675         0   0.78125E-02  518610.0 4263426.2    36.0     3.66    11.34
3.40     YES   HRDOW
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003676	0	0.78125E-02	518607.3	4263417.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003677	0	0.78125E-02	518591.0	4263435.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003678	0	0.78125E-02	518574.7	4263453.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003679	0	0.78125E-02	518558.3	4263471.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003680	0	0.78125E-02	518561.1	4263486.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003681	0	0.78125E-02	518553.3	4263506.1	36.0	3.66	11.34	3.40	YES	HRDOW
L0003682	0	0.78125E-02	518541.4	4263527.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003683	0	0.78125E-02	518530.8	4263545.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003684	0	0.78125E-02	518538.5	4263562.7	36.0	3.66	11.34	3.40	YES	HRDOW
L0003685	0	0.78125E-02	518524.4	4263582.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003686	0	0.78125E-02	518510.2	4263602.4	36.0	3.66	11.34	3.40	YES	HRDOW
L0003687	0	0.78125E-02	518496.1	4263622.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003688	0	0.78125E-02	518481.5	4263639.9	36.0	3.66	11.34	3.40	YES	HRDOW
L0003689	0	0.78125E-02	518473.3	4263625.2	36.0	3.66	11.34	3.40	YES	HRDOW
L0003690	0	0.78125E-02	518487.4	4263605.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003691	0	0.78125E-02	518501.6	4263585.5	36.0	3.66	11.34	3.40	YES	HRDOW
L0003692	0	0.78125E-02	518515.8	4263565.6	36.0	3.66	11.34	3.40	YES	HRDOW
L0003693	0	0.78125E-02	518497.9	4263549.3	36.0	3.66	11.34	3.40	YES	HRDOW
L0003694	0	0.78125E-02	518481.1	4263531.8	36.0	3.66	11.34	3.40	YES	HRDOW
L0003695	0	0.78125E-02	518465.5	4263513.0	36.0	3.66	11.34			

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3.40     YES   HRDOW
 L0003696         0   0.78125E-02  518455.7 4263492.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003697         0   0.78125E-02  518455.7 4263467.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003698         0   0.78125E-02  518455.7 4263443.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003699         0   0.78125E-02  518455.7 4263419.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003700         0   0.78125E-02  518446.1 4263411.6    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003701         0   0.78125E-02  518445.7 4263436.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003702         0   0.78125E-02  518445.4 4263460.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003703         0   0.78125E-02  518445.0 4263484.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003704         0   0.78125E-02  518444.7 4263509.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003705         0   0.78125E-02  518444.3 4263533.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003706         0   0.78125E-02  518444.0 4263557.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003707         0   0.78125E-02  518443.6 4263582.3    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003708         0   0.78125E-02  518443.1 4263606.7    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003709         0   0.78125E-02  518442.1 4263631.0    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003710         0   0.78125E-02  518441.1 4263655.4    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003711         0   0.78125E-02  518440.1 4263679.8    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003712         0   0.78125E-02  518439.2 4263704.1    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003713         0   0.78125E-02  518438.9 4263728.5    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003714         0   0.78125E-02  518438.5 4263752.9    36.0     3.66    11.34
3.40     YES   HRDOW
 L0003715         0   0.78125E-02  518438.1 4263777.3    35.8     3.66    11.34
3.40     YES   HRDOW
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003716	0	0.78125E-02	518446.9	4263796.4	35.8	3.66	11.34	3.40	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
BCAC	L0003473 , L0003474 , L0003475 , L0003476 , L0003477 , L0003478 , L0003479 , L0003480 ,
	L0003481 , L0003482 , L0003483 , L0003484 , L0003485 , L0003486 , L0003487 , L0003488 ,
	L0003489 , L0003490 , L0003491 , L0003492 , L0003493 , L0003494 , L0003495 , L0003496 ,
	L0003497 , L0003498 , L0003499 , L0003500 , L0003501 , L0003502 , L0003503 , L0003504 ,
	L0003505 , L0003506 , L0003507 , L0003508 , L0003509 , L0003510 , L0003511 , L0003512 ,
	L0003513 , L0003514 , L0003515 , L0003516 , L0003517 , L0003518 , L0003519 , L0003520 ,
	L0003521 , L0003522 , L0003523 , L0003524 , L0003525 , L0003526 , L0003527 , L0003528 ,
	L0003529 , L0003530 , L0003531 , L0003532 , L0003533 , L0003534 , L0003535 , L0003536 ,
	L0003537 , L0003538 , L0003539 , L0003540 , L0003541 , L0003542 , L0003543 , L0003544 ,
	L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 ,
	L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 ,
	L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , L0003568 ,
	L0003569 , L0003570 , L0003571 , L0003572 , L0003573 , L0003574 , L0003575 , L0003576 ,
	L0003577 , L0003578 , L0003579 , L0003580 , L0003581 , L0003582 , L0003583 , L0003584 ,
	L0003585 , L0003586 , L0003587 , L0003588 ,

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  DEMO1      L0003194    , L0003195    , L0003196    , L0003197    ,
L0003198    , L0003199    , L0003200    , L0003201    ,

             L0003202    , L0003203    , L0003204    , L0003205    ,
L0003206    , L0003207    , L0003208    , L0003209    ,

             L0003210    , L0003211    , L0003212    , L0003213    ,
L0003214    , L0003215    , L0003216    , L0003217    ,

             L0003218    , L0003219    , L0003220    , L0003221    ,
L0003222    , L0003223    , L0003224    , L0003225    ,

             L0003226    , L0003227    , L0003228    , L0003229    ,
L0003230    , L0003231    , L0003232    , L0003233    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0003234 , L0003235 , L0003236 , L0003237 , L0003238 , L0003239 , L0003240 ,
DGP2	L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 ,
	L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,
DGP3	L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 ,
	L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 ,
	L0003285 , L0003286 , L0003287 ,
HAUL1A	L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 ,
	L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,
HAUL1B	L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 ,
	L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 ,
	L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 ,
	L0003418 , L0003419 ,
HAUL1C	L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 ,
	L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,
HAUL2A	L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 ,

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            L0003428    , L0003429    , L0003430    , L0003431    ,
L0003432    , L0003433    , L0003434    , L0003435    ,

            L0003436    , L0003437    ,

  HAUL2B    L0003288    , L0003289    , L0003290    , L0003291    ,
L0003292    , L0003293    , L0003294    , L0003295    ,

            L0003296    , L0003297    , L0003298    , L0003299    ,
L0003300    , L0003301    , L0003302    , L0003303    ,

            L0003304    , L0003305    , L0003306    , L0003307    ,
L0003308    , L0003309    , L0003310    , L0003311    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0003312 , L0003313 , L0003314 , L0003315 , L0003316 , L0003317 , L0003318 , L0003319 ,
	L0003320 , L0003321 , L0003322 , L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
	L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
HAUL3	L0003438 , L0003439 , L0003440 , L0003441 , L0003442 , L0003443 , L0003444 , L0003445 ,
	L0003446 , L0003447 , L0003448 , L0003449 , L0003450 , L0003451 , L0003452 , L0003453 ,
	L0003454 , L0003455 , L0003456 , L0003457 , L0003458 , L0003459 , L0003460 , L0003461 ,
	L0003462 , L0003463 , L0003464 , L0003465 , L0003466 , L0003467 , L0003468 , L0003469 ,
	L0003470 , L0003471 , L0003472 ,
IDLE1	L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,
IDLE2	L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 ,
	L0003351 , L0003352 , L0003353 ,
IDLE3	L0003354 , L0003355 , L0003356 , L0003357 ,
IDLE4	L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 ,
	L0003366 , L0003367 , L0003368 ,
IDLE5	L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 ,
	L0003377 , L0003378 , L0003379 ,

PAV L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 ,

L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 ,

L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,

L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
	L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , L0003636 ,
	L0003637 , L0003638 , L0003639 , L0003640 , L0003641 , L0003642 , L0003643 , L0003644 ,
	L0003645 , L0003646 , L0003647 , L0003648 , L0003649 , L0003650 , L0003651 , L0003652 ,
	L0003653 , L0003654 , L0003655 , L0003656 , L0003657 , L0003658 , L0003659 , L0003660 ,
	L0003661 , L0003662 , L0003663 , L0003664 , L0003665 , L0003666 , L0003667 , L0003668 ,
	L0003669 , L0003670 , L0003671 , L0003672 , L0003673 , L0003674 , L0003675 , L0003676 ,
	L0003677 , L0003678 , L0003679 , L0003680 , L0003681 , L0003682 , L0003683 , L0003684 ,
	L0003685 , L0003686 , L0003687 , L0003688 , L0003689 , L0003690 , L0003691 , L0003692 ,
	L0003693 , L0003694 , L0003695 , L0003696 , L0003697 , L0003698 , L0003699 , L0003700 ,
	L0003701 , L0003702 , L0003703 , L0003704 , L0003705 , L0003706 , L0003707 , L0003708 ,
	L0003709 , L0003710 , L0003711 , L0003712 , L0003713 , L0003714 , L0003715 , L0003716 ,
SPG	L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 ,
	L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 ,
	L0003048 , L0003049 , L0003050 , L0003051 ,

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L0003052    , L0003053    , L0003054    , L0003055    ,
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L0003060    , L0003061    , L0003062    , L0003063    ,
             L0003064    , L0003065    , L0003066    , L0003067    ,
L0003068    , L0003069    , L0003070    , L0003071    ,
             L0003072    , L0003073    , L0003074    , L0003075    ,
L0003076    , L0003077    , L0003078    , L0003079    ,
             L0003080    , L0003081    , L0003082    , L0003083    ,
L0003084    , L0003085    , L0003086    , L0003087    ,
             L0003088    , L0003089    , L0003090    , L0003091    ,
L0003092    , L0003093    , L0003094    , L0003095    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003104 , L0003105 , L0003106 , L0003107 , L0003108 , L0003109 , L0003110 , L0003111 ,
	L0003112 , L0003113 , L0003114 , L0003115 , L0003116 , L0003117 , L0003118 , L0003119 ,
	L0003120 , L0003121 , L0003122 , L0003123 , L0003124 , L0003125 , L0003126 , L0003127 ,
	L0003128 , L0003129 , L0003130 , L0003131 , L0003132 , L0003133 , L0003134 , L0003135 ,
	L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 , L0003143 ,
	L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 , L0003151 ,
	L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 , L0003159 ,
	L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , L0003166 , L0003167 ,
	L0003168 , L0003169 , L0003170 , L0003171 , L0003172 , L0003173 , L0003174 , L0003175 ,
	L0003176 , L0003177 , L0003178 , L0003179 , L0003180 , L0003181 , L0003182 , L0003183 ,
	L0003184 , L0003185 , L0003186 , L0003187 , L0003188 , L0003189 , L0003190 , L0003191 ,
	L0003192 , L0003193 ,
FOUND	L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 ,
	L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 ,

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             L0003857    , L0003858    , L0003859    , L0003860    ,
L0003861    , L0003862    , L0003863    , L0003864    ,

             L0003865    , L0003866    , L0003867    , L0003868    ,
L0003869    , L0003870    , L0003871    , L0003872    ,

             L0003873    , L0003874    , L0003875    , L0003876    ,
L0003877    , L0003878    , L0003879    , L0003880    ,

             L0003881    , L0003882    , L0003883    , L0003884    ,
L0003885    , L0003886    , L0003887    , L0003888    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003897 , L0003898 , L0003899 , L0003900 , L0003901 , L0003902 , L0003903 , L0003904 ,
	L0003905 , L0003906 , L0003907 , L0003908 , L0003909 , L0003910 , L0003911 , L0003912 ,
	L0003913 , L0003914 , L0003915 , L0003916 , L0003917 , L0003918 , L0003919 , L0003920 ,
	L0003921 , L0003922 , L0003923 , L0003924 , L0003925 , L0003926 , L0003927 , L0003928 ,
	L0003929 , L0003930 , L0003931 , L0003932 , L0003933 , L0003934 , L0003935 , L0003936 ,
	L0003937 , L0003938 , L0003939 , L0003940 , L0003941 , L0003942 , L0003943 , L0003944 ,
	L0003945 , L0003946 , L0003947 , L0003948 ,
ALL	L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 ,
	L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 ,
	L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 ,
	L0003056 , L0003057 , L0003058 , L0003059 , L0003060 , L0003061 , L0003062 , L0003063 ,
	L0003064 , L0003065 , L0003066 , L0003067 , L0003068 , L0003069 , L0003070 , L0003071 ,
	L0003072 , L0003073 , L0003074 , L0003075 , L0003076 , L0003077 , L0003078 , L0003079 ,
	L0003080 , L0003081 , L0003082 , L0003083 , L0003084 , L0003085 , L0003086 , L0003087 ,

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             L0003088    , L0003089    , L0003090    , L0003091    ,
L0003092    , L0003093    , L0003094    , L0003095    ,

             L0003096    , L0003097    , L0003098    , L0003099    ,
L0003100    , L0003101    , L0003102    , L0003103    ,

             L0003104    , L0003105    , L0003106    , L0003107    ,
L0003108    , L0003109    , L0003110    , L0003111    ,

             L0003112    , L0003113    , L0003114    , L0003115    ,
L0003116    , L0003117    , L0003118    , L0003119    ,

             L0003120    , L0003121    , L0003122    , L0003123    ,
L0003124    , L0003125    , L0003126    , L0003127    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 , L0003143 ,
	L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 , L0003151 ,
	L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 , L0003159 ,
	L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , L0003166 , L0003167 ,
	L0003168 , L0003169 , L0003170 , L0003171 , L0003172 , L0003173 , L0003174 , L0003175 ,
	L0003176 , L0003177 , L0003178 , L0003179 , L0003180 , L0003181 , L0003182 , L0003183 ,
	L0003184 , L0003185 , L0003186 , L0003187 , L0003188 , L0003189 , L0003190 , L0003191 ,
	L0003192 , L0003193 , L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 ,
	L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 ,
	L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 ,
	L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , L0003222 , L0003223 ,
	L0003224 , L0003225 , L0003226 , L0003227 , L0003228 , L0003229 , L0003230 , L0003231 ,
	L0003232 , L0003233 , L0003234 , L0003235 , L0003236 , L0003237 , L0003238 , L0003239 ,
	L0003240 , L0003241 , L0003242 , L0003243 ,

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L0003244    , L0003245    , L0003246    , L0003247    ,

             L0003248    , L0003249    , L0003250    , L0003251    ,
L0003252    , L0003253    , L0003254    , L0003255    ,

             L0003256    , L0003257    , L0003258    , L0003259    ,
L0003260    , L0003261    , L0003262    , L0003263    ,

             L0003264    , L0003265    , L0003266    , L0003267    ,
L0003268    , L0003269    , L0003270    , L0003271    ,

             L0003272    , L0003273    , L0003274    , L0003275    ,
L0003276    , L0003277    , L0003278    , L0003279    ,

             L0003280    , L0003281    , L0003282    , L0003283    ,
L0003284    , L0003285    , L0003286    , L0003287    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003296 , L0003297 , L0003298 , L0003299 , L0003300 , L0003301 , L0003302 , L0003303 ,
	L0003304 , L0003305 , L0003306 , L0003307 , L0003308 , L0003309 , L0003310 , L0003311 ,
	L0003312 , L0003313 , L0003314 , L0003315 , L0003316 , L0003317 , L0003318 , L0003319 ,
	L0003320 , L0003321 , L0003322 , L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
	L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
	L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 , L0003343 ,
	L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 ,
	L0003352 , L0003353 , L0003354 , L0003355 , L0003356 , L0003357 , L0003358 , L0003359 ,
	L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 ,
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	L0003376 , L0003377 , L0003378 , L0003379 , L0003380 , L0003381 , L0003382 , L0003383 ,
	L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 ,
	L0003392 , L0003393 , L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 ,
	L0003400 , L0003401 , L0003402 , L0003403 ,

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L0003404    , L0003405    , L0003406    , L0003407    ,

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L0003412    , L0003413    , L0003414    , L0003415    ,

             L0003416    , L0003417    , L0003418    , L0003419    ,
L0003420    , L0003421    , L0003422    , L0003423    ,

             L0003424    , L0003425    , L0003426    , L0003427    ,
L0003428    , L0003429    , L0003430    , L0003431    ,

             L0003432    , L0003433    , L0003434    , L0003435    ,
L0003436    , L0003437    , L0003438    , L0003439    ,

             L0003440    , L0003441    , L0003442    , L0003443    ,
L0003444    , L0003445    , L0003446    , L0003447    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003456 , L0003457 , L0003458 , L0003459 , L0003460 , L0003461 , L0003462 , L0003463 ,
	L0003464 , L0003465 , L0003466 , L0003467 , L0003468 , L0003469 , L0003470 , L0003471 ,
	L0003472 , L0003473 , L0003474 , L0003475 , L0003476 , L0003477 , L0003478 , L0003479 ,
	L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 , L0003486 , L0003487 ,
	L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 , L0003494 , L0003495 ,
	L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , L0003501 , L0003502 , L0003503 ,
	L0003504 , L0003505 , L0003506 , L0003507 , L0003508 , L0003509 , L0003510 , L0003511 ,
	L0003512 , L0003513 , L0003514 , L0003515 , L0003516 , L0003517 , L0003518 , L0003519 ,
	L0003520 , L0003521 , L0003522 , L0003523 , L0003524 , L0003525 , L0003526 , L0003527 ,
	L0003528 , L0003529 , L0003530 , L0003531 , L0003532 , L0003533 , L0003534 , L0003535 ,
	L0003536 , L0003537 , L0003538 , L0003539 , L0003540 , L0003541 , L0003542 , L0003543 ,
	L0003544 , L0003545 , L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 ,
	L0003552 , L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 ,
	L0003560 , L0003561 , L0003562 , L0003563 ,

L0003564 , L0003565 , L0003566 , L0003567 ,

L0003568 , L0003569 , L0003570 , L0003571 ,
L0003572 , L0003573 , L0003574 , L0003575 ,

L0003576 , L0003577 , L0003578 , L0003579 ,
L0003580 , L0003581 , L0003582 , L0003583 ,

L0003584 , L0003585 , L0003586 , L0003587 ,
L0003588 , L0003833 , L0003834 , L0003835 ,

L0003836 , L0003837 , L0003838 , L0003839 ,
L0003840 , L0003841 , L0003842 , L0003843 ,

L0003844 , L0003845 , L0003846 , L0003847 ,
L0003848 , L0003849 , L0003850 , L0003851 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003860 , L0003861 , L0003862 , L0003863 , L0003864 , L0003865 , L0003866 , L0003867 ,
	L0003868 , L0003869 , L0003870 , L0003871 , L0003872 , L0003873 , L0003874 , L0003875 ,
	L0003876 , L0003877 , L0003878 , L0003879 , L0003880 , L0003881 , L0003882 , L0003883 ,
	L0003884 , L0003885 , L0003886 , L0003887 , L0003888 , L0003889 , L0003890 , L0003891 ,
	L0003892 , L0003893 , L0003894 , L0003895 , L0003896 , L0003897 , L0003898 , L0003899 ,
	L0003900 , L0003901 , L0003902 , L0003903 , L0003904 , L0003905 , L0003906 , L0003907 ,
	L0003908 , L0003909 , L0003910 , L0003911 , L0003912 , L0003913 , L0003914 , L0003915 ,
	L0003916 , L0003917 , L0003918 , L0003919 , L0003920 , L0003921 , L0003922 , L0003923 ,
	L0003924 , L0003925 , L0003926 , L0003927 , L0003928 , L0003929 , L0003930 , L0003931 ,
	L0003932 , L0003933 , L0003934 , L0003935 , L0003936 , L0003937 , L0003938 , L0003939 ,
	L0003940 , L0003941 , L0003942 , L0003943 , L0003944 , L0003945 , L0003946 , L0003947 ,
	L0003948 , L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 ,
	L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 ,
	L0003604 , L0003605 , L0003606 , L0003607 ,

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             L0003612    , L0003613    , L0003614    , L0003615    ,
L0003616    , L0003617    , L0003618    , L0003619    ,

             L0003620    , L0003621    , L0003622    , L0003623    ,
L0003624    , L0003625    , L0003626    , L0003627    ,

             L0003628    , L0003629    , L0003630    , L0003631    ,
L0003632    , L0003633    , L0003634    , L0003635    ,

             L0003636    , L0003637    , L0003638    , L0003639    ,
L0003640    , L0003641    , L0003642    , L0003643    ,

             L0003644    , L0003645    , L0003646    , L0003647    ,
L0003648    , L0003649    , L0003650    , L0003651    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0003660 , L0003661 , L0003662 , L0003663 , L0003664 , L0003665 , L0003666 , L0003667 ,
	L0003668 , L0003669 , L0003670 , L0003671 , L0003672 , L0003673 , L0003674 , L0003675 ,
	L0003676 , L0003677 , L0003678 , L0003679 , L0003680 , L0003681 , L0003682 , L0003683 ,
	L0003684 , L0003685 , L0003686 , L0003687 , L0003688 , L0003689 , L0003690 , L0003691 ,
	L0003692 , L0003693 , L0003694 , L0003695 , L0003696 , L0003697 , L0003698 , L0003699 ,
	L0003700 , L0003701 , L0003702 , L0003703 , L0003704 , L0003705 , L0003706 , L0003707 ,
	L0003708 , L0003709 , L0003710 , L0003711 , L0003712 , L0003713 , L0003714 , L0003715 ,
	L0003716 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	485887.	L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 ,
		L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 ,
		L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 ,
		L0003056 , L0003057 , L0003058 , L0003059 , L0003060 , L0003061 , L0003062 , L0003063 ,
		L0003064 , L0003065 , L0003066 , L0003067 , L0003068 , L0003069 , L0003070 , L0003071 ,
		L0003072 , L0003073 , L0003074 , L0003075 , L0003076 , L0003077 , L0003078 , L0003079 ,
		L0003080 , L0003081 , L0003082 , L0003083 , L0003084 , L0003085 , L0003086 , L0003087 ,
		L0003088 , L0003089 , L0003090 , L0003091 , L0003092 , L0003093 , L0003094 , L0003095 ,
		L0003096 , L0003097 , L0003098 , L0003099 , L0003100 , L0003101 , L0003102 , L0003103 ,
		L0003104 , L0003105 , L0003106 , L0003107 , L0003108 , L0003109 , L0003110 , L0003111 ,
		L0003112 , L0003113 , L0003114 , L0003115 , L0003116 , L0003117 , L0003118 , L0003119 ,
		L0003120 , L0003121 , L0003122 , L0003123 , L0003124 , L0003125 , L0003126 , L0003127 ,
		L0003128 , L0003129 , L0003130 , L0003131 , L0003132 , L0003133 , L0003134 , L0003135 ,
		L0003136 , L0003137 , L0003138 , L0003139 , L0003140 , L0003141 , L0003142 , L0003143 ,

L0003144 , L0003145 , L0003146 , L0003147 ,
L0003148 , L0003149 , L0003150 , L0003151 ,

L0003152 , L0003153 , L0003154 , L0003155 ,
L0003156 , L0003157 , L0003158 , L0003159 ,

L0003160 , L0003161 , L0003162 , L0003163 ,
L0003164 , L0003165 , L0003166 , L0003167 ,

L0003168 , L0003169 , L0003170 , L0003171 ,
L0003172 , L0003173 , L0003174 , L0003175 ,

L0003176 , L0003177 , L0003178 , L0003179 ,
L0003180 , L0003181 , L0003182 , L0003183 ,

L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 ,

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L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

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L0003296 , L0003297 , L0003298 , L0003299 , L0003300 , L0003301 , L0003302 , L0003303 ,

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L0003316    , L0003317    , L0003318    , L0003319    ,

             L0003320    , L0003321    , L0003322    , L0003323    ,
L0003324    , L0003325    , L0003326    , L0003327    ,

             L0003328    , L0003329    , L0003330    , L0003331    ,
L0003332    , L0003333    , L0003334    , L0003335    ,

             L0003336    , L0003337    , L0003338    , L0003339    ,
L0003340    , L0003341    , L0003342    , L0003343    ,

             L0003344    , L0003345    , L0003346    , L0003347    ,
L0003348    , L0003349    , L0003350    , L0003351    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0003464 , L0003465 , L0003466 , L0003467 ,

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L0003468    , L0003469    , L0003470    , L0003471    ,

             L0003472    , L0003473    , L0003474    , L0003475    ,
L0003476    , L0003477    , L0003478    , L0003479    ,

             L0003480    , L0003481    , L0003482    , L0003483    ,
L0003484    , L0003485    , L0003486    , L0003487    ,

             L0003488    , L0003489    , L0003490    , L0003491    ,
L0003492    , L0003493    , L0003494    , L0003495    ,

             L0003496    , L0003497    , L0003498    , L0003499    ,
L0003500    , L0003501    , L0003502    , L0003503    ,

             L0003504    , L0003505    , L0003506    , L0003507    ,
L0003508    , L0003509    , L0003510    , L0003511    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0003512 , L0003513 , L0003514 , L0003515 , L0003516 , L0003517 , L0003518 , L0003519 ,

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L0003868 , L0003869 , L0003870 , L0003871 ,

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L0003880    , L0003881    , L0003882    , L0003883    ,

             L0003884    , L0003885    , L0003886    , L0003887    ,
L0003888    , L0003889    , L0003890    , L0003891    ,

             L0003892    , L0003893    , L0003894    , L0003895    ,
L0003896    , L0003897    , L0003898    , L0003899    ,

             L0003900    , L0003901    , L0003902    , L0003903    ,
L0003904    , L0003905    , L0003906    , L0003907    ,

             L0003908    , L0003909    , L0003910    , L0003911    ,
L0003912    , L0003913    , L0003914    , L0003915    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0003916 , L0003917 , L0003918 , L0003919 ,
L0003920 , L0003921 , L0003922 , L0003923 ,

L0003924 , L0003925 , L0003926 , L0003927 ,
L0003928 , L0003929 , L0003930 , L0003931 ,

L0003932 , L0003933 , L0003934 , L0003935 ,
L0003936 , L0003937 , L0003938 , L0003939 ,

L0003940 , L0003941 , L0003942 , L0003943 ,
L0003944 , L0003945 , L0003946 , L0003947 ,

L0003948 , L0003589 , L0003590 , L0003591 ,
L0003592 , L0003593 , L0003594 , L0003595 ,

L0003596 , L0003597 , L0003598 , L0003599 ,
L0003600 , L0003601 , L0003602 , L0003603 ,

L0003604 , L0003605 , L0003606 , L0003607 ,
L0003608 , L0003609 , L0003610 , L0003611 ,

L0003612 , L0003613 , L0003614 , L0003615 ,
L0003616 , L0003617 , L0003618 , L0003619 ,

L0003620 , L0003621 , L0003622 , L0003623 ,
L0003624 , L0003625 , L0003626 , L0003627 ,

L0003628 , L0003629 , L0003630 , L0003631 ,
L0003632 , L0003633 , L0003634 , L0003635 ,

L0003636 , L0003637 , L0003638 , L0003639 ,
L0003640 , L0003641 , L0003642 , L0003643 ,

L0003644 , L0003645 , L0003646 , L0003647 ,
L0003648 , L0003649 , L0003650 , L0003651 ,

L0003652 , L0003653 , L0003654 , L0003655 ,
L0003656 , L0003657 , L0003658 , L0003659 ,

L0003660 , L0003661 , L0003662 , L0003663 ,
L0003664 , L0003665 , L0003666 , L0003667 ,

L0003668 , L0003669 , L0003670 , L0003671 ,

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L0003672    , L0003673    , L0003674    , L0003675    ,

             L0003676    , L0003677    , L0003678    , L0003679    ,
L0003680    , L0003681    , L0003682    , L0003683    ,

             L0003684    , L0003685    , L0003686    , L0003687    ,
L0003688    , L0003689    , L0003690    , L0003691    ,

             L0003692    , L0003693    , L0003694    , L0003695    ,
L0003696    , L0003697    , L0003698    , L0003699    ,

             L0003700    , L0003701    , L0003702    , L0003703    ,
L0003704    , L0003705    , L0003706    , L0003707    ,

             L0003708    , L0003709    , L0003710    , L0003711    ,
L0003712    , L0003713    , L0003714    , L0003715    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	L0003716 ,	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003034 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003035 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003036 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003039 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003043 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003046 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003047 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003061 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003071 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003078 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003081 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003083 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003084 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003085 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003149 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003152 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003153 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003160 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003167 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003168 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003169 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003177 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003178 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003183 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003184 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003190 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003194 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003195 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003196 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003197 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003205 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003209 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003228 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003229 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003234 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003235 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003243 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003244 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003245 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003249 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003253 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003272 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003280 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003285 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003473 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003474 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003475 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003476 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003477 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003478 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003479 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003480 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003481 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003482 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003485 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003486 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003487 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003488 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003489 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003490 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003491 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003492 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003493 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003494 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003495 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003496 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003497 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003498 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003499 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003500 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003501 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003502 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003503 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003504 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003505 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003506 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003507 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003508 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003509 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003510 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003511 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003512 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003513 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003514 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003515 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003516 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003517 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003518 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003519 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003520 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003521 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003522 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003523 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003524 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003525 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003526 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003527 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003528 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003529 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003530 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003531 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003532 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003533 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003535 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003536 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003537 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003538 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003539 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003540 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003541 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003542 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003543 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003544 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003545 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003546 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003547 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003548 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003549 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003550 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003551 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003552 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003553 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003554 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003555 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003556 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003557 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003558 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003559 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003560 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003561 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003562 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003563 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003564 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003565 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003566 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003567 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003568 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003569 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003570 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003571 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003572 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003573 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003574 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003575 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003576 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003577 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003578 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003579 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003580 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003581 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003582 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003583 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003584 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003585 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003586 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003587 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003588 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003833 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003834 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003835 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003836 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003837 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003838 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003839 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003840 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003841 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003842 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003843 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003844 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003845 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003846 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003847 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003848 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003849 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003850 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003851 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003852 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003853 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003854 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003855 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003856 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003857 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003858 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003859 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003860 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003861 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003862 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003863 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003864 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003865 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003866 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003867 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003868 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003869 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003870 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003871 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003872 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003873 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003874 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003875 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003876 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003877 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003878 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003879 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003880 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003881 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003882 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003883 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003884 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003885 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003886 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003887 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003888 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003889 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003890 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003891 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003892 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003893 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003894 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003895 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003896 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003897 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003898 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003899 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003900 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003901 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003902 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003903 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003904 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003905 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003906 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003907 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003908 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003909 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003910 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003911 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003912 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003913 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003914 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003915 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003916 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003917 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003918 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003919 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003920 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003921 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003922 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003923 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003924 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003925 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003926 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003927 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003928 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003929 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003930 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003931 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003932 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003933 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003934 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003935 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003936 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003937 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003938 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003939 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SATURDAY

1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003940 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003941 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003942 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003943 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003944 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003945 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003946 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003947 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003948 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SATURDAY															
1	.1000E+01	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.1000E+01	24	.1000E+01
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003589 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003590 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003591 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003592 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003593 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003594 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003595 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003596 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003597 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003598 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003599 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003600 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003601 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003602 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003603 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003604 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003605 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003606 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003607 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003608 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003609 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003610 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003611 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003612 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003613 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003614 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003615 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003616 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003617 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003618 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003619 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003620 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003621 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003622 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003623 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003624 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003625 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003626 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003627 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003628 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003629 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003630 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003631 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003632 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003633 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003634 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003635 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003636 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003637 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003638 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003639 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003640 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003641 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003642 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003643 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003644 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003645 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003646 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003647 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003648 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003649 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003650 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003651 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003652 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003653 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003654 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003655 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003656 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003657 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003658 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003659 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003660 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003661 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003662 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003663 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003664 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003665 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003666 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003667 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003668 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003669 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003670 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003671 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003672 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003673 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003674 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003675 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003676 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003677 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003678 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003679 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003680 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003681 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003682 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003683 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003684 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003685 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003686 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003687 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003688 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003689 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003690 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003691 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003692 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003693 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003694 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003695 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003696 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003697 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003698 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003699 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003700 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003701 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003702 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003703 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003704 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003705 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003706 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003707 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003708 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003709 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003710 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003711 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003712 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003713 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003714 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003715 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0003716 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.1000E+01	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

517213.4, 517263.4, 517313.4, 517363.4, 517413.4,

*** Y-COORDINATES OF GRID ***
(METERS)

4264184.6, 4264234.6, 4264284.6, 4264334.6, 4264384.6,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	28.00	28.60	29.40	30.00	30.00
4264334.65	28.70	29.40	30.00	30.20	31.50
4264284.65	29.80	30.00	30.70	33.10	34.00
4264234.65	31.00	31.00	31.40	33.40	34.00
4264184.65	31.10	31.40	32.90	33.00	33.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	28.00	28.60	29.40	30.00	30.00
4264334.65	28.70	29.40	30.00	30.20	31.50
4264284.65	29.80	30.00	30.70	33.10	34.00
4264234.65	31.00	31.00	31.40	33.40	34.00
4264184.65	31.10	31.40	32.90	33.00	33.90

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(518453.5, 4263094.0, 36.0, 36.0, 0.0); (518478.5, 4263094.0, 36.0, 36.0, 0.0);
(518503.5, 4263094.0, 36.0, 36.0, 0.0); (518528.5, 4263094.0, 36.0, 36.0, 0.0);
(518553.5, 4263094.0, 36.0, 36.0, 0.0); (518578.5, 4263094.0, 36.0, 36.0, 0.0);
(518603.5, 4263094.0, 36.0, 36.0, 0.0); (518628.5, 4263094.0, 36.0, 36.0, 0.0);
(518653.5, 4263094.0, 36.0, 36.0, 0.0); (518678.5, 4263094.0, 36.5, 36.5, 0.0);
(518703.5, 4263094.0, 37.0, 37.0, 0.0); (518453.5, 4263119.0, 36.0, 36.0, 0.0);
(518478.5, 4263119.0, 36.0, 36.0, 0.0); (518503.5, 4263119.0, 36.0, 36.0, 0.0);
(518528.5, 4263119.0, 36.0, 36.0, 0.0); (518553.5, 4263119.0, 36.0, 36.0, 0.0);
(518578.5, 4263119.0, 36.0, 36.0, 0.0); (518603.5, 4263119.0, 36.0, 36.0, 0.0);
(518628.5, 4263119.0, 36.0, 36.0, 0.0); (518653.5, 4263119.0, 36.0, 36.0, 0.0);
(518678.5, 4263119.0, 36.5, 36.5, 0.0); (518703.5, 4263119.0, 37.0, 37.0, 0.0);
(518453.5, 4263144.0, 36.0, 36.0, 0.0); (518478.5, 4263144.0, 36.0, 36.0, 0.0);
(518503.5, 4263144.0, 36.0, 36.0, 0.0); (518528.5, 4263144.0, 36.0, 36.0, 0.0);
(518553.5, 4263144.0, 36.0, 36.0, 0.0); (518578.5, 4263144.0, 36.0, 36.0, 0.0);
(518603.5, 4263144.0, 36.0, 36.0, 0.0); (518628.5, 4263144.0, 36.0, 36.0, 0.0);
(518653.5, 4263144.0, 36.0, 36.0, 0.0); (518678.5, 4263144.0, 36.5, 36.5, 0.0);
(518703.5, 4263144.0, 37.0, 37.0, 0.0); (518453.5, 4263169.0, 36.0, 36.0, 0.0);
(518478.5, 4263169.0, 36.0, 36.0, 0.0); (518503.5, 4263169.0, 36.0, 36.0, 0.0);
(518528.5, 4263169.0, 36.0, 36.0, 0.0); (518553.5, 4263169.0, 36.0, 36.0, 0.0);
(518578.5, 4263169.0, 36.0, 36.0, 0.0); (518603.5, 4263169.0, 36.0, 36.0, 0.0);
(518628.5, 4263169.0, 36.0, 36.0, 0.0); (518653.5, 4263169.0, 36.0, 36.0, 0.0);
(518678.5, 4263169.0, 36.5, 36.5, 0.0); (518703.5, 4263169.0, 37.0, 37.0, 0.0);
(518453.5, 4263194.0, 36.0, 36.0, 0.0); (518478.5, 4263194.0, 36.0, 36.0, 0.0);

```
     ( 518503.5, 4263194.0,       36.0,       36.0,       0.0);         ( 518528.5,
4263194.0,       36.0,       36.0,       0.0);
     ( 518553.5, 4263194.0,       36.0,       36.0,       0.0);         ( 518578.5,
4263194.0,       36.0,       36.0,       0.0);
     ( 518603.5, 4263194.0,       36.0,       36.0,       0.0);         ( 518628.5,
4263194.0,       36.0,       36.0,       0.0);
     ( 518653.5, 4263194.0,       36.0,       36.0,       0.0);         ( 518678.5,
4263194.0,       36.5,       36.5,       0.0);
     ( 518703.5, 4263194.0,       37.0,       37.0,       0.0);         ( 518453.5,
4263219.0,       36.0,       36.0,       0.0);
     ( 518478.5, 4263219.0,       36.0,       36.0,       0.0);         ( 518503.5,
4263219.0,       36.0,       36.0,       0.0);
     ( 518528.5, 4263219.0,       36.0,       36.0,       0.0);         ( 518553.5,
4263219.0,       36.0,       36.0,       0.0);
     ( 518578.5, 4263219.0,       36.0,       36.0,       0.0);         ( 518603.5,
4263219.0,       36.0,       36.0,       0.0);
     ( 518628.5, 4263219.0,       36.0,       36.0,       0.0);         ( 518653.5,
4263219.0,       36.0,       36.0,       0.0);
     ( 518678.5, 4263219.0,       36.5,       36.5,       0.0);         ( 518703.5,
4263219.0,       37.0,       37.0,       0.0);
     ( 518453.5, 4263244.0,       36.0,       36.0,       0.0);         ( 518478.5,
4263244.0,       36.0,       36.0,       0.0);
     ( 518503.5, 4263244.0,       36.0,       36.0,       0.0);         ( 518528.5,
4263244.0,       36.0,       36.0,       0.0);
     ( 518553.5, 4263244.0,       36.0,       36.0,       0.0);         ( 518578.5,
4263244.0,       36.0,       36.0,       0.0);
     ( 518603.5, 4263244.0,       36.0,       36.0,       0.0);         ( 518628.5,
4263244.0,       36.0,       36.0,       0.0);
     ( 518653.5, 4263244.0,       36.0,       36.0,       0.0);         ( 518678.5,
4263244.0,       36.5,       36.5,       0.0);
     ( 518703.5, 4263244.0,       37.0,       37.0,       0.0);         ( 518527.9,
4263264.2,       36.0,       36.0,       0.0);
     ( 518552.6, 4263264.5,       36.0,       36.0,       0.0);         ( 518578.7,
4263266.6,       36.0,       36.0,       0.0);
     ( 518604.0, 4263266.3,       36.0,       36.0,       0.0);         ( 518628.5,
4263269.0,       36.0,       36.0,       0.0);
     ( 518653.5, 4263269.0,       36.0,       36.0,       0.0);         ( 518678.5,
4263269.0,       36.5,       36.5,       0.0);
     ( 518703.5, 4263269.0,       37.0,       37.0,       0.0);         ( 518503.6,
4263264.1,       36.0,       36.0,       0.0);
     ( 518475.9, 4263264.3,       36.0,       36.0,       0.0);         ( 519264.4,
4262891.5,       39.0,       39.0,       0.0);
     ( 519314.4, 4262891.5,       39.0,       39.0,       0.0);         ( 519364.4,
4262891.5,       39.0,       39.0,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(519414.4, 4262891.5, 39.0, 39.0, 0.0); (519264.4, 4262941.5, 39.0, 39.0, 0.0);
(519314.4, 4262941.5, 39.0, 39.0, 0.0); (519364.4, 4262941.5, 39.0, 39.0, 0.0);
(519414.4, 4262941.5, 39.0, 39.0, 0.0); (519264.4, 4262991.5, 39.0, 39.0, 0.0);
(519314.4, 4262991.5, 39.0, 39.0, 0.0); (519364.4, 4262991.5, 39.0, 39.0, 0.0);
(519414.4, 4262991.5, 39.0, 39.0, 0.0); (519264.4, 4263041.5, 39.0, 39.0, 0.0);
(519314.4, 4263041.5, 39.0, 39.0, 0.0); (519364.4, 4263041.5, 39.0, 39.0, 0.0);
(519414.4, 4263041.5, 39.0, 39.0, 0.0); (519264.4, 4263091.5, 39.0, 39.0, 0.0);
(519314.4, 4263091.5, 39.0, 39.0, 0.0); (519364.4, 4263091.5, 39.0, 39.0, 0.0);
(519414.4, 4263091.5, 39.0, 39.0, 0.0); (519264.4, 4263141.5, 39.0, 39.0, 0.0);
(519314.4, 4263141.5, 39.0, 39.0, 0.0); (519364.4, 4263141.5, 39.0, 39.0, 0.0);
(519414.4, 4263141.5, 39.0, 39.0, 0.0); (519264.4, 4263191.5, 39.0, 39.0, 0.0);
(519364.4, 4263191.5, 39.0, 39.0, 0.0); (519414.4, 4263191.5, 39.0, 39.0, 0.0);
(519264.4, 4263341.5, 39.0, 39.0, 0.0); (519314.4, 4263341.5, 39.0, 39.0, 0.0);
(519364.4, 4263341.5, 39.0, 39.0, 0.0); (519414.4, 4263341.5, 39.0, 39.0, 0.0);
(519264.4, 4263391.5, 39.0, 39.0, 0.0); (519314.4, 4263391.5, 39.0, 39.0, 0.0);
(519364.4, 4263391.5, 39.0, 39.0, 0.0); (519414.4, 4263391.5, 39.0, 39.0, 0.0);
(519264.4, 4263441.5, 39.0, 39.0, 0.0); (519314.4, 4263441.5, 39.0, 39.0, 0.0);
(519364.4, 4263441.5, 39.0, 39.0, 0.0); (519414.4, 4263441.5, 39.0, 39.0, 0.0);
(519264.4, 4263491.5, 39.0, 39.0, 0.0); (519314.4, 4263491.5, 39.0, 39.0, 0.0);
(519364.4, 4263491.5, 39.0, 39.0, 0.0); (519414.4, 4263491.5, 39.0, 39.0, 0.0);
(519264.4, 4263541.5, 39.0, 39.0, 0.0); (519314.4, 4263541.5, 39.0, 39.0, 0.0);
(519364.4, 4263541.5, 39.0, 39.0, 0.0); (519414.4, 4263541.5, 39.0, 39.0, 0.0);
(519264.4, 4263591.5, 39.0, 39.0, 0.0); (519314.4, 4263591.5, 39.0, 39.0, 0.0);

```
     ( 519364.4, 4263591.5,       39.0,       39.0,       0.0);         ( 519414.4,
4263591.5,       39.2,       39.2,       0.0);
     ( 519264.4, 4263641.5,       39.0,       39.0,       0.0);         ( 519314.4,
4263641.5,       39.0,       39.0,       0.0);
     ( 519364.4, 4263641.5,       39.8,       39.8,       0.0);         ( 519414.4,
4263641.5,       40.0,       40.0,       0.0);
     ( 519264.4, 4263691.5,       39.0,       39.0,       0.0);         ( 519314.4,
4263691.5,       39.0,       39.0,       0.0);
     ( 519364.4, 4263691.5,       40.0,       40.0,       0.0);         ( 519414.4,
4263691.5,       40.0,       40.0,       0.0);
     ( 519264.4, 4263741.5,       39.0,       39.0,       0.0);         ( 519314.4,
4263741.5,       39.0,       39.0,       0.0);
     ( 519364.4, 4263741.5,       39.9,       39.9,       0.0);         ( 519414.4,
4263741.5,       40.0,       40.0,       0.0);
     ( 519264.4, 4263791.5,       39.0,       39.0,       0.0);         ( 519314.4,
4263791.5,       39.0,       39.0,       0.0);
     ( 519364.4, 4263791.5,       39.9,       39.9,       0.0);         ( 519414.4,
4263791.5,       40.0,       40.0,       0.0);
     ( 519264.4, 4263841.5,       39.0,       39.0,       0.0);         ( 519314.4,
4263841.5,       39.3,       39.3,       0.0);
     ( 519364.4, 4263841.5,       40.0,       40.0,       0.0);         ( 519414.4,
4263841.5,       40.0,       40.0,       0.0);
     ( 519218.0, 4263693.3,       39.0,       39.0,       0.0);         ( 519159.7,
4263866.0,       39.0,       39.0,       0.0);
     ( 519209.7, 4263866.0,       39.0,       39.0,       0.0);         ( 519259.7,
4263866.0,       39.0,       39.0,       0.0);
     ( 519309.7, 4263866.0,       39.5,       39.5,       0.0);         ( 519109.7,
4263916.0,       38.9,       38.9,       0.0);
     ( 519159.7, 4263916.0,       39.0,       39.0,       0.0);         ( 519209.7,
4263916.0,       39.0,       39.0,       0.0);
     ( 519259.7, 4263916.0,       39.0,       39.0,       0.0);         ( 519309.7,
4263916.0,       40.0,       40.0,       0.0);
     ( 519109.7, 4263966.0,       39.0,       39.0,       0.0);         ( 519159.7,
4263966.0,       39.0,       39.0,       0.0);
     ( 519209.7, 4263966.0,       39.1,       39.1,       0.0);         ( 519259.7,
4263966.0,       39.9,       39.9,       0.0);
     ( 519309.7, 4263966.0,       40.0,       40.0,       0.0);         ( 519109.7,
4264016.0,       39.0,       39.0,       0.0);
     ( 519159.7, 4264016.0,       39.0,       39.0,       0.0);         ( 519209.7,
4264016.0,       39.4,       39.4,       0.0);
     ( 519259.7, 4264016.0,       40.0,       40.0,       0.0);         ( 519309.7,
4264016.0,       40.2,       40.2,       0.0);
     ( 518909.7, 4264066.0,       38.0,       38.0,       0.0);         ( 519109.7,
4264066.0,       39.0,       39.0,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(519159.7, 4264066.0, 39.0, 39.0, 0.0); (519209.7, 4264066.0, 40.0, 40.0, 0.0);
(519259.7, 4264066.0, 40.0, 40.0, 0.0); (518909.7, 4264116.0, 38.0, 38.0, 0.0);
(518959.7, 4264116.0, 38.6, 38.6, 0.0); (519009.7, 4264116.0, 39.0, 39.0, 0.0);
(519059.7, 4264116.0, 39.0, 39.0, 0.0); (519109.7, 4264116.0, 39.0, 39.0, 0.0);
(519159.7, 4264116.0, 39.5, 39.5, 0.0); (519209.7, 4264116.0, 40.0, 40.0, 0.0);
(518809.7, 4264216.0, 38.0, 38.0, 0.0); (518859.7, 4264216.0, 38.0, 38.0, 0.0);
(518909.7, 4264216.0, 39.0, 39.0, 0.0); (518959.7, 4264216.0, 39.0, 39.0, 0.0);
(519009.7, 4264216.0, 39.5, 39.5, 0.0); (519059.7, 4264216.0, 40.0, 40.0, 0.0);
(518809.7, 4264266.0, 38.0, 38.0, 0.0); (518859.7, 4264266.0, 38.5, 38.5, 0.0);
(518909.7, 4264266.0, 39.0, 39.0, 0.0); (518959.7, 4264266.0, 39.0, 39.0, 0.0);
(519009.7, 4264266.0, 39.8, 39.8, 0.0); (518809.7, 4264316.0, 38.3, 38.3, 0.0);
(518859.7, 4264316.0, 39.0, 39.0, 0.0); (518909.7, 4264316.0, 39.1, 39.1, 0.0);
(518959.7, 4264316.0, 39.9, 39.9, 0.0); (518809.7, 4264366.0, 38.9, 38.9, 0.0);
(518859.7, 4264366.0, 39.0, 39.0, 0.0); (518909.7, 4264366.0, 39.2, 39.2, 0.0);
(518959.7, 4264366.0, 40.0, 40.0, 0.0); (518809.7, 4264416.0, 39.0, 39.0, 0.0);
(518859.7, 4264416.0, 39.0, 39.0, 0.0); (518909.7, 4264416.0, 39.7, 39.7, 0.0);
(518959.7, 4264416.0, 40.0, 40.0, 0.0); (518809.7, 4264466.0, 39.0, 39.0, 0.0);
(518859.7, 4264466.0, 39.2, 39.2, 0.0); (518909.7, 4264466.0, 40.0, 40.0, 0.0);
(518959.7, 4264466.0, 40.0, 40.0, 0.0); (518427.2, 4264490.3, 37.0, 37.0, 0.0);
(518477.2, 4264490.3, 37.0, 37.0, 0.0); (518527.2, 4264490.3, 37.0, 37.0, 0.0);
(518577.2, 4264490.3, 37.1, 37.1, 0.0); (518627.2, 4264490.3, 38.0, 38.0, 0.0);
(518677.2, 4264490.3, 38.0, 38.0, 0.0); (518727.2, 4264490.3, 38.1, 38.1, 0.0);
(518427.2, 4264540.3, 37.0, 37.0, 0.0); (518477.2, 4264540.3, 37.0, 37.0, 0.0);

```
     ( 518527.2, 4264540.3,      37.0,      37.0,       0.0);         ( 518577.2,
4264540.3,      37.1,      37.1,       0.0);
     ( 518627.2, 4264540.3,      38.0,      38.0,       0.0);         ( 518677.2,
4264540.3,      38.0,      38.0,       0.0);
     ( 518727.2, 4264540.3,      38.8,      38.8,       0.0);         ( 518427.2,
4264590.3,      37.0,      37.0,       0.0);
     ( 518477.2, 4264590.3,      37.0,      37.0,       0.0);         ( 518527.2,
4264590.3,      37.0,      37.0,       0.0);
     ( 518577.2, 4264590.3,      37.1,      37.1,       0.0);         ( 518627.2,
4264590.3,      37.9,      37.9,       0.0);
     ( 518677.2, 4264590.3,      38.0,      38.0,       0.0);         ( 518727.2,
4264590.3,      38.6,      38.6,       0.0);
     ( 518427.2, 4264640.3,      36.0,      36.0,       0.0);         ( 518477.2,
4264640.3,      36.8,      36.8,       0.0);
     ( 518527.2, 4264640.3,      37.0,      37.0,       0.0);         ( 518577.2,
4264640.3,      37.0,      37.0,       0.0);
     ( 518627.2, 4264640.3,      37.0,      37.0,       0.0);         ( 518677.2,
4264640.3,      37.4,      37.4,       0.0);
     ( 518727.2, 4264640.3,      38.1,      38.1,       0.0);         ( 518427.2,
4264690.3,      36.0,      36.0,       0.0);
     ( 518477.2, 4264690.3,      36.8,      36.8,       0.0);         ( 518527.2,
4264690.3,      37.0,      37.0,       0.0);
     ( 518577.2, 4264690.3,      37.0,      37.0,       0.0);         ( 518627.2,
4264690.3,      37.0,      37.0,       0.0);
     ( 518677.2, 4264690.3,      37.0,      37.0,       0.0);         ( 518727.2,
4264690.3,      38.0,      38.0,       0.0);
     ( 517793.0, 4264300.5,      32.0,      32.0,       0.0);         ( 517815.1,
4264313.3,      32.0,      32.0,       0.0);
     ( 517869.8, 4264338.9,      32.5,      32.5,       0.0);         ( 517867.4,
4264358.7,      32.5,      32.5,       0.0);
     ( 517911.6, 4264344.7,      33.0,      33.0,       0.0);         ( 517823.2,
4264366.8,      32.0,      32.0,       0.0);
```

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003241	518703.5	4263269.0	-11.42
L0003242	518703.5	4263244.0	-11.22
L0003242	518703.5	4263269.0	-4.97
L0003243	518703.5	4263219.0	-10.93
L0003243	518703.5	4263244.0	-6.12
L0003244	518703.5	4263194.0	-10.54
L0003244	518703.5	4263219.0	-7.28
L0003245	518703.5	4263169.0	-10.06
L0003245	518703.5	4263194.0	-8.44
L0003246	518703.5	4263144.0	-9.51
L0003246	518703.5	4263169.0	-9.59
L0003247	518703.5	4263119.0	-8.89
L0003247	518703.5	4263144.0	-10.75
L0003248	518703.5	4263094.0	-8.21
L0003248	518703.5	4263119.0	-11.90
L0003249	518703.5	4263094.0	-13.06
L0003255	518703.5	4263269.0	-11.42
L0003256	518703.5	4263244.0	-11.22
L0003256	518703.5	4263269.0	-4.97

		L0003257	518703.5	
4263219.0	-10.93			
		L0003257	518703.5	
4263244.0	-6.12			
		L0003258	518703.5	
4263194.0	-10.54			
		L0003258	518703.5	
4263219.0	-7.28			
		L0003259	518703.5	
4263169.0	-10.06			
		L0003259	518703.5	
4263194.0	-8.44			
		L0003260	518703.5	
4263144.0	-9.51			
		L0003260	518703.5	
4263169.0	-9.59			
		L0003261	518703.5	
4263119.0	-8.89			
		L0003261	518703.5	
4263144.0	-10.75			
		L0003262	518703.5	
4263094.0	-8.21			
		L0003262	518703.5	
4263119.0	-11.90			
		L0003263	518703.5	
4263094.0	-13.06			
		L0003636	518653.5	
4263269.0	-0.45			
		L0003637	518628.5	
4263269.0	-1.54			
		L0003638	518604.0	4263266.3
0.43				
		L0003639	518578.7	
4263266.6	-3.20			
		L0003640	518552.6	
4263264.5	-5.69			
		L0003641	518527.9	
4263264.2	-5.27			
		L0003642	518503.6	
4263264.1	-3.86			
		L0003643	518475.9	
4263264.3	-2.79			

