

NEWS RELEASE

For immediate release

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Ribbon Cutting Celebrates Facility Upgrades and District Milestones

The Pump Station 14 (Larkspur) event marks the end of an era of accelerated capital projects with completion of PS 14 upgrades and RVSD's statewide "Small Collection System of the Year" award.

LARKSPUR, CA, July 21, 2023 – Community members and local officials gathered with Ross Valley Sanitary District (RVSD) to celebrate the completion of upgrades at Pump Station 14 in Larkspur. The event took place on July 19 at the pump station on Doherty Drive, next to Hall Middle School.

"The Pump Station 14 project replaces outdated infrastructure to enhance reliability, efficiency and improve performance during wet weather and power outages," said Steve Moore, RVSD General Manager. "We appreciate the support received from the School District and the local community to complete these necessary upgrades. In addition, the project includes a highly effective odor control system which is good news for the adjacent middle school."

"We appreciate the effort RVSD staff made to work closely with us throughout the construction process," said Erik vonBlankenburg, Facilities Director for Larkspur Corte Madera School District. "As a result, we hardly knew they were there, and the updated facility looks great."

As the last capital project required by the Water Board's Cease and Desist Order, completion of Pump Station 14 (Larkspur) marks the end of an era of accelerated capital projects over the past ten years. Pump station upgrades include a new standby power generator, upgraded pump and level controls, an innovative and effective odor control system, new roof and more. Ratepayer-funded projects such as this are identified and completed to protect public health and the environment by keeping wastewater flowing to the treatment plant and reducing the risk of sewer overflows.

The event also recognized an award granted to RVSD by the California Water Environment Association (CWEA). The "Wastewater Collection System of the Year" award was earned in the category of "small system" this past April. RVSD was selected as the top sewer system in the state in 2022 from the many systems less than 250 miles in length.

Established in 1899 – Ross Valley Sanitary District (the District) is believed to be California’s oldest sanitary district, with approximately 60% of the collection system having been installed prior to 1955. Located in central Marin County, the District service area includes Fairfax, San Anselmo, Ross, Larkspur, Bon Air, Sleepy Hollow, Kentfield, Kent Woodlands, Oak Manor, and Greenbrae.

The District operates and maintains approximately 200 miles of collection sewer lines and 19 pumping stations which collect, pump and transport approximately four million gallons of wastewater per day to Central Marin Sanitation Agency for treatment. The District’s mission is to provide customers with high quality wastewater collection service, through a system that has no avoidable sanitary sewer overflows, at the lowest sustainable cost, to protect public health and the environment.

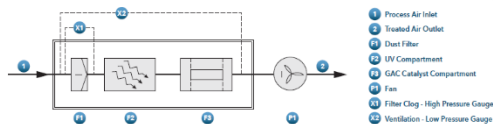


Pump Station 14 (Larkspur) Ribbon Cutting
Participants included (L-R): Noel Sandoval, RVSD Operations Supervisor, Steve Moore, RVSD General Manager, RVSD Board of Directors Pamela Meigs, Doug Kelly, Tom Gaffney, Mary Sylla and Michael Boorstein, and Rosemarie Gaglione, Marin County Director of Public Works.



Community members and RVSD staff joined in for a group photo at Pump Station 14 (Larkspur) on July 19.

Photoionization Odor Control Process



- Air (1) goes through a filter (F1) trapping any dust or moisture.
- Then it enters the Ultraviolet (UV) Compartment (F2) to break odors down.
- Odors that do not breakdown inside the UV Compartment are then scrubbed or "polished" (F3) by the carbon media.
- A suction fan (F1) makes it all happen by pulling the air through from the air inlet (1) to the treated air outlet (2).
- Pressure gauges (X1, X2) indicate when it's time to clean filters or refresh the carbon media.
- The end result of this process is cleaner and fresh air!



An open photoionization treatment unit showing the internal air plenum (duct).



Air passes through dust filters (F1) and then goes over and around an ultraviolet compartment light bank (F2) like this. UV radiation inside the compartment breaks odors down through a series of photo-catalytic reactions.



After air passes through the UV Compartment (F2), it goes through a Catalyst Compartment (F3) with granular activated carbon (GAC) inside to absorb any remaining odorous compounds on the molecular level.



Clean air then goes through a fan (F6) and into the Treated Air Outlet (2) where it's released outside.

Pump Station upgrades include an odor control system using ultraviolet light and granular activated carbon (GAC) to eliminate odors before treated air is released outside. Photos, graphics, and more information about the innovative technology used at this facility can be provided as requested.

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