

**Stewardship through Collaboration**

## **Earth Day Celebration at Yreka Creek**

Shasta Valley Resource Conservation District (SVRCD) had a great time on Earth Day! Partnering with the City of Yreka and the Siskiyou Gardens, Parks, and Greenway Association cleaning up Yreka Creek and graffiti along the Yreka Creek Greenway at Oberlin Road. We also planted native plants, maintained previous planting, and controlled weeds in the parkway. More than 25 volunteers joined us on a cold, wet day to keep the greenway a place where people, birds, and fish want to be. SVRCD was able to provide tools and lunch with a grant from the National Fish and Wildlife Foundation, and State Water Board provided additional funds for educational outreach on riparian and fish habitat restoration. We encourage our readers to visit the trails at Yreka Creek Greenway and Greenhorn Park.



*Lunch was served for all the volunteers along the Greenway*



*Steve Baker, Yreka City Manager and Jennifer Silveira, SGPGA Board President planting a tree at the Oberlin Greenway.*

# Groundwater News

**Ethan Brown, Monitoring Technician**

The Shasta Valley RCD recently reached a number of milestones in its role in the sustainable groundwater management project for the Shasta Valley Groundwater Basin. We held our first in a series of stakeholder outreach community meetings, and we assisted the Groundwater Sustainability Agency (GSA) in establishing a network of monitoring equipment needed to collect baseline data to draft the groundwater sustainability plan for the Shasta Valley groundwater basin.

Nearly all of the groundwater elevation logging equipment purchased by the RCD with funding from the grant from California Department of Water Resources (DWR) has been installed in wells across the groundwater basin. Two CIMIS stations are the next pieces of equipment being installed, which are expected to come online early this fall. The HyDAS stations will be installed in the upper watershed later this year once rains firm up the soil.

The California Irrigation Management Information System (CIMIS) stations will help farmers in Shasta Valley for many years by providing accurate local weather and evapotranspiration data. The Hydrology Data Acquisition System (HyDAS) stations are part of a statewide network, and the new stations will provide snow-pack data from the Mount Shasta and Klamath Mountains sources for the Shasta River. The purpose of implementing a groundwater, surface water, and weather data collection network is to better understand the valley's hydrogeology, and flow variation and movement across the Shasta Valley, to help ensure that the groundwater model reflects the on-the-ground reality.

To inform the community of the benefits of the project being led by the GSA and the SVRCD and the types of information we will be gathering, the SVRCD held a stakeholder outreach workshop in Yreka in March of



*A solar stockwater system installed in the Hornbrook area as part of our Bogus Creek Grant from the California NCWQCB.*

*Groundwater well elevation logging equipment on a private landowner's property*



## News Shorts: Did You Know?

**Board Position Opening:** Our longtime board member Beth Sandahl has retired from our Board of Directors. This leaves an opening on our Board of Directors. An application can be submitted to the Siskiyou County Clerk's Office. If you would like to find out more, please contact SVRCD

**Flows in the Shasta River.** Did you know that the SVRCD participates in group phone calls and helps coordinate the Shasta River Flow Transactions Program with local irrigators? The goal is to meet flow targets for fall salmon migration without impacting local irrigation needs.

### Groundwater con't

2019 titled *Groundwater in Siskiyou County: Understanding the Sustainable Groundwater Management Act*. Stakeholders from the Shasta, Butte and Scott Valley groundwater basins were in attendance and voiced commitment to participating in the locally driven process and also expressed some common concerns. More of these events are planned for the future, and we are always available to respond to questions about the project at any time.

Conducting this orchestrated data collection effort is Dr. Laura Foglia who works for Larry Walker Associates (LWA), the GSA's hydrologic consulting firm, and as an adjunct professor at the UC Davis's Department of Land, Air and Water Resources. With a PhD in Environmental Engineering from the University of Zurich, Dr. Foglia brings a wealth of knowledge, experience, and resources to help tackle the issue of sustainable groundwater management. She has successfully implemented groundwater management projects in the Cosumnes River in California, as well as across Europe. Dr. Foglia's team, which includes UC Davis's Dr. Thomas Harter who worked extensively in the Scott Valley, know it takes a lot of cooperation, coordination, and data to deliver a robust management plan that stakeholders can rely on.

While the RCD's current funding for this project runs out at the end of 2021, the equipment installed in the wells should provide valuable data to the community for 15-20 years, allowing the GSA plenty of time to utilize the equipment to verify and refine model predictions and groundwater management strategies. The RCD is happy to partner with the GSA and LWA on this project, and looks forward to future opportunities to help fill data gaps and foster relationships with stakeholders and water users in the valley.

## Changes at Shasta Valley RCD

During the September 11, 2019 Board of Director's Meeting, it was announced there would be an organizational change. Brandy Caporaso was appointed District Manager and Mike Riney Senior Project Manager. While Ed Stanton will no longer be with SVRCD, we wish him well in his future endeavors.

Brandy will be responsible for supervising general District operations, financial aspects, and overseeing general management of grants and contract. Mike will be directing and supervising project proposals, grant applications, and project implementation.

# Sponsors for this Newsletter



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*Partner: Scott Valley and Shasta Valley Watermaster District  
Performing Maintenance at the  
Montague-Grenada Weir*

## SVRCD Fee for Service

The Shasta Valley Resource Conservation District performs restoration and conservation activities intended to demonstrate and implement structural and management practices that support agricultural and ecological integrity. These include field work, grant writing, technical analysis and natural resources advising. Give us a call if you have a specific project or need in mind to see if we can help.

### Contact Us

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