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1
1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: Met\Shiloh Business Park.SFC
Met Version: 18081
Profile file: Met\Shiloh Business Park.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23213 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-7.0	0.105	-9.000	-9.000	-999.	81.	14.9	0.02	1.93	1.00	1.88	312.	10.0	273.8	2.0
13	01	01	1	02	-9.9	0.125	-9.000	-9.000	-999.	107.	18.1	0.02	1.93	1.00	2.22	347.	10.0	273.8	2.0
13	01	01	1	03	-17.8	0.171	-9.000	-9.000	-999.	170.	32.2	0.02	1.93	1.00	2.96	329.	10.0	273.8	2.0
13	01	01	1	04	-9.7	0.124	-9.000	-9.000	-999.	105.	18.0	0.02	1.93	1.00	2.20	345.	10.0	274.9	2.0
13	01	01	1	05	-7.4	0.108	-9.000	-9.000	-999.	85.	15.4	0.02	1.93	1.00	1.93	330.	10.0	273.8	2.0
13	01	01	1	06	-17.8	0.170	-9.000	-9.000	-999.	169.	31.9	0.02	1.93	1.00	2.95	334.	10.0	273.1	2.0
13	01	01	1	07	-18.2	0.173	-9.000	-9.000	-999.	173.	33.1	0.02	1.93	1.00	3.00	337.	10.0	272.5	2.0
13	01	01	1	08	-21.7	0.208	-9.000	-9.000	-999.	228.	47.8	0.02	1.93	1.00	3.57	335.	10.0	273.8	2.0
13	01	01	1	09	-4.6	0.144	-9.000	-9.000	-999.	132.	59.1	0.02	1.93	0.42	2.44	306.	10.0	275.4	2.0
13	01	01	1	10	49.3	0.164	0.558	0.005	128.	160.	-8.2	0.02	1.93	0.29	2.15	305.	10.0	278.8	2.0
13	01	01	1	11	98.3	0.135	1.001	0.005	371.	120.	-2.3	0.02	1.93	0.24	1.52	343.	10.0	282.0	2.0
13	01	01	1	12	126.6	0.122	1.437	0.008	853.	102.	-1.3	0.02	1.93	0.22	1.26	326.	10.0	283.8	2.0
13	01	01	1	13	133.1	0.247	1.499	0.007	919.	295.	-10.3	0.03	1.93	0.22	2.96	59.	10.0	286.4	2.0
13	01	01	1	14	116.6	0.207	1.453	0.006	955.	226.	-6.9	0.03	1.93	0.23	2.37	87.	10.0	287.5	2.0
13	01	01	1	15	77.9	0.108	1.280	0.006	977.	90.	-1.5	0.02	1.93	0.26	1.14	326.	10.0	287.0	2.0
13	01	01	1	16	21.7	0.150	0.838	0.006	984.	139.	-14.1	0.06	1.93	0.34	1.60	174.	10.0	287.5	2.0
13	01	01	1	17	-13.4	0.163	-9.000	-9.000	-999.	158.	29.4	0.06	1.93						

```
0.57    2.28  218.   10.0  284.9    2.0
 13 01 01   1 18   -9.3  0.128 -9.000 -9.000 -999.  111.     20.6  0.06   1.93
1.00    1.84  225.   10.0  280.9    2.0
 13 01 01   1 19   -2.0  0.061 -9.000 -9.000 -999.   38.     10.6  0.02   1.93
1.00    0.92  275.   10.0  278.1    2.0
 13 01 01   1 20   -4.9  0.088 -9.000 -9.000 -999.   63.     12.6  0.02   1.93
1.00    1.59  248.   10.0  278.1    2.0
 13 01 01   1 21   -3.6  0.076 -9.000 -9.000 -999.   50.     11.0  0.02   1.93
1.00    1.35  274.   10.0  274.9    2.0
 13 01 01   1 22   -5.2  0.090 -9.000 -9.000 -999.   65.     12.8  0.02   1.93
1.00    1.62  334.   10.0  274.9    2.0
 13 01 01   1 23   -3.4  0.074 -9.000 -9.000 -999.   48.     10.8  0.02   1.93
1.00    1.30  338.   10.0  274.9    2.0
 13 01 01   1 24   -5.6  0.094 -9.000 -9.000 -999.   69.     13.3  0.02   1.93
1.00    1.69  328.   10.0  273.1    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1  312.    1.88   273.8   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BCAC ***
INCLUDING SOURCE(S): L0003473 , L0003474 , L0003475 , L0003476 , L0003477 , L0003478 , L0003479 , L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 , L0003486 , L0003487 , L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 , L0003494 , L0003495 , L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.12861	0.13539	0.14284	0.15097	0.15983
4264334.65	0.13069	0.13764	0.14522	0.15347	0.16276
4264284.65	0.13288	0.13993	0.14772	0.15649	0.16591
4264234.65	0.13511	0.14233	0.15029	0.15922	0.16886
4264184.65	0.13721	0.14468	0.15301	0.16195	0.17190

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BCAC ***
INCLUDING SOURCE(S): L0003473 , L0003474 , L0003475 , L0003476 , L0003477 , L0003478 , L0003479 , L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 , L0003486 , L0003487 , L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 , L0003494 , L0003495 , L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.50909	518478.45	4263094.05	1.62848
518503.45	4263094.05	1.75978	518528.45	4263094.05	1.90268
518553.45	4263094.05	2.05458	518578.45	4263094.05	2.21010
518603.45	4263094.05	2.36199	518628.45	4263094.05	2.50246
518653.45	4263094.05	2.62425	518678.45	4263094.05	2.72111
518703.45	4263094.05	2.78315	518453.45	4263119.05	1.67221
518478.45	4263119.05	1.81718	518503.45	4263119.05	1.97771
518528.45	4263119.05	2.15363	518553.45	4263119.05	2.34152
518578.45	4263119.05	2.53371	518603.45	4263119.05	2.71939
518628.45	4263119.05	2.88711	518653.45	4263119.05	3.02676
518678.45	4263119.05	3.13079	518703.45	4263119.05	3.18832
518453.45	4263144.05	1.86478	518478.45	4263144.05	2.04366
518503.45	4263144.05	2.24354	518528.45	4263144.05	2.46445
518553.45	4263144.05	2.70186	518578.45	4263144.05	2.94431
518603.45	4263144.05	3.17493	518628.45	4263144.05	3.37618

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        518653.45    4263144.05        3.53414                  518678.45
4263144.05        3.64076
        518703.45    4263144.05        3.68566                  518453.45
4263169.05        2.09419
        518478.45    4263169.05        2.31909                  518503.45
4263169.05        2.57349
        518528.45    4263169.05        2.85785                  518553.45
4263169.05        3.16591
        518578.45    4263169.05        3.47952                  518603.45
4263169.05        3.77076
        518628.45    4263169.05        4.01188                  518653.45
4263169.05        4.18476
        518678.45    4263169.05        4.28407                  518703.45
4263169.05        4.30303
        518453.45    4263194.05        2.37009                  518478.45
4263194.05        2.65903
        518503.45    4263194.05        2.99179                  518528.45
4263194.05        3.36963
        518553.45    4263194.05        3.78347                  518578.45
4263194.05        4.20209
        518603.45    4263194.05        4.57548                  518628.45
4263194.05        4.85913
        518653.45    4263194.05        5.03434                  518678.45
4263194.05        5.10741
        518703.45    4263194.05        5.08014                  518453.45
4263219.05        2.70502
        518478.45    4263219.05        3.08550                  518503.45
4263219.05        3.53588
        518528.45    4263219.05        4.05995                  518553.45
4263219.05        4.64344
        518578.45    4263219.05        5.22557                  518603.45
4263219.05        5.70706
        518628.45    4263219.05        6.02000                  518653.45
4263219.05        6.16500
        518678.45    4263219.05        6.17969                  518703.45
4263219.05        6.07815
        518453.45    4263244.05        3.11492                  518478.45
4263244.05        3.62995
        518503.45    4263244.05        4.26626                  518528.45
4263244.05        5.03880
        518553.45    4263244.05        5.92432                  518578.45
4263244.05        6.77971
        518603.45    4263244.05        7.38058                  518628.45
4263244.05        7.65742
        518653.45    4263244.05        7.70194                  518678.45
4263244.05        7.61233
        518703.45    4263244.05        7.40346                  518527.91
4263264.20        6.15641
        518552.64    4263264.47        7.51841                  518578.72
4263266.62        9.08519
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BCAC ***
INCLUDING SOURCE(S): L0003473 , L0003474 , L0003475 , L0003476 , L0003477 ,
L0003478 , L0003479 , L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 ,
L0003486 , L0003487 , L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 ,
L0003494 , L0003495 , L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	9.66369	518628.45	4263269.05	10.03691
518653.45	4263269.05	9.85412	518678.45	4263269.05	9.61543
518703.45	4263269.05	9.27367	518503.63	4263264.09	5.05951
518475.88	4263264.35	4.11109	519264.40	4262891.52	0.74556
519314.40	4262891.52	0.67916	519364.40	4262891.52	0.61947
519414.40	4262891.52	0.56612	519264.40	4262941.52	0.77263
519314.40	4262941.52	0.69855	519364.40	4262941.52	0.63322
519414.40	4262941.52	0.57573	519264.40	4262991.52	0.79560
519314.40	4262991.52	0.71433	519364.40	4262991.52	0.64392
519414.40	4262991.52	0.58289	519264.40	4263041.52	0.81390
519314.40	4263041.52	0.72633	519364.40	4263041.52	0.65170
519414.40	4263041.52	0.58788	519264.40	4263091.52	0.82745
519314.40	4263091.52	0.73485	519364.40	4263091.52	0.65704
519414.40	4263091.52	0.59123	519264.40	4263141.52	0.83684
519314.40	4263141.52	0.74059	519364.40	4263141.52	0.66059

519414.40 4263141.52 0.59349 519264.40
4263191.52 0.84297
519364.40 4263191.52 0.66295 519414.40
4263191.52 0.59507
519264.40 4263341.52 0.84747 519314.40
4263341.52 0.74645
519364.40 4263341.52 0.66382 519414.40
4263341.52 0.59524
519264.40 4263391.52 0.84344 519314.40
4263391.52 0.74289
519364.40 4263391.52 0.66066 519414.40
4263391.52 0.59240
519264.40 4263441.52 0.83555 519314.40
4263441.52 0.73624
519364.40 4263441.52 0.65495 519414.40
4263441.52 0.58744
519264.40 4263491.52 0.82325 519314.40
4263491.52 0.72620
519364.40 4263491.52 0.64655 519414.40
4263491.52 0.58028
519264.40 4263541.52 0.80574 519314.40
4263541.52 0.71235
519364.40 4263541.52 0.63528 519414.40
4263541.52 0.57089
519264.40 4263591.52 0.78201 519314.40
4263591.52 0.69398
519364.40 4263591.52 0.62070 519414.40
4263591.52 0.55889
519264.40 4263641.52 0.75162 519314.40
4263641.52 0.67053
519364.40 4263641.52 0.60143 519414.40
4263641.52 0.54346
519264.40 4263691.52 0.71544 519314.40
4263691.52 0.64218
519364.40 4263691.52 0.57890 519414.40
4263691.52 0.52563
519264.40 4263741.52 0.67547 519314.40
4263741.52 0.61005
519364.40 4263741.52 0.55319 519414.40
4263741.52 0.50479
519264.40 4263791.52 0.63396 519314.40
4263791.52 0.57579
519364.40 4263791.52 0.52500 519414.40
4263791.52 0.48154
519264.40 4263841.52 0.59272 519314.40
4263841.52 0.54066
519364.40 4263841.52 0.49558 519414.40
4263841.52 0.45682
519218.01 4263693.29 0.79410 519159.74
4263866.05 0.70498

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BCAC ***
INCLUDING SOURCE(S): L0003473 , L0003474 , L0003475 , L0003476 , L0003477 ,
L0003478 , L0003479 , L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 ,
L0003486 , L0003487 , L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 ,
L0003494 , L0003495 , L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.63610	519259.74	4263866.05	0.57794
519309.74	4263866.05	0.52786	519109.74	4263916.05	0.72294
519159.74	4263916.05	0.65107	519209.74	4263916.05	0.59042
519259.74	4263916.05	0.53877	519309.74	4263916.05	0.49367
519109.74	4263966.05	0.66495	519159.74	4263966.05	0.60216
519209.74	4263966.05	0.54835	519259.74	4263966.05	0.50159
519309.74	4263966.05	0.46192	519109.74	4264016.05	0.61398
519159.74	4264016.05	0.55855	519209.74	4264016.05	0.51032
519259.74	4264016.05	0.46855	519309.74	4264016.05	0.43261
518909.74	4264066.05	0.84969	519109.74	4264066.05	0.56926
519159.74	4264066.05	0.52006	519209.74	4264066.05	0.47636
519259.74	4264066.05	0.43901	518909.74	4264116.05	0.76837
518959.74	4264116.05	0.69773	519009.74	4264116.05	0.63474
519059.74	4264116.05	0.57913	519109.74	4264116.05	0.52975
519159.74	4264116.05	0.48560	519209.74	4264116.05	0.44673

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        518809.74    4264216.05        0.74550                  518859.74
4264216.05        0.68853
        518909.74    4264216.05        0.63429                  518959.74
4264216.05        0.58559
        519009.74    4264216.05        0.54032                  519059.74
4264216.05        0.49895
        518809.74    4264266.05        0.67322                  518859.74
4264266.05        0.62511
        518909.74    4264266.05        0.58021                  518959.74
4264266.05        0.53900
        519009.74    4264266.05        0.50010                  518809.74
4264316.05        0.61100
        518859.74    4264316.05        0.57030                  518909.74
4264316.05        0.53266
        518959.74    4264316.05        0.49677                  518809.74
4264366.05        0.55706
        518859.74    4264366.05        0.52305                  518909.74
4264366.05        0.49073
        518959.74    4264366.05        0.45989                  518809.74
4264416.05        0.51074
        518859.74    4264416.05        0.48168                  518909.74
4264416.05        0.45341
        518959.74    4264416.05        0.42706                  518809.74
4264466.05        0.47041
        518859.74    4264466.05        0.44515                  518909.74
4264466.05        0.42052
        518959.74    4264466.05        0.39770                  518427.21
4264490.34        0.56054
        518477.21    4264490.34        0.56590                  518527.21
4264490.34        0.56336
        518577.21    4264490.34        0.55328                  518627.21
4264490.34        0.53649
        518677.21    4264490.34        0.51596                  518727.21
4264490.34        0.49286
        518427.21    4264540.34        0.51475                  518477.21
4264540.34        0.51854
        518527.21    4264540.34        0.51576                  518577.21
4264540.34        0.50672
        518627.21    4264540.34        0.49208                  518677.21
4264540.34        0.47430
        518727.21    4264540.34        0.45383                  518427.21
4264590.34        0.47473
        518477.21    4264590.34        0.47735                  518527.21
4264590.34        0.47444
        518577.21    4264590.34        0.46632                  518627.21
4264590.34        0.45348
        518677.21    4264590.34        0.43790                  518727.21
4264590.34        0.42016
        518427.21    4264640.34        0.43973                  518477.21
4264640.34        0.44135
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BCAC ***
INCLUDING SOURCE(S): L0003473 , L0003474 , L0003475 , L0003476 , L0003477 , L0003478 , L0003479 , L0003480 , L0003481 , L0003482 , L0003483 , L0003484 , L0003485 , L0003486 , L0003487 , L0003488 , L0003489 , L0003490 , L0003491 , L0003492 , L0003493 , L0003494 , L0003495 , L0003496 , L0003497 , L0003498 , L0003499 , L0003500 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.43832	518577.21	4264640.34	0.43100
518627.21	4264640.34	0.42004	518677.21	4264640.34	0.40621
518727.21	4264640.34	0.39057	518427.21	4264690.34	0.40859
518477.21	4264690.34	0.40956	518527.21	4264690.34	0.40654
518577.21	4264690.34	0.39989	518627.21	4264690.34	0.39013
518677.21	4264690.34	0.37807	518727.21	4264690.34	0.36410
517792.98	4264300.53	0.28201	517815.08	4264313.32	0.29107
517869.76	4264338.92	0.31607	517867.43	4264358.69	0.31128
517911.64	4264344.73	0.33942	517823.23	4264366.84	0.28736

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DEMO1 ***
INCLUDING SOURCE(S): L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.15267	0.16169	0.17169	0.18272	0.19484
4264334.65	0.15535	0.16466	0.17491	0.18618	0.19897
4264284.65	0.15811	0.16761	0.17820	0.19025	0.20334
4264234.65	0.16084	0.17062	0.18149	0.19384	0.20731
4264184.65	0.16328	0.17343	0.18485	0.19727	0.21126

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DEMO1 ***
INCLUDING SOURCE(S): L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.11749	518478.45	4263094.05	1.18286
518503.45	4263094.05	1.24884	518528.45	4263094.05	1.31213
518553.45	4263094.05	1.36994	518578.45	4263094.05	1.42041
518603.45	4263094.05	1.46237	518628.45	4263094.05	1.49502
518653.45	4263094.05	1.51768	518678.45	4263094.05	1.52957
518703.45	4263094.05	1.52873	518453.45	4263119.05	1.22059
518478.45	4263119.05	1.29630	518503.45	4263119.05	1.37281
518528.45	4263119.05	1.44591	518553.45	4263119.05	1.51203
518578.45	4263119.05	1.56877	518603.45	4263119.05	1.61460
518628.45	4263119.05	1.64846	518653.45	4263119.05	1.66949
518678.45	4263119.05	1.67690	518703.45	4263119.05	1.66872
518453.45	4263144.05	1.34050	518478.45	4263144.05	1.42906
518503.45	4263144.05	1.51866	518528.45	4263144.05	1.60385
518553.45	4263144.05	1.67997	518578.45	4263144.05	1.74385
518603.45	4263144.05	1.79348	518628.45	4263144.05	1.82747

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        518653.45    4263144.05        1.84484                    518678.45
4263144.05        1.84492
        518703.45    4263144.05        1.82608                    518453.45
4263169.05        1.48137
        518478.45    4263169.05        1.58612                    518503.45
4263169.05        1.69225
        518528.45    4263169.05        1.79254                    518553.45
4263169.05        1.88076
        518578.45    4263169.05        1.95265                    518603.45
4263169.05        2.00551
        518628.45    4263169.05        2.03763                    518653.45
4263169.05        2.04807
        518678.45    4263169.05        2.03666                    518703.45
4263169.05        2.00256
        518453.45    4263194.05        1.64877                    518478.45
4263194.05        1.77430
        518503.45    4263194.05        1.90169                    518528.45
4263194.05        2.02111
        518553.45    4263194.05        2.12401                    518578.45
4263194.05        2.20455
        518603.45    4263194.05        2.25915                    518628.45
4263194.05        2.28583
        518653.45    4263194.05        2.28416                    518678.45
4263194.05        2.25521
        518703.45    4263194.05        2.19967                    518453.45
4263219.05        1.85040
        518478.45    4263219.05        2.00315                    518503.45
4263219.05        2.15843
        518528.45    4263219.05        2.30248                    518553.45
4263219.05        2.42318
        518578.45    4263219.05        2.51234                    518603.45
4263219.05        2.56534
        518628.45    4263219.05        2.58039                    518653.45
4263219.05        2.55858
        518678.45    4263219.05        2.50349                    518703.45
4263219.05        2.41839
        518453.45    4263244.05        2.09714                    518478.45
4263244.05        2.28647
        518503.45    4263244.05        2.47926                    518528.45
4263244.05        2.65556
        518553.45    4263244.05        2.79756                    518578.45
4263244.05        2.89364
        518603.45    4263244.05        2.93825                    518628.45
4263244.05        2.93111
        518653.45    4263244.05        2.87691                    518678.45
4263244.05        2.78379
        518703.45    4263244.05        2.65883                    518527.91
4263264.20        3.00723
        518552.64    4263264.47        3.17421                    518578.72
4263266.62        3.32181
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DEMO1 ***
INCLUDING SOURCE(S): L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	3.34148	518628.45	4263269.05	3.34886
518653.45	4263269.05	3.24413	518678.45	4263269.05	3.09708
518703.45	4263269.05	2.91971	518503.63	4263264.09	2.80111
518475.88	4263264.35	2.54631	519264.40	4262891.52	0.54028
519314.40	4262891.52	0.50275	519364.40	4262891.52	0.46795
519414.40	4262891.52	0.43585	519264.40	4262941.52	0.55855
519314.40	4262941.52	0.51704	519364.40	4262941.52	0.47903
519414.40	4262941.52	0.44437	519264.40	4262991.52	0.57509
519314.40	4262991.52	0.52962	519364.40	4262991.52	0.48852
519414.40	4262991.52	0.45144	519264.40	4263041.52	0.58947
519314.40	4263041.52	0.54022	519364.40	4263041.52	0.49625
519414.40	4263041.52	0.45701	519264.40	4263091.52	0.60139
519314.40	4263091.52	0.54872	519364.40	4263091.52	0.50225
519414.40	4263091.52	0.46118	519264.40	4263141.52	0.61079
519314.40	4263141.52	0.55521	519364.40	4263141.52	0.50667

519414.40 4263141.52 0.46416 519264.40
4263191.52 0.61786
519364.40 4263191.52 0.50982 519414.40
4263191.52 0.46625
519264.40 4263341.52 0.62878 519314.40
4263341.52 0.56707
519364.40 4263341.52 0.51457 519414.40
4263341.52 0.46951
519264.40 4263391.52 0.63011 519314.40
4263391.52 0.56793
519364.40 4263391.52 0.51515 519414.40
4263391.52 0.46993
519264.40 4263441.52 0.63042 519314.40
4263441.52 0.56802
519364.40 4263441.52 0.51511 519414.40
4263441.52 0.46982
519264.40 4263491.52 0.62943 519314.40
4263491.52 0.56704
519364.40 4263491.52 0.51416 519414.40
4263491.52 0.46890
519264.40 4263541.52 0.62678 519314.40
4263541.52 0.56464
519364.40 4263541.52 0.51198 519414.40
4263541.52 0.46690
519264.40 4263591.52 0.62215 519314.40
4263591.52 0.56057
519364.40 4263591.52 0.50836 519414.40
4263591.52 0.46355
519264.40 4263641.52 0.61536 519314.40
4263641.52 0.55470
519364.40 4263641.52 0.50263 519414.40
4263641.52 0.45851
519264.40 4263691.52 0.60616 519314.40
4263691.52 0.54691
519364.40 4263691.52 0.49582 519414.40
4263691.52 0.45269
519264.40 4263741.52 0.59423 519314.40
4263741.52 0.53702
519364.40 4263741.52 0.48756 519414.40
4263741.52 0.44555
519264.40 4263791.52 0.57917 519314.40
4263791.52 0.52474
519364.40 4263791.52 0.47740 519414.40
4263791.52 0.43700
519264.40 4263841.52 0.56076 519314.40
4263841.52 0.50958
519364.40 4263841.52 0.46512 519414.40
4263841.52 0.42686
519218.01 4263693.29 0.67058 519159.74
4263866.05 0.68056

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DEMO1 ***
INCLUDING SOURCE(S): L0003194 , L0003195 , L0003196 , L0003197 , L0003198 ,
L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 ,
L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 ,
L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.61308	519259.74	4263866.05	0.55545
519309.74	4263866.05	0.50539	519109.74	4263916.05	0.71628
519159.74	4263916.05	0.64474	519209.74	4263916.05	0.58407
519259.74	4263916.05	0.53188	519309.74	4263916.05	0.48584
519109.74	4263966.05	0.67016	519159.74	4263966.05	0.60681
519209.74	4263966.05	0.55257	519259.74	4263966.05	0.50513
519309.74	4263966.05	0.46436	519109.74	4264016.05	0.62474
519159.74	4264016.05	0.56851	519209.74	4264016.05	0.51993
519259.74	4264016.05	0.47780	519309.74	4264016.05	0.44273
518909.74	4264066.05	0.89899	519109.74	4264066.05	0.58157
519159.74	4264066.05	0.53139	519209.74	4264066.05	0.48751
519259.74	4264066.05	0.45024	518909.74	4264116.05	0.82100
518959.74	4264116.05	0.73181	519009.74	4264116.05	0.65713
519059.74	4264116.05	0.59471	519109.74	4264116.05	0.54180
519159.74	4264116.05	0.49620	519209.74	4264116.05	0.45708

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        518809.74    4264216.05        0.85144                    518859.74
4264216.05        0.76510
        518909.74    4264216.05        0.68847                    518959.74
4264216.05        0.62312
        519009.74    4264216.05        0.56566                    519059.74
4264216.05        0.51583
        518809.74    4264266.05        0.77109                    518859.74
4264266.05        0.69804
        518909.74    4264266.05        0.63370                    518959.74
4264266.05        0.57737
        519009.74    4264266.05        0.52679                    518809.74
4264316.05        0.70077
        518859.74    4264316.05        0.63915                    518909.74
4264316.05        0.58481
        518959.74    4264316.05        0.53537                    518809.74
4264366.05        0.63882
        518859.74    4264366.05        0.58756                    518909.74
4264366.05        0.54098
        518959.74    4264366.05        0.49826                    518809.74
4264416.05        0.58496
        518859.74    4264416.05        0.54162                    518909.74
4264416.05        0.50124
        518959.74    4264416.05        0.46467                    518809.74
4264466.05        0.53757
        518859.74    4264466.05        0.50044                    518909.74
4264466.05        0.46560
        518959.74    4264466.05        0.43408                    518427.21
4264490.34        0.80742
        518477.21    4264490.34        0.78543                    518527.21
4264490.34        0.75122
        518577.21    4264490.34        0.70974                    518627.21
4264490.34        0.66470
        518677.21    4264490.34        0.62134                    518727.21
4264490.34        0.57989
        518427.21    4264540.34        0.72199                    518477.21
4264540.34        0.70334
        518527.21    4264540.34        0.67491                    518577.21
4264540.34        0.64046
        518627.21    4264540.34        0.60282                    518677.21
4264540.34        0.56632
        518727.21    4264540.34        0.53053                    518427.21
4264590.34        0.65045
        518477.21    4264590.34        0.63444                    518527.21
4264590.34        0.61049
        518577.21    4264590.34        0.58157                    518627.21
4264590.34        0.54981
        518677.21    4264590.34        0.51868                    518727.21
4264590.34        0.48823
        518427.21    4264640.34        0.59025                    518477.21
4264640.34        0.57612
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DEMO1 ***
INCLUDING SOURCE(S): L0003194 , L0003195 , L0003196 , L0003197 , L0003198 ,
L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 ,
L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 ,
L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.55557	518577.21	4264640.34	0.53103
518627.21	4264640.34	0.50460	518677.21	4264640.34	0.47764
518727.21	4264640.34	0.45124	518427.21	4264690.34	0.53840
518477.21	4264690.34	0.52602	518527.21	4264690.34	0.50834
518577.21	4264690.34	0.48727	518627.21	4264690.34	0.46452
518677.21	4264690.34	0.44147	518727.21	4264690.34	0.41830
517792.98	4264300.53	0.37757	517815.08	4264313.32	0.39253
517869.76	4264338.92	0.43525	517867.43	4264358.69	0.42751
517911.64	4264344.73	0.47658	517823.23	4264366.84	0.38720

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP2 ***
INCLUDING SOURCE(S): L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 , L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.10446	0.10932	0.11459	0.12028	0.12636
4264334.65	0.10576	0.11072	0.11607	0.12182	0.12820
4264284.65	0.10716	0.11215	0.11761	0.12370	0.13015
4264234.65	0.10862	0.11368	0.11920	0.12536	0.13191
4264184.65	0.11003	0.11521	0.12094	0.12702	0.13373

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP2 ***
INCLUDING SOURCE(S): L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 , L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	2.65446	518478.45	4263094.05	3.17332
518503.45	4263094.05	3.87180	518528.45	4263094.05	4.84653
518553.45	4263094.05	6.26753	518578.45	4263094.05	8.44701
518603.45	4263094.05	11.98271	518628.45	4263094.05	18.07200
518653.45	4263094.05	29.41863	518678.45	4263094.05	55.01483
518703.45	4263094.05	50.90441	518453.45	4263119.05	2.68513
518478.45	4263119.05	3.21429	518503.45	4263119.05	3.92709
518528.45	4263119.05	4.91957	518553.45	4263119.05	6.35491
518578.45	4263119.05	8.51808	518603.45	4263119.05	11.92758
518628.45	4263119.05	17.59864	518653.45	4263119.05	27.91014
518678.45	4263119.05	51.57273	518703.45	4263119.05	50.20761
518453.45	4263144.05	2.69910	518478.45	4263144.05	3.23321
518503.45	4263144.05	3.95189	518528.45	4263144.05	4.94809
518553.45	4263144.05	6.37517	518578.45	4263144.05	8.49344
518603.45	4263144.05	11.77074	518628.45	4263144.05	17.14292
518653.45	4263144.05	26.92533	518678.45	4263144.05	49.88928
518703.45	4263144.05	49.67994	518453.45		

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4263169.05        2.69678
         518478.45    4263169.05        3.22984                    518503.45
4263169.05        3.94487
         518528.45    4263169.05        4.93002                    518553.45
4263169.05        6.32808
         518578.45    4263169.05        8.37964                    518603.45
4263169.05       11.52287
         518628.45    4263169.05       16.66449                    518653.45
4263169.05       26.11501
         518678.45    4263169.05       48.50948                    518703.45
4263169.05       48.79922
         518453.45    4263194.05        2.67865                    518478.45
4263194.05        3.20425
         518503.45    4263194.05        3.90571                    518528.45
4263194.05        4.86526
         518553.45    4263194.05        6.21522                    518578.45
4263194.05        8.18005
         518603.45    4263194.05       11.17745                    518628.45
4263194.05       16.09552
         518653.45    4263194.05       25.22017                    518678.45
4263194.05       46.93592
         518703.45    4263194.05       47.36955                    518453.45
4263219.05        2.64537
         518478.45    4263219.05        3.15725                    518503.45
4263219.05        3.83579
         518528.45    4263219.05        4.75635                    518553.45
4263219.05        6.04041
         518578.45    4263219.05        7.89624                    518603.45
4263219.05       10.71879
         518628.45    4263219.05       15.36265                    518653.45
4263219.05       24.04551
         518678.45    4263219.05       44.84095                    518703.45
4263219.05       45.00417
         518453.45    4263244.05        2.59785                    518478.45
4263244.05        3.09039
         518503.45    4263244.05        3.73791                    518528.45
4263244.05        4.60814
         518553.45    4263244.05        5.81025                    518578.45
4263244.05        7.53252
         518603.45    4263244.05       10.13509                    518628.45
4263244.05       14.40415
         518653.45    4263244.05       22.40345                    518678.45
4263244.05       41.74113
         518703.45    4263244.05       40.60476                    518527.91
4263264.20        4.44375
         518552.64    4263264.47        5.54484                    518578.72
4263266.62        7.16513
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP2 ***
INCLUDING SOURCE(S): L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 , L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	9.57787	518628.45	4263269.05	13.20072
518653.45	4263269.05	20.13649	518678.45	4263269.05	36.73334
518703.45	4263269.05	30.03946	518503.63	4263264.09	3.64690
518475.88	4263264.35	2.96847	519264.40	4262891.52	1.12358
519314.40	4262891.52	0.97242	519364.40	4262891.52	0.85076
519414.40	4262891.52	0.75155	519264.40	4262941.52	1.12954
519314.40	4262941.52	0.97539	519364.40	4262941.52	0.85219
519414.40	4262941.52	0.75220	519264.40	4262991.52	1.13017
519314.40	4262991.52	0.97483	519364.40	4262991.52	0.85116
519414.40	4262991.52	0.75101	519264.40	4263041.52	1.12547
519314.40	4263041.52	0.97046	519364.40	4263041.52	0.84721
519414.40	4263041.52	0.74746	519264.40	4263091.52	1.11497
519314.40	4263091.52	0.96172	519364.40	4263091.52	0.83981
519414.40	4263091.52	0.74109	519264.40	4263141.52	1.09734
519314.40	4263141.52	0.94768	519364.40	4263141.52	0.82832
519414.40	4263141.52	0.73148	519264.40	4263191.52	1.07058
519364.40	4263191.52	0.81199	519414.40		

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4263191.52        0.71822
         519264.40    4263341.52        0.92523                   519314.40
4263341.52        0.81650
         519364.40    4263341.52        0.72655                   519414.40
4263341.52        0.65112
         519264.40    4263391.52        0.86062                   519314.40
4263391.52        0.76571
         519364.40    4263391.52        0.68642                   519414.40
4263391.52        0.61925
         519264.40    4263441.52        0.79377                   519314.40
4263441.52        0.71174
         519364.40    4263441.52        0.64272                   519414.40
4263441.52        0.58381
         519264.40    4263491.52        0.72856                   519314.40
4263491.52        0.65762
         519364.40    4263491.52        0.59770                   519414.40
4263491.52        0.54637
         519264.40    4263541.52        0.66860                   519314.40
4263541.52        0.60640
         519364.40    4263541.52        0.55386                   519414.40
4263541.52        0.50887
         519264.40    4263591.52        0.61617                   519314.40
4263591.52        0.56045
         519364.40    4263591.52        0.51344                   519414.40
4263591.52        0.47317
         519264.40    4263641.52        0.57157                   519314.40
4263641.52        0.52081
         519364.40    4263641.52        0.47720                   519414.40
4263641.52        0.44054
         519264.40    4263691.52        0.53345                   519314.40
4263691.52        0.48706
         519364.40    4263691.52        0.44664                   519414.40
4263691.52        0.41271
         519264.40    4263741.52        0.49995                   519314.40
4263741.52        0.45788
         519364.40    4263741.52        0.42066                   519414.40
4263741.52        0.38888
         519264.40    4263791.52        0.46957                   519314.40
4263791.52        0.43187
         519364.40    4263791.52        0.39787                   519414.40
4263791.52        0.36832
         519264.40    4263841.52        0.44141                   519314.40
4263841.52        0.40781
         519364.40    4263841.52        0.37725                   519414.40
4263841.52        0.35013
         519218.01    4263693.29        0.58184                   519159.74
4263866.05        0.50311
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP2 ***
INCLUDING SOURCE(S): L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 , L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.46578	519259.74	4263866.05	0.43135
519309.74	4263866.05	0.39940	519109.74	4263916.05	0.50226
519159.74	4263916.05	0.46754	519209.74	4263916.05	0.43540
519259.74	4263916.05	0.40549	519309.74	4263916.05	0.37721
519109.74	4263966.05	0.46512	519159.74	4263966.05	0.43527
519209.74	4263966.05	0.40735	519259.74	4263966.05	0.38088
519309.74	4263966.05	0.35653	519109.74	4264016.05	0.43198
519159.74	4264016.05	0.40605	519209.74	4264016.05	0.38153
519259.74	4264016.05	0.35849	519309.74	4264016.05	0.33702
518909.74	4264066.05	0.50888	519109.74	4264066.05	0.40229
519159.74	4264066.05	0.37960	519209.74	4264066.05	0.35780
519259.74	4264066.05	0.33779	518909.74	4264116.05	0.46846
518959.74	4264116.05	0.44328	519009.74	4264116.05	0.41931
519059.74	4264116.05	0.39685	519109.74	4264116.05	0.37564
519159.74	4264116.05	0.35538	519209.74	4264116.05	0.33638
518809.74	4264216.05	0.43999	518859.74	4264216.05	0.42109
518909.74	4264216.05	0.40120	518959.74		

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4264216.05        0.38229
         519009.74    4264216.05        0.36380                   519059.74
4264216.05        0.34616
         518809.74    4264266.05        0.40765                   518859.74
4264266.05        0.39079
         518909.74    4264266.05        0.37357                   518959.74
4264266.05        0.35688
         519009.74    4264266.05        0.34036                   518809.74
4264316.05        0.37896
         518859.74    4264316.05        0.36398                   518909.74
4264316.05        0.34893
         518959.74    4264316.05        0.33373                   518809.74
4264366.05        0.35335
         518859.74    4264366.05        0.34030                   518909.74
4264366.05        0.32685
         518959.74    4264366.05        0.31330                   518809.74
4264416.05        0.33070
         518859.74    4264416.05        0.31910                   518909.74
4264416.05        0.30687
         518959.74    4264416.05        0.29491                   518809.74
4264466.05        0.31043
         518859.74    4264466.05        0.29997                   518909.74
4264466.05        0.28894
         518959.74    4264466.05        0.27825                   518427.21
4264490.34        0.31786
         518477.21    4264490.34        0.32356                   518527.21
4264490.34        0.32700
         518577.21    4264490.34        0.32796                   518627.21
4264490.34        0.32621
         518677.21    4264490.34        0.32211                   518727.21
4264490.34        0.31574
         518427.21    4264540.34        0.30030                   518477.21
4264540.34        0.30509
         518527.21    4264540.34        0.30787                   518577.21
4264540.34        0.30845
         518627.21    4264540.34        0.30665                   518677.21
4264540.34        0.30281
         518727.21    4264540.34        0.29680                   518427.21
4264590.34        0.28425
         518477.21    4264590.34        0.28829                   518527.21
4264590.34        0.29052
         518577.21    4264590.34        0.29081                   518627.21
4264590.34        0.28901
         518677.21    4264590.34        0.28539                   518727.21
4264590.34        0.27994
         518427.21    4264640.34        0.26951                   518477.21
4264640.34        0.27296
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP2 ***
INCLUDING SOURCE(S): L0003241 , L0003242 , L0003243 , L0003244 , L0003245 , L0003246 , L0003247 , L0003248 , L0003249 , L0003250 , L0003251 , L0003252 , L0003253 , L0003254 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.27475	518577.21	4264640.34	0.27481
518627.21	4264640.34	0.27311	518677.21	4264640.34	0.26972
518727.21	4264640.34	0.26471	518427.21	4264690.34	0.25603
518477.21	4264690.34	0.25894	518527.21	4264690.34	0.26036
518577.21	4264690.34	0.26023	518627.21	4264690.34	0.25855
518677.21	4264690.34	0.25539	518727.21	4264690.34	0.25076
517792.98	4264300.53	0.19991	517815.08	4264313.32	0.20429
517869.76	4264338.92	0.21584	517867.43	4264358.69	0.21295
517911.64	4264344.73	0.22642	517823.23	4264366.84	0.20109

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP3 ***
INCLUDING SOURCE(S): L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.54601	0.62881	0.73617	0.87935	1.07674
4264334.65	0.56590	0.65417	0.76814	0.91993	1.13585
4264284.65	0.58536	0.67887	0.80117	0.96783	1.19546
4264234.65	0.60197	0.70115	0.83148	1.00965	1.25675
4264184.65	0.61228	0.71612	0.85440	1.04144	1.30673

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP3 ***
INCLUDING SOURCE(S): L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	0.53820	518478.45	4263094.05	0.53024
518503.45	4263094.05	0.52143	518528.45	4263094.05	0.51188
518553.45	4263094.05	0.50170	518578.45	4263094.05	0.49103
518603.45	4263094.05	0.47996	518628.45	4263094.05	0.46862
518653.45	4263094.05	0.45710	518678.45	4263094.05	0.44529
518703.45	4263094.05	0.43349	518453.45	4263119.05	0.55752
518478.45	4263119.05	0.54834	518503.45	4263119.05	0.53831
518528.45	4263119.05	0.52756	518553.45	4263119.05	0.51622
518578.45	4263119.05	0.50442	518603.45	4263119.05	0.49229
518628.45	4263119.05	0.47994	518653.45	4263119.05	0.46748
518678.45	4263119.05	0.45480	518703.45	4263119.05	0.44218
518453.45	4263144.05	0.57749	518478.45	4263144.05	0.56698
518503.45	4263144.05	0.55562	518528.45	4263144.05	0.54357
518553.45	4263144.05	0.53097	518578.45	4263144.05	0.51797
518603.45	4263144.05	0.50471	518628.45	4263144.05	0.49130
518653.45	4263144.05	0.47787	518678.45	4263144.05	0.46428

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        518703.45    4263144.05        0.45083                  518453.45
4263169.05        0.59812
        518478.45    4263169.05        0.58612                  518503.45
4263169.05        0.57330
        518528.45    4263169.05        0.55985                  518553.45
4263169.05        0.54591
        518578.45    4263169.05        0.53164                  518603.45
4263169.05        0.51719
        518628.45    4263169.05        0.50268                  518653.45
4263169.05        0.48823
        518678.45    4263169.05        0.47370                  518703.45
4263169.05        0.45939
        518453.45    4263194.05        0.61936                  518478.45
4263194.05        0.60574
        518503.45    4263194.05        0.59134                  518528.45
4263194.05        0.57637
        518553.45    4263194.05        0.56100                  518578.45
4263194.05        0.54539
        518603.45    4263194.05        0.52970                  518628.45
4263194.05        0.51405
        518653.45    4263194.05        0.49854                  518678.45
4263194.05        0.48304
        518703.45    4263194.05        0.46785                  518453.45
4263219.05        0.64119
        518478.45    4263219.05        0.62579                  518503.45
4263219.05        0.60969
        518528.45    4263219.05        0.59309                  518553.45
4263219.05        0.57620
        518578.45    4263219.05        0.55918                  518603.45
4263219.05        0.54219
        518628.45    4263219.05        0.52535                  518653.45
4263219.05        0.50876
        518678.45    4263219.05        0.49226                  518703.45
4263219.05        0.47617
        518453.45    4263244.05        0.66357                  518478.45
4263244.05        0.64623
        518503.45    4263244.05        0.62829                  518528.45
4263244.05        0.60997
        518553.45    4263244.05        0.59147                  518578.45
4263244.05        0.57297
        518603.45    4263244.05        0.55462                  518628.45
4263244.05        0.53655
        518653.45    4263244.05        0.51884                  518678.45
4263244.05        0.50132
        518703.45    4263244.05        0.48429                  518527.91
4263264.20        0.62407
        518552.64    4263264.47        0.60459                  518578.72
4263266.62        0.58516
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP3 ***
INCLUDING SOURCE(S): L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	0.56520	518628.45	4263269.05	0.54760
518653.45	4263269.05	0.52874	518678.45	4263269.05	0.51016
518703.45	4263269.05	0.49218	518503.63	4263264.09	0.64321
518475.88	4263264.35	0.66507	519264.40	4262891.52	0.23626
519314.40	4262891.52	0.22576	519364.40	4262891.52	0.21573
519414.40	4262891.52	0.20617	519264.40	4262941.52	0.23939
519314.40	4262941.52	0.22825	519364.40	4262941.52	0.21765
519414.40	4262941.52	0.20759	519264.40	4262991.52	0.24198
519314.40	4262991.52	0.23020	519364.40	4262991.52	0.21907
519414.40	4262991.52	0.20856	519264.40	4263041.52	0.24395
519314.40	4263041.52	0.23159	519364.40	4263041.52	0.21998
519414.40	4263041.52	0.20910	519264.40	4263091.52	0.24530
519314.40	4263091.52	0.23242	519364.40	4263091.52	0.22042
519414.40	4263091.52	0.20925	519264.40	4263141.52	0.24603
519314.40	4263141.52	0.23275	519364.40	4263141.52	0.22045
519414.40	4263141.52	0.20907	519264.40	4263191.52	0.24622

519364.40 4263191.52 0.22016 519414.40
4263191.52 0.20867
519264.40 4263341.52 0.24481 519314.40
4263341.52 0.23107
519364.40 4263341.52 0.21858 519414.40
4263341.52 0.20719
519264.40 4263391.52 0.24425 519314.40
4263391.52 0.23063
519364.40 4263391.52 0.21826 519414.40
4263391.52 0.20700
519264.40 4263441.52 0.24394 519314.40
4263441.52 0.23047
519364.40 4263441.52 0.21825 519414.40
4263441.52 0.20711
519264.40 4263491.52 0.24403 519314.40
4263491.52 0.23070
519364.40 4263491.52 0.21859 519414.40
4263491.52 0.20754
519264.40 4263541.52 0.24454 519314.40
4263541.52 0.23130
519364.40 4263541.52 0.21925 519414.40
4263541.52 0.20824
519264.40 4263591.52 0.24540 519314.40
4263591.52 0.23217
519364.40 4263591.52 0.22011 519414.40
4263591.52 0.21031
519264.40 4263641.52 0.24643 519314.40
4263641.52 0.23314
519364.40 4263641.52 0.22322 519414.40
4263641.52 0.21225
519264.40 4263691.52 0.24741 519314.40
4263691.52 0.23400
519364.40 4263691.52 0.22438 519414.40
4263691.52 0.21306
519264.40 4263741.52 0.24817 519314.40
4263741.52 0.23464
519364.40 4263741.52 0.22487 519414.40
4263741.52 0.21357
519264.40 4263791.52 0.24860 519314.40
4263791.52 0.23496
519364.40 4263791.52 0.22516 519414.40
4263791.52 0.21378
519264.40 4263841.52 0.24865 519314.40
4263841.52 0.23692
519364.40 4263841.52 0.22529 519414.40
4263841.52 0.21370
519218.01 4263693.29 0.26107 519159.74
4263866.05 0.28191

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP3 ***
INCLUDING SOURCE(S): L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.26509	519259.74	4263866.05	0.24986
519309.74	4263866.05	0.23834	519109.74	4263916.05	0.29700
519159.74	4263916.05	0.28119	519209.74	4263916.05	0.26437
519259.74	4263916.05	0.24916	519309.74	4263916.05	0.23834
519109.74	4263966.05	0.29810	519159.74	4263966.05	0.27956
519209.74	4263966.05	0.26464	519259.74	4263966.05	0.25078
519309.74	4263966.05	0.23696	519109.74	4264016.05	0.29515
519159.74	4264016.05	0.27687	519209.74	4264016.05	0.26257
519259.74	4264016.05	0.24839	519309.74	4264016.05	0.23493
518909.74	4264066.05	0.37268	519109.74	4264066.05	0.29104
519159.74	4264066.05	0.27313	519209.74	4264066.05	0.25972
519259.74	4264066.05	0.24498	518909.74	4264116.05	0.36702
518959.74	4264116.05	0.34854	519009.74	4264116.05	0.32726
519059.74	4264116.05	0.30552	519109.74	4264116.05	0.28608
519159.74	4264116.05	0.27047	519209.74	4264116.05	0.25523
518809.74	4264216.05	0.41463	518859.74	4264216.05	0.38214

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         518909.74    4264216.05        0.36277                    518959.74
4264216.05        0.33698
         519009.74    4264216.05        0.31569                    519059.74
4264216.05        0.29564
         518809.74    4264266.05        0.40321                    518859.74
4264266.05        0.37880
         518909.74    4264266.05        0.35392                    518959.74
4264266.05        0.32931
         519009.74    4264266.05        0.30924                    518809.74
4264316.05        0.39512
         518859.74    4264316.05        0.36997                    518909.74
4264316.05        0.34538
         518959.74    4264316.05        0.32322                    518809.74
4264366.05        0.38118
         518859.74    4264366.05        0.35682                    518909.74
4264366.05        0.33452
         518959.74    4264366.05        0.31412                    518809.74
4264416.05        0.36508
         518859.74    4264416.05        0.34206                    518909.74
4264416.05        0.32261
         518959.74    4264416.05        0.30360                    518809.74
4264466.05        0.34653
         518859.74    4264466.05        0.32665                    518909.74
4264466.05        0.30898
         518959.74    4264466.05        0.29175                    518427.21
4264490.34        0.59444
         518477.21    4264490.34        0.54212                    518527.21
4264490.34        0.49704
         518577.21    4264490.34        0.45803                    518627.21
4264490.34        0.42484
         518677.21    4264490.34        0.39537                    518727.21
4264490.34        0.37288
         518427.21    4264540.34        0.55144                    518477.21
4264540.34        0.50506
         518527.21    4264540.34        0.46467                    518577.21
4264540.34        0.42941
         518627.21    4264540.34        0.39921                    518677.21
4264540.34        0.37236
         518727.21    4264540.34        0.35194                    518427.21
4264590.34        0.51310
         518477.21    4264590.34        0.47173                    518527.21
4264590.34        0.43539
         518577.21    4264590.34        0.40343                    518627.21
4264590.34        0.37570
         518677.21    4264590.34        0.35107                    518727.21
4264590.34        0.33149
         518427.21    4264640.34        0.47986                    518477.21
4264640.34        0.44212
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DGP3 ***
INCLUDING SOURCE(S): L0003269 , L0003270 , L0003271 , L0003272 , L0003273 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.40911	518577.21	4264640.34	0.38001
518627.21	4264640.34	0.35424	518677.21	4264640.34	0.33127
518727.21	4264640.34	0.31238	518427.21	4264690.34	0.44950
518477.21	4264690.34	0.41557	518527.21	4264690.34	0.38561
518577.21	4264690.34	0.35898	518627.21	4264690.34	0.33522
518677.21	4264690.34	0.31406	518727.21	4264690.34	0.29576
517792.98	4264300.53	5.95238	517815.08	4264313.32	5.19535
517869.76	4264338.92	3.92940	517867.43	4264358.69	3.58526
517911.64	4264344.73	3.41877	517823.23	4264366.84	3.79059

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.23719	0.24694	0.25738	0.26848	0.28015
4264334.65	0.23757	0.24734	0.25776	0.26880	0.28086
4264284.65	0.23808	0.24773	0.25817	0.26970	0.28170
4264234.65	0.23863	0.24823	0.25860	0.27005	0.28201
4264184.65	0.23903	0.24866	0.25923	0.27028	0.28231

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.16028	518478.45	4263094.05	1.22306
518503.45	4263094.05	1.29166	518528.45	4263094.05	1.36671
518553.45	4263094.05	1.44889	518578.45	4263094.05	1.53889
518603.45	4263094.05	1.63742	518628.45	4263094.05	1.74516
518653.45	4263094.05	1.86272	518678.45	4263094.05	1.99249
518703.45	4263094.05	2.13318	518453.45	4263119.05	1.15665
518478.45	4263119.05	1.21916	518503.45	4263119.05	1.28733
518528.45	4263119.05	1.36174	518553.45	4263119.05	1.44296
518578.45	4263119.05	1.53159	518603.45	4263119.05	1.62821
518628.45	4263119.05	1.73334	518653.45	4263119.05	1.84743
518678.45	4263119.05	1.97260	518703.45	4263119.05	2.10743
518453.45	4263144.05	1.15313	518478.45	4263144.05	1.21529
518503.45	4263144.05	1.28292	518528.45	4263144.05	1.35652
518553.45	4263144.05	1.43660	518578.45	4263144.05	1.52365
518603.45	4263144.05	1.61813	518628.45	4263144.05	1.72041
518653.45	4263144.05	1.83079	518678.45	4263144.05	1.95117
518703.45	4263144.05	2.08000	518453.45		

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4263169.05        1.14965
         518478.45    4263169.05        1.21135                   518503.45
4263169.05        1.27831
         518528.45    4263169.05        1.35096                   518553.45
4263169.05        1.42972
         518578.45    4263169.05        1.51499                   518603.45
4263169.05        1.60710
         518628.45    4263169.05        1.70632                   518653.45
4263169.05        1.81281
         518678.45    4263169.05        1.92827                   518703.45
4263169.05        2.05106
         518453.45    4263194.05        1.14613                   518478.45
4263194.05        1.20726
         518503.45    4263194.05        1.27341                   518528.45
4263194.05        1.34495
         518553.45    4263194.05        1.42222                   518578.45
4263194.05        1.50552
         518603.45    4263194.05        1.59508                   518628.45
4263194.05        1.69107
         518653.45    4263194.05        1.79354                   518678.45
4263194.05        1.90398
         518703.45    4263194.05        2.02075                   518453.45
4263219.05        1.14248
         518478.45    4263219.05        1.20293                   518503.45
4263219.05        1.26814
         518528.45    4263219.05        1.33843                   518553.45
4263219.05        1.41404
         518578.45    4263219.05        1.49521                   518603.45
4263219.05        1.58207
         518628.45    4263219.05        1.67469                   518653.45
4263219.05        1.77303
         518678.45    4263219.05        1.87844                   518703.45
4263219.05        1.98923
         518453.45    4263244.05        1.13864                   518478.45
4263244.05        1.19829
         518503.45    4263244.05        1.26244                   518528.45
4263244.05        1.33132
         518553.45    4263244.05        1.40514                   518578.45
4263244.05        1.48403
         518603.45    4263244.05        1.56805                   518628.45
4263244.05        1.65721
         518653.45    4263244.05        1.75137                   518678.45
4263244.05        1.85176
         518703.45    4263244.05        1.95668                   518527.91
4263264.20        1.32363
         518552.64    4263264.47        1.39489                   518578.72
4263266.62        1.47403
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	1.55654	518628.45	4263269.05	1.63868
518653.45	4263269.05	1.72864	518678.45	4263269.05	1.82407
518703.45	4263269.05	1.92326	518503.63	4263264.09	1.25798
518475.88	4263264.35	1.18800	519264.40	4262891.52	10.26883
519314.40	4262891.52	10.26908	519364.40	4262891.52	10.01160
519414.40	4262891.52	9.46476	519264.40	4262941.52	8.47048
519314.40	4262941.52	8.40203	519364.40	4262941.52	8.13133
519414.40	4262941.52	7.65572	519264.40	4262991.52	7.09845
519314.40	4262991.52	6.99295	519364.40	4262991.52	6.73400
519414.40	4262991.52	6.33180	519264.40	4263041.52	6.02844
519314.40	4263041.52	5.90661	519364.40	4263041.52	5.67005
519414.40	4263041.52	5.33314	519264.40	4263091.52	5.17938
519314.40	4263091.52	5.05384	519364.40	4263091.52	4.84284
519414.40	4263091.52	4.56081	519264.40	4263141.52	4.49582
519314.40	4263141.52	4.37376	519364.40	4263141.52	4.18782
519414.40	4263141.52	3.95087	519264.40	4263191.52	3.93847
519364.40	4263191.52	3.66063	519414.40		

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4263191.52        3.46046
         519264.40    4263341.52        2.77350                    519314.40
4263341.52        2.68568
         519364.40    4263341.52        2.57604                    519414.40
4263341.52        2.45052
         519264.40    4263391.52        2.50002                    519314.40
4263391.52        2.42061
         519364.40    4263391.52        2.32408                    519414.40
4263391.52        2.21525
         519264.40    4263441.52        2.26605                    519314.40
4263441.52        2.19435
         519364.40    4263441.52        2.10907                    519414.40
4263441.52        2.01413
         519264.40    4263491.52        2.06440                    519314.40
4263491.52        1.99967
         519364.40    4263491.52        1.92405                    519414.40
4263491.52        1.84075
         519264.40    4263541.52        1.88942                    519314.40
4263541.52        1.83092
         519364.40    4263541.52        1.76361                    519414.40
4263541.52        1.69014
         519264.40    4263591.52        1.73660                    519314.40
4263591.52        1.68366
         519364.40    4263591.52        1.62354                    519414.40
4263591.52        1.55854
         519264.40    4263641.52        1.60237                    519314.40
4263641.52        1.55437
         519364.40    4263641.52        1.50092                    519414.40
4263641.52        1.44292
         519264.40    4263691.52        1.48381                    519314.40
4263691.52        1.44022
         519364.40    4263691.52        1.39215                    519414.40
4263691.52        1.34022
         519264.40    4263741.52        1.37858                    519314.40
4263741.52        1.33889
         519364.40    4263741.52        1.29546                    519414.40
4263741.52        1.24883
         519264.40    4263791.52        1.28473                    519314.40
4263791.52        1.24852
         519364.40    4263791.52        1.20918                    519414.40
4263791.52        1.16712
         519264.40    4263841.52        1.20066                    519314.40
4263841.52        1.16770
         519364.40    4263841.52        1.13182                    519414.40
4263841.52        1.09374
         519218.01    4263693.29        1.51451                    519159.74
4263866.05        1.21641
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.19314	519259.74	4263866.05	1.16538
519309.74	4263866.05	1.13417	519109.74	4263916.05	1.15812
519159.74	4263916.05	1.14085	519209.74	4263916.05	1.11900
519259.74	4263916.05	1.09328	519309.74	4263916.05	1.06472
519109.74	4263966.05	1.08904	519159.74	4263966.05	1.07244
519209.74	4263966.05	1.05197	519259.74	4263966.05	1.02834
519309.74	4263966.05	1.00181	519109.74	4264016.05	1.02614
519159.74	4264016.05	1.01029	519209.74	4264016.05	0.99118
519259.74	4264016.05	0.96916	519309.74	4264016.05	0.94467
518909.74	4264066.05	0.99228	519109.74	4264066.05	0.96877
519159.74	4264066.05	0.95366	519209.74	4264066.05	0.93583
519259.74	4264066.05	0.91526	518909.74	4264116.05	0.94133
518959.74	4264116.05	0.94050	519009.74	4264116.05	0.93594
519059.74	4264116.05	0.92773	519109.74	4264116.05	0.91629
519159.74	4264116.05	0.90207	519209.74	4264116.05	0.88519
518809.74	4264216.05	0.84666	518859.74	4264216.05	0.85010
518909.74	4264216.05	0.85085	518959.74		

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4264216.05        0.84825
         519009.74    4264216.05        0.84291                   519059.74
4264216.05        0.83481
         518809.74    4264266.05        0.80807                   518859.74
4264266.05        0.81056
         518909.74    4264266.05        0.81026                   518959.74
4264266.05        0.80716
         519009.74    4264266.05        0.80167                   518809.74
4264316.05        0.77207
         518859.74    4264316.05        0.77365                   518909.74
4264316.05        0.77256
         518959.74    4264316.05        0.76922                   518809.74
4264366.05        0.73846
         518859.74    4264366.05        0.73907                   518909.74
4264366.05        0.73748
         518959.74    4264366.05        0.73384                   518809.74
4264416.05        0.70683
         518859.74    4264416.05        0.70677                   518909.74
4264416.05        0.70485
         518959.74    4264416.05        0.70091                   518809.74
4264466.05        0.67715
         518859.74    4264466.05        0.67660                   518909.74
4264466.05        0.67434
         518959.74    4264466.05        0.67024                   518427.21
4264490.34        0.61099
         518477.21    4264490.34        0.62331                   518527.21
4264490.34        0.63410
         518577.21    4264490.34        0.64330                   518627.21
4264490.34        0.65102
         518677.21    4264490.34        0.65671                   518727.21
4264490.34        0.66065
         518427.21    4264540.34        0.59182                   518477.21
4264540.34        0.60273
         518527.21    4264540.34        0.61220                   518577.21
4264540.34        0.62017
         518627.21    4264540.34        0.62678                   518677.21
4264540.34        0.63152
         518727.21    4264540.34        0.63481                   518427.21
4264590.34        0.57329
         518477.21    4264590.34        0.58294                   518527.21
4264590.34        0.59123
         518577.21    4264590.34        0.59811                   518627.21
4264590.34        0.60374
         518677.21    4264590.34        0.60767                   518727.21
4264590.34        0.61021
         518427.21    4264640.34        0.55511                   518477.21
4264640.34        0.56387
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1A ***
INCLUDING SOURCE(S): L0003380 , L0003381 , L0003382 , L0003383 , L0003384 , L0003385 , L0003386 , L0003387 , L0003388 , L0003389 , L0003390 , L0003391 , L0003392 , L0003393 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.57117	518577.21	4264640.34	0.57709
518627.21	4264640.34	0.58165	518677.21	4264640.34	0.58494
518727.21	4264640.34	0.58693	518427.21	4264690.34	0.53786
518477.21	4264690.34	0.54561	518527.21	4264690.34	0.55199
518577.21	4264690.34	0.55708	518627.21	4264690.34	0.56091
518677.21	4264690.34	0.56347	518727.21	4264690.34	0.56502
517792.98	4264300.53	0.40049	517815.08	4264313.32	0.40854
517869.76	4264338.92	0.42913	517867.43	4264358.69	0.42673
517911.64	4264344.73	0.44615	517823.23	4264366.84	0.40868

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1B ***
INCLUDING SOURCE(S): L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 , L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 , L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 , L0003418 , L0003419 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.33951	0.35700	0.37590	0.39613	0.41760
4264334.65	0.34009	0.35773	0.37675	0.39712	0.41946
4264284.65	0.34078	0.35833	0.37751	0.39878	0.42126
4264234.65	0.34148	0.35901	0.37818	0.39947	0.42213
4264184.65	0.34193	0.35954	0.37904	0.39988	0.42280

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1B ***
INCLUDING SOURCE(S): L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 , L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 , L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 , L0003418 , L0003419 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	4.23249	518478.45	4263094.05	4.84465
518503.45	4263094.05	5.62171	518528.45	4263094.05	6.61654
518553.45	4263094.05	7.88532	518578.45	4263094.05	9.46169
518603.45	4263094.05	11.30189	518628.45	4263094.05	13.21552
518653.45	4263094.05	14.86375	518678.45	4263094.05	15.94494
518703.45	4263094.05	16.34780	518453.45	4263119.05	4.21083
518478.45	4263119.05	4.80821	518503.45	4263119.05	5.54926
518528.45	4263119.05	6.46493	518553.45	4263119.05	7.57568
518578.45	4263119.05	8.86996	518603.45	4263119.05	10.27521
518628.45	4263119.05	11.64133	518653.45	4263119.05	12.77140
518678.45	4263119.05	13.52652	518703.45	4263119.05	13.85460
518453.45	4263144.05	4.18155	518478.45	4263144.05	4.75442
518503.45	4263144.05	5.44582	518528.45	4263144.05	6.26883
518553.45	4263144.05	7.22134	518578.45	4263144.05	8.27281
518603.45	4263144.05	9.35344	518628.45	4263144.05	10.35712

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         518653.45    4263144.05       11.16855                    518678.45
4263144.05       11.72067
         518703.45    4263144.05       11.98497                    518453.45
4263169.05        4.14049
         518478.45    4263169.05        4.68044                    518503.45
4263169.05        5.31348
         518528.45    4263169.05        6.04037                    518553.45
4263169.05        6.84733
         518578.45    4263169.05        7.69973                    518603.45
4263169.05        8.54033
         518628.45    4263169.05        9.29682                    518653.45
4263169.05        9.90008
         518678.45    4263169.05       10.31671                    518703.45
4263169.05       10.52893
         518453.45    4263194.05        4.08561                    518478.45
4263194.05        4.58676
         518503.45    4263194.05        5.15779                    518528.45
4263194.05        5.79219
         518553.45    4263194.05        6.47177                    518578.45
4263194.05        7.16460
         518603.45    4263194.05        7.82678                    518628.45
4263194.05        8.40942
         518653.45    4263194.05        8.86983                    518678.45
4263194.05        9.19127
         518703.45    4263194.05        9.36139                    518453.45
4263219.05        4.01682
         518478.45    4263219.05        4.47603                    518503.45
4263219.05        4.98543
         518528.45    4263219.05        5.53499                    518553.45
4263219.05        6.10620
         518578.45    4263219.05        6.67215                    518603.45
4263219.05        7.20017
         518628.45    4263219.05        7.65696                    518653.45
4263219.05        8.01539
         518678.45    4263219.05        8.26727                    518703.45
4263219.05        8.40339
         518453.45    4263244.05        3.93535                    518478.45
4263244.05        4.35187
         518503.45    4263244.05        4.80273                    518528.45
4263244.05        5.27679
         518553.45    4263244.05        5.75720                    518578.45
4263244.05        6.22230
         518603.45    4263244.05        6.64799                    518628.45
4263244.05        7.01133
         518653.45    4263244.05        7.29457                    518678.45
4263244.05        7.49410
         518703.45    4263244.05        7.60268                    518527.91
4263264.20        5.06270
         518552.64    4263264.47        5.47348                    518578.72
4263266.62        5.85483
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1B ***
INCLUDING SOURCE(S): L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 , L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 , L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 , L0003418 , L0003419 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	6.21627	518628.45	4263269.05	6.45152
518653.45	4263269.05	6.67788	518678.45	4263269.05	6.83709
518703.45	4263269.05	6.92328	518503.63	4263264.09	4.65543
518475.88	4263264.35	4.20321	519264.40	4262891.52	7.34627
519314.40	4262891.52	6.05276	519364.40	4262891.52	5.08606
519414.40	4262891.52	4.34509	519264.40	4262941.52	6.41729
519314.40	4262941.52	5.39267	519364.40	4262941.52	4.60188
519414.40	4262941.52	3.98018	519264.40	4262991.52	5.61509
519314.40	4262991.52	4.79823	519364.40	4262991.52	4.15080
519414.40	4262991.52	3.63050	519264.40	4263041.52	4.92861
519314.40	4263041.52	4.27282	519364.40	4263041.52	3.74081
519414.40	4263041.52	3.30490	519264.40	4263091.52	4.34137
519314.40	4263091.52	3.81188	519364.40	4263091.52	3.37316
519414.40	4263091.52	3.00718	519264.40	4263141.52	3.83865
519314.40	4263141.52	3.40860	519364.40	4263141.52	3.04557

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        519414.40    4263141.52        2.73767                    519264.40
4263191.52        3.40915
        519364.40    4263191.52        2.75499                    519414.40
4263191.52        2.49517
        519264.40    4263341.52        2.47409                    519314.40
4263341.52        2.26480
        519364.40    4263341.52        2.07997                    519414.40
4263341.52        1.91645
        519264.40    4263391.52        2.25171                    519314.40
4263391.52        2.07161
        519364.40    4263391.52        1.91112                    519414.40
4263391.52        1.76808
        519264.40    4263441.52        2.06023                    519314.40
4263441.52        1.90440
        519364.40    4263441.52        1.76416                    519414.40
4263441.52        1.63811
        519264.40    4263491.52        1.89337                    519314.40
4263491.52        1.75812
        519364.40    4263491.52        1.63517                    519414.40
4263491.52        1.52365
        519264.40    4263541.52        1.74647                    519314.40
4263541.52        1.62879
        519364.40    4263541.52        1.52080                    519414.40
4263541.52        1.42197
        519264.40    4263591.52        1.61617                    519314.40
4263591.52        1.51345
        519364.40    4263591.52        1.41845                    519414.40
4263591.52        1.33062
        519264.40    4263641.52        1.49999                    519314.40
4263641.52        1.40998
        519364.40    4263641.52        1.32537                    519414.40
4263641.52        1.24744
        519264.40    4263691.52        1.39597                    519314.40
4263691.52        1.31673
        519364.40    4263691.52        1.24170                    519414.40
4263691.52        1.17250
        519264.40    4263741.52        1.30254                    519314.40
4263741.52        1.23245
        519364.40    4263741.52        1.16588                    519414.40
4263741.52        1.10404
        519264.40    4263791.52        1.21837                    519314.40
4263791.52        1.15607
        519364.40    4263791.52        1.09669                    519414.40
4263791.52        1.04132
        519264.40    4263841.52        1.14231                    519314.40
4263841.52        1.08646
        519364.40    4263841.52        1.03341                    519414.40
4263841.52        0.98373
        519218.01    4263693.29        1.47032                    519159.74
4263866.05        1.22693
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1B ***
INCLUDING SOURCE(S): L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 , L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 , L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 , L0003418 , L0003419 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.16850	519259.74	4263866.05	1.11272
519309.74	4263866.05	1.05939	519109.74	4263916.05	1.20295
519159.74	4263916.05	1.14871	519209.74	4263916.05	1.09647
519259.74	4263916.05	1.04648	519309.74	4263916.05	0.99827
519109.74	4263966.05	1.12668	519159.74	4263966.05	1.07816
519209.74	4263966.05	1.03116	519259.74	4263966.05	0.98567
519309.74	4263966.05	0.94272	519109.74	4264016.05	1.05795
519159.74	4264016.05	1.01429	519209.74	4264016.05	0.97173
519259.74	4264016.05	0.93076	519309.74	4264016.05	0.89179
518909.74	4264066.05	1.15602	519109.74	4264066.05	0.99573
519159.74	4264066.05	0.95628	519209.74	4264066.05	0.91746
519259.74	4264066.05	0.88058	518909.74	4264116.05	1.08425
518959.74	4264116.05	1.04875	519009.74	4264116.05	1.01225
519059.74	4264116.05	0.97562	519109.74	4264116.05	0.93920
519159.74	4264116.05	0.90317	519209.74	4264116.05	0.86816

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        518809.74    4264216.05       1.01456                  518859.74
4264216.05        0.98857
        518909.74    4264216.05       0.96033                  518959.74
4264216.05        0.93108
        519009.74    4264216.05       0.90085                  519059.74
4264216.05        0.87036
        518809.74    4264266.05       0.95663                  518859.74
4264266.05        0.93262
        518909.74    4264266.05       0.90688                  518959.74
4264266.05        0.88014
        519009.74    4264266.05       0.85239                  518809.74
4264316.05        0.90381
        518859.74    4264316.05       0.88160                  518909.74
4264316.05        0.85808
        518959.74    4264316.05       0.83325                  518809.74
4264366.05        0.85545
        518859.74    4264366.05       0.83509                  518909.74
4264366.05        0.81339
        518959.74    4264366.05       0.79057                  518809.74
4264416.05        0.81125
        518859.74    4264416.05       0.79245                  518909.74
4264416.05        0.77225
        518959.74    4264416.05       0.75137                  518809.74
4264466.05        0.77067
        518859.74    4264466.05       0.75319                  518909.74
4264466.05        0.73446
        518959.74    4264466.05       0.71525                  518427.21
4264490.34        0.81890
        518477.21    4264490.34       0.81837                  518527.21
4264490.34        0.81504
        518577.21    4264490.34       0.80908                  518627.21
4264490.34        0.80063
        518677.21    4264490.34       0.78990                  518727.21
4264490.34        0.77712
        518427.21    4264540.34       0.78090                  518477.21
4264540.34        0.77971
        518527.21    4264540.34       0.77605                  518577.21
4264540.34        0.77005
        518627.21    4264540.34       0.76183                  518677.21
4264540.34        0.75160
        518727.21    4264540.34       0.73943                  518427.21
4264590.34        0.74551
        518477.21    4264590.34       0.74381                  518527.21
4264590.34        0.73991
        518577.21    4264590.34       0.73391                  518627.21
4264590.34        0.72596
        518677.21    4264590.34       0.71620                  518727.21
4264590.34        0.70476
        518427.21    4264640.34       0.71229                  518477.21
4264640.34        0.71038
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1B ***
INCLUDING SOURCE(S): L0003394 , L0003395 , L0003396 , L0003397 , L0003398 , L0003399 , L0003400 , L0003401 , L0003402 , L0003403 , L0003404 , L0003405 , L0003406 , L0003407 , L0003408 , L0003409 , L0003410 , L0003411 , L0003412 , L0003413 , L0003414 , L0003415 , L0003416 , L0003417 , L0003418 , L0003419 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.70634	518577.21	4264640.34	0.70039
518627.21	4264640.34	0.69270	518677.21	4264640.34	0.68343
518727.21	4264640.34	0.67267	518427.21	4264690.34	0.68150
518477.21	4264690.34	0.67926	518527.21	4264690.34	0.67511
518577.21	4264690.34	0.66925	518627.21	4264690.34	0.66183
518677.21	4264690.34	0.65298	518727.21	4264690.34	0.64285
517792.98	4264300.53	0.64490	517815.08	4264313.32	0.65769
517869.76	4264338.92	0.68919	517867.43	4264358.69	0.68179
517911.64	4264344.73	0.71591	517823.23	4264366.84	0.65043

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1C ***
INCLUDING SOURCE(S): L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.41749	0.44177	0.46848	0.49763	0.52919
4264334.65	0.41858	0.44293	0.46962	0.49874	0.53133
4264284.65	0.41999	0.44409	0.47085	0.50104	0.53359
4264234.65	0.42159	0.44558	0.47218	0.50220	0.53475
4264184.65	0.42298	0.44702	0.47400	0.50323	0.53592

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1C ***
INCLUDING SOURCE(S): L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	9.09766	518478.45	4263094.05	10.81295
518503.45	4263094.05	13.11291	518528.45	4263094.05	16.30429
518553.45	4263094.05	20.90723	518578.45	4263094.05	27.82208
518603.45	4263094.05	38.63195	518628.45	4263094.05	56.22568
518653.45	4263094.05	86.67441	518678.45	4263094.05	150.39633
518703.45	4263094.05	130.94151	518453.45	4263119.05	9.26964
518478.45	4263119.05	11.04927	518503.45	4263119.05	13.43540
518528.45	4263119.05	16.72858	518553.45	4263119.05	21.41301
518578.45	4263119.05	28.27979	518603.45	4263119.05	38.66245
518628.45	4263119.05	55.00978	518653.45	4263119.05	82.84434
518678.45	4263119.05	142.68024	518703.45	4263119.05	131.10233
518453.45	4263144.05	9.39917	518478.45	4263144.05	11.22382
518503.45	4263144.05	13.66146	518528.45	4263144.05	16.99628
518553.45	4263144.05	21.66951	518578.45	4263144.05	28.38378
518603.45	4263144.05	38.33109	518628.45	4263144.05	53.81370
518653.45	4263144.05	80.39290	518678.45	4263144.05	138.98964
518703.45	4263144.05	130.52530	518453.45		

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4263169.05        9.48200
         518478.45    4263169.05       11.32760                    518503.45
4263169.05       13.77736
         518528.45    4263169.05       17.09451                    518553.45
4263169.05       21.68084
         518578.45    4263169.05       28.17851                    518603.45
4263169.05       37.71212
         518628.45    4263169.05       52.55968                    518653.45
4263169.05       78.35850
         518678.45    4263169.05      135.72503                    518703.45
4263169.05      128.53468
         518453.45    4263194.05        9.51461                    518478.45
4263194.05       11.35515
         518503.45    4263194.05       13.77786                    518528.45
4263194.05       17.02378
         518553.45    4263194.05       21.46130                    518578.45
4263194.05       27.69085
         518603.45    4263194.05       36.79858                    518628.45
4263194.05       51.04144
         518653.45    4263194.05       76.00873                    518678.45
4263194.05      131.69766
         518703.45    4263194.05      124.82767                    518453.45
4263219.05        9.49569
         518478.45    4263219.05       11.30613                    518503.45
4263219.05       13.66645
         518528.45    4263219.05       16.79518                    518553.45
4263219.05       21.02957
         518578.45    4263219.05       26.93106                    518603.45
4263219.05       35.53801
         518628.45    4263219.05       49.03253                    518653.45
4263219.05       72.81989
         518678.45    4263219.05      126.12041                    518703.45
4263219.05      118.48239
         518453.45    4263244.05        9.42677                    518478.45
4263244.05       11.18503
         518503.45    4263244.05       13.45341                    518528.45
4263244.05       16.42703
         518553.45    4263244.05       20.40931                    518578.45
4263244.05       25.91118
         518603.45    4263244.05       33.88582                    518628.45
4263244.05       46.34544
         518653.45    4263244.05       68.30693                    518678.45
4263244.05      117.82556
         518703.45    4263244.05      106.81566                    518527.91
4263264.20       15.97528
         518552.64    4263264.47       19.64510                    518578.72
4263266.62       24.85975
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1C ***
INCLUDING SOURCE(S): L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	32.28592	518628.45	4263269.05	42.91974
518653.45	4263269.05	62.06138	518678.45	4263269.05	104.66703
518703.45	4263269.05	80.07713	518503.63	4263264.09	13.23720
518475.88	4263264.35	10.84503	519264.40	4262891.52	3.90167
519314.40	4262891.52	3.39794	519364.40	4262891.52	2.98873
519414.40	4262891.52	2.65183	519264.40	4262941.52	3.94839
519314.40	4262941.52	3.42956	519364.40	4262941.52	3.01054
519414.40	4262941.52	2.66710	519264.40	4262991.52	3.97407
519314.40	4262991.52	3.44562	519364.40	4262991.52	3.02055
519414.40	4262991.52	2.67321	519264.40	4263041.52	3.97582
519314.40	4263041.52	3.44389	519364.40	4263041.52	3.01697
519414.40	4263041.52	2.66869	519264.40	4263091.52	3.94968
519314.40	4263091.52	3.42149	519364.40	4263091.52	2.99766
519414.40	4263091.52	2.65193	519264.40	4263141.52	3.89044
519314.40	4263141.52	3.37504	519364.40	4263141.52	2.96037
519414.40	4263141.52	2.62142	519264.40	4263191.52	3.79171
519364.40	4263191.52	2.90229	519414.40		

