

Project Benefits

The Town of Windsor's Geysers Connection Project comes with many benefits, including:

- Ensuring the Town's current and future compliance with environmental regulations.
- Providing a weather-independent, environmentally responsible method for recycled water reuse.
- Producing a negative net carbon footprint. The amount of green energy produced at the geothermal plant using the Town's recycled water will outweigh the energy consumed by the project.
- Fiscal responsibility and cost-effectiveness. The Town is committed to minimizing impacts on ratepayers.

"Windsor is now part of a safe, reliable and environmentally advanced method of treated wastewater reuse."

—Steve Allen, Mayor



These pumps provide a critical boost to tying into the Geyser's pipeline.

Pump Station & Pipeline Facts

- Initially, Windsor will send 194 million gallons annually to the Geysers
- Control centers for the pump station and the Geysers system are linked by 78,000 feet of fiber optic cable and remote radio telemetry
- Operation of pump station is automated or can be controlled remotely from Santa Rosa's Geysers Operation Center.

Thanks to these organizations and their employees who made this project a reality.

Design Engineers and Construction Managers:
RMC Water and Environment, in conjunction with Winzler and Kelly Consulting Engineers

Construction Contractor: K.G. Walters

Town Staff: Richard Bartlett, Richard Burtt, Matt Froneberger and Craig Scott

City of Santa Rosa Staff: Dan Carlson and Mike Sherman

Project Communications: Data Instincts

For more information about the Geysers Connection Project and other recycled water projects, visit **www.WindsorWaterRecycling.com**

TOWN OF WINDSOR

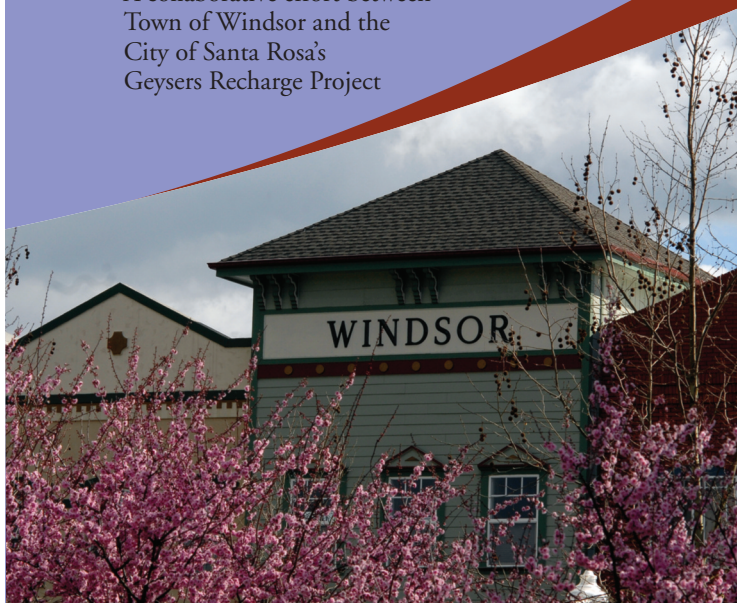
8400 Windsor Road, Windsor, CA 95492-0100

A Powerful Connection



An Environmentally Friendly and Sustainable Solution that is Generating Clean Energy

A collaborative effort between Town of Windsor and the City of Santa Rosa's Geysers Recharge Project

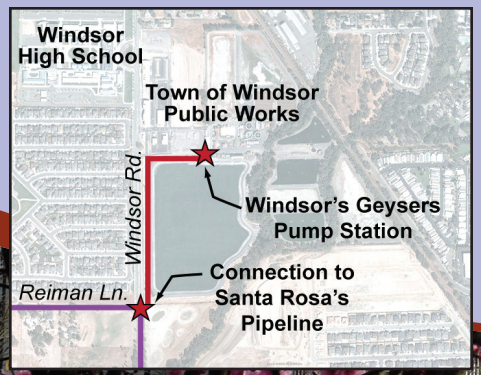


Geysers Connection Project

The Geysers Connection Project is a collaborative effort between two cities and private industry. Connecting to Santa Rosa's Geysers Recharge Project pipeline allows the Town of Windsor to initially send an average of 500,000 gallons per day of its highly-treated recycled water to the Geysers Steamfields where it is used to generate clean energy.

The project includes a pump station and approximately 1,700 feet of 12-inch diameter pipeline connecting Windsor's Water Reclamation Treatment Plant to the Geysers pipeline. The project has the capacity to send over one million gallons per day of recycled water to the Geysers in the future.

Before the Geysers Connection Project, all recycled water that was not used for irrigation had to be discharged into Mark West Creek during wet-weather months. Taking advantage of the opportunity to tap into Santa Rosa's Geysers Recharge Project provides the Town with a more flexible option and ensures continued compliance with its discharge permit.





What is the Geysers Recharge Project?

In 1998, the City of Santa Rosa entered into a 30-year agreement with a consortium of geothermal companies to supply highly treated recycled water from the Laguna Subregional Wastewater Treatment Plant for injection at the Geysers. The Geysers Recharge Project involved the construction of a 41-mile pipeline, four pump stations, a terminal reservoir, and associated control/communication systems. The pipeline route for the Geysers Recharge Project passes through Windsor west of US Highway 101. In July 2008, the 1998 agreement was amended, anticipating increased flows including Windsor's for an additional 30 years. Today, Santa Rosa pumps about 13 MGD of recycled water to the Geysers where it is used to create enough green energy for approximately 100,000 homes. For more information visit SRCity.org/geysersproject.

Other Uses of Recycled Water

In addition to the sending water to the Geysers Steamfields, the Town of Windsor is a leader among communities nationwide in the use of highly-treated recycled water for the irrigation of agricultural lands, recreational facilities, schools and residential front and back yards, which saves millions of gallons a year of precious fresh water for drinking and other human uses. Here are just some of the places in and around Windsor that you will find recycled water being used:

- Vintage Greens Neighborhood
- Wilson Ranch Soccer Park
- Windsor Golf Course
- Windsor High School
- SRJC's Shone Farm
- Various agricultural interests





