

Office of Sustainable Water Solutions Newsletter

November/
December 2015
Issue 5

Drinking Water State Revolving Fund (DWSRF)

<http://www.waterboards.ca.gov/dwsrf>



Clean Water State Revolving Fund (CWSRF)

<http://www.waterboards.ca.gov/cwsrf>

The Office of Sustainable Water Solutions has three main technical units that manage projects and technical assistance for small, underserved communities:



Small Drinking Water Systems

[Kyle Ochenduszko](#), Unit Chief

(916) 539-1985



Small Community Wastewater

[Jennifer Toney](#), Unit Chief

(916) 319-8246



Small Community
Technical Assistance

[Meghan Tosney](#), Unit Chief

(916) 341-5729

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Proposition 1 Funding Available

Applications are continuously being accepted online for wastewater and drinking water projects.

- ◆ Apply Online at <https://faast.waterboards.ca.gov>
- ◆ Proposition 1 Drinking Water Funding is being administered through the Drinking Water State Revolving Fund Program
- ◆ Proposition 1 Wastewater Funding is being administered through the Clean Water State Revolving Fund Program

Consolidation Update

The Division of Drinking Water launched a new webpage to keep the public informed of actions relating to consolidations:

http://www.waterboards.ca.gov/drinking_water/programs/compliance/index.shtml

The webpage features:

- ◆ Letters issued to water systems relating to consolidation or extension of service for disadvantaged communities
- ◆ Frequently Asked Questions (FAQ)

The State Water Board's Division of Financial Assistance is ready to help water systems with technical assistance and funding related to consolidation efforts.

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.shtml



PROJECT NEWS — Drinking Water

Lewiston Community Services District

Lewiston Community Services District (Lewiston CSD) recently completed a \$3.2 million dollar drinking water improvement project co-funded by the Drinking Water State Revolving Fund (DWSRF), and California Propositions 50 and 84. The water system serves a severely disadvantaged community of approximately 150 people in Trinity County.

Lewiston CSD was originally Lewiston Valley Water Company (LVWC), a small public water system regulated by the California Public Utilities Commission (CPUC). Lewiston CSD's infrastructure was built in 1957 to support temporary housing during the construction of the Trinity Dam. The water system was in need of upgrades to the raw water intake and pipeline, filters and storage tanks, and arsenic which exceeded the Maximum Contaminant Level (MCL). LVWC faced many obstacles; some of which are listed below:

- Small service area made a loan difficult to repay.
- The Trinity River is a federally designated Wild and Scenic River and is critical habitat for Coho salmon.
- The property on which the new pump stations would be located had been deeded for recreation-only, and a transfer of public benefit conveyance from the US National Park Service (USNPS) and US Health and Human Services (USHHS) was needed.
- Per USHHS regulations, a public benefit conveyance could only be transferred to a public entity.
- Lewiston CSD was concerned the water and wastewater violations would jeopardize their ability to carry out existing functions.
- Lewiston CSD had no experience in drinking water or wastewater system operations and did not have sufficient reserves to assume management.
- In May of 2010, the foundation of the old elevated pump house failed and in December 2012 the original intake collapsed. In April 2013, the raw water pipeline ruptured.



BEFORE: Collapsed pump house



AFTER: Intake and rebuilt pump station

It took a lot of time on the part of many people to work out solutions to overcome the obstacles. The State Water Board provided Proposition 84 emergency funds for the repairs to the collapsed intake and raw water pipeline. LVWC provided \$20,000 in working capital and the services of their T2/D1/WW1 Operator to enable Lewiston CSD to take over ownership and operations of the water and waste water systems. In April of 2013, Trinity County Local Agency Formation Commission approved the enactment of Lewiston CSD's latent water and sewer powers. The CPUC supported the transfer of the of the water and wastewater system from the privately owned LVWC to the publicly owned CSD.

PROJECT NEWS (cont.)

Lewiston CSD Before & After Project

Grant funding for planning was provided by both Proposition 84 and the DWSRF. During the planning process Lewiston CSD had a rate study done by California Rural Water Association under the State Water Board's free DWSRF Technical Assistance Program. Utilizing the information from the rate study Lewiston CSD underwent the Proposition 218 process and implemented a 69% rate increase over a 5-year period to cover future O&M and to sufficiently fund a capital improvement reserve.

Construction funding was provided by the DWSRF and Propositions 50 and 84. The project involved relocating the surface water intake, and constructing a new pump station, raw water main, filter plant, and storage tank. The project greatly reduced leaks along the raw water main and brought the CSD into compliance with the Arsenic MCL and the Surface Water Treatment Rule. The Lewiston community is extremely pleased with the improvements. Long-time community members rejoiced when the original old corroded storage tank was finally dismantled. The Project was a success thanks to the hard work and coordination of Lewiston CSD staff, WaterWorks Engineers, and MDS Construction.