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4263191.52        2.57530
         519264.40    4263341.52        3.23131                   519314.40
4263341.52        2.87436
         519364.40    4263341.52        2.57435                   519414.40
4263341.52        2.31933
         519264.40    4263391.52        2.98003                   519314.40
4263391.52        2.67560
         519364.40    4263391.52        2.41656                   519414.40
4263391.52        2.19358
         519264.40    4263441.52        2.72128                   519314.40
4263441.52        2.46510
         519364.40    4263441.52        2.24504                   519414.40
4263441.52        2.05371
         519264.40    4263491.52        2.47133                   519314.40
4263491.52        2.25565
         519364.40    4263491.52        2.06950                   519414.40
4263491.52        1.90676
         519264.40    4263541.52        2.24407                   519314.40
4263541.52        2.05922
         519364.40    4263541.52        1.89991                   519414.40
4263541.52        1.76073
         519264.40    4263591.52        2.04776                   519314.40
4263591.52        1.88464
         519364.40    4263591.52        1.74473                   519414.40
4263591.52        1.62295
         519264.40    4263641.52        1.88309                   519314.40
4263641.52        1.73548
         519364.40    4263641.52        1.60783                   519414.40
4263641.52        1.49850
         519264.40    4263691.52        1.74492                   519314.40
4263691.52        1.61002
         519364.40    4263691.52        1.49235                   519414.40
4263691.52        1.39186
         519264.40    4263741.52        1.62624                   519314.40
4263741.52        1.50344
         519364.40    4263741.52        1.39493                   519414.40
4263741.52        1.30116
         519264.40    4263791.52        1.52117                   519314.40
4263791.52        1.41048
         519364.40    4263791.52        1.31099                   519414.40
4263791.52        1.22373
         519264.40    4263841.52        1.42594                   519314.40
4263841.52        1.32674
         519364.40    4263841.52        1.23665                   519414.40
4263841.52        1.15625
         519218.01    4263693.29        1.88400                   519159.74
4263866.05        1.60578
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1C ***
INCLUDING SOURCE(S): L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.49399	519259.74	4263866.05	1.39129
519309.74	4263866.05	1.29666	519109.74	4263916.05	1.59927
519159.74	4263916.05	1.49375	519209.74	4263916.05	1.39636
519259.74	4263916.05	1.30623	519309.74	4263916.05	1.22194
519109.74	4263966.05	1.48423	519159.74	4263966.05	1.39240
519209.74	4263966.05	1.30700	519259.74	4263966.05	1.22690
519309.74	4263966.05	1.15305	519109.74	4264016.05	1.38128
519159.74	4264016.05	1.30070	519209.74	4264016.05	1.22519
519259.74	4264016.05	1.15461	519309.74	4264016.05	1.08892
518909.74	4264066.05	1.62889	519109.74	4264066.05	1.28880
519159.74	4264066.05	1.21764	519209.74	4264066.05	1.15028
519259.74	4264066.05	1.08805	518909.74	4264116.05	1.50457
518959.74	4264116.05	1.42234	519009.74	4264116.05	1.34505
519059.74	4264116.05	1.27300	519109.74	4264116.05	1.20552
519159.74	4264116.05	1.14188	519209.74	4264116.05	1.08232
518809.74	4264216.05	1.43190	518859.74	4264216.05	1.36378
518909.74	4264216.05	1.29655	518959.74		

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4264216.05        1.23307
         519009.74    4264216.05        1.17240                   519059.74
4264216.05        1.11513
         518809.74    4264266.05        1.32959                   518859.74
4264266.05        1.26895
         518909.74    4264266.05        1.20977                   518959.74
4264266.05        1.15331
         519009.74    4264266.05        1.09893                   518809.74
4264316.05        1.23848
         518859.74    4264316.05        1.18441                   518909.74
4264316.05        1.13197
         518959.74    4264316.05        1.08088                   518809.74
4264366.05        1.15689
         518859.74    4264366.05        1.10896                   518909.74
4264366.05        1.06191
         518959.74    4264366.05        1.01607                   518809.74
4264416.05        1.08397
         518859.74    4264416.05        1.04103                   518909.74
4264416.05        0.99838
         518959.74    4264416.05        0.95737                   518809.74
4264466.05        1.01834
         518859.74    4264466.05        0.97953                   518909.74
4264466.05        0.94094
         518959.74    4264466.05        0.90398                   518427.21
4264490.34        1.19383
         518477.21    4264490.34        1.18237                   518527.21
4264490.34        1.16496
         518577.21    4264490.34        1.14218                   518627.21
4264490.34        1.11451
         518677.21    4264490.34        1.08326                   518727.21
4264490.34        1.04909
         518427.21    4264540.34        1.12151                   518477.21
4264540.34        1.10990
         518527.21    4264540.34        1.09320                   518577.21
4264540.34        1.07189
         518627.21    4264540.34        1.04640                   518677.21
4264540.34        1.01786
         518727.21    4264540.34        0.98651                   518427.21
4264590.34        1.05579
         518477.21    4264590.34        1.04422                   518527.21
4264590.34        1.02825
         518577.21    4264590.34        1.00834                   518627.21
4264590.34        0.98484
         518677.21    4264590.34        0.95866                   518727.21
4264590.34        0.93016
         518427.21    4264640.34        0.99564                   518477.21
4264640.34        0.98446
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL1C ***
INCLUDING SOURCE(S): L0003255 , L0003256 , L0003257 , L0003258 , L0003259 , L0003260 , L0003261 , L0003262 , L0003263 , L0003264 , L0003265 , L0003266 , L0003267 , L0003268 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.96929	518577.21	4264640.34	0.95067
518627.21	4264640.34	0.92910	518677.21	4264640.34	0.90506
518727.21	4264640.34	0.87899	518427.21	4264690.34	0.94094
518477.21	4264690.34	0.93000	518527.21	4264690.34	0.91557
518577.21	4264690.34	0.89815	518627.21	4264690.34	0.87817
518677.21	4264690.34	0.85607	518727.21	4264690.34	0.83215
517792.98	4264300.53	0.89908	517815.08	4264313.32	0.92338
517869.76	4264338.92	0.98391	517867.43	4264358.69	0.97176
517911.64	4264344.73	1.03494	517823.23	4264366.84	0.91452

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 , L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433 , L0003434 , L0003435 , L0003436 , L0003437 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	1.58904	1.81687	2.11086	2.50061	3.03517
4264334.65	1.61586	1.84880	2.14651	2.53837	3.09228
4264284.65	1.64254	1.87947	2.18507	2.59441	3.14670
4264234.65	1.66119	1.90327	2.21514	2.63090	3.19692
4264184.65	1.66201	1.90628	2.22279	2.63768	3.20867

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 , L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433 , L0003434 , L0003435 , L0003436 , L0003437 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.50940	518478.45	4263094.05	1.50913
518503.45	4263094.05	1.50700	518528.45	4263094.05	1.50302
518553.45	4263094.05	1.49718	518578.45	4263094.05	1.48952
518603.45	4263094.05	1.48005	518628.45	4263094.05	1.46883
518653.45	4263094.05	1.45589	518678.45	4263094.05	1.44109
518703.45	4263094.05	1.42460	518453.45	4263119.05	1.56681
518478.45	4263119.05	1.56553	518503.45	4263119.05	1.56225
518528.45	4263119.05	1.55697	518553.45	4263119.05	1.54972
518578.45	4263119.05	1.54051	518603.45	4263119.05	1.52939
518628.45	4263119.05	1.51641	518653.45	4263119.05	1.50165
518678.45	4263119.05	1.48495	518703.45	4263119.05	1.46650
518453.45	4263144.05	1.62726	518478.45	4263144.05	1.62481
518503.45	4263144.05	1.62020	518528.45	4263144.05	1.61345
518553.45	4263144.05	1.60459	518578.45	4263144.05	1.59365
518603.45	4263144.05	1.58070	518628.45	4263144.05	1.56579
518653.45	4263144.05	1.54901	518678.45	4263144.05	1.53024

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         518703.45    4263144.05        1.50966                    518453.45
4263169.05        1.69091
         518478.45    4263169.05        1.68712                    518503.45
4263169.05        1.68100
         518528.45    4263169.05        1.67258                    518553.45
4263169.05        1.66191
         518578.45    4263169.05        1.64904                    518603.45
4263169.05        1.63405
         518628.45    4263169.05        1.61701                    518653.45
4263169.05        1.59803
         518678.45    4263169.05        1.57698                    518703.45
4263169.05        1.55408
         518453.45    4263194.05        1.75796                    518478.45
4263194.05        1.75262
         518503.45    4263194.05        1.74478                    518528.45
4263194.05        1.73448
         518553.45    4263194.05        1.72179                    518578.45
4263194.05        1.70677
         518603.45    4263194.05        1.68951                    518628.45
4263194.05        1.67012
         518653.45    4263194.05        1.64872                    518678.45
4263194.05        1.62519
         518703.45    4263194.05        1.59978                    518453.45
4263219.05        1.82862
         518478.45    4263219.05        1.82150                    518503.45
4263219.05        1.81170
         518528.45    4263219.05        1.79928                    518553.45
4263219.05        1.78432
         518578.45    4263219.05        1.76691                    518603.45
4263219.05        1.74715
         518628.45    4263219.05        1.72517                    518653.45
4263219.05        1.70112
         518678.45    4263219.05        1.67490                    518703.45
4263219.05        1.64675
         518453.45    4263244.05        1.90309                    518478.45
4263244.05        1.89394
         518503.45    4263244.05        1.88193                    518528.45
4263244.05        1.86712
         518553.45    4263244.05        1.84963                    518578.45
4263244.05        1.82956
         518603.45    4263244.05        1.80704                    518628.45
4263244.05        1.78222
         518653.45    4263244.05        1.75527                    518678.45
4263244.05        1.72610
         518703.45    4263244.05        1.69500                    518527.91
4263264.20        1.92451
         518552.64    4263264.47        1.90580                    518578.72
4263266.62        1.88809
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 , L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433 , L0003434 , L0003435 , L0003436 , L0003437 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	1.86184	518628.45	4263269.05	1.84130
518653.45	4263269.05	1.81118	518678.45	4263269.05	1.77882
518703.45	4263269.05	1.74450	518503.63	4263264.09	1.94061
518475.88	4263264.35	1.95680	519264.40	4262891.52	0.83138
519314.40	4262891.52	0.79692	519364.40	4262891.52	0.76351
519414.40	4262891.52	0.73138	519264.40	4262941.52	0.85022
519314.40	4262941.52	0.81335	519364.40	4262941.52	0.77791
519414.40	4262941.52	0.74405	519264.40	4262991.52	0.86870
519314.40	4262991.52	0.82944	519364.40	4262991.52	0.79197
519414.40	4262991.52	0.75641	519264.40	4263041.52	0.88676
519314.40	4263041.52	0.84512	519364.40	4263041.52	0.80565
519414.40	4263041.52	0.76839	519264.40	4263091.52	0.90431
519314.40	4263091.52	0.86031	519364.40	4263091.52	0.81884
519414.40	4263091.52	0.77987	519264.40	4263141.52	0.92126
519314.40	4263141.52	0.87489	519364.40	4263141.52	0.83143
519414.40	4263141.52	0.79075	519264.40	4263191.52	0.93745

519364.40 4263191.52 0.84329 519414.40
4263191.52 0.80092
519264.40 4263341.52 0.98007 519314.40
4263341.52 0.92464
519364.40 4263341.52 0.87359 519414.40
4263341.52 0.82653
519264.40 4263391.52 0.99197 519314.40
4263391.52 0.93454
519364.40 4263391.52 0.88187 519414.40
4263391.52 0.83349
519264.40 4263441.52 1.00272 519314.40
4263441.52 0.94348
519364.40 4263441.52 0.88936 519414.40
4263441.52 0.83982
519264.40 4263491.52 1.01245 519314.40
4263491.52 0.95161
519364.40 4263491.52 0.89622 519414.40
4263491.52 0.84568
519264.40 4263541.52 1.02132 519314.40
4263541.52 0.95909
519364.40 4263541.52 0.90261 519414.40
4263541.52 0.85123
519264.40 4263591.52 1.02953 519314.40
4263591.52 0.96610
519364.40 4263591.52 0.90869 519414.40
4263591.52 0.85765
519264.40 4263641.52 1.03725 519314.40
4263641.52 0.97276
519364.40 4263641.52 0.91708 519414.40
4263641.52 0.86532
519264.40 4263691.52 1.04448 519314.40
4263691.52 0.97902
519364.40 4263691.52 0.92382 519414.40
4263691.52 0.87020
519264.40 4263741.52 1.05104 519314.40
4263741.52 0.98461
519364.40 4263741.52 0.92871 519414.40
4263741.52 0.87449
519264.40 4263791.52 1.05650 519314.40
4263791.52 0.98911
519364.40 4263791.52 0.93256 519414.40
4263791.52 0.87763
519264.40 4263841.52 1.06032 519314.40
4263841.52 0.99463
519364.40 4263841.52 0.93488 519414.40
4263841.52 0.87915
519218.01 4263693.29 1.11209 519159.74
4263866.05 1.23279

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 , L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433 , L0003434 , L0003435 , L0003436 , L0003437 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.14575	519259.74	4263866.05	1.06825
519309.74	4263866.05	1.00168	519109.74	4263916.05	1.33491
519159.74	4263916.05	1.23543	519209.74	4263916.05	1.14742
519259.74	4263916.05	1.06916	519309.74	4263916.05	1.00324
519109.74	4263966.05	1.33602	519159.74	4263966.05	1.23566
519209.74	4263966.05	1.14818	519259.74	4263966.05	1.07201
519309.74	4263966.05	1.00159	519109.74	4264016.05	1.33487
519159.74	4264016.05	1.23419	519209.74	4264016.05	1.14745
519259.74	4264016.05	1.06968	519309.74	4264016.05	0.99932
518909.74	4264066.05	1.90778	519109.74	4264066.05	1.33234
519159.74	4264066.05	1.23175	519209.74	4264066.05	1.14587
519259.74	4264066.05	1.06716	518909.74	4264116.05	1.90237
518959.74	4264116.05	1.72821	519009.74	4264116.05	1.57477
519059.74	4264116.05	1.44287	519109.74	4264116.05	1.32836
519159.74	4264116.05	1.23005	519209.74	4264116.05	1.14268
518809.74	4264216.05	2.32615	518859.74	4264216.05	2.07671

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        518909.74    4264216.05       1.87481                  518959.74
4264216.05        1.69992
        519009.74    4264216.05       1.55279                  519059.74
4264216.05        1.42532
        518809.74    4264266.05       2.27832                  518859.74
4264266.05        2.04270
        518909.74    4264266.05       1.84222                  518959.74
4264266.05        1.67282
        519009.74    4264266.05       1.52948                  518809.74
4264316.05        2.21405
        518859.74    4264316.05       1.98816                  518909.74
4264316.05        1.79884
        518959.74    4264316.05       1.63757                  518809.74
4264366.05        2.12419
        518859.74    4264366.05       1.91926                  518909.74
4264366.05        1.74372
        518959.74    4264366.05       1.59196                  518809.74
4264416.05        2.01453
        518859.74    4264416.05       1.83473                  518909.74
4264416.05        1.67645
        518959.74    4264416.05       1.53826                  518809.74
4264466.05        1.88894
        518859.74    4264466.05       1.73541                  518909.74
4264466.05        1.59756
        518959.74    4264466.05       1.47542                  518427.21
4264490.34        4.09962
        518477.21    4264490.34       3.57675                  518527.21
4264490.34        3.15435
        518577.21    4264490.34       2.81165                  518627.21
4264490.34        2.52903
        518677.21    4264490.34       2.29647                  518727.21
4264490.34        2.09776
        518427.21    4264540.34       3.57989                  518477.21
4264540.34        3.16439
        518527.21    4264540.34       2.81950                  518577.21
4264540.34        2.53269
        518627.21    4264540.34       2.29199                  518677.21
4264540.34        2.09293
        518727.21    4264540.34       1.92008                  518427.21
4264590.34        3.15893
        518477.21    4264590.34       2.82218                  518527.21
4264590.34        2.53671
        518577.21    4264590.34       2.29422                  518627.21
4264590.34        2.08655
        518677.21    4264590.34       1.91365                  518727.21
4264590.34        1.75930
        518427.21    4264640.34       2.81640                  518477.21
4264640.34        2.53725
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2A ***
INCLUDING SOURCE(S): L0003420 , L0003421 , L0003422 , L0003423 , L0003424 , L0003425 , L0003426 , L0003427 , L0003428 , L0003429 , L0003430 , L0003431 , L0003432 , L0003433 , L0003434 , L0003435 , L0003436 , L0003437 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	2.29719	518577.21	4264640.34	2.09096
518627.21	4264640.34	1.91349	518677.21	4264640.34	1.75882
518727.21	4264640.34	1.61718	518427.21	4264690.34	2.53081
518477.21	4264690.34	2.29724	518527.21	4264690.34	2.09340
518577.21	4264690.34	1.91581	518627.21	4264690.34	1.76089
518677.21	4264690.34	1.62590	518727.21	4264690.34	1.49313
517792.98	4264300.53	24.57743	517815.08	4264313.32	22.82192
517869.76	4264338.92	20.07431	517867.43	4264358.69	17.75203
517911.64	4264344.73	19.82462	517823.23	4264366.84	16.32627

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,
L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 ,
L0003301 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	1.26068	1.43245	1.65432	1.94736	2.34205
4264334.65	1.27698	1.45002	1.67175	1.96480	2.37894
4264284.65	1.29745	1.47116	1.69509	1.99763	2.40824
4264234.65	1.31947	1.49666	1.72383	2.02801	2.44124
4264184.65	1.33726	1.51929	1.75475	2.06114	2.48307

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,
L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 ,
L0003301 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	2.32682	518478.45	4263094.05	2.35622
518503.45	4263094.05	2.38132	518528.45	4263094.05	2.40158
518553.45	4263094.05	2.41676	518578.45	4263094.05	2.42676
518603.45	4263094.05	2.43147	518628.45	4263094.05	2.43073
518653.45	4263094.05	2.42427	518678.45	4263094.05	2.41116
518703.45	4263094.05	2.39143	518453.45	4263119.05	2.45582
518478.45	4263119.05	2.48753	518503.45	4263119.05	2.51440
518528.45	4263119.05	2.53580	518553.45	4263119.05	2.55144
518578.45	4263119.05	2.56118	518603.45	4263119.05	2.56487
518628.45	4263119.05	2.56224	518653.45	4263119.05	2.55298
518678.45	4263119.05	2.53606	518703.45	4263119.05	2.51151
518453.45	4263144.05	2.59690	518478.45	4263144.05	2.63133
518503.45	4263144.05	2.66029	518528.45	4263144.05	2.68304
518553.45	4263144.05	2.69920	518578.45	4263144.05	2.70858
518603.45	4263144.05	2.71093	518628.45	4263144.05	2.70592

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        518653.45    4263144.05        2.69313                    518678.45
4263144.05        2.67144
        518703.45    4263144.05        2.64092                    518453.45
4263169.05        2.75184
        518478.45    4263169.05        2.78953                    518503.45
4263169.05        2.82100
        518528.45    4263169.05        2.84535                    518553.45
4263169.05        2.86211
        518578.45    4263169.05        2.87096                    518603.45
4263169.05        2.87158
        518628.45    4263169.05        2.86348                    518653.45
4263169.05        2.84616
        518678.45    4263169.05        2.81843                    518703.45
4263169.05        2.78046
        518453.45    4263194.05        2.92281                    518478.45
4263194.05        2.96447
        518503.45    4263194.05        2.99901                    518528.45
4263194.05        3.02530
        518553.45    4263194.05        3.04271                    518578.45
4263194.05        3.05081
        518603.45    4263194.05        3.04909                    518628.45
4263194.05        3.03693
        518653.45    4263194.05        3.01374                    518678.45
4263194.05        2.97828
        518703.45    4263194.05        2.93092                    518453.45
4263219.05        3.11252
        518478.45    4263219.05        3.15909                    518503.45
4263219.05        3.19742
        518528.45    4263219.05        3.22607                    518553.45
4263219.05        3.24419
        518578.45    4263219.05        3.25115                    518603.45
4263219.05        3.24623
        518628.45    4263219.05        3.22863                    518653.45
4263219.05        3.19768
        518678.45    4263219.05        3.15225                    518703.45
4263219.05        3.09304
        518453.45    4263244.05        3.32437                    518478.45
4263244.05        3.37711
        518503.45    4263244.05        3.42019                    518528.45
4263244.05        3.45173
        518553.45    4263244.05        3.47056                    518578.45
4263244.05        3.47576
        518603.45    4263244.05        3.46633                    518628.45
4263244.05        3.44127
        518653.45    4263244.05        3.39997                    518678.45
4263244.05        3.34156
        518703.45    4263244.05        3.26735                    518527.91
4263264.20        3.65466
        518552.64    4263264.47        3.67706                    518578.72
4263266.62        3.70319
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,
L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 ,
L0003301 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	3.68471	518628.45	4263269.05	3.67793
518653.45	4263269.05	3.62267	518678.45	4263269.05	3.54731
518703.45	4263269.05	3.45415	518503.63	4263264.09	3.62006
518475.88	4263264.35	3.56902	519264.40	4262891.52	1.13117
519314.40	4262891.52	1.06862	519364.40	4262891.52	1.00970
519414.40	4262891.52	0.95463	519264.40	4262941.52	1.16019
519314.40	4262941.52	1.09279	519364.40	4262941.52	1.03002
519414.40	4262941.52	0.97185	519264.40	4262991.52	1.18795
519314.40	4262991.52	1.11585	519364.40	4262991.52	1.04935
519414.40	4262991.52	0.98817	519264.40	4263041.52	1.21430
519314.40	4263041.52	1.13766	519364.40	4263041.52	1.06753
519414.40	4263041.52	1.00341	519264.40	4263091.52	1.23906
519314.40	4263091.52	1.15803	519364.40	4263091.52	1.08440
519414.40	4263091.52	1.01744	519264.40	4263141.52	1.26200
519314.40	4263141.52	1.17678	519364.40	4263141.52	1.09981

519414.40 4263141.52 1.03013 519264.40 4263191.52 1.28294
519364.40 4263191.52 1.11365 519414.40 4263191.52 1.04147
519264.40 4263341.52 1.33300 519314.40 4263341.52 1.23403
519364.40 4263341.52 1.14637 519414.40 4263341.52 1.06836
519264.40 4263391.52 1.34568 519314.40 4263391.52 1.24430
519364.40 4263391.52 1.15484 519414.40 4263391.52 1.07546
519264.40 4263441.52 1.35665 519314.40 4263441.52 1.25327
519364.40 4263441.52 1.16230 519414.40 4263441.52 1.08176
519264.40 4263491.52 1.36600 519314.40 4263491.52 1.26098
519364.40 4263491.52 1.16873 519414.40 4263491.52 1.08717
519264.40 4263541.52 1.37365 519314.40 4263541.52 1.26724
519364.40 4263541.52 1.17390 519414.40 4263541.52 1.09145
519264.40 4263591.52 1.37918 519314.40 4263591.52 1.27165
519364.40 4263591.52 1.17739 519414.40 4263591.52 1.10081
519264.40 4263641.52 1.38195 519314.40 4263641.52 1.27361
519364.40 4263641.52 1.18692 519414.40 4263641.52 1.10298
519264.40 4263691.52 1.38131 519314.40 4263691.52 1.27267
519364.40 4263691.52 1.18546 519414.40 4263691.52 1.10113
519264.40 4263741.52 1.37696 519314.40 4263741.52 1.26863
519364.40 4263741.52 1.18067 519414.40 4263741.52 1.09668
519264.40 4263791.52 1.36891 519314.40 4263791.52 1.26159
519364.40 4263791.52 1.17342 519414.40 4263791.52 1.09019
519264.40 4263841.52 1.35716 519314.40 4263841.52 1.25653
519364.40 4263841.52 1.16427 519414.40 4263841.52 1.08220
519218.01 4263693.29 1.49665 519159.74 4263866.05 1.62160

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,
L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 ,
L0003301 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.48158	519259.74	4263866.05	1.36041
519309.74	4263866.05	1.25965	519109.74	4263916.05	1.74874
519159.74	4263916.05	1.59364	519209.74	4263916.05	1.45910
519259.74	4263916.05	1.34208	519309.74	4263916.05	1.24509
519109.74	4263966.05	1.70460	519159.74	4263966.05	1.55782
519209.74	4263966.05	1.43545	519259.74	4263966.05	1.32430
519309.74	4263966.05	1.22579	519109.74	4264016.05	1.65095
519159.74	4264016.05	1.51431	519209.74	4264016.05	1.39948
519259.74	4264016.05	1.29462	519309.74	4264016.05	1.20222
518909.74	4264066.05	2.32566	519109.74	4264066.05	1.59036
519159.74	4264066.05	1.46422	519209.74	4264066.05	1.35703
519259.74	4264066.05	1.25887	518909.74	4264116.05	2.18815
518959.74	4264116.05	1.98424	519009.74	4264116.05	1.80853
519059.74	4264116.05	1.65697	519109.74	4264116.05	1.52506
519159.74	4264116.05	1.41117	519209.74	4264116.05	1.30912

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         518809.74    4264216.05        2.31651                    518859.74
4264216.05        2.10288
         518909.74    4264216.05        1.91849                    518959.74
4264216.05        1.75869
         519009.74    4264216.05        1.61861                    519059.74
4264216.05        1.49595
         518809.74    4264266.05        2.13657                    518859.74
4264266.05        1.95191
         518909.74    4264266.05        1.79069                    518959.74
4264266.05        1.65013
         519009.74    4264266.05        1.52399                    518809.74
4264316.05        1.97295
         518859.74    4264316.05        1.81137                    518909.74
4264316.05        1.66367
         518959.74    4264316.05        1.54002                    518809.74
4264366.05        1.82377
         518859.74    4264366.05        1.68354                    518909.74
4264366.05        1.55038
         518959.74    4264366.05        1.44072                    518809.74
4264416.05        1.68922
         518859.74    4264416.05        1.56690                    518909.74
4264416.05        1.44605
         518959.74    4264416.05        1.34942                    518809.74
4264466.05        1.56822
         518859.74    4264466.05        1.45086                    518909.74
4264466.05        1.35307
         518959.74    4264466.05        1.26616                    518427.21
4264490.34        2.78620
         518477.21    4264490.34        2.56679                    518527.21
4264490.34        2.36183
         518577.21    4264490.34        2.17392                    518627.21
4264490.34        2.00229
         518677.21    4264490.34        1.85013                    518727.21
4264490.34        1.71239
         518427.21    4264540.34        2.50001                    518477.21
4264540.34        2.31622
         518527.21    4264540.34        2.14361                    518577.21
4264540.34        1.98414
         518627.21    4264540.34        1.83720                    518677.21
4264540.34        1.70589
         518727.21    4264540.34        1.58175                    518427.21
4264590.34        2.25867
         518477.21    4264590.34        2.10265                    518527.21
4264590.34        1.95555
         518577.21    4264590.34        1.81896                    518627.21
4264590.34        1.69201
         518677.21    4264590.34        1.57777                    518727.21
4264590.34        1.46868
         518427.21    4264640.34        2.05533                    518477.21
4264640.34        1.91993
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL2B ***
INCLUDING SOURCE(S): L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,
L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 ,
L0003301 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.79277	518577.21	4264640.34	1.67459
518627.21	4264640.34	1.56551	518677.21	4264640.34	1.46484
518727.21	4264640.34	1.36803	518427.21	4264690.34	1.87927
518477.21	4264690.34	1.76187	518527.21	4264690.34	1.65122
518577.21	4264690.34	1.54795	518627.21	4264690.34	1.45218
518677.21	4264690.34	1.36383	518727.21	4264690.34	1.27642
517792.98	4264300.53	8.90930	517815.08	4264313.32	8.16494
517869.76	4264338.92	7.03127	517867.43	4264358.69	6.56402
517911.64	4264344.73	6.72638	517823.23	4264366.84	6.53649

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0003438 , L0003439 , L0003440 , L0003441 , L0003442 , L0003443 , L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449 , L0003450 , L0003451 , L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457 , L0003458 , L0003459 , L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.48695	0.51738	0.55142	0.58935	0.63147
4264334.65	0.48981	0.52023	0.55402	0.59152	0.63448
4264284.65	0.49330	0.52340	0.55718	0.59589	0.63834
4264234.65	0.49716	0.52724	0.56085	0.59922	0.64141
4264184.65	0.50075	0.53112	0.56540	0.60280	0.64511

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0003438 , L0003439 , L0003440 , L0003441 , L0003442 ,
L0003443 , L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449 , L0003450 ,
L0003451 , L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457 , L0003458 ,
L0003459 , L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	5.39637	518478.45	4263094.05	5.83423
518503.45	4263094.05	6.31405	518528.45	4263094.05	6.83733
518553.45	4263094.05	7.40425	518578.45	4263094.05	8.01320
518603.45	4263094.05	8.66003	518628.45	4263094.05	9.33754
518653.45	4263094.05	10.03344	518678.45	4263094.05	10.72964
518703.45	4263094.05	11.35609	518453.45	4263119.05	5.89607
518478.45	4263119.05	6.41369	518503.45	4263119.05	6.98703
518528.45	4263119.05	7.61966	518553.45	4263119.05	8.31393
518578.45	4263119.05	9.07001	518603.45	4263119.05	9.88438
518628.45	4263119.05	10.74801	518653.45	4263119.05	11.64410
518678.45	4263119.05	12.54914	518703.45	4263119.05	13.36183
518453.45	4263144.05	6.46214	518478.45	4263144.05	7.07833
518503.45	4263144.05	7.76943	518528.45	4263144.05	8.54257
518553.45	4263144.05	9.40417	518578.45	4263144.05	10.35875
518603.45	4263144.05	11.40625	518628.45	4263144.05	12.53765

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         518653.45    4263144.05       13.72996                  518678.45
4263144.05       14.95154
         518703.45    4263144.05       16.04980                  518453.45
4263169.05        7.10344
         518478.45    4263169.05        7.84157                  518503.45
4263169.05        8.68156
         518528.45    4263169.05        9.63680                  518553.45
4263169.05       10.72128
         518578.45    4263169.05       11.94868                  518603.45
4263169.05       13.32893
         518628.45    4263169.05       14.86004                  518653.45
4263169.05       16.51471
         518678.45    4263169.05       18.24918                  518703.45
4263169.05       19.82076
         518453.45    4263194.05        7.82961                  518478.45
4263194.05        8.71821
         518503.45    4263194.05        9.74637                  518528.45
4263194.05       10.93834
         518553.45    4263194.05       12.32248                  518578.45
4263194.05       13.93144
         518603.45    4263194.05       15.79951                  518628.45
4263194.05       17.95195
         518653.45    4263194.05       20.37615                  518678.45
4263194.05       23.01995
         518703.45    4263194.05       25.46748                  518453.45
4263219.05        8.65141
         518478.45    4263219.05        9.72488                  518503.45
4263219.05       10.98984
         518528.45    4263219.05       12.48868                  518553.45
4263219.05       14.27612
         518578.45    4263219.05       16.42377                  518603.45
4263219.05       19.02385
         518628.45    4263219.05       22.18373                  518653.45
4263219.05       25.98632
         518678.45    4263219.05       30.45380                  518703.45
4263219.05       34.81586
         518453.45    4263244.05        9.58095                  518478.45
4263244.05       10.88066
         518503.45    4263244.05       12.44204                  518528.45
4263244.05       14.33614
         518553.45    4263244.05       16.66277                  518578.45
4263244.05       19.56823
         518603.45    4263244.05       23.27452                  518628.45
4263244.05       28.11906
         518653.45    4263244.05       34.58268                  518678.45
4263244.05       43.35102
         518703.45    4263244.05       53.23316                  518527.91
4263264.20       16.02520
         518552.64    4263264.47       18.89481                  518578.72
4263266.62       23.15778
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0003438 , L0003439 , L0003440 , L0003441 , L0003442 ,
L0003443 , L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449 , L0003450 ,
L0003451 , L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457 , L0003458 ,
L0003459 , L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	28.33904	518628.45	4263269.05	36.54122
518653.45	4263269.05	48.30707	518678.45	4263269.05	68.94691
518703.45	4263269.05	106.92789	518503.63	4263264.09	13.79535
518475.88	4263264.35	11.77374	519264.40	4262891.52	2.63160
519314.40	4262891.52	2.37784	519364.40	4262891.52	2.15730
519414.40	4262891.52	1.96534	519264.40	4262941.52	2.71073
519314.40	4262941.52	2.43759	519364.40	4262941.52	2.20315
519414.40	4262941.52	2.00095	519264.40	4262991.52	2.78112
519314.40	4262991.52	2.49038	519364.40	4262991.52	2.24336
519414.40	4262991.52	2.03199	519264.40	4263041.52	2.84219
519314.40	4263041.52	2.53591	519364.40	4263041.52	2.27788
519414.40	4263041.52	2.05858	519264.40	4263091.52	2.89374
519314.40	4263091.52	2.57417	519364.40	4263091.52	2.30682
519414.40	4263091.52	2.08085	519264.40	4263141.52	2.93562
519314.40	4263141.52	2.60511	519364.40	4263141.52	2.33012

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         519414.40    4263141.52        2.09869                    519264.40
4263191.52        2.96743
         519364.40    4263191.52        2.34744                    519414.40
4263191.52        2.11178
         519264.40    4263341.52        2.99193                    519314.40
4263341.52        2.64361
         519364.40    4263341.52        2.35643                    519414.40
4263341.52        2.11648
         519264.40    4263391.52        2.96965                    519314.40
4263391.52        2.62535
         519364.40    4263391.52        2.34114                    519414.40
4263391.52        2.10348
         519264.40    4263441.52        2.92764                    519314.40
4263441.52        2.59239
         519364.40    4263441.52        2.31464                    519414.40
4263441.52        2.08173
         519264.40    4263491.52        2.86247                    519314.40
4263491.52        2.54243
         519364.40    4263491.52        2.27537                    519414.40
4263491.52        2.05017
         519264.40    4263541.52        2.77135                    519314.40
4263541.52        2.47293
         519364.40    4263541.52        2.22131                    519414.40
4263541.52        2.00730
         519264.40    4263591.52        2.65474                    519314.40
4263591.52        2.38287
         519364.40    4263591.52        2.15095                    519414.40
4263591.52        1.95128
         519264.40    4263641.52        2.51763                    519314.40
4263641.52        2.27442
         519364.40    4263641.52        2.06291                    519414.40
4263641.52        1.88082
         519264.40    4263691.52        2.36788                    519314.40
4263691.52        2.15271
         519364.40    4263691.52        1.96372                    519414.40
4263691.52        1.80043
         519264.40    4263741.52        2.21330                    519314.40
4263741.52        2.02394
         519364.40    4263741.52        1.85692                    519414.40
4263741.52        1.71143
         519264.40    4263791.52        2.05984                    519314.40
4263791.52        1.89359
         519364.40    4263791.52        1.74629                    519414.40
4263791.52        1.61745
         519264.40    4263841.52        1.91158                    519314.40
4263841.52        1.76510
         519364.40    4263841.52        1.63567                    519414.40
4263841.52        1.52194
         519218.01    4263693.29        2.59243                    519159.74
4263866.05        2.19528
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0003438 , L0003439 , L0003440 , L0003441 , L0003442 , L0003443 , L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449 , L0003450 , L0003451 , L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457 , L0003458 , L0003459 , L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	2.01353	519259.74	4263866.05	1.85534
519309.74	4263866.05	1.71588	519109.74	4263916.05	2.19717
519159.74	4263916.05	2.01519	519209.74	4263916.05	1.85697
519259.74	4263916.05	1.71841	519309.74	4263916.05	1.59488
519109.74	4263966.05	2.01443	519159.74	4263966.05	1.85512
519209.74	4263966.05	1.71551	519259.74	4263966.05	1.59169
519309.74	4263966.05	1.48354	519109.74	4264016.05	1.85669
519159.74	4264016.05	1.71515	519209.74	4264016.05	1.59003
519259.74	4264016.05	1.47955	519309.74	4264016.05	1.38226
518909.74	4264066.05	2.41401	519109.74	4264066.05	1.72017
519159.74	4264066.05	1.59344	519209.74	4264066.05	1.47985
519259.74	4264066.05	1.38055	518909.74	4264116.05	2.20204
518959.74	4264116.05	2.02678	519009.74	4264116.05	1.86887
519059.74	4264116.05	1.72755	519109.74	4264116.05	1.60067
519159.74	4264116.05	1.48629	519209.74	4264116.05	1.38420

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         518809.74    4264216.05        2.14141                    518859.74
4264216.05        1.99110
         518909.74    4264216.05        1.85053                    518959.74
4264216.05        1.72297
         519009.74    4264216.05        1.60481                    519059.74
4264216.05        1.49635
         518809.74    4264266.05        1.95535                    518859.74
4264266.05        1.82595
         518909.74    4264266.05        1.70600                    518959.74
4264266.05        1.59569
         519009.74    4264266.05        1.49241                    518809.74
4264316.05        1.79286
         518859.74    4264316.05        1.68103                    518909.74
4264316.05        1.57774
         518959.74    4264316.05        1.48052                    518809.74
4264366.05        1.65008
         518859.74    4264366.05        1.55383                    518909.74
4264366.05        1.46353
         518959.74    4264366.05        1.37840                    518809.74
4264416.05        1.52504
         518859.74    4264416.05        1.44105                    518909.74
4264416.05        1.36113
         518959.74    4264416.05        1.28670                    518809.74
4264466.05        1.41453
         518859.74    4264466.05        1.34043                    518909.74
4264466.05        1.26970
         518959.74    4264466.05        1.20404                    518427.21
4264490.34        1.88743
         518477.21    4264490.34        1.84188                    518527.21
4264490.34        1.78359
         518577.21    4264490.34        1.71582                    518627.21
4264490.34        1.64134
         518677.21    4264490.34        1.56497                    518727.21
4264490.34        1.48830
         518427.21    4264540.34        1.73455                    518477.21
4264540.34        1.69291
         518527.21    4264540.34        1.64086                    518577.21
4264540.34        1.58100
         518627.21    4264540.34        1.51551                    518677.21
4264540.34        1.44840
         518727.21    4264540.34        1.38024                    518427.21
4264590.34        1.60044
         518477.21    4264590.34        1.56234                    518527.21
4264590.34        1.51565
         518577.21    4264590.34        1.46251                    518627.21
4264590.34        1.40462
         518677.21    4264590.34        1.34521                    518727.21
4264590.34        1.28507
         518427.21    4264640.34        1.48230                    518477.21
4264640.34        1.44730
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HAUL3 ***
INCLUDING SOURCE(S): L0003438 , L0003439 , L0003440 , L0003441 , L0003442 , L0003443 , L0003444 , L0003445 , L0003446 , L0003447 , L0003448 , L0003449 , L0003450 , L0003451 , L0003452 , L0003453 , L0003454 , L0003455 , L0003456 , L0003457 , L0003458 , L0003459 , L0003460 , L0003461 , L0003462 , L0003463 , L0003464 , L0003465 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.40515	518577.21	4264640.34	1.35774
518627.21	4264640.34	1.30679	518677.21	4264640.34	1.25380
518727.21	4264640.34	1.20023	518427.21	4264690.34	1.37731
518477.21	4264690.34	1.34521	518527.21	4264690.34	1.30710
518577.21	4264690.34	1.26455	518627.21	4264690.34	1.21900
518677.21	4264690.34	1.17187	518727.21	4264690.34	1.12380
517792.98	4264300.53	1.21678	517815.08	4264313.32	1.26830
517869.76	4264338.92	1.40304	517867.43	4264358.69	1.38576
517911.64	4264344.73	1.51777	517823.23	4264366.84	1.26993

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE1 ***
INCLUDING SOURCE(S): L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.54693	0.58339	0.62444	0.67053	0.72214
4264334.65	0.55062	0.58711	0.62788	0.67344	0.72609
4264284.65	0.55509	0.59123	0.63205	0.67915	0.73118
4264234.65	0.55999	0.59618	0.63685	0.68360	0.73536
4264184.65	0.56451	0.60114	0.64273	0.68837	0.74036

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE1 ***
INCLUDING SOURCE(S): L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	4.73824	518478.45	4263094.05	5.00637
518503.45	4263094.05	5.27737	518528.45	4263094.05	5.53917
518553.45	4263094.05	5.78110	518578.45	4263094.05	5.99591
518603.45	4263094.05	6.17906	518628.45	4263094.05	6.32678
518653.45	4263094.05	6.43471	518678.45	4263094.05	6.49733
518703.45	4263094.05	6.50666	518453.45	4263119.05	5.18338
518478.45	4263119.05	5.49406	518503.45	4263119.05	5.80857
518528.45	4263119.05	6.11174	518553.45	4263119.05	6.39006
518578.45	4263119.05	6.63420	518603.45	4263119.05	6.83816
518628.45	4263119.05	6.99673	518653.45	4263119.05	7.10401
518678.45	4263119.05	7.15303	518703.45	4263119.05	7.13486
518453.45	4263144.05	5.69900	518478.45	4263144.05	6.06208
518503.45	4263144.05	6.43031	518528.45	4263144.05	6.78439
518553.45	4263144.05	7.10685	518578.45	4263144.05	7.38558
518603.45	4263144.05	7.61244	518628.45	4263144.05	7.78023
518653.45	4263144.05	7.88098	518678.45	4263144.05	7.90614
518703.45	4263144.05	7.84632	518453.45	4263169.05	6.30130
518478.45	4263169.05	6.72970	518503.45		

4263169.05 7.16510
518528.45 4263169.05 7.58254 518553.45
4263169.05 7.95908
518578.45 4263169.05 8.27861 518603.45
4263169.05 8.52998
518628.45 4263169.05 8.70313 518653.45
4263169.05 8.78743
518678.45 4263169.05 8.77289 518703.45
4263169.05 8.65098
518453.45 4263194.05 7.01142 518478.45
4263194.05 7.52239
518503.45 4263194.05 8.04302 518528.45
4263194.05 8.54041
518553.45 4263194.05 8.98382 518578.45
4263194.05 9.35138
518603.45 4263194.05 9.62755 518628.45
4263194.05 9.79820
518653.45 4263194.05 9.84952 518678.45
4263194.05 9.77107
518703.45 4263194.05 9.55783 518453.45
4263219.05 7.85749
518478.45 4263219.05 8.47449 518503.45
4263219.05 9.10500
518528.45 4263219.05 9.70482 518553.45
4263219.05 10.23178
518578.45 4263219.05 10.65545 518603.45
4263219.05 10.95378
518628.45 4263219.05 11.10698 518653.45
4263219.05 11.09807
518678.45 4263219.05 10.91888 518703.45
4263219.05 10.57325
518453.45 4263244.05 8.87755 518478.45
4263244.05 9.63315
518503.45 4263244.05 10.40807 518528.45
4263244.05 11.14143
518553.45 4263244.05 11.77382 518578.45
4263244.05 12.26183
518603.45 4263244.05 12.57354 518628.45
4263244.05 12.68170
518653.45 4263244.05 12.56792 518678.45
4263244.05 12.23282
518703.45 4263244.05 11.69847 518527.91
4263264.20 12.54262
518552.64 4263264.47 13.29962 518578.72
4263266.62 14.05829

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE1 ***
INCLUDING SOURCE(S): L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	14.33978	518628.45	4263269.05	14.58680
518653.45	4263269.05	14.29572	518678.45	4263269.05	13.72369
518703.45	4263269.05	12.92612	518503.63	4263264.09	11.68696
518475.88	4263264.35	10.67582	519264.40	4262891.52	2.01373
519314.40	4262891.52	1.85353	519364.40	4262891.52	1.70983
519414.40	4262891.52	1.58117	519264.40	4262941.52	2.07024
519314.40	4262941.52	1.89846	519364.40	4262941.52	1.74596
519414.40	4262941.52	1.61041	519264.40	4262991.52	2.12262
519314.40	4262991.52	1.93984	519364.40	4262991.52	1.77889
519414.40	4262991.52	1.63670	519264.40	4263041.52	2.17027
519314.40	4263041.52	1.97705	519364.40	4263041.52	1.80810
519414.40	4263041.52	1.65978	519264.40	4263091.52	2.21247
519314.40	4263091.52	2.00960	519364.40	4263091.52	1.83346
519414.40	4263091.52	1.67977	519264.40	4263141.52	2.24884
519314.40	4263141.52	2.03754	519364.40	4263141.52	1.85530
519414.40	4263141.52	1.69717	519264.40	4263191.52	2.27975
519364.40	4263191.52	1.87421	519414.40	4263191.52	1.71241
519264.40	4263341.52	2.34318	519314.40		

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4263341.52        2.11018
         519364.40    4263341.52        1.91196                   519414.40
4263341.52        1.74181
         519264.40    4263391.52        2.35204                   519314.40
4263391.52        2.11612
         519364.40    4263391.52        1.91583                   519414.40
4263391.52        1.74419
         519264.40    4263441.52        2.35363                   519314.40
4263441.52        2.11631
         519364.40    4263441.52        1.91513                   519414.40
4263441.52        1.74294
         519264.40    4263491.52        2.34786                   519314.40
4263491.52        2.11074
         519364.40    4263491.52        1.90986                   519414.40
4263491.52        1.73802
         519264.40    4263541.52        2.33332                   519314.40
4263541.52        2.09814
         519364.40    4263541.52        1.89889                   519414.40
4263541.52        1.72842
         519264.40    4263591.52        2.30740                   519314.40
4263591.52        2.07635
         519364.40    4263591.52        1.88037                   519414.40
4263591.52        1.71227
         519264.40    4263641.52        2.26841                   519314.40
4263641.52        2.04400
         519364.40    4263641.52        1.85166                   519414.40
4263641.52        1.68788
         519264.40    4263691.52        2.21614                   519314.40
4263691.52        2.00116
         519364.40    4263691.52        1.81572                   519414.40
4263691.52        1.65787
         519264.40    4263741.52        2.14968                   519314.40
4263741.52        1.94767
         519364.40    4263741.52        1.77211                   519414.40
4263741.52        1.62139
         519264.40    4263791.52        2.06593                   519314.40
4263791.52        1.88146
         519364.40    4263791.52        1.71889                   519414.40
4263791.52        1.57781
         519264.40    4263841.52        1.96171                   519314.40
4263841.52        1.79887
         519364.40    4263841.52        1.65349                   519414.40
4263841.52        1.52517
         519218.01    4263693.29        2.44770                   519159.74
4263866.05        2.27413
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE1 ***
INCLUDING SOURCE(S): L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	2.08660	519259.74	4263866.05	1.91802
519309.74	4263866.05	1.76542	519109.74	4263916.05	2.24493
519159.74	4263916.05	2.07497	519209.74	4263916.05	1.92290
519259.74	4263916.05	1.78476	519309.74	4263916.05	1.65680
519109.74	4263966.05	2.03128	519159.74	4263966.05	1.88645
519209.74	4263966.05	1.75923	519259.74	4263966.05	1.64380
519309.74	4263966.05	1.53965	519109.74	4264016.05	1.85427
519159.74	4264016.05	1.72270	519209.74	4264016.05	1.60957
519259.74	4264016.05	1.51041	519309.74	4264016.05	1.42209
518909.74	4264066.05	2.47495	519109.74	4264066.05	1.71146
519159.74	4264066.05	1.58769	519209.74	4264066.05	1.48153
519259.74	4264066.05	1.39187	518909.74	4264116.05	2.27051
518959.74	4264116.05	2.06733	519009.74	4264116.05	1.88750
519059.74	4264116.05	1.73058	519109.74	4264116.05	1.59451
519159.74	4264116.05	1.47697	519209.74	4264116.05	1.37677
518809.74	4264216.05	2.26156	518859.74	4264216.05	2.08435
518909.74	4264216.05	1.92093	518959.74	4264216.05	1.77374
519009.74	4264216.05	1.63848	519059.74		

4264216.05 1.51550
518809.74 4264266.05 2.06423 518859.74
4264266.05 1.91261
518909.74 4264266.05 1.77389 518959.74
4264266.05 1.64726
519009.74 4264266.05 1.52949 518809.74
4264316.05 1.89126
518859.74 4264316.05 1.76092 518909.74
4264316.05 1.64208
518959.74 4264316.05 1.53118 518809.74
4264366.05 1.73891
518859.74 4264366.05 1.62724 518909.74
4264366.05 1.52385
518959.74 4264366.05 1.42723 518809.74
4264416.05 1.60542
518859.74 4264416.05 1.50836 518909.74
4264416.05 1.41726
518959.74 4264416.05 1.33315 518809.74
4264466.05 1.48740
518859.74 4264466.05 1.40209 518909.74
4264466.05 1.32178
518959.74 4264466.05 1.24785 518427.21
4264490.34 2.15522
518477.21 4264490.34 2.07335 518527.21
4264490.34 1.97921
518577.21 4264490.34 1.87837 518627.21
4264490.34 1.77510
518677.21 4264490.34 1.67550 518727.21
4264490.34 1.58042
518427.21 4264540.34 1.96457 518477.21
4264540.34 1.89248
518527.21 4264540.34 1.81052 518577.21
4264540.34 1.72307
518627.21 4264540.34 1.63344 518677.21
4264540.34 1.54670
518727.21 4264540.34 1.46272 518427.21
4264590.34 1.79946
518477.21 4264590.34 1.73564 518527.21
4264590.34 1.66381
518577.21 4264590.34 1.58746 518627.21
4264590.34 1.50917
518677.21 4264590.34 1.43302 518727.21
4264590.34 1.35936
518427.21 4264640.34 1.65580 518477.21
4264640.34 1.59884

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE1 ***
INCLUDING SOURCE(S): L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.53533	518577.21	4264640.34	1.46825
518627.21	4264640.34	1.40011	518677.21	4264640.34	1.33270
518727.21	4264640.34	1.26741	518427.21	4264690.34	1.52937
518477.21	4264690.34	1.47846	518527.21	4264690.34	1.42213
518577.21	4264690.34	1.36278	518627.21	4264690.34	1.30249
518677.21	4264690.34	1.24300	518727.21	4264690.34	1.18470
517792.98	4264300.53	1.47907	517815.08	4264313.32	1.54793
517869.76	4264338.92	1.72779	517867.43	4264358.69	1.70290
517911.64	4264344.73	1.88133	517823.23	4264366.84	1.54770

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE2 ***
INCLUDING SOURCE(S): L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.48982	0.52058	0.55498	0.59330	0.63585
4264334.65	0.49249	0.52321	0.55734	0.59523	0.63861
4264284.65	0.49581	0.52617	0.56026	0.59930	0.64215
4264234.65	0.49954	0.52983	0.56369	0.60235	0.64490
4264184.65	0.50303	0.53356	0.56804	0.60569	0.64829

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE2 ***
INCLUDING SOURCE(S): L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	5.86980	518478.45	4263094.05	6.31264
518503.45	4263094.05	6.79049	518528.45	4263094.05	7.30904
518553.45	4263094.05	7.86707	518578.45	4263094.05	8.44863
518603.45	4263094.05	9.02198	518628.45	4263094.05	9.54868
518653.45	4263094.05	9.99550	518678.45	4263094.05	10.33724
518703.45	4263094.05	10.54650	518453.45	4263119.05	6.48006
518478.45	4263119.05	7.01117	518503.45	4263119.05	7.58667
518528.45	4263119.05	8.21380	518553.45	4263119.05	8.89226
518578.45	4263119.05	9.60279	518603.45	4263119.05	10.30338
518628.45	4263119.05	10.94073	518653.45	4263119.05	11.46773
518678.45	4263119.05	11.84826	518703.45	4263119.05	12.04504
518453.45	4263144.05	7.19196	518478.45	4263144.05	7.83668
518503.45	4263144.05	8.53939	518528.45	4263144.05	9.30907
518553.45	4263144.05	10.14676	518578.45	4263144.05	11.02904
518603.45	4263144.05	11.89924	518628.45	4263144.05	12.68137
518653.45	4263144.05	13.30641	518678.45	4263144.05	13.72131
518703.45	4263144.05	13.87502	518453.45	4263169.05	8.02800

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         518478.45    4263169.05        8.82098                    518503.45
4263169.05        9.69245
         518528.45    4263169.05       10.65336                    518553.45
4263169.05       11.70647
         518578.45    4263169.05       12.82311                    518603.45
4263169.05       13.92512
         518628.45    4263169.05       14.90045                    518653.45
4263169.05       15.64425
         518678.45    4263169.05       16.07642                    518703.45
4263169.05       16.12790
         518453.45    4263194.05        9.01649                    518478.45
4263194.05       10.00575
         518503.45    4263194.05       11.10553                    518528.45
4263194.05       12.32936
         518553.45    4263194.05       13.68199                    518578.45
4263194.05       15.12779
         518603.45    4263194.05       16.55614                    518628.45
4263194.05       17.79521
         518653.45    4263194.05       18.67860                    518678.45
4263194.05       19.08228
         518703.45    4263194.05       18.91798                    518453.45
4263219.05       10.19297
         518478.45    4263219.05       11.44594                    518503.45
4263219.05       12.86111
         518528.45    4263219.05       14.45657                    518553.45
4263219.05       16.23938
         518578.45    4263219.05       18.16387                    518603.45
4263219.05       20.06859
         518628.45    4263219.05       21.67712                    518653.45
4263219.05       22.71139
         518678.45    4263219.05       22.97603                    518703.45
4263219.05       22.37849
         518453.45    4263244.05       11.60143                    518478.45
4263244.05       13.21419
         518503.45    4263244.05       15.07458                    518528.45
4263244.05       17.21187
         518553.45    4263244.05       19.63706                    518578.45
4263244.05       22.28829
         518603.45    4263244.05       24.92063                    518628.45
4263244.05       27.06234
         518653.45    4263244.05       28.21876                    518678.45
4263244.05       28.08481
         518703.45    4263244.05       26.64016                    518527.91
4263264.20       20.00370
         518552.64    4263264.47       23.20926                    518578.72
4263266.62       27.48521
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE2 ***
INCLUDING SOURCE(S): L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	31.09722	518628.45	4263269.05	34.85830
518653.45	4263269.05	35.97263	518678.45	4263269.05	34.83050
518703.45	4263269.05	31.76885	518503.63	4263264.09	17.30587
518475.88	4263264.35	14.73451	519264.40	4262891.52	2.50817
519314.40	4262891.52	2.27604	519364.40	4262891.52	2.07277
519414.40	4262891.52	1.89456	519264.40	4262941.52	2.57966
519314.40	4262941.52	2.33075	519364.40	4262941.52	2.11510
519414.40	4262941.52	1.92755	519264.40	4262991.52	2.64366
519314.40	4262991.52	2.37917	519364.40	4262991.52	2.15213
519414.40	4262991.52	1.95616	519264.40	4263041.52	2.69930
519314.40	4263041.52	2.42085	519364.40	4263041.52	2.18384
519414.40	4263041.52	1.98070	519264.40	4263091.52	2.74637
519314.40	4263091.52	2.45610	519364.40	4263091.52	2.21080
519414.40	4263091.52	2.00178	519264.40	4263141.52	2.78553
519314.40	4263141.52	2.48560	519364.40	4263141.52	2.23352
519414.40	4263141.52	2.01959	519264.40	4263191.52	2.81724
519364.40	4263191.52	2.25161	519414.40	4263191.52	2.03345

519264.40 4263341.52 2.85608 519314.40
4263341.52 2.53527
519364.40 4263341.52 2.26851 519414.40
4263341.52 2.04406
519264.40 4263391.52 2.84638 519314.40
4263391.52 2.52626
519364.40 4263391.52 2.26026 519414.40
4263391.52 2.03655
519264.40 4263441.52 2.82227 519314.40
4263441.52 2.50601
519364.40 4263441.52 2.24307 519414.40
4263441.52 2.02184
519264.40 4263491.52 2.78040 519314.40
4263491.52 2.47184
519364.40 4263491.52 2.21477 519414.40
4263491.52 1.99810
519264.40 4263541.52 2.71848 519314.40
4263541.52 2.42222
519364.40 4263541.52 2.17426 519414.40
4263541.52 1.96453
519264.40 4263591.52 2.63444 519314.40
4263591.52 2.35618
519364.40 4263591.52 2.12125 519414.40
4263591.52 1.92083
519264.40 4263641.52 2.52450 519314.40
4263641.52 2.27131
519364.40 4263641.52 2.05243 519414.40
4263641.52 1.86544
519264.40 4263691.52 2.38548 519314.40
4263691.52 2.16428
519364.40 4263691.52 1.96856 519414.40
4263691.52 1.79927
519264.40 4263741.52 2.22043 519314.40
4263741.52 2.03475
519364.40 4263741.52 1.86689 519414.40
4263741.52 1.71839
519264.40 4263791.52 2.04116 519314.40
4263791.52 1.88875
519364.40 4263791.52 1.74887 519414.40
4263791.52 1.62298
519264.40 4263841.52 1.86430 519314.40
4263841.52 1.73727
519364.40 4263841.52 1.62177 519414.40
4263841.52 1.51708
519218.01 4263693.29 2.61249 519159.74
4263866.05 2.08684

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE2 ***
INCLUDING SOURCE(S): L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.92946	519259.74	4263866.05	1.79464
519309.74	4263866.05	1.67542	519109.74	4263916.05	2.08585
519159.74	4263916.05	1.91226	519209.74	4263916.05	1.76717
519259.74	4263916.05	1.64457	519309.74	4263916.05	1.53773
519109.74	4263966.05	1.92943	519159.74	4263966.05	1.77008
519209.74	4263966.05	1.63433	519259.74	4263966.05	1.51813
519309.74	4263966.05	1.42018	519109.74	4264016.05	1.79488
519159.74	4264016.05	1.65052	519209.74	4264016.05	1.52428
519259.74	4264016.05	1.41527	519309.74	4264016.05	1.32214
518909.74	4264066.05	2.34879	519109.74	4264066.05	1.67468
519159.74	4264066.05	1.54583	519209.74	4264066.05	1.42989
519259.74	4264066.05	1.32908	518909.74	4264116.05	2.14252
518959.74	4264116.05	1.97740	519009.74	4264116.05	1.82694
519059.74	4264116.05	1.69017	519109.74	4264116.05	1.56514
519159.74	4264116.05	1.45050	519209.74	4264116.05	1.34683
518809.74	4264216.05	2.07577	518859.74	4264216.05	1.93387
518909.74	4264216.05	1.80129	518959.74	4264216.05	1.68097

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         519009.74    4264216.05        1.56913                    519059.74
4264216.05        1.46582
         518809.74    4264266.05        1.89783                    518859.74
4264266.05        1.77506
         518909.74    4264266.05        1.66148                    518959.74
4264266.05        1.55709
         519009.74    4264266.05        1.45921                    518809.74
4264316.05        1.74232
         518859.74    4264316.05        1.63578                    518909.74
4264316.05        1.53761
         518959.74    4264316.05        1.44524                    518809.74
4264366.05        1.60553
         518859.74    4264366.05        1.51354                    518909.74
4264366.05        1.42738
         518959.74    4264366.05        1.34621                    518809.74
4264416.05        1.48562
         518859.74    4264416.05        1.40509                    518909.74
4264416.05        1.32857
         518959.74    4264416.05        1.25739                    518809.74
4264466.05        1.37949
         518859.74    4264466.05        1.30825                    518909.74
4264466.05        1.24036
         518959.74    4264466.05        1.17736                    518427.21
4264490.34        1.83497
         518477.21    4264490.34        1.79229                    518527.21
4264490.34        1.73706
         518577.21    4264490.34        1.67209                    518627.21
4264490.34        1.60002
         518677.21    4264490.34        1.52574                    518727.21
4264490.34        1.45117
         518427.21    4264540.34        1.68945                    518477.21
4264540.34        1.65007
         518527.21    4264540.34        1.60041                    518577.21
4264540.34        1.54276
         518627.21    4264540.34        1.47919                    518677.21
4264540.34        1.41377
         518727.21    4264540.34        1.34735                    518427.21
4264590.34        1.56134
         518477.21    4264590.34        1.52503                    518527.21
4264590.34        1.48023
         518577.21    4264590.34        1.42886                    518627.21
4264590.34        1.37251
         518677.21    4264590.34        1.31448                    518727.21
4264590.34        1.25576
         518427.21    4264640.34        1.44820                    518477.21
4264640.34        1.41458
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE2 ***
INCLUDING SOURCE(S): L0003343 , L0003344 , L0003345 , L0003346 , L0003347 , L0003348 , L0003349 , L0003350 , L0003351 , L0003352 , L0003353 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.37393	518577.21	4264640.34	1.32794
518627.21	4264640.34	1.27825	518677.21	4264640.34	1.22640
518727.21	4264640.34	1.17400	518427.21	4264690.34	1.34732
518477.21	4264690.34	1.31631	518527.21	4264690.34	1.27942
518577.21	4264690.34	1.23803	518627.21	4264690.34	1.19351
518677.21	4264690.34	1.14734	518727.21	4264690.34	1.10023
517792.98	4264300.53	1.21807	517815.08	4264313.32	1.26759
517869.76	4264338.92	1.39571	517867.43	4264358.69	1.37806
517911.64	4264344.73	1.50420	517823.23	4264366.84	1.26674

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE3 ***
INCLUDING SOURCE(S): L0003354 , L0003355 , L0003356 , L0003357 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.44612	0.47271	0.50228	0.53500	0.57105
4264334.65	0.44811	0.47465	0.50398	0.53635	0.57312
4264284.65	0.45065	0.47684	0.50610	0.53940	0.57574
4264234.65	0.45354	0.47961	0.50863	0.54157	0.57764
4264184.65	0.45627	0.48248	0.51192	0.54396	0.58001

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE3 ***
INCLUDING SOURCE(S): L0003354 , L0003355 , L0003356 , L0003357 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	6.68095	518478.45	4263094.05	7.39421
518503.45	4263094.05	8.19748	518528.45	4263094.05	9.09062
518553.45	4263094.05	10.07053	518578.45	4263094.05	11.14532
518603.45	4263094.05	12.34499	518628.45	4263094.05	13.68964
518653.45	4263094.05	15.11877	518678.45	4263094.05	16.47438
518703.45	4263094.05	17.56348	518453.45	4263119.05	7.33532
518478.45	4263119.05	8.19335	518503.45	4263119.05	9.17792
518528.45	4263119.05	10.29551	518553.45	4263119.05	11.54408
518578.45	4263119.05	12.92806	518603.45	4263119.05	14.48306
518628.45	4263119.05	16.24582	518653.45	4263119.05	18.13862
518678.45	4263119.05	19.91889	518703.45	4263119.05	21.28380
518453.45	4263144.05	8.07307	518478.45	4263144.05	9.11208
518503.45	4263144.05	10.32894	518528.45	4263144.05	11.74421
518553.45	4263144.05	13.36438	518578.45	4263144.05	15.19114
518603.45	4263144.05	17.26309	518628.45	4263144.05	19.64270
518653.45	4263144.05	22.23112	518678.45	4263144.05	24.63770
518703.45	4263144.05	26.35988	518453.45	4263169.05	8.89859
518478.45	4263169.05	10.16559	518503.45	4263169.05	11.68245

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         518528.45    4263169.05       13.49584                  518553.45
4263169.05       15.63761
         518578.45    4263169.05       18.11715                  518603.45
4263169.05       20.97272
         518628.45    4263169.05       24.30398                  518653.45
4263169.05       27.98824
         518678.45    4263169.05       31.35793                  518703.45
4263169.05       33.51950
         518453.45    4263194.05        9.80700                  518478.45
4263194.05       11.36228
         518503.45    4263194.05       13.26991                  518528.45
4263194.05       15.62062
         518553.45    4263194.05       18.50419                  518578.45
4263194.05       21.97421
         518603.45    4263194.05       26.07644                  518628.45
4263194.05       30.96045
         518653.45    4263194.05       36.48166                  518678.45
4263194.05       41.40910
         518703.45    4263194.05       44.01193                  518453.45
4263219.05       10.77626
         518478.45    4263219.05       12.69099                  518503.45
4263219.05       15.10855
         518528.45    4263219.05       18.19154                  518553.45
4263219.05       22.14291
         518578.45    4263219.05       27.15516                  518603.45
4263219.05       33.35361
         518628.45    4263219.05       40.96280                  518653.45
4263219.05       49.82536
         518678.45    4263219.05       57.42761                  518703.45
4263219.05       60.04393
         518453.45    4263244.05       11.76246                  518478.45
4263244.05       14.10394
         518503.45    4263244.05       17.17037                  518528.45
4263244.05       21.24938
         518553.45    4263244.05       26.75425                  518578.45
4263244.05       34.22216
         518603.45    4263244.05       44.15774                  518628.45
4263244.05       57.03012
         518653.45    4263244.05       72.69340                  518678.45
4263244.05       85.20727
         518703.45    4263244.05       85.47702                  518527.91
4263264.20       23.89039
         518552.64    4263264.47       31.05291                  518578.72
4263266.62       42.95874
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE3 ***
INCLUDING SOURCE(S): L0003354 , L0003355 , L0003356 , L0003357 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	59.07710	518628.45	4263269.05	85.24166
518653.45	4263269.05	117.22121	518678.45	4263269.05	139.18746
518703.45	4263269.05	125.95980	518503.63	4263264.09	18.94091
518475.88	4263264.35	14.93328	519264.40	4262891.52	3.11657
519314.40	4262891.52	2.78362	519364.40	4262891.52	2.49949
519414.40	4262891.52	2.25599	519264.40	4262941.52	3.20449
519314.40	4262941.52	2.84805	519364.40	4262941.52	2.54741
519414.40	4262941.52	2.29216	519264.40	4262991.52	3.27980
519314.40	4262991.52	2.90271	519364.40	4262991.52	2.58791
519414.40	4262991.52	2.32281	519264.40	4263041.52	3.34237
519314.40	4263041.52	2.94814	519364.40	4263041.52	2.62177
519414.40	4263041.52	2.34867	519264.40	4263091.52	3.39312
519314.40	4263091.52	2.98513	519364.40	4263091.52	2.64935
519414.40	4263091.52	2.36957	519264.40	4263141.52	3.43208
519314.40	4263141.52	3.01301	519364.40	4263141.52	2.66953
519414.40	4263141.52	2.38425	519264.40	4263191.52	3.45706
519364.40	4263191.52	2.68067	519414.40	4263191.52	2.39154
519264.40	4263341.52	3.42744	519314.40	4263341.52	3.00052

519364.40 4263341.52 2.65294 519414.40
4263341.52 2.36578
519264.40 4263391.52 3.37141 519314.40
4263391.52 2.95570
519364.40 4263391.52 2.61646 519414.40
4263391.52 2.33564
519264.40 4263441.52 3.28504 519314.40
4263441.52 2.88821
519364.40 4263441.52 2.56254 519414.40
4263441.52 2.29176
519264.40 4263491.52 3.16411 519314.40
4263491.52 2.79614
519364.40 4263491.52 2.49057 519414.40
4263491.52 2.23421
519264.40 4263541.52 3.00074 519314.40
4263541.52 2.67432
519364.40 4263541.52 2.39747 519414.40
4263541.52 2.16138
519264.40 4263591.52 2.79134 519314.40
4263591.52 2.51735
519364.40 4263591.52 2.27820 519414.40
4263591.52 2.06890
519264.40 4263641.52 2.54902 519314.40
4263641.52 2.32893
519364.40 4263641.52 2.12974 519414.40
4263641.52 1.95301
519264.40 4263691.52 2.30211 519314.40
4263691.52 2.12568
519364.40 4263691.52 1.96459 519414.40
4263691.52 1.82039
519264.40 4263741.52 2.07862 519314.40
4263741.52 1.92992
519364.40 4263741.52 1.79713 519414.40
4263741.52 1.67890
519264.40 4263791.52 1.89272 519314.40
4263791.52 1.75851
519364.40 4263791.52 1.64220 519414.40
4263791.52 1.54133
519264.40 4263841.52 1.74361 519314.40
4263841.52 1.61672
519364.40 4263841.52 1.50920 519414.40
4263841.52 1.41798
519218.01 4263693.29 2.47710 519159.74
4263866.05 2.01587

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE3 ***
INCLUDING SOURCE(S): L0003354 , L0003355 , L0003356 , L0003357 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	1.84202	519259.74	4263866.05	1.69393
519309.74	4263866.05	1.56800	519109.74	4263916.05	2.04870
519159.74	4263916.05	1.87326	519209.74	4263916.05	1.71807
519259.74	4263916.05	1.58219	519309.74	4263916.05	1.46326
519109.74	4263966.05	1.89537	519159.74	4263966.05	1.74410
519209.74	4263966.05	1.60729	519259.74	4263966.05	1.48378
519309.74	4263966.05	1.37542	519109.74	4264016.05	1.75648
519159.74	4264016.05	1.62585	519209.74	4264016.05	1.50572
519259.74	4264016.05	1.39624	519309.74	4264016.05	1.29779
518909.74	4264066.05	2.19334	519109.74	4264066.05	1.63062
519159.74	4264066.05	1.51741	519209.74	4264066.05	1.41165
519259.74	4264066.05	1.31556	518909.74	4264116.05	2.00090
518959.74	4264116.05	1.86405	519009.74	4264116.05	1.73830
519059.74	4264116.05	1.62314	519109.74	4264116.05	1.51671
519159.74	4264116.05	1.41740	519209.74	4264116.05	1.32537
518809.74	4264216.05	1.91160	518859.74	4264216.05	1.79592
518909.74	4264216.05	1.68552	518959.74	4264216.05	1.58412
519009.74	4264216.05	1.48906	519059.74	4264216.05	1.40081

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         518809.74    4264266.05        1.75300                    518859.74
4264266.05        1.65213
         518909.74    4264266.05        1.55691                    518959.74
4264266.05        1.46829
         519009.74    4264266.05        1.38443                    518809.74
4264316.05        1.61407
         518859.74    4264316.05        1.52589                    518909.74
4264316.05        1.44307
         518959.74    4264316.05        1.36411                    518809.74
4264366.05        1.49154
         518859.74    4264366.05        1.41491                    518909.74
4264366.05        1.34180
         518959.74    4264366.05        1.27204                    518809.74
4264416.05        1.38378
         518859.74    4264416.05        1.31628                    518909.74
4264416.05        1.25100
         518959.74    4264416.05        1.18953                    518809.74
4264466.05        1.28812
         518859.74    4264466.05        1.22807                    518909.74
4264466.05        1.16985
         518959.74    4264466.05        1.11522                    518427.21
4264490.34        1.59373
         518477.21    4264490.34        1.57332                    518527.21
4264490.34        1.54215
         518577.21    4264490.34        1.50156                    518627.21
4264490.34        1.45282
         518677.21    4264490.34        1.39917                    518727.21
4264490.34        1.34208
         518427.21    4264540.34        1.47969                    518477.21
4264540.34        1.45948
         518527.21    4264540.34        1.43028                    518577.21
4264540.34        1.39323
         518627.21    4264540.34        1.34937                    518677.21
4264540.34        1.30143
         518727.21    4264540.34        1.25003                    518427.21
4264590.34        1.37783
         518477.21    4264590.34        1.35810                    518527.21
4264590.34        1.33081
         518577.21    4264590.34        1.29696                    518627.21
4264590.34        1.25737
         518677.21    4264590.34        1.21427                    518727.21
4264590.34        1.16841
         518427.21    4264640.34        1.28673                    518477.21
4264640.34        1.26751
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE3 ***
INCLUDING SOURCE(S): L0003354 , L0003355 , L0003356 , L0003357 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.24195	518577.21	4264640.34	1.21097
518627.21	4264640.34	1.17551	518677.21	4264640.34	1.13653
518727.21	4264640.34	1.09525	518427.21	4264690.34	1.20452
518477.21	4264690.34	1.18607	518527.21	4264690.34	1.16224
518577.21	4264690.34	1.13379	518627.21	4264690.34	1.10153
518677.21	4264690.34	1.06643	518727.21	4264690.34	1.02902
517792.98	4264300.53	1.03876	517815.08	4264313.32	1.07663
517869.76	4264338.92	1.17408	517867.43	4264358.69	1.16082
517911.64	4264344.73	1.25617	517823.23	4264366.84	1.07579

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE4 ***
INCLUDING SOURCE(S): L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.53486	0.56956	0.60852	0.65211	0.70079
4264334.65	0.53892	0.57375	0.61251	0.65567	0.70538
4264284.65	0.54366	0.57826	0.61719	0.66195	0.71117
4264234.65	0.54874	0.58348	0.62239	0.66696	0.71606
4264184.65	0.55336	0.58861	0.62853	0.67216	0.72166

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE4 ***
INCLUDING SOURCE(S): L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	3.97519	518478.45	4263094.05	4.18377
518503.45	4263094.05	4.40093	518528.45	4263094.05	4.61983
518553.45	4263094.05	4.83211	518578.45	4263094.05	5.03023
518603.45	4263094.05	5.20886	518628.45	4263094.05	5.36465
518653.45	4263094.05	5.49506	518678.45	4263094.05	5.59687
518703.45	4263094.05	5.66380	518453.45	4263119.05	4.30893
518478.45	4263119.05	4.54727	518503.45	4263119.05	4.79614
518528.45	4263119.05	5.04735	518553.45	4263119.05	5.29062
518578.45	4263119.05	5.51654	518603.45	4263119.05	5.71838
518628.45	4263119.05	5.89181	518653.45	4263119.05	6.03335
518678.45	4263119.05	6.13871	518703.45	4263119.05	6.20022
518453.45	4263144.05	4.68962	518478.45	4263144.05	4.96390
518503.45	4263144.05	5.25122	518528.45	4263144.05	5.54170
518553.45	4263144.05	5.82255	518578.45	4263144.05	6.08186
518603.45	4263144.05	6.31101	518628.45	4263144.05	6.50428
518653.45	4263144.05	6.65693	518678.45	4263144.05	6.76322
518703.45	4263144.05	6.81377	518453.45	4263169.05	5.12676

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         518478.45    4263169.05        5.44487                    518503.45
4263169.05        5.77930
         518528.45    4263169.05        6.11804                    518553.45
4263169.05        6.44495
         518578.45    4263169.05        6.74472                    518603.45
4263169.05        7.00613
         518628.45    4263169.05        7.22150                    518653.45
4263169.05        7.38430
         518678.45    4263169.05        7.48687                    518703.45
4263169.05        7.51786
         518453.45    4263194.05        5.63236                    518478.45
4263194.05        6.00456
         518503.45    4263194.05        6.39743                    518528.45
4263194.05        6.79621
         518553.45    4263194.05        7.18024                    518578.45
4263194.05        7.52951
         518603.45    4263194.05        7.82912                    518628.45
4263194.05        8.06862
         518653.45    4263194.05        8.23891                    518678.45
4263194.05        8.32982
         518703.45    4263194.05        8.32798                    518453.45
4263219.05        6.22188
         518478.45    4263219.05        6.66169                    518503.45
4263219.05        7.12799
         518528.45    4263219.05        7.60251                    518553.45
4263219.05        8.05835
         518578.45    4263219.05        8.46882                    518603.45
4263219.05        8.81371
         518628.45    4263219.05        9.07855                    518653.45
4263219.05        9.25060
         518678.45    4263219.05        9.31654                    518703.45
4263219.05        9.26142
         518453.45    4263244.05        6.91539                    518478.45
4263244.05        7.44093
         518503.45    4263244.05        8.00093                    518528.45
4263244.05        8.57250
         518553.45    4263244.05        9.11999                    518578.45
4263244.05        9.60699
         518603.45    4263244.05       10.00543                    518628.45
4263244.05       10.29485
         518653.45    4263244.05       10.45741                    518678.45
4263244.05       10.47624
         518703.45    4263244.05       10.33656                    518527.91
4263264.20        9.49191
         518552.64    4263264.47       10.14227                    518578.72
4263266.62       10.86169
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE4 ***
INCLUDING SOURCE(S): L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	11.30189	518628.45	4263269.05	11.77580
518653.45	4263269.05	11.90772	518678.45	4263269.05	11.84283
518703.45	4263269.05	11.57119	518503.63	4263264.09	8.83534
518475.88	4263264.35	8.12074	519264.40	4262891.52	2.04061
519314.40	4262891.52	1.88329	519364.40	4262891.52	1.74015
519414.40	4262891.52	1.61089	519264.40	4262941.52	2.10693
519314.40	4262941.52	1.93563	519364.40	4262941.52	1.78215
519414.40	4262941.52	1.64501	519264.40	4262991.52	2.16890
519314.40	4262991.52	1.98451	519364.40	4262991.52	1.82122
519414.40	4262991.52	1.67647	519264.40	4263041.52	2.22622
519314.40	4263041.52	2.02948	519364.40	4263041.52	1.85680
519414.40	4263041.52	1.70475	519264.40	4263091.52	2.27829
519314.40	4263091.52	2.06988	519364.40	4263091.52	1.88836
519414.40	4263091.52	1.72958	519264.40	4263141.52	2.32434
519314.40	4263141.52	2.10520	519364.40	4263141.52	1.91573
519414.40	4263141.52	1.75106	519264.40	4263191.52	2.36399
519364.40	4263191.52	1.93925	519414.40	4263191.52	1.76968

519264.40 4263341.52 2.44850 519314.40
4263341.52 2.20041
519364.40 4263341.52 1.98997 519414.40
4263341.52 1.80979
519264.40 4263391.52 2.46473 519314.40
4263391.52 2.21227
519364.40 4263391.52 1.99861 519414.40
4263391.52 1.81603
519264.40 4263441.52 2.47326 519314.40
4263441.52 2.21783
519364.40 4263441.52 2.00208 519414.40
4263441.52 1.81804
519264.40 4263491.52 2.47365 519314.40
4263491.52 2.21698
519364.40 4263491.52 2.00048 519414.40
4263491.52 1.81601
519264.40 4263541.52 2.46538 519314.40
4263541.52 2.20934
519364.40 4263541.52 1.99349 519414.40
4263541.52 1.80965
519264.40 4263591.52 2.44658 519314.40
4263591.52 2.19332
519364.40 4263591.52 1.97972 519414.40
4263591.52 1.79744
519264.40 4263641.52 2.41472 519314.40
4263641.52 2.16682
519364.40 4263641.52 1.95575 519414.40
4263641.52 1.77704
519264.40 4263691.52 2.36828 519314.40
4263691.52 2.12876
519364.40 4263691.52 1.92374 519414.40
4263691.52 1.75039
519264.40 4263741.52 2.30645 519314.40
4263741.52 2.07886
519364.40 4263741.52 1.88301 519414.40
4263741.52 1.71625
519264.40 4263791.52 2.22717 519314.40
4263791.52 2.01604
519364.40 4263791.52 1.83235 519414.40
4263791.52 1.67459
519264.40 4263841.52 2.12727 519314.40
4263841.52 1.93704
519364.40 4263841.52 1.76986 519414.40
4263841.52 1.62422
519218.01 4263693.29 2.62910 519159.74
4263866.05 2.52128

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE4 ***
INCLUDING SOURCE(S): L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	2.29096	519259.74	4263866.05	2.08789
519309.74	4263866.05	1.90745	519109.74	4263916.05	2.52303
519159.74	4263916.05	2.31120	519209.74	4263916.05	2.12306
519259.74	4263916.05	1.95424	519309.74	4263916.05	1.80023
519109.74	4263966.05	2.27660	519159.74	4263966.05	2.10152
519209.74	4263966.05	1.94681	519259.74	4263966.05	1.80646
519309.74	4263966.05	1.68045	519109.74	4264016.05	2.06409
519159.74	4264016.05	1.91097	519209.74	4264016.05	1.77805
519259.74	4264016.05	1.66048	519309.74	4264016.05	1.55518
518909.74	4264066.05	2.78219	519109.74	4264066.05	1.88969
519159.74	4264066.05	1.74924	519209.74	4264066.05	1.62840
519259.74	4264066.05	1.52560	518909.74	4264116.05	2.53774
518959.74	4264116.05	2.29512	519009.74	4264116.05	2.08388
519059.74	4264116.05	1.90263	519109.74	4264116.05	1.74782
519159.74	4264116.05	1.61559	519209.74	4264116.05	1.50352
518809.74	4264216.05	2.53238	518859.74	4264216.05	2.32012
518909.74	4264216.05	2.12576	518959.74	4264216.05	1.95209

519009.74 4264216.05 1.79392 519059.74 4264216.05 1.65158
518809.74 4264266.05 2.29730 518859.74 4264266.05 2.11761
518909.74 4264266.05 1.95418 518959.74 4264266.05 1.80591
519009.74 4264266.05 1.66893 518809.74 4264316.05 2.09298
518859.74 4264316.05 1.94001 518909.74 4264316.05 1.80122
518959.74 4264316.05 1.67234 518809.74 4264366.05 1.91445
518859.74 4264366.05 1.78455 518909.74 4264366.05 1.66477
518959.74 4264366.05 1.55329 518809.74 4264416.05 1.75918
518859.74 4264416.05 1.64717 518909.74 4264416.05 1.54241
518959.74 4264416.05 1.44603 518809.74 4264466.05 1.62283
518859.74 4264466.05 1.52510 518909.74 4264466.05 1.43337
518959.74 4264466.05 1.34920 518427.21 4264490.34 2.36207
518477.21 4264490.34 2.27926 518527.21 4264490.34 2.17890
518577.21 4264490.34 2.06777 518627.21 4264490.34 1.95153
518677.21 4264490.34 1.83804 518727.21 4264490.34 1.72915
518427.21 4264540.34 2.14340 518477.21 4264540.34 2.07015
518527.21 4264540.34 1.98298 518577.21 4264540.34 1.88713
518627.21 4264540.34 1.78696 518677.21 4264540.34 1.68889
518727.21 4264540.34 1.59341 518427.21 4264590.34 1.95519
518477.21 4264590.34 1.89012 518527.21 4264590.34 1.81387
518577.21 4264590.34 1.73062 518627.21 4264590.34 1.64368
518677.21 4264590.34 1.55816 518727.21 4264590.34 1.47497
518427.21 4264640.34 1.79232 518477.21 4264640.34 1.73408

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE4 ***
INCLUDING SOURCE(S): L0003358 , L0003359 , L0003360 , L0003361 , L0003362 , L0003363 , L0003364 , L0003365 , L0003366 , L0003367 , L0003368 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.66680	518577.21	4264640.34	1.59397
518627.21	4264640.34	1.51875	518677.21	4264640.34	1.44352
518727.21	4264640.34	1.37025	518427.21	4264690.34	1.64975
518477.21	4264690.34	1.59759	518527.21	4264690.34	1.53802
518577.21	4264690.34	1.47386	518627.21	4264690.34	1.40763
518677.21	4264690.34	1.34162	518727.21	4264690.34	1.27656
517792.98	4264300.53	1.41921	517815.08	4264313.32	1.48838
517869.76	4264338.92	1.67451	517867.43	4264358.69	1.65418
517911.64	4264344.73	1.83610	517823.23	4264366.84	1.49743

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE5 ***
INCLUDING SOURCE(S): L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377 , L0003378 , L0003379 ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.45139	0.47814	0.50791	0.54088	0.57729
4264334.65	0.45388	0.48061	0.51014	0.54274	0.57983
4264284.65	0.45692	0.48335	0.51286	0.54645	0.58308
4264234.65	0.46030	0.48669	0.51602	0.54930	0.58568
4264184.65	0.46346	0.49007	0.51995	0.55237	0.58882

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE5 ***
INCLUDING SOURCE(S): L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377 , L0003378 , L0003379 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	5.33341	518478.45	4263094.05	5.78544
518503.45	4263094.05	6.27627	518528.45	4263094.05	6.80695
518553.45	4263094.05	7.38095	518578.45	4263094.05	8.00492
518603.45	4263094.05	8.68523	518628.45	4263094.05	9.41831
518653.45	4263094.05	10.17889	518678.45	4263094.05	10.91643
518703.45	4263094.05	11.56005	518453.45	4263119.05	5.81465
518478.45	4263119.05	6.34968	518503.45	4263119.05	6.93747
518528.45	4263119.05	7.57971	518553.45	4263119.05	8.28033
518578.45	4263119.05	9.04689	518603.45	4263119.05	9.88746
518628.45	4263119.05	10.79896	518653.45	4263119.05	11.74973
518678.45	4263119.05	12.67029	518703.45	4263119.05	13.45962
518453.45	4263144.05	6.35850	518478.45	4263144.05	6.99609
518503.45	4263144.05	7.70612	518528.45	4263144.05	8.49211
518553.45	4263144.05	9.35931	518578.45	4263144.05	10.31677
518603.45	4263144.05	11.37448	518628.45	4263144.05	12.52999
518653.45	4263144.05	13.74306	518678.45	4263144.05	14.91571
518703.45	4263144.05	15.89861	518453.45	4263169.05	6.97343

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         518478.45    4263169.05        7.73855                    518503.45
4263169.05        8.60400
         518528.45    4263169.05        9.57728                    518553.45
4263169.05       10.66704
         518578.45    4263169.05       11.88547                    518603.45
4263169.05       13.24533
         518628.45    4263169.05       14.74449                    518653.45
4263169.05       16.33077
         518678.45    4263169.05       17.86179                    518703.45
4263169.05       19.10687
         518453.45    4263194.05        7.66748                    518478.45
4263194.05        8.59218
         518503.45    4263194.05        9.65697                    518528.45
4263194.05       10.87714
         518553.45    4263194.05       12.26904                    518578.45
4263194.05       13.85233
         518603.45    4263194.05       15.64539                    518628.45
4263194.05       17.64595
         518653.45    4263194.05       19.78390                    518678.45
4263194.05       21.84465
         518703.45    4263194.05       23.45211                    518453.45
4263219.05        8.44662
         518478.45    4263219.05        9.57185                    518503.45
4263219.05       10.89439
         518528.45    4263219.05       12.44401                    518553.45
4263219.05       14.25293
         518578.45    4263219.05       16.35845                    518603.45
4263219.05       18.79392
         518628.45    4263219.05       21.55807                    518653.45
4263219.05       24.55131
         518678.45    4263219.05       27.43498                    518703.45
4263219.05       29.55274
         518453.45    4263244.05        9.31214                    518478.45
4263244.05       10.68884
         518503.45    4263244.05       12.34607                    518528.45
4263244.05       14.34007
         518553.45    4263244.05       16.73471                    518578.45
4263244.05       19.60651
         518603.45    4263244.05       23.03041                    518628.45
4263244.05       27.01958
         518653.45    4263244.05       31.42314                    518678.45
4263244.05       35.67215
         518703.45    4263244.05       38.51512                    518527.91
4263264.20       16.09433
         518552.64    4263264.47       19.12371                    518578.72
4263266.62       23.46263
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE5 ***
INCLUDING SOURCE(S): L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377 , L0003378 , L0003379 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	28.27450	518628.45	4263269.05	34.97506
518653.45	4263269.05	41.90362	518678.45	4263269.05	48.63649
518703.45	4263269.05	52.47842	518503.63	4263264.09	13.69663
518475.88	4263264.35	11.51625	519264.40	4262891.52	2.95468
519314.40	4262891.52	2.65926	519364.40	4262891.52	2.40236
519414.40	4262891.52	2.17918	519264.40	4262941.52	3.05482
519314.40	4262941.52	2.73368	519364.40	4262941.52	2.45863
519414.40	4262941.52	2.22222	519264.40	4262991.52	3.14401
519314.40	4262991.52	2.79936	519364.40	4262991.52	2.50772
519414.40	4262991.52	2.25940	519264.40	4263041.52	3.22113
519314.40	4263041.52	2.85559	519364.40	4263041.52	2.54947
519414.40	4263041.52	2.29099	519264.40	4263091.52	3.28577
519314.40	4263091.52	2.90257	519364.40	4263091.52	2.58446
519414.40	4263091.52	2.31768	519264.40	4263141.52	3.33854
519314.40	4263141.52	2.94105	519364.40	4263141.52	2.61321
519414.40	4263141.52	2.33957	519264.40	4263191.52	3.37977
519364.40	4263191.52	2.63505	519414.40	4263191.52	2.35574

519264.40 4263341.52 3.41683 519314.40 4263341.52 2.99266
519364.40 4263341.52 2.64698 519414.40 4263341.52 2.36117
519264.40 4263391.52 3.39313 519314.40 4263391.52 2.97258
519364.40 4263391.52 2.62985 519414.40 4263391.52 2.34645
519264.40 4263441.52 3.34522 519314.40 4263441.52 2.93411
519364.40 4263441.52 2.59842 519414.40 4263441.52 2.32040
519264.40 4263491.52 3.26853 519314.40 4263491.52 2.87412
519364.40 4263491.52 2.55044 519414.40 4263491.52 2.28130
519264.40 4263541.52 3.15854 519314.40 4263541.52 2.79010
519364.40 4263541.52 2.48459 519414.40 4263541.52 2.22854
519264.40 4263591.52 3.00961 519314.40 4263591.52 2.67826
519364.40 4263591.52 2.39859 519414.40 4263591.52 2.16050
519264.40 4263641.52 2.81930 519314.40 4263641.52 2.53484
519364.40 4263641.52 2.28657 519414.40 4263641.52 2.07330
519264.40 4263691.52 2.59628 519314.40 4263691.52 2.36192
519364.40 4263691.52 2.15194 519414.40 4263691.52 1.96845
519264.40 4263741.52 2.36138 519314.40 4263741.52 2.17117
519364.40 4263741.52 1.99890 519414.40 4263741.52 1.84550
519264.40 4263791.52 2.13864 519314.40 4263791.52 1.98045
519364.40 4263791.52 1.83829 519414.40 4263791.52 1.71159
519264.40 4263841.52 1.94462 519314.40 4263841.52 1.80541
519364.40 4263841.52 1.68396 519414.40 4263841.52 1.57725
519218.01 4263693.29 2.83203 519159.74 4263866.05 2.22573

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE5 ***
INCLUDING SOURCE(S): L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377 , L0003378 , L0003379 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	2.03462	519259.74	4263866.05	1.87528
519309.74	4263866.05	1.73998	519109.74	4263916.05	2.25756
519159.74	4263916.05	2.05212	519209.74	4263916.05	1.87721
519259.74	4263916.05	1.72915	519309.74	4263916.05	1.60238
519109.74	4263966.05	2.08374	519159.74	4263966.05	1.90338
519209.74	4263966.05	1.74531	519259.74	4263966.05	1.60728
519309.74	4263966.05	1.48994	519109.74	4264016.05	1.92817
519159.74	4264016.05	1.77120	519209.74	4264016.05	1.63011
519259.74	4264016.05	1.50500	519309.74	4264016.05	1.39580
518909.74	4264066.05	2.48112	519109.74	4264066.05	1.78731
519159.74	4264066.05	1.65123	519209.74	4264066.05	1.52612
519259.74	4264066.05	1.41469	518909.74	4264116.05	2.25009
518959.74	4264116.05	2.08156	519009.74	4264116.05	1.92783
519059.74	4264116.05	1.78794	519109.74	4264116.05	1.65950
519159.74	4264116.05	1.54065	519209.74	4264116.05	1.43167
518809.74	4264216.05	2.15113	518859.74	4264216.05	2.00935
518909.74	4264216.05	1.87523	518959.74	4264216.05	1.75298

519009.74 4264216.05 1.63911 519059.74 4264216.05 1.53397
518809.74 4264266.05 1.96086 518859.74 4264266.05 1.83851
518909.74 4264266.05 1.72393 518959.74 4264266.05 1.61804
519009.74 4264266.05 1.51847 518809.74 4264316.05 1.79558
518859.74 4264316.05 1.68964 518909.74 4264316.05 1.59084
518959.74 4264316.05 1.49727 518809.74 4264366.05 1.65096
518859.74 4264366.05 1.55968 518909.74 4264366.05 1.47316
518959.74 4264366.05 1.39109 518809.74 4264416.05 1.52468
518859.74 4264416.05 1.44492 518909.74 4264416.05 1.36822
518959.74 4264416.05 1.29640 518809.74 4264466.05 1.41333
518859.74 4264466.05 1.34288 518909.74 4264466.05 1.27494
518959.74 4264466.05 1.21151 518427.21 4264490.34 1.77268
518477.21 4264490.34 1.75068 518527.21 4264490.34 1.71493
518577.21 4264490.34 1.66723 518627.21 4264490.34 1.60937
518677.21 4264490.34 1.54554 518727.21 4264490.34 1.47778
518427.21 4264540.34 1.63823 518477.21 4264540.34 1.61615
518527.21 4264540.34 1.58272 518577.21 4264540.34 1.53943
518627.21 4264540.34 1.48774 518677.21 4264540.34 1.43114
518727.21 4264540.34 1.37060 518427.21 4264590.34 1.51893
518477.21 4264590.34 1.49719 518527.21 4264590.34 1.46601
518577.21 4264590.34 1.42668 518627.21 4264590.34 1.38034
518677.21 4264590.34 1.32982 518727.21 4264590.34 1.27617
518427.21 4264640.34 1.41285 518477.21 4264640.34 1.39159

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLE5 ***
INCLUDING SOURCE(S): L0003369 , L0003370 , L0003371 , L0003372 , L0003373 , L0003374 , L0003375 , L0003376 , L0003377 , L0003378 , L0003379 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	1.36246	518577.21	4264640.34	1.32664
518627.21	4264640.34	1.28539	518677.21	4264640.34	1.23999
518727.21	4264640.34	1.19202	518427.21	4264690.34	1.31768
518477.21	4264690.34	1.29722	518527.21	4264690.34	1.27012
518577.21	4264690.34	1.23741	518627.21	4264690.34	1.20010
518677.21	4264690.34	1.15947	518727.21	4264690.34	1.11625
517792.98	4264300.53	1.06273	517815.08	4264313.32	1.10467
517869.76	4264338.92	1.21475	517867.43	4264358.69	1.20219
517911.64	4264344.73	1.30831	517823.23	4264366.84	1.10834

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAV ***
INCLUDING SOURCE(S): L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.13246	0.13965	0.14758	0.15626	0.16573
4264334.65	0.13460	0.14198	0.15007	0.15889	0.16884
4264284.65	0.13685	0.14435	0.15265	0.16204	0.17217
4264234.65	0.13914	0.14682	0.15530	0.16487	0.17524
4264184.65	0.14129	0.14923	0.15810	0.16768	0.17838

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAV ***
INCLUDING SOURCE(S): L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.90656	518478.45	4263094.05	2.09918
518503.45	4263094.05	2.30413	518528.45	4263094.05	2.51090
518553.45	4263094.05	2.70838	518578.45	4263094.05	2.88693
518603.45	4263094.05	3.03937	518628.45	4263094.05	3.16123
518653.45	4263094.05	3.25002	518678.45	4263094.05	3.30582
518703.45	4263094.05	3.32356	518453.45	4263119.05	2.17053
518478.45	4263119.05	2.41800	518503.45	4263119.05	2.68300
518528.45	4263119.05	2.94809	518553.45	4263119.05	3.19493
518578.45	4263119.05	3.40902	518603.45	4263119.05	3.58230
518628.45	4263119.05	3.71268	518653.45	4263119.05	3.80080
518678.45	4263119.05	3.84875	518703.45	4263119.05	3.85037
518453.45	4263144.05	2.50524	518478.45	4263144.05	2.83354
518503.45	4263144.05	3.18751	518528.45	4263144.05	3.53600
518553.45	4263144.05	3.84753	518578.45	4263144.05	4.10132
518603.45	4263144.05	4.29171	518628.45	4263144.05	4.42414

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         518653.45    4263144.05        4.50557                    518678.45
4263144.05        4.54020
         518703.45    4263144.05        4.51816                    518453.45
4263169.05        2.94373
         518478.45    4263169.05        3.39869                    518503.45
4263169.05        3.89216
         518528.45    4263169.05        4.36309                    518553.45
4263169.05        4.75641
         518578.45    4263169.05        5.04750                    518603.45
4263169.05        5.24307
         518628.45    4263169.05        5.36582                    518653.45
4263169.05        5.43278
         518678.45    4263169.05        5.44770                    518703.45
4263169.05        5.39098
         518453.45    4263194.05        3.54452                    518478.45
4263194.05        4.21646
         518503.45    4263194.05        4.94568                    518528.45
4263194.05        5.59852
         518553.45    4263194.05        6.08349                    518578.45
4263194.05        6.39172
         518603.45    4263194.05        6.56587                    518628.45
4263194.05        6.66115
         518653.45    4263194.05        6.70572                    518678.45
4263194.05        6.69281
         518703.45    4263194.05        6.58143                    518453.45
4263219.05        4.42277
         518478.45    4263219.05        5.52053                    518503.45
4263219.05        6.68798
         518528.45    4263219.05        7.59971                    518553.45
4263219.05        8.14976
         518578.45    4263219.05        8.41387                    518603.45
4263219.05        8.51414
         518628.45    4263219.05        8.56034                    518653.45
4263219.05        8.57813
         518678.45    4263219.05        8.51956                    518703.45
4263219.05        8.30492
         518453.45    4263244.05        5.83733                    518478.45
4263244.05        7.98048
         518503.45    4263244.05       10.03914                    518528.45
4263244.05       11.23943
         518553.45    4263244.05       11.72785                    518578.45
4263244.05       11.77910
         518603.45    4263244.05       11.69577                    518628.45
4263244.05       11.67777
         518653.45    4263244.05       11.66839                    518678.45
4263244.05       11.49188
         518703.45    4263244.05       11.02518                    518527.91
4263264.20       14.19189
         518552.64    4263264.47       14.49659                    518578.72
4263266.62       15.02360
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAV ***
INCLUDING SOURCE(S): L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	14.85746	518628.45	4263269.05	15.54266
518653.45	4263269.05	15.57155	518678.45	4263269.05	17.26157
518703.45	4263269.05	15.98034	518503.63	4263264.09	13.14188
518475.88	4263264.35	9.63844	519264.40	4262891.52	0.74367
519314.40	4262891.52	0.67346	519364.40	4262891.52	0.61142
519414.40	4262891.52	0.55680	519264.40	4262941.52	0.76756
519314.40	4262941.52	0.69008	519364.40	4262941.52	0.62296
519414.40	4262941.52	0.56478	519264.40	4262991.52	0.78724
519314.40	4262991.52	0.70330	519364.40	4262991.52	0.63186
519414.40	4262991.52	0.57079	519264.40	4263041.52	0.80254
519314.40	4263041.52	0.71330	519364.40	4263041.52	0.63847
519414.40	4263041.52	0.57522	519264.40	4263091.52	0.81386
519314.40	4263091.52	0.72061	519364.40	4263091.52	0.64329
519414.40	4263091.52	0.57847	519264.40	4263141.52	0.82192
519314.40	4263141.52	0.72581	519364.40	4263141.52	0.64671

519414.40 4263141.52 0.58075 519264.40
4263191.52 0.82726
519364.40 4263191.52 0.64881 519414.40
4263191.52 0.58206
519264.40 4263341.52 0.82410 519314.40
4263341.52 0.72490
519364.40 4263341.52 0.64417 519414.40
4263341.52 0.57743
519264.40 4263391.52 0.81523 519314.40
4263391.52 0.71764
519364.40 4263391.52 0.63811 519414.40
4263391.52 0.57228
519264.40 4263441.52 0.80196 519314.40
4263441.52 0.70727
519364.40 4263441.52 0.62975 519414.40
4263441.52 0.56536
519264.40 4263491.52 0.78320 519314.40
4263491.52 0.69310
519364.40 4263491.52 0.61868 519414.40
4263491.52 0.55645
519264.40 4263541.52 0.75799 519314.40
4263541.52 0.67418
519364.40 4263541.52 0.60413 519414.40
4263541.52 0.54498
519264.40 4263591.52 0.72698 519314.40
4263591.52 0.65035
519364.40 4263591.52 0.58564 519414.40
4263591.52 0.53029
519264.40 4263641.52 0.69234 519314.40
4263641.52 0.62270
519364.40 4263641.52 0.56279 519414.40
4263641.52 0.51199
519264.40 4263691.52 0.65643 519314.40
4263691.52 0.59302
519364.40 4263691.52 0.53822 519414.40
4263691.52 0.49191
519264.40 4263741.52 0.62088 519314.40
4263741.52 0.56292
519364.40 4263741.52 0.51286 519414.40
4263741.52 0.47040
519264.40 4263791.52 0.58644 519314.40
4263791.52 0.53342
519364.40 4263791.52 0.48748 519414.40
4263791.52 0.44847
519264.40 4263841.52 0.55342 519314.40
4263841.52 0.50473
519364.40 4263841.52 0.46273 519414.40
4263841.52 0.42688
519218.01 4263693.29 0.72469 519159.74
4263866.05 0.66141

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAV ***
INCLUDING SOURCE(S): L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.59719	519259.74	4263866.05	0.54244
519309.74	4263866.05	0.49510	519109.74	4263916.05	0.68369
519159.74	4263916.05	0.61717	519209.74	4263916.05	0.56022
519259.74	4263916.05	0.51111	519309.74	4263916.05	0.46787
519109.74	4263966.05	0.63315	519159.74	4263966.05	0.57528
519209.74	4263966.05	0.52489	519259.74	4263966.05	0.48043
519309.74	4263966.05	0.44217	519109.74	4264016.05	0.58626
519159.74	4264016.05	0.53584	519209.74	4264016.05	0.49123
519259.74	4264016.05	0.45191	519309.74	4264016.05	0.41748
518909.74	4264066.05	0.79251	519109.74	4264066.05	0.54318
519159.74	4264066.05	0.49914	519209.74	4264066.05	0.45942
519259.74	4264066.05	0.42489	518909.74	4264116.05	0.71979
518959.74	4264116.05	0.65458	519009.74	4264116.05	0.59759
519059.74	4264116.05	0.54801	519109.74	4264116.05	0.50427
519159.74	4264116.05	0.46509	519209.74	4264116.05	0.43032

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        518809.74    4264216.05        0.71033                  518859.74
4264216.05        0.65413
        518909.74    4264216.05        0.60117                  518959.74
4264216.05        0.55407
        519009.74    4264216.05        0.51104                  519059.74
4264216.05        0.47244
        518809.74    4264266.05        0.64443                  518859.74
4264266.05        0.59699
        518909.74    4264266.05        0.55285                  518959.74
4264266.05        0.51256
        519009.74    4264266.05        0.47497                  518809.74
4264316.05        0.58701
        518859.74    4264316.05        0.54693                  518909.74
4264316.05        0.50986
        518959.74    4264316.05        0.47464                  518809.74
4264366.05        0.53677
        518859.74    4264366.05        0.50328                  518909.74
4264366.05        0.47148
        518959.74    4264366.05        0.44117                  518809.74
4264416.05        0.49331
        518859.74    4264416.05        0.46473                  518909.74
4264416.05        0.43696
        518959.74    4264416.05        0.41105                  518809.74
4264466.05        0.45525
        518859.74    4264466.05        0.43045                  518909.74
4264466.05        0.40629
        518959.74    4264466.05        0.38385                  518427.21
4264490.34        0.57131
        518477.21    4264490.34        0.56954                  518527.21
4264490.34        0.56014
        518577.21    4264490.34        0.54455                  518627.21
4264490.34        0.52415
        518677.21    4264490.34        0.50186                  518727.21
4264490.34        0.47825
        518427.21    4264540.34        0.52221                  518477.21
4264540.34        0.52021
        518527.21    4264540.34        0.51192                  518577.21
4264540.34        0.49848
        518627.21    4264540.34        0.48096                  518677.21
4264540.34        0.46178
        518727.21    4264540.34        0.44093                  518427.21
4264590.34        0.47979
        518477.21    4264590.34        0.47764                  518527.21
4264590.34        0.47027
        518577.21    4264590.34        0.45861                  518627.21
4264590.34        0.44343
        518677.21    4264590.34        0.42672                  518727.21
4264590.34        0.40869
        518427.21    4264640.34        0.44301                  518477.21
4264640.34        0.44070
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAV ***
INCLUDING SOURCE(S): L0003589 , L0003590 , L0003591 , L0003592 , L0003593 , L0003594 , L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 , L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.43401	518577.21	4264640.34	0.42380
518627.21	4264640.34	0.41093	518677.21	4264640.34	0.39617
518727.21	4264640.34	0.38030	518427.21	4264690.34	0.41058
518477.21	4264690.34	0.40826	518527.21	4264690.34	0.40223
518577.21	4264690.34	0.39318	518627.21	4264690.34	0.38185
518677.21	4264690.34	0.36901	518727.21	4264690.34	0.35486
517792.98	4264300.53	0.29853	517815.08	4264313.32	0.30833
517869.76	4264338.92	0.33537	517867.43	4264358.69	0.32985
517911.64	4264344.73	0.36085	517823.23	4264366.84	0.30368

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPG ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.13234	0.13951	0.14740	0.15603	0.16546
4264334.65	0.13449	0.14184	0.14989	0.15867	0.16857
4264284.65	0.13674	0.14421	0.15248	0.16182	0.17189
4264234.65	0.13902	0.14667	0.15512	0.16465	0.17496
4264184.65	0.14114	0.14905	0.15790	0.16744	0.17809

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPG ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 ,
L0003037 , L0003038 , L0003039 , L0003040 ,
L0003041 , L0003042 , L0003043 , L0003044 ,
L0003045 , L0003046 , L0003047 , L0003048 ,
L0003049 , L0003050 , L0003051 , L0003052 ,
L0003053 , L0003054 , L0003055 , L0003056 ,
L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.63921	518478.45	4263094.05	1.78809
518503.45	4263094.05	1.95103	518528.45	4263094.05	2.12314
518553.45	4263094.05	2.29761	518578.45	4263094.05	2.46690
518603.45	4263094.05	2.62370	518628.45	4263094.05	2.76163
518653.45	4263094.05	2.87571	518678.45	4263094.05	2.96301
518703.45	4263094.05	3.01574	518453.45	4263119.05	1.83601
518478.45	4263119.05	2.02180	518503.45	4263119.05	2.22709
518528.45	4263119.05	2.44436	518553.45	4263119.05	2.66290
518578.45	4263119.05	2.87135	518603.45	4263119.05	3.05951
518628.45	4263119.05	3.21961	518653.45	4263119.05	3.34655
518678.45	4263119.05	3.43813	518703.45	4263119.05	3.48574
518453.45	4263144.05	2.07610	518478.45	4263144.05	2.31363
518503.45	4263144.05	2.57928	518528.45	4263144.05	2.86044
518553.45	4263144.05	3.13931	518578.45	4263144.05	3.39837
518603.45	4263144.05	3.62418	518628.45	4263144.05	3.80854

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         518653.45    4263144.05        3.94738                    518678.45
4263144.05        4.04026
         518703.45    4263144.05        4.07766                    518453.45
4263169.05        2.37521
         518478.45    4263169.05        2.68881                    518503.45
4263169.05        3.04488
         518528.45    4263169.05        3.41997                    518553.45
4263169.05        3.78244
         518578.45    4263169.05        4.10586                    518603.45
4263169.05        4.37509
         518628.45    4263169.05        4.58422                    518653.45
4263169.05        4.73230
         518678.45    4263169.05        4.82191                    518703.45
4263169.05        4.84209
         518453.45    4263194.05        2.75828                    518478.45
4263194.05        3.19143
         518503.45    4263194.05        3.69284                    518528.45
4263194.05        4.21215
         518553.45    4263194.05        4.68999                    518578.45
4263194.05        5.09165
         518603.45    4263194.05        5.40752                    518628.45
4263194.05        5.63936
         518653.45    4263194.05        5.79182                    518678.45
4263194.05        5.87192
         518703.45    4263194.05        5.86563                    518453.45
4263219.05        3.26767
         518478.45    4263219.05        3.90892                    518503.45
4263219.05        4.66940
         518528.45    4263219.05        5.41829                    518553.45
4263219.05        6.04791
         518578.45    4263219.05        6.53637                    518603.45
4263219.05        6.89697
         518628.45    4263219.05        7.14593                    518653.45
4263219.05        7.29544
         518678.45    4263219.05        7.35824                    518703.45
4263219.05        7.31381
         518453.45    4263244.05        3.98043                    518478.45
4263244.05        5.05099
         518503.45    4263244.05        6.34998                    518528.45
4263244.05        7.45608
         518553.45    4263244.05        8.25834                    518578.45
4263244.05        8.82942
         518603.45    4263244.05        9.22529                    518628.45
4263244.05        9.48125
         518653.45    4263244.05        9.61705                    518678.45
4263244.05        9.65285
         518703.45    4263244.05        9.55678                    518527.91
4263264.20       10.41061
         518552.64    4263264.47       11.39065                    518578.72
4263266.62       12.50906
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPG ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 ,
L0003037 , L0003038 , L0003039 , L0003040 ,
L0003041 , L0003042 , L0003043 , L0003044 ,
L0003045 , L0003046 , L0003047 , L0003048 ,
L0003049 , L0003050 , L0003051 , L0003052 ,
L0003053 , L0003054 , L0003055 , L0003056 ,
L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	12.85820	518628.45	4263269.05	13.72411
518653.45	4263269.05	13.82658	518678.45	4263269.05	13.81354
518703.45	4263269.05	13.65891	518503.63	4263264.09	8.97732
518475.88	4263264.35	6.47812	519264.40	4262891.52	0.73392
519314.40	4262891.52	0.66665	519364.40	4262891.52	0.60682
519414.40	4262891.52	0.55381	519264.40	4262941.52	0.75855
519314.40	4262941.52	0.68405	519364.40	4262941.52	0.61905
519414.40	4262941.52	0.56235	519264.40	4262991.52	0.77902
519314.40	4262991.52	0.69799	519364.40	4262991.52	0.62851
519414.40	4262991.52	0.56876	519264.40	4263041.52	0.79504
519314.40	4263041.52	0.70855	519364.40	4263041.52	0.63550
519414.40	4263041.52	0.57342	519264.40	4263091.52	0.80691
519314.40	4263091.52	0.71623	519364.40	4263091.52	0.64054
519414.40	4263091.52	0.57677	519264.40	4263141.52	0.81537
519314.40	4263141.52	0.72167	519364.40	4263141.52	0.64410

519414.40 4263141.52 0.57915 519264.40
4263191.52 0.82108
519364.40 4263191.52 0.64643 519414.40
4263191.52 0.58067
519264.40 4263341.52 0.82161 519314.40
4263341.52 0.72413
519364.40 4263341.52 0.64444 519414.40
4263341.52 0.57831
519264.40 4263391.52 0.81501 519314.40
4263391.52 0.71862
519364.40 4263391.52 0.63976 519414.40
4263391.52 0.57428
519264.40 4263441.52 0.80431 519314.40
4263441.52 0.71009
519364.40 4263441.52 0.63276 519414.40
4263441.52 0.56840
519264.40 4263491.52 0.78872 519314.40
4263491.52 0.69804
519364.40 4263491.52 0.62315 519414.40
4263491.52 0.56052
519264.40 4263541.52 0.76754 519314.40
4263541.52 0.68183
519364.40 4263541.52 0.61043 519414.40
4263541.52 0.55031
519264.40 4263591.52 0.74085 519314.40
4263591.52 0.66118
519364.40 4263591.52 0.59423 519414.40
4263591.52 0.53725
519264.40 4263641.52 0.70967 519314.40
4263641.52 0.63651
519364.40 4263641.52 0.57379 519414.40
4263641.52 0.52083
519264.40 4263691.52 0.67556 519314.40
4263691.52 0.60886
519364.40 4263691.52 0.55119 519414.40
4263691.52 0.50253
519264.40 4263741.52 0.64006 519314.40
4263741.52 0.57945
519364.40 4263741.52 0.52691 519414.40
4263741.52 0.48227
519264.40 4263791.52 0.60439 519314.40
4263791.52 0.54941
519364.40 4263791.52 0.50157 519414.40
4263791.52 0.46080
519264.40 4263841.52 0.56938 519314.40
4263841.52 0.51929
519364.40 4263841.52 0.47597 519414.40
4263841.52 0.43885
519218.01 4263693.29 0.74728 519159.74
4263866.05 0.67980

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPG ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.61363	519259.74	4263866.05	0.55742
519309.74	4263866.05	0.50888	519109.74	4263916.05	0.70204
519159.74	4263916.05	0.63297	519209.74	4263916.05	0.57423
519259.74	4263916.05	0.52386	519309.74	4263916.05	0.47966
519109.74	4263966.05	0.64967	519159.74	4263966.05	0.58920
519209.74	4263966.05	0.53698	519259.74	4263966.05	0.49124
519309.74	4263966.05	0.45212	519109.74	4264016.05	0.60199
519159.74	4264016.05	0.54879	519209.74	4264016.05	0.50215
519259.74	4264016.05	0.46140	519309.74	4264016.05	0.42646
518909.74	4264066.05	0.82862	519109.74	4264066.05	0.55887
519159.74	4264066.05	0.51188	519209.74	4264066.05	0.46991
519259.74	4264066.05	0.43374	518909.74	4264116.05	0.75188
518959.74	4264116.05	0.68203	519009.74	4264116.05	0.62072
519059.74	4264116.05	0.56723	519109.74	4264116.05	0.52007
519159.74	4264116.05	0.47799	519209.74	4264116.05	0.44088

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        518809.74    4264216.05        0.73989                    518859.74
4264216.05        0.68023
        518909.74    4264216.05        0.62449                    518959.74
4264216.05        0.57514
        519009.74    4264216.05        0.52995                    519059.74
4264216.05        0.48922
        518809.74    4264266.05        0.66990                    518859.74
4264266.05        0.61932
        518909.74    4264266.05        0.57282                    518959.74
4264266.05        0.53068
        519009.74    4264266.05        0.49145                    518809.74
4264316.05        0.60931
        518859.74    4264316.05        0.56642                    518909.74
4264316.05        0.52722
        518959.74    4264316.05        0.49031                    518809.74
4264366.05        0.55644
        518859.74    4264366.05        0.52057                    518909.74
4264366.05        0.48684
        518959.74    4264366.05        0.45497                    518809.74
4264416.05        0.51079
        518859.74    4264416.05        0.48019                    518909.74
4264416.05        0.45070
        518959.74    4264416.05        0.42339                    518809.74
4264466.05        0.47084
        518859.74    4264466.05        0.44433                    518909.74
4264466.05        0.41867
        518959.74    4264466.05        0.39500                    518427.21
4264490.34        0.59540
        518477.21    4264490.34        0.59387                    518527.21
4264490.34        0.58415
        518577.21    4264490.34        0.56765                    518627.21
4264490.34        0.54575
        518677.21    4264490.34        0.52163                    518727.21
4264490.34        0.49605
        518427.21    4264540.34        0.54289                    518477.21
4264540.34        0.54115
        518527.21    4264540.34        0.53265                    518577.21
4264540.34        0.51851
        518627.21    4264540.34        0.49978                    518677.21
4264540.34        0.47911
        518727.21    4264540.34        0.45663                    518427.21
4264590.34        0.49771
        518477.21    4264590.34        0.49582                    518527.21
4264590.34        0.48830
        518577.21    4264590.34        0.47608                    518627.21
4264590.34        0.45994
        518677.21    4264590.34        0.44200                    518727.21
4264590.34        0.42262
        518427.21    4264640.34        0.45871                    518477.21
4264640.34        0.45660
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPG ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.44981	518577.21	4264640.34	0.43914
518627.21	4264640.34	0.42551	518677.21	4264640.34	0.40974
518727.21	4264640.34	0.39273	518427.21	4264690.34	0.42440
518477.21	4264690.34	0.42226	518527.21	4264690.34	0.41615
518577.21	4264690.34	0.40674	518627.21	4264690.34	0.39477
518677.21	4264690.34	0.38109	518727.21	4264690.34	0.36598
517792.98	4264300.53	0.29807	517815.08	4264313.32	0.30808
517869.76	4264338.92	0.33595	517867.43	4264358.69	0.33058
517911.64	4264344.73	0.36233	517823.23	4264366.84	0.30388

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FOUND ***
INCLUDING SOURCE(S): L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 , L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 , L0003849 , L0003850 , L0003851 , L0003852 , L0003853 , L0003854 , L0003855 , L0003856 , L0003857 , L0003858 , L0003859 , L0003860 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	0.19484	0.20908	0.22531	0.24376	0.26467
4264334.65	0.19381	0.20769	0.22338	0.24114	0.26189
4264284.65	0.19321	0.20659	0.22187	0.23969	0.25964
4264234.65	0.19292	0.20596	0.22077	0.23797	0.25725
4264184.65	0.19268	0.20553	0.22025	0.23658	0.25537

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FOUND ***
INCLUDING SOURCE(S): L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 , L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 , L0003849 , L0003850 , L0003851 , L0003852 , L0003853 , L0003854 , L0003855 , L0003856 , L0003857 , L0003858 , L0003859 , L0003860 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	1.92305	518478.45	4263094.05	2.07661
518503.45	4263094.05	2.24133	518528.45	4263094.05	2.41556
518553.45	4263094.05	2.59620	518578.45	4263094.05	2.77849
518603.45	4263094.05	2.95631	518628.45	4263094.05	3.12249
518653.45	4263094.05	3.26910	518678.45	4263094.05	3.38833
518703.45	4263094.05	3.47206	518453.45	4263119.05	2.11003
518478.45	4263119.05	2.29312	518503.45	4263119.05	2.49137
518528.45	4263119.05	2.70278	518553.45	4263119.05	2.92326
518578.45	4263119.05	3.14607	518603.45	4263119.05	3.36210
518628.45	4263119.05	3.56045	518653.45	4263119.05	3.72941
518678.45	4263119.05	3.85872	518703.45	4263119.05	3.93950
518453.45	4263144.05	2.32794	518478.45	4263144.05	2.54907
518503.45	4263144.05	2.79135	518528.45	4263144.05	3.05237
518553.45	4263144.05	3.32653	518578.45	4263144.05	3.60385
518603.45	4263144.05	3.87001	518628.45	4263144.05	4.10787

518653.45 4263144.05 4.30033 518678.45
4263144.05 4.43505
518703.45 4263144.05 4.50416 518453.45
4263169.05 2.58413
518478.45 4263169.05 2.85524 518503.45
4263169.05 3.15680
518528.45 4263169.05 3.48602 518553.45
4263169.05 3.83499
518578.45 4263169.05 4.18788 518603.45
4263169.05 4.52073
518628.45 4263169.05 4.80566 518653.45
4263169.05 5.01879
518678.45 4263169.05 5.14856 518703.45
4263169.05 5.19206
518453.45 4263194.05 2.88811 518478.45
4263194.05 3.22638
518503.45 4263194.05 3.61018 518528.45
4263194.05 4.03686
518553.45 4263194.05 4.49472 518578.45
4263194.05 4.95647
518603.45 4263194.05 5.37859 518628.45
4263194.05 5.71474
518653.45 4263194.05 5.93630 518678.45
4263194.05 6.04148
518703.45 4263194.05 6.03887 518453.45
