IMPORTANT NOTE: Only plants from this list should be added to vegetated LID features. If your project includes corrective actions involving planting, please choose species from this list. Any desired variances need approval from the Regional Water Quality Control Board. The City can conduct a site visit with you to discuss your specific site if you are unsure what to plant. If you do not have corrective actions involving plant installation, then this list is included for your reference for any future infill planting of the LID feature.

Vegetated LID features should have a minimum of 50% vegetative cover at maturity (usually about 3 years after installation). While trees are valuable in LID features and the broader landscape for many reasons, trees do not count towards the 50% vegetative cover. Only plants on the Grasses and Grass-like Plants, Herbaceous Plants, and Shrubs list below count towards total vegetative cover.

Botanical Name	Common Name	Native	Low Zone (Riparian)	Mid Zone (Meadowland)	High Zone (Upland)	Vegetated Swales	Bioretention	Extended Detention Basin	Vegetated Buffer	Constructed Wetland	Tolerates Saturation	Drought Tolerant	WUCOLS (IV)[1]	Likely WUCOLS[1] if not rated	Other Notes
Grasses and Grass-like Plants															
Agrostis exarata	spike bentgrass	Yes		X	X	Yes		Yes	Yes				NR	M	
Alopecurus aequalis	short awn foxtail	Yes	X	X		Yes		Yes					NR	M	
Alopecurus saccatus	Pacific foxtail	Yes	X	X		Yes		Yes					NR	M	
Bromus carinatus	California brome	Yes		X	X	Yes	Yes		Yes				NR	L	
Carex barbarae	Santa Barbara sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	M		Not for full sun
Carex brevicaulis	short stem sedge	Yes		X	X	Yes	Yes	Yes	Yes			Yes	M		Short turf-like growth habit
Carex densa	dense sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex deweyanna	Dewey sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex divulsa	Berkeley sedge	No	X	X		Yes	Yes	Yes	Yes		Yes	Yes	M		Not a native. Mistakenly sold as the native C. tumulicola
Carex obnupta	slough sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex pansa	California meadow sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	M		
Carex praegracilis	clustered field sedge	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	M		Low growing, mat-like. Tolerates mowing and disturbed habitats
Carex rupestris	curly sedge	No	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex spissa	San Diego sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex stipata	sawbeak sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex subfusca	rusty sedge	No	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex testacea	New Zealand orange sedge	No	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Carex tumulicola	foothill sedge	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		
Carex vesicaria	inflated sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Chondropetalum tectorum	cape rush	No	X	X		Yes	Yes	Yes	Yes	Yes	Yes	Yes			Grows in erect clumps, wet or dry conditions. Similar to native *Juncus*
Cyperus eragrostis	tall flatsedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		Very easy to grow, can spread rapidly. High water usage
Cyperus erythrorhizos	red rooted cyperus	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		Very easy to grow, can spread rapidly. High water usage
Cyperus esculentus	chufa sedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		Very easy to grow, can spread rapidly. High water usage
Cyperus squarrosus	bearded flatsedge	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		Very easy to grow, can spread rapidly. High water usage
Deschampsia danthonoides	annual hairgrass	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes		NR	L	Can tolerate saturation if top soil layer drains
Deschampsia cespitosa	tufted hairgrass	Yes		X	X	Yes	Yes	Yes	Yes		Yes		L		Can tolerate saturation if top soil layer drains
Distichlis spicata	salt grass	Yes	X	X		Yes		Yes	Yes	Yes			L		
Eleocharis acicularis	needle spike rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		
Eleocharis macrostachya	creeping spike rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		
Eleocharis ovata	ovate spike rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		
Eleocharis palustris	creeping spike rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		H		
Elymus cinereus	basin wild rye	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		Large, dense clumping grass. Deep root system for soil stabilization
Elymus condensatus	giant wildrye	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	VL		Large bunchgrass 3-6 ft tall, very drought tolerant. Low water use
Elymus glaucus	blue wild rye	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		
Elymus triticoides	creeping wild rye	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		Synonym: *Leymus triticoides*
Elymus multisetus	big squirreltail	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	VL		Drought tolerant, full sun, well drained soils

Botanical Name	Common Name	Native	Low Zone (Riparian)	Mid Zone (Meadowland)	High Zone (Upland)	Vegetated Swales	Bioretention	Extended Detention Basin	Vegetated Buffer	Constructed Wetland	Tolerates Saturation	Drought Tolerant	WUCOLS (IV)[1]	Likely WUCOLS[1] if not rated	Other Notes
Grasses and Grass-like Plants															
Festuca californica	California fescue	Yes			X	Yes	Yes	Yes	Yes			Yes	L		Can tolerate saturation if top soil layer drains
Festuca glauca	blue fescue	No	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		Fast growing, drought and heat tolerant
Festuca idahoensis	blue bunchgrass	Yes			X	Yes	Yes	Yes	Yes		Yes	Yes	VL		Can tolerate saturation if top soil layer drains
Festuca rubra	red fescue	Yes			X	Yes	Yes	Yes	Yes		Yes	Yes	L		Can be mowed as turf alternative. Can tolerate saturation if top soil layer drains
Glyceria occidentalis	western mannagrass	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	NR	H	
Hordeum brachyantherum	meadow barley	Yes		X	X	Yes	Yes	Yes	Yes	Yes			NR	L	Can tolerate saturation if top soil layer drains
Juncus balticus	Baltic rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes			NR	M	
Juncus bufonis	toad rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		NR	M	
Juncus effusus	Pacific rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		M		
Juncus ensofolius	dagger leaf rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		NR	M	
Juncus patens	blue rush	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		May not need summer irrigation after establishment
Juncus phaeocephalus	brown headed rush	Yes	X			Yes	Yes	Yes	Yes	Yes	Yes		H		Low lying areas with abundant water needed
Juncus tenuis	slender rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes	Yes	NR	M	
Juncus xiphiodes	iris-leaved rush	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		NR	M	
Lomandra longifolia	spiny headed mat rush	No	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes		L	Easily grown, often readily available in nurseries
Melica californica	California melic	Yes			X	Yes	Yes	Yes	Yes		Yes	Yes	NR	L	Low or very low water use in other regions
Melica imperfecta	small flowered melic	Yes			X	Yes	Yes	Yes	Yes		Yes	Yes	VL		Can tolerate saturation if top soil layer drains
Muhlenbergia rigens	deergrass	Yes			X	Yes	Yes	Yes	Yes			Yes	L		
Phalaris californica	California canary grass	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes		M		
Pleuropogon californicus	semaphore grass	Yes	X	X		Yes				Yes			NR	H	
Schoenoplectus americanus	three square	Yes	X					Yes		Yes	Yes		NR	H	
Schoenoplectus californicus	California bulrush	Yes	X					Yes		Yes	Yes		NR	H	
Stipa lepida	foothill needlegrass	Yes			X	Yes		Yes	Yes			Yes	VL		Synonym: *Nassella lepida*
Stipa pulchra	purple needlegrass	Yes			X	Yes		Yes	Yes			Yes	VL		Synonym: *Nassella pulchra*
Typha angustifolia	narrowleaf cattail	Yes	X					Yes		Yes	Yes		NR	H	
Typha latifolia	cattail	Yes	X					Yes		Yes	Yes		NR	H	

Botanical Name	Common Name	Native	Low Zone (Riparian)	Mid Zone (Meadowland)	High Zone (Upland)	Vegetated Swales	Bioretention	Extended Detention Basin	Vegetated Buffer	Constructed Wetland	Tolerates Saturation	Drought Tolerant	WUCOLS[1]	Likely WUCOLS[1] if not rated	Other Notes
Herbaceous Plants															
Achilea millefolium	CA Native cultivars	Yes		X	X	Yes	Yes					Yes	L		
Achilea millefolium	non-native cultivars	No		X	X	Yes	Yes						M		
Asclepias eriocarpa	Indian milkweed	Yes	X	X		Yes	Yes	Yes		Yes	Yes	Yes	VL		Important pollinator for monarch butterflies. Large clusters of flowers
Asclepias fascicularis	narrowleaf milkweed	Yes	X	X		Yes	Yes	Yes		Yes	Yes	Yes	VL		Important pollinator for monarch butterflies. Large clusters of flowers
Asclepias speciosa	showy milkweed	Yes	X	X		Yes	Yes	Yes		Yes	Yes	Yes	VL		Important pollinator for monarch butterflies. Large clusters of flowers
Aster sp.	aster	-		X	X	Yes	Yes		Yes				M		
Athyrium filix-femina	lady fern	Yes		X	X	Yes	Yes		Yes				M		For use in shade only
Blechnum spicant	deer fern	Yes		X	X	Yes	Yes	Yes	Yes			Yes	L		For use in shade only
Bulbine frutescens	stalked bulbine	No		X	X	Yes	Yes	Yes	Yes		Yes	Yes	L		Easily grown, heat and drought tolerant. Attracts bees and insects
Camassia leichtilinii	camas lily	Yes	X	X		Yes	Yes	Yes					NR	M	
Camassia quamash	common camas	Yes	X	X		Yes	Yes	Yes					M		
Epilobium canum	California fuschia	Yes			X	Yes	Yes		Yes*			Yes	L		
Erigeron glaucus	seaside daisy	Yes	X	X	X	Yes	Yes	Yes		Yes	Yes	Yes	VL		Very low water needs, long flowering season. Important pollinator
Eriogonum grande var. rubescens	red flower buckwheat	Yes			X	Yes	Yes					Yes			
Eriogonum fasciculatum	flattop buckwheat	Yes			X	Yes	Yes					Yes	L		
Eriophyllum lanatum	wooly sunflower	Yes	X	X	X	Yes	Yes	Yes		Yes	Yes	Yes	VL		Prefers slopes. Bright, large yellow flowers. Very low water usage
Eschscholzia californica	California poppy	Yes			X	Yes	Yes					Yes	VL		
Fragaria chiloensis	beach strawberry	Yes			X	Yes	Yes		Yes		Yes	Yes	M		
Fragaria vesca	woodland strawberry	Yes	X	X		Yes	Yes				Yes	Yes		M	Prefers shade with moderate moisture. Produces sweet, edible fruit
Grindelia camporum	Great Valley gum plant	Yes	X	X	X	Yes	Yes				Yes	Yes	VL		Readily grows, withstands disturbance. Bright flowers, low water needs
Grindelia stricta	coastal gum plant	Yes	X	X	X	Yes	Yes				Yes	Yes	M		Bright, beautiful yellow flowers. Moderate water requirements
Heuchera sp.	alum root	Yes	X	X	X	Yes	Yes				Yes	Yes	M		atractive bright folliage. Coral Bells is common cultivar
Iris douglasiana	Douglas iris	Yes		X	X	Yes	Yes		Yes		Yes	Yes	L		
Lupinus bicolor	miniature lupine	Yes			X	Yes	Yes		Yes		Yes	Yes	NR	L	Tolerates saturation in winter only
Lupinus polyphyllus	large leaf lupine	Yes		X	X	Yes	Yes		Yes		Yes		H		similar to Russell hybrids
Mimulus spp.	seep monkey flower	Yes	X	X		Yes		Yes		Yes	Yes		L		cultivars like Jelly Bean are accepted
Monardella villosa	coyote mint	Yes	X	X	X	Yes	Yes				Yes	Yes	VL		drought tolerant, full sun to part shade, important pollinator plant
Penstemon heterophyllus	foothill penstemon	Yes	X	X	X	Yes	Yes			Yes		Yes	VL		Beautiful bright purple flowers. Upright, 3 ft tall with woody base
Polypodium californicum	California polypody	Yes		X	X	Yes	Yes		Yes			Yes	VL		
Polypodium glycrrhiza	licorice fern	Yes		X	X	Yes	Yes		Yes			Yes	NR	L	
Polystichum californicum	California sword fern	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	M		
Polystichum munitum	western sword fern	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes		M		
Pteridium aquilinum	bracken fern	Yes		X	X	Yes	Yes	Yes	Yes				NR	M	
Satureja douglasii	yerba buena	Yes	X	X		Yes	Yes				Yes	Yes	L		full shade to partial sun required, grows in low lying mats
Sisyrinchium bellum	blue-eyed grass	Yes			X	Yes	Yes		Yes		Yes	Yes	VL		
Sisyrinchium californicum	yellow-eyed grass	Yes		X	X	Yes	Yes		Yes		Yes		M		
Solidago velutina ssp. Californica	California goldenrod	Yes	X	X	X	Yes	Yes		Yes		Yes	Yes	L		vigorous grower, drought tolerant, bright golden yellow flowers
Veronica liwanensis	speedwell	Yes			X	Yes	Yes		Yes				M		

Botanical Name	Common Name	Native	Low Zone (Riparian)	Mid Zone (Meadowland)	High Zone (Upland)	Vegetated Swales	Bioretention	Extended Detention Basin	Vegetated Buffer	Constructed Wetland	Tolerates Saturation	Drought Tolerant	WUCOLS[1]	Likely WUCOLS[1] if not rated	Other Notes
Shrubs															
Acmispon glaber	deerweed	Yes			X	Yes	Yes		Yes			Yes	VL		Formerly known as *Lotus scoparius*
Amelanchier alnifolia	western serviceberry	Yes											M		
Arctostaphylos spp	manzanita	Yes	X	X	X		Yes		Yes			Yes	VL		Hybrids are considered low water-use
Artemisia douglasiana	mugwort	Yes	X	X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		Fragrant, vigorous growing. Full sun. Winter deciduous
Baccharis pillularis	coyote brush	Yes		X	X	Yes	Yes		Yes			Yes	L		
Baccharis salicifolia	mulefat	Yes		X	X	Yes	Yes	Yes	Yes	Yes	Yes	Yes	L		
Berberis aquifolium	Oregon grape	Yes		X	X	Yes	Yes		Yes				M		Variety repens is considered low water-use
Berberis pinnata	California barberry	Yes			X	Yes	Yes		Yes			Yes	L		Formerly known as *Mahonia pinnata*
Calycanthus occidentalis	Western spicebush	Yes		X	X	Yes	Yes		Yes		Yes	Yes	L		
Ceanothus sp	California lilac	Yes			X	Yes			Yes			Yes	L		Most species and cultivars ore considered low water-use
Cephalanthus occidentalis	California buttonbush	Yes	X			Yes	Yes	Yes		Yes	Yes		N		Very east to grow, higher water requirements. Winter deciduous
Cercis occidentalis	redbud	Yes			X	Yes			Yes			Yes	VL		
Cornus sp	dogwood	-		X	X	Yes	Yes	Yes	Yes		Yes	Yes	M		
Cornus sericea	dogwood	Yes		X	X	Yes	Yes	Yes	Yes		Yes		H		
Cornus stolonifera	redtwig dogwood	Yes		X		Yes	Yes	Yes	Yes		Yes		H		
Frangula californica	coffee berry	Yes			X	Yes			Yes			Yes	L		Also known as Rhamnus californica
Garrya spp.	silktassel	Yes		X	X	Yes	Yes	Yes		Yes	Yes	Yes	L		Neatly growing shrub, common landscape plant. Drought tolerant
Hebe 'Autumn Glory'	hebe	No		X	X	Yes	Yes		Yes				M		
Helianthemum spp.	rock rose	No		X	X	Yes	Yes			Yes		Yes	L		Only perennial cultivars accepted. Bright display of flowers. Low water
Heteromeles arbutifolia	toyon	Yes		X	X	Yes	Yes		Yes		Yes	Yes	L		
Holodiscus discolor	ocean spray	Yes			X	Yes	Yes		Yes			Yes	L		
Lavandula spp.	lavender	No	X	X	X	Yes	Yes				Yes	Yes	L		Fragrant shrub. Strong pollinator. Widely available. Low water usage.
Lonicera involucrata	twinberry	Yes			X	Yes	Yes					Yes	L		similar to L. hispidula
Mimulus aurantiacus	sticky monkey flower	Yes		X	X	Yes	Yes	Yes	Yes		Yes		VL		
Mimulus cardinalis	scarlet monkey flower	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	L		
Morella californica	wax myrtle	Yes			X	Yes	Yes		Yes			Yes	M		Formerly known as *Myrica californica*
Oemleria cerasiformis	Indian plum	Yes		X	X	Yes	Yes		Yes				M		
Philadelphus lewisii	mock orange	Yes		X	X	Yes	Yes		Yes				M		
Philadelphus mexicanus	evergreen mock orange	Yes		X	X	Yes	Yes		Yes				L		
Physocarpus capitatus	Pacific ninebark	Yes		X	X	Yes	Yes		Yes			Yes	NR	L	
Ribes aureum	golden currant	Yes		X	X	Yes			Yes			Yes	L		
Ribes sanguineum	red flowering currant	Yes		X	X	Tes			Yes			Yes	L		
Rosa californica	California wild rose	Yes		X	X	Yes	Yes		Yes			Yes	L		
Rosa nutkana	Nootka rose	Yes		X	X	Yes	Yes		Yes			Yes	L		
Rosemarinus officinalis	rosemary	No			X	Yes			Yes*			Yes	L		
Rubus ursinus	California blackberry	Yes		X	X	Yes			Yes			Yes	L		
Salvia apiana	white sage	Yes		X	X	Yes	Yes				Yes	Yes	L		California native sage, drought tolerant
Saliva 'Bee's Bliss'	bee's bliss sage	No		X	X	Yes	Yes				Yes	Yes	L		Nursery cultivar sage, drought tolerant. Great pollinator.
Salvia clevelandii	Cleveland sage	Yes			X	Yes			Yes*			Yes	L		California native sage, drought tolerant
Salvia leucophylla	spreading sage	Yes		X	X	Yes	Yes				Yes	Yes	L		California native sage, drought tolerant
Slavia mellifera	black sage	Yes		X	X	Yes	Yes				Yes	Yes	L		California native sage, drought tolerant
Salvia microphylla	baby sage	No		X	X	Yes	Yes				Yes	Yes	L		Common cultivar widely available, drought tolerant, non-invasive
Salvia sonomensis	Sonoma sage	Yes		X	X	Yes	Yes				Yes	Yes			California native sage, drought tolerant
Salvia spathaecea	hummingbird sage	Yes		X	X	Yes	Yes				Yes	Yes			
Salvia ulginosa	bog sage	No		X	X	Yes	Yes				Yes	Yes	M		

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Shrubs															
Sambucus cerulea	blue elderberry	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	L		
Sambucus mexicana	western elderberry	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	L		
Sambucus racemosa	red elderberry	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	L		
Spirea douglasii	Douglas spirea	Yes				Yes	Yes		Yes			Yes	M		
Symphoricarpos albus	snowberry	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	M		For use in shade only
Teucrium futicans	bush germander	No	X	X		Yes	Yes			Yes			L		great insect pollinator, grows 3-4 ft as evergreen shrub
Viburnum edule	highbush cranberry	Yes	X	X	X	Yes	Yes	Yes	Yes		Yes	Yes	NR	L	

Botanical Name	Common Name	Native	Low Zone (Riparian)	Mid Zone (Meadowland)	High Zone (Upland)	Vegetated Swales	Bioretention	Extended Detention Basin	Vegetated Buffer	Constructed Wetland	Tolerates Saturation	Drought Tolerant	Street Tree	WUCOLS[1]	Other Notes
Trees															
Acer buergerianum	Trident maple	No			X	Yes			Yes				Yes	M	2-3' planter
Acer campestre	Hedge maple	No			X	Yes			Yes				Yes	M	2-3' planter
Acer circinatum	vine maple	Yes	X	X	X	Yes	Yes		Yes		Yes		No	M	
Acer davidii	David's maple	No		X	X	Yes	Yes		Yes		Yes		Yes	M	2-3' planter
Acer fremanii	Freeman's maple	No			X	Yes	Yes		Yes			Yes	Yes	M	5-6' planter
Acer ginnala	Amur maple	No			X	Yes	Yes		Yes				Yes	M	2-3' planter
Acer macrophylum	Big leaf maple	Yes			X	Yes	Yes		Yes		Yes		No	M	
Acer pseudoplatanus	Sycamore maple	No			X	Yes	Yes		Yes				Yes	M	5-6' planter
Acer rubrum	Red maple	No			X	Yes	Yes		Yes				Yes	M	3-4' planter
Acer negundo 'Flamingo'	flamingo box elder	Yes			X	Yes	Yes		Yes				Yes	M	2-3' planter
Aesculus californica	California buckeye	Yes		X	X	Yes	Yes	Yes	Yes		Yes	Yes	Yes	VL	8' planter
Aesculus carnea	Red horsechestnut	No			X	Yes	Yes		Yes				Yes	M	4-5' planter
Alnus cordata	Italian alder	No		X	X	Yes	Yes		Yes				Yes	M	?
Carpinus betulus	various cultivars	No		X	X	Yes	Yes		Yes				Yes	M	3-4' planter
Cercis canadensis	eastern redbud	No		X	X	Yes	Yes		Yes				Yes	M	2-3' planter
Cercis canadensis 'texensis'	Texas redbud	No		X	X	Yes	Yes		Yes			Yes	Yes	M	2-3' planter
Cercis occidentalis	western redbud	Yes		X	X	Yes	Yes		Yes			Yes	Yes	VL	2-3' planter
Crataegus phaenopyrum	Washington thorn	No			X	Yes	Yes		Yes				Yes	M	possibly invasive
Fraxinus latifolia	Oregon ash	Yes	X	X		Yes	Yes	Yes	Yes	Yes	Yes		Yes	M	
Magnolia grandiflora	Little gem' or 'St. Mary'	No			X	Yes	Yes		Yes				Yes	M	3-4' planter
Magnolia grandiflora	Samuel Somner' or 'Russet'	No			X	Yes	Yes		Yes				Yes	M	6-8' planter
Metasequoia glyptostroboides	Dawn redwood	No		X	X	Yes	Yes		Yes				Yes	H	8' planter only
Platanus racemosa	western sycamore	Yes	X	X		Yes	Yes		Yes		Yes			M	
Populus fremontii	Fremont's cottonwood	Yes	X	X	X	Yes	Yes		Yes				Yes	M	8' planter only
Pyrus calleryana	Flowering pear	No			X	Yes	Yes		Yes				Yes	M	need to specify varieties
Quercus agrifolia	Coast live oak	Yes		X	X	Yes	Yes		Yes				Yes	VL	8' planter only
Quercus garyana	Oregon white oak	Yes		X	X				Yes		Yes	Yes	No	L	
Quercus kelloggii	black oak	Yes		X	X	Yes	Yes		Yes		Yes	Yes	Yes	L	
Quercus lobata	Valley oak	Yes		X	X	Yes	Yes		Yes		Yes	Yes	Yes	L	8' planter only
Quercus suber	Cork oak	No			X	Yes	Yes		Yes		Yes	Yes	Yes	L	6-8' planter
Salix laevigata	Red willow	Yes	X	X	X	Yes	Yes		Yes		Yes	Yes	No	H	
Salix lasiolepis	Arroyo willow	Yes	X	X	X	Yes	Yes		Yes		Yes	Yes	No	H	
Salix lucida ssp. Lasiandra	Shining willow	Yes	X	X	X	Yes	Yes		Yes		Yes	Yes	No	H	
Washingtonia robusta	Mexican fan palm	Yes		X	X	Yes	Yes		Yes			Yes	Yes	L	5-6' planter, possibly other species should be explored

[1] WUCOLS = Water Use Classification of Landscape Species (https://wucols.ucdavis.edu/)

WUCOLS IRRIGATION WATER NEEDS

Category	Abbreviation
High	H
Moderate	M
Low	L
Very Low	VL
Not Approprate for Region	NA
Not Rated/Unknown	NR