BEFORE: Original corroded steel storage tank



AFTER: New welded-steel storage tank



Before & After—new infiltration gallery during and after installation



BEFORE: Spiral-wound steel raw water pipeline. Multiple silver bands, which had been used to patch leaks, cover the majority of the line.



AFTER: Fused PVC joint used for new raw water pipeline



New direct filtration system with coagulation

PROJECT NEWS — Wastewater Parklawn Sewer Project



Stanislaus County recently completed the \$4.6 million Parklawn Sewer Project, which was funded with Clean Water State Revolving Fund (CWSRF) Small Community Grant funds. The Parklawn neighborhood is an unincorporated area near Modesto. Established in the 1940s, it is made up of 326 residential properties with approximately 1,500 residents. According to an income survey conducted by staff from California Rural Legal Assistance and Self-Help Enterprises, the community qualifies as a severely disadvantaged community with an annual median household income below \$20,000. Residents were previously utilizing septic systems, with reports of surfacing sewage, failing leach lines, and sewage backups. The Project connected the area to the City of Modesto's existing public sewer system, including approximately 14,475 linear feet of sewer main, and constructed a pump station.

Introducing New State Water Resources Control Board Office of Public Participation Staff

The Office of Sustainable Water Solutions is working with the Office of Public Participation staff to provide the community outreach and involvement needed to move water and wastewater infrastructure projects forward.

Two new staff members have joined the Office of Public Participation. Monique Wilber, Senior Environmental Scientist and Marina Pérez, Public Participation Specialist, to primarily support stakeholder outreach efforts for Proposition 1 projects as well as assist with messaging, development of informational materials, and Spanish language needs. Monique comes to the State Water Board from the Department of Water Resources and has fifteen years of experience as an environmental planner and scientist, with advanced degrees in Geography, focusing on California water, as well as a teaching credential. Her prior work has focused on outreach and education; floodplain ecology; habitat, land use, and water use planning; project, contract, and grant management; CEQA/NEPA documents; and strategic policy and legislative planning. While at DWR, Monique authored *Californians without Safe Water*, a document for the 2005 California Water Plan that reported on Californians without access to clean and safe water. Marina joins the State Water Board by way of the Department of Toxics Control office in Southern California. As a bilingual Community Relations professional with over thirteen years of experience and an advanced degree in Public Administration, her prior work has focused on developing and implementing strategic outreach approaches in the public and private sector for CEQA, environmental remediation, and new school construction projects in Los Angeles.



Proposition 1 Technical Assistance Funding Plan Update

Proposition 1 ([Assembly Bill 1471, Rendon](#)) authorized \$7.545 billion in general obligation bonds for water projects including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection. Proposition 1 requires the State Water Board to operate a multidisciplinary technical assistance program for small disadvantaged communities, and it allows the State Water Board to fund technical assistance work.

The Office of Sustainable Water Solutions (Office) has developed, with input from stakeholders, a *Technical Assistance Funding Plan* which outlines the process to administer Proposition 1 technical assistance funds. The hope is to provide assistance with drinking water, wastewater, groundwater quality, and storm water needs under one program. The *Technical Assistance Funding Plan* will be considered by the State Water Board on Wednesday, November 4, 2015. The Office is intending to open a solicitation for Technical Assistance proposals early November, and encourage submittal of initial concepts by a soft deadline in mid-December. This will allow the first group of proposals to be reviewed and a comparison done of all proposals received. Initial invitations to submit full proposals is anticipated to occur in early 2016. The Office intends to continue to accept concepts on an on-going basis thereafter. Please monitor our website for updates and new information: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.shtml

If you represent a non-profit or public university that might be interested in providing technical assistance, please contact Meghan Tosney at meghan.tosney@waterboards.ca.gov or 916-341-5729.

- To request **wastewater technical assistance**, please email Meghan.Tosney@waterboards.ca.gov or call (916) 341-5729.
- To request **drinking water technical assistance**, please email George.Faggella@waterboards.ca.gov or call (916) 449-5652.



Questions or Comments?

Email

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Resource Corner

- ◆ Sign up at http://www.waterboards.ca.gov/resources/email_subscriptions/swrcb_subscribe.shtml to receive updates and periodic announcements by email, including this newsletter
- ◆ For information on the Division of Drinking Water District Office locations go to http://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf
- ◆ The 2015-2016 DWSRF Intended Use Plan, which details how the State Water Board intends to disburse DWSRF and Proposition 1 funds, can be found at: http://www.waterboards.ca.gov/drinking_water/services/funding/documents/srf_iup_2015/final_dwsrf_15_16_iup.pdf
- ◆ For funding program specific questions, please visit the webpages for Clean Water State Revolving Fund http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/index.shtml and Drinking Water State Revolving Fund http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml