

WATER

Have you ever wondered where our water comes from?

Water. It's vital for all of us. We depend on its good quality and quantity for drinking, recreation, use in industry and agriculture. It also is vital to sustaining the natural systems on and under the earth's surface.

Groundwater is a hidden resource. At one time, its purity and availability were taken for granted. Nearly 95% of rural residents rely on groundwater for their drinking supply.

Aquifer: Most groundwater is found in aquifers—underground layers of porous rock that are saturated from above or from structures sloping toward it. Aquifer capacity is determined by the porosity of the subsurface material and its area. In the Burney basin, the main aquifer occurs in the permeable basalts.

Within the watershed, the overall topography slopes towards Burney Falls, and thus, all surface and ground water in the basin eventually flows toward Burney Falls. Groundwater in the Burney basin discharges mainly at Burney Falls and at springs east of Burney Falls.

The District obtains its water supply from three wells, all of which are located within the District boundary.

The District stores water in three reservoirs totaling 6.7 million gallons (MG) of storage capacity (Mountain View 4 MG, Ivan Marks 1.5 MG, and Timber Drive 1.2 MG).

Once the groundwater is pumped from the wells, it then goes into one of the three water reservoirs. From the reservoirs located above the town, water is distributed to your house through water mains and pipelines.

SEWER

WWTP--Major Tasks Worked On:

1. The final two wall sections of the clarifier were poured, and forms removed.
2. Conduit trenching and installation around the control building and treatment facilities continued.
3. Significant progress was made on deep trenching (>5 feet) and installation of the waste digested sludge line.
4. Construction of the fixed mechanical aerators for the oxidation ditch has begun.
5. Electrical panels and conduits are being installed in the sludge pumping building.
6. Installation of pumps in the return pump station has begun.

Collections--Major Tasks Worked On:

1. Bullert Industrial Electric, Inc. installed the control panel and automatic transfer switch at the Bartel Lift Station.
2. RTA completed the generator pad and installed the antenna tower and Davit Crane at the Bartel Lift Station.



50 Foot Diameter Secondary Clarifier at the WWTP

POOL

Join us for the 2023 Pool Opening on June 11th, 2023, from 1-4 p.m. at 37482 Bailey Avenue.

Sign up for programs will begin on June 5th thru June 9th, 2023, from 2:00 p.m. to 5:00 p.m. at the Raymond Berry Pool Office. For more information on the 2023 Pool season go to burneywater.org or call the pool at (530) 335-2277 or Burney Water District Office at (530) 335-3582.

Many thanks to Burney Regional Community Fund for awarding the District \$7,500.00 for the purchase of a Pool Climbing Wall.

PARKS

The Furry Friends Playground (dog park) design and drawings have been finalized. The District will be going to bid for the project in Spring of 2023.

CURRENT GRANT PROJECTS

- Wastewater Treatment Plant Improvement Project (\$6,148,000)
- Collection System Improvement Project – Phase 2 (\$1,775,000)
- Furry Friends Playground Project (\$177,952)
- Burney Regional Community Fund – Climbing Rock Wall (\$7,500)

COMPETED GRANT PROJECTS

- Well 9 Improvement Project – Planning and Design (\$500,000)
- Water Meter Replacement Project – Phase 1 (\$718,477)

PENDING GRANT APPLICATIONS

- Water System Improvement Project (Approx. \$14M)
- Well 9 Construction Project (\$4,690,000)
- McConnell Foundation – ADA Compliant Chair Lift for Pool Facility (\$17,749.50)
- Water Meter Replacement Project Phase 2 (\$185,188)

Meet the District Board of Directors

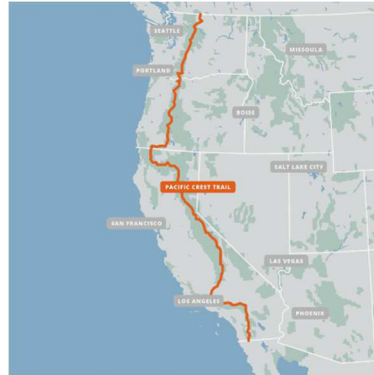


Fred Ryness, Jim Hamlin, Rodney Armstrong, Britta Rogers, David Barry

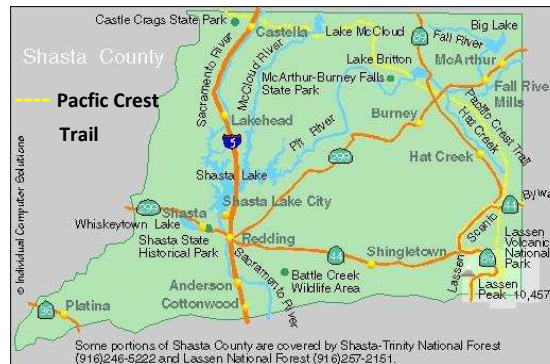
- **Fred Ryness:** Grew up in Anderson, CA, and graduated Anderson High School in 1965. Moved to Burney, CA in 1974 and continues to work in the Forestry Industry for over 50 years. Began serving on the Board in December 2007.
- **Jim Hamlin:** Moved to Burney, CA in 1956 from San Pedro, CA and graduated from Fall River High School in 1962. He worked over 40 years in the Insurance Business before he retired. Began serving on the Burney Water District Board of Directors in December 2014.
- **Rodney Armstrong:** Grew up in Washington and Florida. Became an Army Aviator then was a Commercial Pilot for Braniff International and US Airways. Moved to Burney in 2005. Began serving on the Board in January 2023.
- **Britta Rogers:** Grew up in the Bay Area. Moved to Burney in 1976, desiring a small community lifestyle, worked for a Telecommunication's Company until retiring in 2019. Began serving on the Board in February 2016.
- **David Barry:** Grew up in Lakeview Or. and graduated high school in 1980. Began working for Les Schwab in 1986 and transferred to Burney in 2001 for the Les Schwab Managers Position. Began serving on the Board in December 2020.

EXPLORERS CORNER

Pacific Crest Trail



The Pacific Crest Trail spans 2,650 miles (4,265 kilometers) from Mexico to Canada through California, Oregon, and Washington. It is a National Scenic Trail. It became a National Trail in 1968 and was officially completed (but not entirely finished) in 1993.



One hundred sixty-seven miles of the 2,650 miles of the Pacific Crest Trail (PCT) pass through Shasta County. From south to north, the PCT enters Shasta County in Lassen Volcanic National Park and traverses Lassen's backcountry, passing many lakes and streams at around six to seven thousand feet. The PCT intersects Highway 89 at Old Station. The Hat Creek Rim is next, which is a long hike with no water which is known to exhaust many through-hikers. The PCT then crosses Highway 299 and 89 again before entering McArthur-Burney Falls Memorial State Park. It then crosses miles of upper elevation conifer forest before entering picturesque Castle Crag State Park near Castella.



NEWSLETTER

Quarter 4 2022

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Burney Water District Mission

We are committed to providing a safe and reliable water supply, environmentally safe disposal of wastewater, and responsible governance of our pools and parks.