4263219.05 3.25213
518478.45 4263219.05 3.68302 518503.45
4263219.05 4.18513
518528.45 4263219.05 4.75819 518553.45
4263219.05 5.38433
518578.45 4263219.05 6.01086 518603.45
4263219.05 6.55001
518628.45 4263219.05 6.92678 518653.45
4263219.05 7.12470
518678.45 4263219.05 7.17296 518703.45
4263219.05 7.09758
518453.45 4263244.05 3.69145 518478.45
4263244.05 4.25388
518503.45 4263244.05 4.93399 518528.45
4263244.05 5.74217
518553.45 4263244.05 6.65228 518578.45
4263244.05 7.54439
518603.45 4263244.05 8.21848 518628.45
4263244.05 8.57852
518653.45 4263244.05 8.68594 518678.45
4263244.05 8.63352
518703.45 4263244.05 8.45664 518527.91
4263264.20 6.81394
518552.64 4263264.47 8.14064 518578.72
4263266.62 9.69202

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FOUND ***
INCLUDING SOURCE(S): L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 , L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 , L0003849 , L0003850 , L0003851 , L0003852 , L0003853 , L0003854 , L0003855 , L0003856 , L0003857 , L0003858 , L0003859 , L0003860 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	10.39119	518628.45	4263269.05	10.87078
518653.45	4263269.05	10.77770	518678.45	4263269.05	10.58448
518703.45	4263269.05	10.28668	518503.63	4263264.09	5.72189
518475.88	4263264.35	4.74690	519264.40	4262891.52	0.97321
519314.40	4262891.52	0.88353	519364.40	4262891.52	0.80404
519414.40	4262891.52	0.73406	519264.40	4262941.52	1.00452
519314.40	4262941.52	0.90695	519364.40	4262941.52	0.82199
519414.40	4262941.52	0.74806	519264.40	4262991.52	1.03255
519314.40	4262991.52	0.92782	519364.40	4262991.52	0.83786
519414.40	4262991.52	0.76026	519264.40	4263041.52	1.05694
519314.40	4263041.52	0.94580	519364.40	4263041.52	0.85126
519414.40	4263041.52	0.77028	519264.40	4263091.52	1.07723
519314.40	4263091.52	0.96038	519364.40	4263091.52	0.86177
519414.40	4263091.52	0.77780	519264.40	4263141.52	1.09282
519314.40	4263141.52	0.97110	519364.40	4263141.52	0.86906

519414.40 4263141.52 0.78266 519264.40
4263191.52 1.10331
519364.40 4263191.52 0.87313 519414.40
4263191.52 0.78497
519264.40 4263341.52 1.11039 519314.40
4263341.52 0.98023
519364.40 4263341.52 0.87287 519414.40
4263341.52 0.78316
519264.40 4263391.52 1.10882 519314.40
4263391.52 0.97868
519364.40 4263391.52 0.87144 519414.40
4263391.52 0.78188
519264.40 4263441.52 1.10536 519314.40
4263441.52 0.97600
519364.40 4263441.52 0.86934 519414.40
4263441.52 0.78022
519264.40 4263491.52 1.09772 519314.40
4263491.52 0.97058
519364.40 4263491.52 0.86540 519414.40
4263491.52 0.77732
519264.40 4263541.52 1.08256 519314.40
4263541.52 0.96000
519364.40 4263541.52 0.85786 519414.40
4263541.52 0.77184
519264.40 4263591.52 1.05673 519314.40
4263591.52 0.94163
519364.40 4263591.52 0.84463 519414.40
4263591.52 0.76205
519264.40 4263641.52 1.01884 519314.40
4263641.52 0.91371
519364.40 4263641.52 0.82324 519414.40
4263641.52 0.74600
519264.40 4263691.52 0.97013 519314.40
4263691.52 0.87625
519364.40 4263691.52 0.79434 519414.40
4263691.52 0.72389
519264.40 4263741.52 0.91376 519314.40
4263741.52 0.83111
519364.40 4263741.52 0.75849 519414.40
4263741.52 0.69531
519264.40 4263791.52 0.85352 519314.40
4263791.52 0.78120
519364.40 4263791.52 0.71737 519414.40
4263791.52 0.66153
519264.40 4263841.52 0.79273 519314.40
4263841.52 0.72927
519364.40 4263841.52 0.67346 519414.40
4263841.52 0.62446
519218.01 4263693.29 1.06898 519159.74
4263866.05 0.91900

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FOUND ***
INCLUDING SOURCE(S): L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 , L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 , L0003849 , L0003850 , L0003851 , L0003852 , L0003853 , L0003854 , L0003855 , L0003856 , L0003857 , L0003858 , L0003859 , L0003860 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	0.83861	519259.74	4263866.05	0.76946
519309.74	4263866.05	0.70909	519109.74	4263916.05	0.92365
519159.74	4263916.05	0.84217	519209.74	4263916.05	0.77219
519259.74	4263916.05	0.71162	519309.74	4263916.05	0.65824
519109.74	4263966.05	0.84471	519159.74	4263966.05	0.77353
519209.74	4263966.05	0.71188	519259.74	4263966.05	0.65785
519309.74	4263966.05	0.61102	519109.74	4264016.05	0.77672
519159.74	4264016.05	0.71358	519209.74	4264016.05	0.65842
519259.74	4264016.05	0.61018	519309.74	4264016.05	0.56804
518909.74	4264066.05	1.04215	519109.74	4264066.05	0.71833
519159.74	4264066.05	0.66177	519209.74	4264066.05	0.61175
519259.74	4264066.05	0.56829	518909.74	4264116.05	0.94890
518959.74	4264116.05	0.86446	519009.74	4264116.05	0.79029
519059.74	4264116.05	0.72516	519109.74	4264116.05	0.66766
519159.74	4264116.05	0.61662	519209.74	4264116.05	0.57151

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        518809.74    4264216.05        0.94506                  518859.74
4264216.05        0.86593
        518909.74    4264216.05        0.79541                  518959.74
4264216.05        0.73324
        519009.74    4264216.05        0.67740                  519059.74
4264216.05        0.62726
        518809.74    4264266.05        0.86153                  518859.74
4264266.05        0.79325
        518909.74    4264266.05        0.73248                  518959.74
4264266.05        0.67840
        519009.74    4264266.05        0.62944                  518809.74
4264316.05        0.78892
        518859.74    4264316.05        0.72963                  518909.74
4264316.05        0.67683
        518959.74    4264316.05        0.62906                  518809.74
4264366.05        0.72536
        518859.74    4264366.05        0.67384                  518909.74
4264366.05        0.62741
        518959.74    4264366.05        0.58528                  518809.74
4264416.05        0.66969
        518859.74    4264416.05        0.62446                  518909.74
4264416.05        0.58324
        518959.74    4264416.05        0.54604                  518809.74
4264466.05        0.62053
        518859.74    4264466.05        0.58048                  518909.74
4264466.05        0.54382
        518959.74    4264466.05        0.51073                  518427.21
4264490.34        0.95714
        518477.21    4264490.34        0.91636                  518527.21
4264490.34        0.86907
        518577.21    4264490.34        0.81825                  518627.21
4264490.34        0.76649
        518677.21    4264490.34        0.71642                  518727.21
4264490.34        0.66915
        518427.21    4264540.34        0.87464                  518477.21
4264540.34        0.83775
        518527.21    4264540.34        0.79574                  518577.21
4264540.34        0.75097
        518627.21    4264540.34        0.70550                  518677.21
4264540.34        0.66147
        518727.21    4264540.34        0.61960                  518427.21
4264590.34        0.80268
        518477.21    4264590.34        0.76927                  518527.21
4264590.34        0.73176
        518577.21    4264590.34        0.69210                  518627.21
4264590.34        0.65191
        518677.21    4264590.34        0.61294                  518727.21
4264590.34        0.57588
        518427.21    4264640.34        0.73957                  518477.21
4264640.34        0.70922
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: FOUND ***
INCLUDING SOURCE(S): L0003833 , L0003834 , L0003835 , L0003836 , L0003837 , L0003838 , L0003839 , L0003840 , L0003841 , L0003842 , L0003843 , L0003844 , L0003845 , L0003846 , L0003847 , L0003848 , L0003849 , L0003850 , L0003851 , L0003852 , L0003853 , L0003854 , L0003855 , L0003856 , L0003857 , L0003858 , L0003859 , L0003860 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	0.67558	518577.21	4264640.34	0.64025
518627.21	4264640.34	0.60467	518677.21	4264640.34	0.56996
518727.21	4264640.34	0.53692	518427.21	4264690.34	0.68383
518477.21	4264690.34	0.65622	518527.21	4264690.34	0.62595
518577.21	4264690.34	0.59432	518627.21	4264690.34	0.56253
518677.21	4264690.34	0.53155	518727.21	4264690.34	0.50191
517792.98	4264300.53	0.56329	517815.08	4264313.32	0.59500
517869.76	4264338.92	0.67806	517867.43	4264358.69	0.67351
517911.64	4264344.73	0.74618	517823.23	4264366.84	0.60897

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** NETWORK ID: RES ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 517213.37	517263.37	517313.37	517363.37	517413.37
4264384.65	8.19137	8.96024	9.90207	11.08073	12.59640
4264334.65	8.28351	9.06510	10.01596	11.20288	12.78548
4264284.65	8.38455	9.17374	10.14404	11.38552	12.97171
4264234.65	8.47926	9.28300	10.27002	11.52919	13.15038
4264184.65	8.54252	9.36101	10.37584	11.63693	13.29250

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518453.45	4263094.05	61.60869	518478.45	4263094.05	67.74143
518503.45	4263094.05	75.06953	518528.45	4263094.05	84.01789
518553.45	4263094.05	95.28733	518578.45	4263094.05	110.07802
518603.45	4263094.05	130.48937	518628.45	4263094.05	160.35497
518653.45	4263094.05	207.94991	518678.45	4263094.05	302.10587
518703.45	4263094.05	281.89623	518453.45	4263119.05	65.93019
518478.45	4263119.05	72.74794	518503.45	4263119.05	80.85983
518528.45	4263119.05	90.65769	518553.45	4263119.05	102.74984
518578.45	4263119.05	118.13294	518603.45	4263119.05	138.53271
518628.45	4263119.05	167.19206	518653.45	4263119.05	211.60598
518678.45	4263119.05	300.45950	518703.45	4263119.05	291.31018
518453.45	4263144.05	70.82347	518478.45	4263144.05	78.46798
518503.45	4263144.05	87.52395	518528.45	4263144.05	98.34094
518553.45	4263144.05	111.43659	518578.45	4263144.05	127.64871
518603.45	4263144.05	148.49056	518628.45	4263144.05	177.01759

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         518653.45    4263144.05      220.71831                    518678.45
4263144.05      308.61352
         518703.45    4263144.05      304.32674                    518453.45
4263169.05       76.41991
         518478.45    4263169.05       85.10118                    518503.45
4263169.05       95.35377
         518528.45    4263169.05      107.47698                    518553.45
4263169.05      121.91284
         518578.45    4263169.05      139.39567                    518603.45
4263169.05      161.32860
         518628.45    4263169.05      190.74929                    518653.45
4263169.05      235.18523
         518678.45    4263169.05      322.89258                    518703.45
4263169.05      321.18240
         518453.45    4263194.05       82.89927                    518478.45
4263194.05       92.94920
         518503.45    4263194.05      104.81132                    518528.45
4263194.05      118.70268
         518553.45    4263194.05      135.01343                    518578.45
4263194.05      154.45713
         518603.45    4263194.05      178.38694                    518628.45
4263194.05      209.83913
         518653.45    4263194.05      256.21437                    518678.45
4263194.05      344.24105
         518703.45    4263194.05      344.07895                    518453.45
4263219.05       90.52733
         518478.45    4263219.05      102.51967                    518503.45
4263219.05      116.69832
         518528.45    4263219.05      133.07015                    518553.45
4263219.05      152.04502
         518578.45    4263219.05      174.49642                    518603.45
4263219.05      201.81560
         518628.45    4263219.05      237.00666                    518653.45
4263219.05      287.20628
         518678.45    4263219.05      376.68826                    518703.45
4263219.05      376.93368
         518453.45    4263244.05       99.76083                    518478.45
4263244.05      114.90635
         518503.45    4263244.05      132.69757                    518528.45
4263244.05      152.55553
         518553.45    4263244.05      175.33651                    518578.45
4263244.05      202.40857
         518603.45    4263244.05      235.48557                    518628.45
4263244.05      277.71188
         518653.45    4263244.05      335.92396                    518678.45
4263244.05      429.68020
         518703.45    4263244.05      427.42780                    518527.91
4263264.20      171.63682
         518552.64    4263264.47      198.68885                    518578.72
4263266.62      237.14621
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 ,
L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 ,
L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 ,
L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518603.99	4263266.35	279.28990	518628.45	4263269.05	341.77966
518653.45	4263269.05	419.44902	518678.45	4263269.05	527.43776
518703.45	4263269.05	518.40556	518503.63	4263264.09	148.96416
518475.88	4263264.35	124.67079	519264.40	4262891.52	43.84116
519314.40	4262891.52	40.02262	519364.40	4262891.52	36.61769
519414.40	4262891.52	33.43919	519264.40	4262941.52	41.80420
519314.40	4262941.52	38.01488	519364.40	4262941.52	34.65018
519414.40	4262941.52	31.57230	519264.40	4262991.52	40.22601
519314.40	4262991.52	36.45617	519364.40	4262991.52	33.13878
519414.40	4262991.52	30.15732	519264.40	4263041.52	38.96273
519314.40	4263041.52	35.20935	519364.40	4263041.52	31.93924
519414.40	4263041.52	29.04237	519264.40	4263091.52	37.91065
519314.40	4263091.52	34.17793	519364.40	4263091.52	30.95526
519414.40	4263091.52	28.13223	519264.40	4263141.52	36.99424
519314.40	4263141.52	33.29140	519364.40	4263141.52	30.11831

519414.40 4263141.52 27.36193 519264.40
4263191.52 36.15425
519364.40 4263191.52 29.37638 519414.40
4263191.52 26.68383
519264.40 4263341.52 33.67832 519314.40
4263341.52 30.25651
519364.40 4263341.52 27.36211 519414.40
4263341.52 24.88224
519264.40 4263391.52 32.78424 519314.40
4263391.52 29.47704
519364.40 4263391.52 26.68041 519414.40
4263391.52 24.28523
519264.40 4263441.52 31.82930 519314.40
4263441.52 28.65530
519364.40 4263441.52 25.96868 519414.40
4263441.52 23.66639
519264.40 4263491.52 30.79949 519314.40
4263491.52 27.78155
519364.40 4263491.52 25.21937 519414.40
4263491.52 23.01920
519264.40 4263541.52 29.67649 519314.40
4263541.52 26.84299
519364.40 4263541.52 24.42363 519414.40
4263541.52 22.33737
519264.40 4263591.52 28.44365 519314.40
4263591.52 25.82414
519364.40 4263591.52 23.56899 519414.40
4263591.52 21.61730
519264.40 4263641.52 27.10404 519314.40
4263641.52 24.71862
519364.40 4263641.52 22.64148 519414.40
4263641.52 20.82822
519264.40 4263691.52 25.69127 519314.40
4263691.52 23.54145
519364.40 4263691.52 21.65325 519414.40
4263691.52 19.99513
519264.40 4263741.52 24.25774 519314.40
4263741.52 22.32741
519364.40 4263741.52 20.62517 519414.40
4263741.52 19.11783
519264.40 4263791.52 22.85078 519314.40
4263791.52 21.11596
519364.40 4263791.52 19.58158 519414.40
4263791.52 18.21719
519264.40 4263841.52 21.49856 519314.40
4263841.52 19.94072
519364.40 4263841.52 18.55035 519414.40
4263841.52 17.31641
519218.01 4263693.29 27.91694 519159.74
4263866.05 24.65341

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
519209.74	4263866.05	22.70962	519259.74	4263866.05	21.00706
519309.74	4263866.05	19.50777	519109.74	4263916.05	24.94910
519159.74	4263916.05	22.98824	519209.74	4263916.05	21.26463
519259.74	4263916.05	19.74243	519309.74	4263916.05	18.38936
519109.74	4263966.05	23.19728	519159.74	4263966.05	21.45895
519209.74	4263966.05	19.92892	519259.74	4263966.05	18.55626
519309.74	4263966.05	17.33922	519109.74	4264016.05	21.63660
519159.74	4264016.05	20.07835	519209.74	4264016.05	18.69894
519259.74	4264016.05	17.46249	519309.74	4264016.05	16.36145
518909.74	4264066.05	27.99854	519109.74	4264066.05	20.25445
519159.74	4264066.05	18.84535	519209.74	4264066.05	17.58637
519259.74	4264066.05	16.46622	518909.74	4264116.05	25.86991
518959.74	4264116.05	23.85870	519009.74	4264116.05	22.05691
519059.74	4264116.05	20.45484	519109.74	4264116.05	19.02404
519159.74	4264116.05	17.74310	519209.74	4264116.05	16.59398

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         518809.74    4264216.05       25.85645                  518859.74
4264216.05       23.97389
         518909.74    4264216.05       22.26808                  518959.74
4264216.05       20.72831
         519009.74    4264216.05       19.32593                  519059.74
4264216.05       18.05109
         518809.74    4264266.05       23.86878                  518859.74
4264266.05       22.23091
         518909.74    4264266.05       20.73576                  518959.74
4264266.05       19.38005
         519009.74    4264266.05       18.13177                  518809.74
4264316.05       22.10152
         518859.74    4264316.05       20.65886                  518909.74
4264316.05       19.34339
         518959.74    4264316.05       18.13471                  518809.74
4264366.05       20.49921
         518859.74    4264366.05       19.24509                  518909.74
4264366.05       18.08019
         518959.74    4264366.05       17.00841                  518809.74
4264416.05       19.05478
         518859.74    4264416.05       17.95858                  518909.74
4264416.05       16.92160
         518959.74    4264416.05       15.97727                  518809.74
4264466.05       17.74058
         518859.74    4264466.05       16.76987                  518909.74
4264466.05       15.86317
         518959.74    4264466.05       15.02759                  518427.21
4264490.34       25.51975
         518477.21    4264490.34       24.37515                  518527.21
4264490.34       23.21811
         518577.21    4264490.34       22.06242                  518627.21
4264490.34       20.91628
         518677.21    4264490.34       19.82012                  518727.21
4264490.34       18.77073
         518427.21    4264540.34       23.25225                  518477.21
4264540.34       22.28534
         518527.21    4264540.34       21.29583                  518577.21
4264540.34       20.29857
         518627.21    4264540.34       19.30340                  518677.21
4264540.34       18.34827
         518727.21    4264540.34       17.41718                  518427.21
4264590.34       21.30809
         518477.21    4264590.34       20.47875                  518527.21
4264590.34       19.62321
         518577.21    4264590.34       18.75557                  518627.21
4264590.34       17.88407
         518677.21    4264590.34       17.04363                  518727.21
4264590.34       16.21985
         518427.21    4264640.34       19.63359                  518477.21
4264640.34       18.90886
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003032 , L0003033 , L0003034 , L0003035 , L0003036 , L0003037 , L0003038 , L0003039 , L0003040 , L0003041 , L0003042 , L0003043 , L0003044 , L0003045 , L0003046 , L0003047 , L0003048 , L0003049 , L0003050 , L0003051 , L0003052 , L0003053 , L0003054 , L0003055 , L0003056 , L0003057 , L0003058 , L0003059 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
518527.21	4264640.34	18.15954	518577.21	4264640.34	17.39925
518627.21	4264640.34	16.64037	518677.21	4264640.34	15.89075
518727.21	4264640.34	15.15179	518427.21	4264690.34	18.16766
518477.21	4264690.34	17.53165	518527.21	4264690.34	16.87149
518577.21	4264690.34	16.19928	518627.21	4264690.34	15.52581
518677.21	4264690.34	14.86260	518727.21	4264690.34	14.19180
517792.98	4264300.53	50.83758	517815.08	4264313.32	48.02463
517869.76	4264338.92	44.04364	517867.43	4264358.69	40.75119
517911.64	4264344.73	43.98243	517823.23	4264366.84	38.48509

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
BCAC	1ST HIGHEST VALUE IS	10.03691	AT	(518628.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	9.85412	AT	(518653.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	9.66369	AT	(518603.99, 4263266.35, 36.00, 36.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	9.61543	AT	(518678.45, 4263269.05, 36.49, 36.49, 0.00)	DC	
	5TH HIGHEST VALUE IS	9.27367	AT	(518703.45, 4263269.05, 37.00, 37.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	9.08519	AT	(518578.72, 4263266.62, 36.00, 36.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	7.70194	AT	(518653.45, 4263244.05, 36.00, 36.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	7.65742	AT	(518628.45, 4263244.05, 36.00, 36.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	7.61233	AT	(518678.45, 4263244.05, 36.49, 36.49, 0.00)	DC	
	10TH HIGHEST VALUE IS	7.51841	AT	(518552.64, 4263264.47, 36.00, 36.00, 0.00)	DC	
DEMO1	1ST HIGHEST VALUE IS	3.34886	AT	(518628.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	3.34148	AT	(518603.99, 4263266.35, 36.00, 36.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	3.32181	AT	(518578.72, 4263266.62, 36.00, 36.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	3.24413	AT	(518653.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	3.17421	AT	(518552.64, 4263264.47, 36.00, 36.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	3.09708	AT	(518678.45, 4263269.05, 36.49, 36.49, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.00723	AT	(518527.91, 4263264.20, 36.00, 36.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	2.93825	AT	(518603.45, 4263244.05, 36.00, 36.00, 0.00)	DC	

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          9TH HIGHEST VALUE IS       2.93111 AT (  518628.45,  4263244.05,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS       2.91971 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC

DGP2      1ST HIGHEST VALUE IS      55.01483 AT (  518678.45,  4263094.05,
36.49,    36.49,    0.00)  DC
          2ND HIGHEST VALUE IS      51.57273 AT (  518678.45,  4263119.05,
36.49,    36.49,    0.00)  DC
          3RD HIGHEST VALUE IS      50.90441 AT (  518703.45,  4263094.05,
37.00,    37.00,    0.00)  DC
          4TH HIGHEST VALUE IS      50.20761 AT (  518703.45,  4263119.05,
37.00,    37.00,    0.00)  DC
          5TH HIGHEST VALUE IS      49.88928 AT (  518678.45,  4263144.05,
36.49,    36.49,    0.00)  DC
          6TH HIGHEST VALUE IS      49.67994 AT (  518703.45,  4263144.05,
37.00,    37.00,    0.00)  DC
          7TH HIGHEST VALUE IS      48.79922 AT (  518703.45,  4263169.05,
37.00,    37.00,    0.00)  DC
          8TH HIGHEST VALUE IS      48.50948 AT (  518678.45,  4263169.05,
36.49,    36.49,    0.00)  DC
          9TH HIGHEST VALUE IS      47.36955 AT (  518703.45,  4263194.05,
37.00,    37.00,    0.00)  DC
         10TH HIGHEST VALUE IS      46.93592 AT (  518678.45,  4263194.05,
36.49,    36.49,    0.00)  DC

DGP3      1ST HIGHEST VALUE IS       5.95238 AT (  517792.98,  4264300.53,
32.00,    32.00,    0.00)  DC
          2ND HIGHEST VALUE IS       5.19535 AT (  517815.08,  4264313.32,
32.00,    32.00,    0.00)  DC
          3RD HIGHEST VALUE IS       3.92940 AT (  517869.76,  4264338.92,
32.54,    32.54,    0.00)  DC
          4TH HIGHEST VALUE IS       3.79059 AT (  517823.23,  4264366.84,
32.00,    32.00,    0.00)  DC
          5TH HIGHEST VALUE IS       3.58526 AT (  517867.43,  4264358.69,
32.46,    32.46,    0.00)  DC
          6TH HIGHEST VALUE IS       3.41877 AT (  517911.64,  4264344.73,
33.00,    33.00,    0.00)  DC
          7TH HIGHEST VALUE IS       1.30673 AT (  517413.37,  4264184.65,
33.90,    33.90,    0.00)  GC  RES
          8TH HIGHEST VALUE IS       1.25675 AT (  517413.37,  4264234.65,
34.00,    34.00,    0.00)  GC  RES
          9TH HIGHEST VALUE IS       1.19546 AT (  517413.37,  4264284.65,
34.00,    34.00,    0.00)  GC  RES
         10TH HIGHEST VALUE IS       1.13585 AT (  517413.37,  4264334.65,
31.50,    31.50,    0.00)  GC  RES
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE	GRID-ID
HAUL1A	1ST HIGHEST VALUE IS	10.26908 AT	(519314.40, 4262891.52, 39.00, 39.00, 0.00)	DC
	2ND HIGHEST VALUE IS	10.26883 AT	(519264.40, 4262891.52, 39.00, 39.00, 0.00)	DC
	3RD HIGHEST VALUE IS	10.01160 AT	(519364.40, 4262891.52, 39.00, 39.00, 0.00)	DC
	4TH HIGHEST VALUE IS	9.46476 AT	(519414.40, 4262891.52, 39.00, 39.00, 0.00)	DC
	5TH HIGHEST VALUE IS	8.47048 AT	(519264.40, 4262941.52, 39.00, 39.00, 0.00)	DC
	6TH HIGHEST VALUE IS	8.40203 AT	(519314.40, 4262941.52, 39.00, 39.00, 0.00)	DC
	7TH HIGHEST VALUE IS	8.13133 AT	(519364.40, 4262941.52, 39.00, 39.00, 0.00)	DC
	8TH HIGHEST VALUE IS	7.65572 AT	(519414.40, 4262941.52, 39.00, 39.00, 0.00)	DC
	9TH HIGHEST VALUE IS	7.09845 AT	(519264.40, 4262991.52, 39.00, 39.00, 0.00)	DC
	10TH HIGHEST VALUE IS	6.99295 AT	(519314.40, 4262991.52, 39.00, 39.00, 0.00)	DC
HAUL1B	1ST HIGHEST VALUE IS	16.34780 AT	(518703.45, 4263094.05, 37.00, 37.00, 0.00)	DC
	2ND HIGHEST VALUE IS	15.94494 AT	(518678.45, 4263094.05, 36.49, 36.49, 0.00)	DC
	3RD HIGHEST VALUE IS	14.86375 AT	(518653.45, 4263094.05, 36.00, 36.00, 0.00)	DC
	4TH HIGHEST VALUE IS	13.85460 AT	(518703.45, 4263119.05, 37.00, 37.00, 0.00)	DC
	5TH HIGHEST VALUE IS	13.52652 AT	(518678.45, 4263119.05, 36.49, 36.49, 0.00)	DC
	6TH HIGHEST VALUE IS	13.21552 AT	(518628.45, 4263094.05, 36.00, 36.00, 0.00)	DC
	7TH HIGHEST VALUE IS	12.77140 AT	(518653.45, 4263119.05, 36.00, 36.00, 0.00)	DC
	8TH HIGHEST VALUE IS	11.98497 AT	(518703.45, 4263144.05, 37.00, 37.00, 0.00)	DC

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          9TH HIGHEST VALUE IS      11.72067 AT (  518678.45,  4263144.05,
36.49,    36.49,    0.00)  DC
         10TH HIGHEST VALUE IS      11.64133 AT (  518628.45,  4263119.05,
36.00,    36.00,    0.00)  DC

HAUL1C    1ST HIGHEST VALUE IS     150.39633 AT (  518678.45,  4263094.05,
36.49,    36.49,    0.00)  DC
          2ND HIGHEST VALUE IS     142.68024 AT (  518678.45,  4263119.05,
36.49,    36.49,    0.00)  DC
          3RD HIGHEST VALUE IS     138.98964 AT (  518678.45,  4263144.05,
36.49,    36.49,    0.00)  DC
          4TH HIGHEST VALUE IS     135.72503 AT (  518678.45,  4263169.05,
36.49,    36.49,    0.00)  DC
          5TH HIGHEST VALUE IS     131.69766 AT (  518678.45,  4263194.05,
36.49,    36.49,    0.00)  DC
          6TH HIGHEST VALUE IS     131.10233 AT (  518703.45,  4263119.05,
37.00,    37.00,    0.00)  DC
          7TH HIGHEST VALUE IS     130.94151 AT (  518703.45,  4263094.05,
37.00,    37.00,    0.00)  DC
          8TH HIGHEST VALUE IS     130.52530 AT (  518703.45,  4263144.05,
37.00,    37.00,    0.00)  DC
          9TH HIGHEST VALUE IS     128.53468 AT (  518703.45,  4263169.05,
37.00,    37.00,    0.00)  DC
         10TH HIGHEST VALUE IS     126.12041 AT (  518678.45,  4263219.05,
36.49,    36.49,    0.00)  DC

HAUL2A    1ST HIGHEST VALUE IS      24.57743 AT (  517792.98,  4264300.53,
32.00,    32.00,    0.00)  DC
          2ND HIGHEST VALUE IS      22.82192 AT (  517815.08,  4264313.32,
32.00,    32.00,    0.00)  DC
          3RD HIGHEST VALUE IS      20.07431 AT (  517869.76,  4264338.92,
32.54,    32.54,    0.00)  DC
          4TH HIGHEST VALUE IS      19.82462 AT (  517911.64,  4264344.73,
33.00,    33.00,    0.00)  DC
          5TH HIGHEST VALUE IS      17.75203 AT (  517867.43,  4264358.69,
32.46,    32.46,    0.00)  DC
          6TH HIGHEST VALUE IS      16.32627 AT (  517823.23,  4264366.84,
32.00,    32.00,    0.00)  DC
          7TH HIGHEST VALUE IS       4.09962 AT (  518427.21,  4264490.34,
37.00,    37.00,    0.00)  DC
          8TH HIGHEST VALUE IS       3.57989 AT (  518427.21,  4264540.34,
37.00,    37.00,    0.00)  DC
          9TH HIGHEST VALUE IS       3.57675 AT (  518477.21,  4264490.34,
37.00,    37.00,    0.00)  DC
         10TH HIGHEST VALUE IS       3.20867 AT (  517413.37,  4264184.65,
33.90,    33.90,    0.00)  GC  RES
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC		RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
HAUL2B	1ST HIGHEST VALUE IS	8.90930	AT	(517792.98, 4264300.53, 32.00, 32.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	8.16494	AT	(517815.08, 4264313.32, 32.00, 32.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	7.03127	AT	(517869.76, 4264338.92, 32.54, 32.54, 0.00)	DC	
	4TH HIGHEST VALUE IS	6.72638	AT	(517911.64, 4264344.73, 33.00, 33.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	6.56402	AT	(517867.43, 4264358.69, 32.46, 32.46, 0.00)	DC	
	6TH HIGHEST VALUE IS	6.53649	AT	(517823.23, 4264366.84, 32.00, 32.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.70319	AT	(518578.72, 4263266.62, 36.00, 36.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	3.68471	AT	(518603.99, 4263266.35, 36.00, 36.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.67793	AT	(518628.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	3.67706	AT	(518552.64, 4263264.47, 36.00, 36.00, 0.00)	DC	
HAUL3	1ST HIGHEST VALUE IS	106.92789	AT	(518703.45, 4263269.05, 37.00, 37.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	68.94691	AT	(518678.45, 4263269.05, 36.49, 36.49, 0.00)	DC	
	3RD HIGHEST VALUE IS	53.23316	AT	(518703.45, 4263244.05, 37.00, 37.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	48.30707	AT	(518653.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	43.35102	AT	(518678.45, 4263244.05, 36.49, 36.49, 0.00)	DC	
	6TH HIGHEST VALUE IS	36.54122	AT	(518628.45, 4263269.05, 36.00, 36.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	34.81586	AT	(518703.45, 4263219.05, 37.00, 37.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	34.58268	AT	(518653.45, 4263244.05, 36.00, 36.00, 0.00)	DC	

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          9TH HIGHEST VALUE IS      30.45380 AT (  518678.45,  4263219.05,
36.49,    36.49,    0.00)  DC
         10TH HIGHEST VALUE IS      28.33904 AT (  518603.99,  4263266.35,
36.00,    36.00,    0.00)  DC

IDLE1     1ST HIGHEST VALUE IS      14.58680 AT (  518628.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          2ND HIGHEST VALUE IS      14.33978 AT (  518603.99,  4263266.35,
36.00,    36.00,    0.00)  DC
          3RD HIGHEST VALUE IS      14.29572 AT (  518653.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          4TH HIGHEST VALUE IS      14.05829 AT (  518578.72,  4263266.62,
36.00,    36.00,    0.00)  DC
          5TH HIGHEST VALUE IS      13.72369 AT (  518678.45,  4263269.05,
36.49,    36.49,    0.00)  DC
          6TH HIGHEST VALUE IS      13.29962 AT (  518552.64,  4263264.47,
36.00,    36.00,    0.00)  DC
          7TH HIGHEST VALUE IS      12.92612 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC
          8TH HIGHEST VALUE IS      12.68170 AT (  518628.45,  4263244.05,
36.00,    36.00,    0.00)  DC
          9TH HIGHEST VALUE IS      12.57354 AT (  518603.45,  4263244.05,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS      12.56792 AT (  518653.45,  4263244.05,
36.00,    36.00,    0.00)  DC

IDLE2     1ST HIGHEST VALUE IS      35.97263 AT (  518653.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          2ND HIGHEST VALUE IS      34.85830 AT (  518628.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          3RD HIGHEST VALUE IS      34.83050 AT (  518678.45,  4263269.05,
36.49,    36.49,    0.00)  DC
          4TH HIGHEST VALUE IS      31.76885 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC
          5TH HIGHEST VALUE IS      31.09722 AT (  518603.99,  4263266.35,
36.00,    36.00,    0.00)  DC
          6TH HIGHEST VALUE IS      28.21876 AT (  518653.45,  4263244.05,
36.00,    36.00,    0.00)  DC
          7TH HIGHEST VALUE IS      28.08481 AT (  518678.45,  4263244.05,
36.49,    36.49,    0.00)  DC
          8TH HIGHEST VALUE IS      27.48521 AT (  518578.72,  4263266.62,
36.00,    36.00,    0.00)  DC
          9TH HIGHEST VALUE IS      27.06234 AT (  518628.45,  4263244.05,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS      26.64016 AT (  518703.45,  4263244.05,
37.00,    37.00,    0.00)  DC
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC			RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)			OF TYPE	GRID-ID
IDLE3	1ST HIGHEST VALUE IS	139.18746	AT	(	518678.45,	4263269.05,	36.49,	36.49,	0.00) DC
	2ND HIGHEST VALUE IS	125.95980	AT	(	518703.45,	4263269.05,	37.00,	37.00,	0.00) DC
	3RD HIGHEST VALUE IS	117.22121	AT	(	518653.45,	4263269.05,	36.00,	36.00,	0.00) DC
	4TH HIGHEST VALUE IS	85.47702	AT	(	518703.45,	4263244.05,	37.00,	37.00,	0.00) DC
	5TH HIGHEST VALUE IS	85.24166	AT	(	518628.45,	4263269.05,	36.00,	36.00,	0.00) DC
	6TH HIGHEST VALUE IS	85.20727	AT	(	518678.45,	4263244.05,	36.49,	36.49,	0.00) DC
	7TH HIGHEST VALUE IS	72.69340	AT	(	518653.45,	4263244.05,	36.00,	36.00,	0.00) DC
	8TH HIGHEST VALUE IS	60.04393	AT	(	518703.45,	4263219.05,	37.00,	37.00,	0.00) DC
	9TH HIGHEST VALUE IS	59.07710	AT	(	518603.99,	4263266.35,	36.00,	36.00,	0.00) DC
	10TH HIGHEST VALUE IS	57.42761	AT	(	518678.45,	4263219.05,	36.49,	36.49,	0.00) DC
IDLE4	1ST HIGHEST VALUE IS	11.90772	AT	(	518653.45,	4263269.05,	36.00,	36.00,	0.00) DC
	2ND HIGHEST VALUE IS	11.84283	AT	(	518678.45,	4263269.05,	36.49,	36.49,	0.00) DC
	3RD HIGHEST VALUE IS	11.77580	AT	(	518628.45,	4263269.05,	36.00,	36.00,	0.00) DC
	4TH HIGHEST VALUE IS	11.57119	AT	(	518703.45,	4263269.05,	37.00,	37.00,	0.00) DC
	5TH HIGHEST VALUE IS	11.30189	AT	(	518603.99,	4263266.35,	36.00,	36.00,	0.00) DC
	6TH HIGHEST VALUE IS	10.86169	AT	(	518578.72,	4263266.62,	36.00,	36.00,	0.00) DC
	7TH HIGHEST VALUE IS	10.47624	AT	(	518678.45,	4263244.05,	36.49,	36.49,	0.00) DC
	8TH HIGHEST VALUE IS	10.45741	AT	(	518653.45,	4263244.05,	36.00,	36.00,	0.00) DC

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          9TH HIGHEST VALUE IS      10.33656 AT (  518703.45,  4263244.05,
37.00,    37.00,    0.00)  DC
         10TH HIGHEST VALUE IS      10.29485 AT (  518628.45,  4263244.05,
36.00,    36.00,    0.00)  DC

IDLE5     1ST HIGHEST VALUE IS      52.47842 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC
          2ND HIGHEST VALUE IS      48.63649 AT (  518678.45,  4263269.05,
36.49,    36.49,    0.00)  DC
          3RD HIGHEST VALUE IS      41.90362 AT (  518653.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          4TH HIGHEST VALUE IS      38.51512 AT (  518703.45,  4263244.05,
37.00,    37.00,    0.00)  DC
          5TH HIGHEST VALUE IS      35.67215 AT (  518678.45,  4263244.05,
36.49,    36.49,    0.00)  DC
          6TH HIGHEST VALUE IS      34.97506 AT (  518628.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          7TH HIGHEST VALUE IS      31.42314 AT (  518653.45,  4263244.05,
36.00,    36.00,    0.00)  DC
          8TH HIGHEST VALUE IS      29.55274 AT (  518703.45,  4263219.05,
37.00,    37.00,    0.00)  DC
          9TH HIGHEST VALUE IS      28.27450 AT (  518603.99,  4263266.35,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS      27.43498 AT (  518678.45,  4263219.05,
36.49,    36.49,    0.00)  DC

PAV       1ST HIGHEST VALUE IS      17.26157 AT (  518678.45,  4263269.05,
36.49,    36.49,    0.00)  DC
          2ND HIGHEST VALUE IS      15.98034 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC
          3RD HIGHEST VALUE IS      15.57155 AT (  518653.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          4TH HIGHEST VALUE IS      15.54266 AT (  518628.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          5TH HIGHEST VALUE IS      15.02360 AT (  518578.72,  4263266.62,
36.00,    36.00,    0.00)  DC
          6TH HIGHEST VALUE IS      14.85746 AT (  518603.99,  4263266.35,
36.00,    36.00,    0.00)  DC
          7TH HIGHEST VALUE IS      14.49659 AT (  518552.64,  4263264.47,
36.00,    36.00,    0.00)  DC
          8TH HIGHEST VALUE IS      14.19189 AT (  518527.91,  4263264.20,
36.00,    36.00,    0.00)  DC
          9TH HIGHEST VALUE IS      13.14188 AT (  518503.63,  4263264.09,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS      11.77910 AT (  518578.45,  4263244.05,
36.00,    36.00,    0.00)  DC
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC			RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)			OF TYPE	GRID-ID
SPG	1ST HIGHEST VALUE IS	13.82658	AT (	518653.45,	4263269.05,	36.00,	36.00,	0.00)	DC
	2ND HIGHEST VALUE IS	13.81354	AT (	518678.45,	4263269.05,	36.49,	36.49,	0.00)	DC
	3RD HIGHEST VALUE IS	13.72411	AT (	518628.45,	4263269.05,	36.00,	36.00,	0.00)	DC
	4TH HIGHEST VALUE IS	13.65891	AT (	518703.45,	4263269.05,	37.00,	37.00,	0.00)	DC
	5TH HIGHEST VALUE IS	12.85820	AT (	518603.99,	4263266.35,	36.00,	36.00,	0.00)	DC
	6TH HIGHEST VALUE IS	12.50906	AT (	518578.72,	4263266.62,	36.00,	36.00,	0.00)	DC
	7TH HIGHEST VALUE IS	11.39065	AT (	518552.64,	4263264.47,	36.00,	36.00,	0.00)	DC
	8TH HIGHEST VALUE IS	10.41061	AT (	518527.91,	4263264.20,	36.00,	36.00,	0.00)	DC
	9TH HIGHEST VALUE IS	9.65285	AT (	518678.45,	4263244.05,	36.49,	36.49,	0.00)	DC
	10TH HIGHEST VALUE IS	9.61705	AT (	518653.45,	4263244.05,	36.00,	36.00,	0.00)	DC
FOUND	1ST HIGHEST VALUE IS	10.87078	AT (	518628.45,	4263269.05,	36.00,	36.00,	0.00)	DC
	2ND HIGHEST VALUE IS	10.77770	AT (	518653.45,	4263269.05,	36.00,	36.00,	0.00)	DC
	3RD HIGHEST VALUE IS	10.58448	AT (	518678.45,	4263269.05,	36.49,	36.49,	0.00)	DC
	4TH HIGHEST VALUE IS	10.39119	AT (	518603.99,	4263266.35,	36.00,	36.00,	0.00)	DC
	5TH HIGHEST VALUE IS	10.28668	AT (	518703.45,	4263269.05,	37.00,	37.00,	0.00)	DC
	6TH HIGHEST VALUE IS	9.69202	AT (	518578.72,	4263266.62,	36.00,	36.00,	0.00)	DC
	7TH HIGHEST VALUE IS	8.68594	AT (	518653.45,	4263244.05,	36.00,	36.00,	0.00)	DC
	8TH HIGHEST VALUE IS	8.63352	AT (	518678.45,	4263244.05,	36.49,	36.49,	0.00)	DC

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          9TH HIGHEST VALUE IS       8.57852 AT (  518628.45,  4263244.05,
36.00,    36.00,    0.00)  DC
         10TH HIGHEST VALUE IS       8.45664 AT (  518703.45,  4263244.05,
37.00,    37.00,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     527.43776 AT (  518678.45,  4263269.05,
36.49,    36.49,    0.00)  DC
          2ND HIGHEST VALUE IS     518.40556 AT (  518703.45,  4263269.05,
37.00,    37.00,    0.00)  DC
          3RD HIGHEST VALUE IS     429.68020 AT (  518678.45,  4263244.05,
36.49,    36.49,    0.00)  DC
          4TH HIGHEST VALUE IS     427.42780 AT (  518703.45,  4263244.05,
37.00,    37.00,    0.00)  DC
          5TH HIGHEST VALUE IS     419.44902 AT (  518653.45,  4263269.05,
36.00,    36.00,    0.00)  DC
          6TH HIGHEST VALUE IS     376.93368 AT (  518703.45,  4263219.05,
37.00,    37.00,    0.00)  DC
          7TH HIGHEST VALUE IS     376.68826 AT (  518678.45,  4263219.05,
36.49,    36.49,    0.00)  DC
          8TH HIGHEST VALUE IS     344.24105 AT (  518678.45,  4263194.05,
36.49,    36.49,    0.00)  DC
          9TH HIGHEST VALUE IS     344.07895 AT (  518703.45,  4263194.05,
37.00,    37.00,    0.00)  DC
         10TH HIGHEST VALUE IS     341.77966 AT (  518628.45,  4263269.05,
36.00,    36.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1226 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 694 Calm Hours Identified

A Total of 532 Missing Hours Identified (1.21 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 9532 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 9532 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
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