

To: Burney Water District Board of Directors
From: David Zevely, District Manager
Date: February 16, 2023
Subject: District Manager's Report, Summary of Activities from January 17, 2023, to February 15, 2023

January

- The new pH and DO meter arrived and staff were trained on its use and proper calibration. This is most often used at the wastewater treatment plant.
- Submitted December 2022 drinking water monthly report to SWRCB staff for review.
- Reported to the online portal, CIWQS, a collection system spill for December 2022, 1-gallon spilled from a sewer lateral while clearing a stoppage.
- The Sewer System Management Plan adopted by the Board was submitted to CIWQS and to the State Water Board Regulator.
- Staff reviewed and trained on the District's Water Siting Sampling Plan. This is plan details routine and additional sampling for the Drinking Water system.

WWTP and Collection System Improvement Projects

Below is a summary of major tasks worked on since January 10, 2023:

Collection System Major Tasks:

1. Bullert installed the control panel and automatic transfer switch at Bartel Lift Station.
2. RTA completed the generator pad, antenna tower and davit crane footings at Bartel LS.

WWTP Major Tasks Worked On:

1. The last two wall sections of the Clarifier walls were completed.
2. Site trenching is in full swing for installation of conduit and piping.
3. Conduit is being installed around the Control Building and treatment facilities.

February

- Submitted 2022 4th Quarter and Annual WWTP Report to SWRCB.
- January's WWTP monthly permit required sample results show the plant exceeded permit limits for BOD5 and Total Nitrogen reduction limits. Staff contacted the State regulator and discussed the results. Staff will evaluate the conditions at the time of the samples and report to the State regulator.
- Keith Moore and David Zevely registered for a Backflow Tester certification course. The training is **postponed to March 13-17, 2023**, Due to unforeseen instructor circumstances. The training is held at the Cal Rural Water Association training center, Sacramento.
- Submitted January 2023 drinking water monthly report to SWRCB staff for review.
- A portable flow meter was ordered to replace the faulty flow meter at the Main Lift Station.
- Staff is working with PACE Engineers to solve a filamentous bacteria problem at the WWTP. This bacteria problem affects plant performance. Excess filamentous organisms cause poor sludge settling.
- A water service line on Bue Way froze and staff is working on repairing the service line.

Field Operations

In January, Field staff

- Responded to a fire hydrant hit by a car at the intersection of Pine and Tamarack, across from the Red School. Staff reset the fire hydrant and bollards protecting the hydrant. The vehicle was not at the scene when staff arrived. A Sheriff's report was completed.
- Maintained treatment plant equipment, adjusted plant processes, grabbed permit-required and process samples, and maintained plant grounds. Pace Analytical in Redding, CA, analyzed permit-required samples and provided laboratory analytical results. Staff evaluated process sample results and used results to adjust equipment and wastewater treatment processes.
- Grabbed monthly water system routine samples and those were tested by Pace Analytical laboratory in Redding and submitted to the State.
- Worked with a local electrician to replace a failed motor drive unit for a floating aerator at the WWTP.
- Placed a steel traffic plate over a water meter box due to repeated water theft and vandalism of District property.
- Marked underground service alerts throughout the month.

Service Requests and Call Outs

In January, during business hours, staff responded to the following number of water and sewer service requests:

- 5 water turn on requests (1 re-connect included)
- 7 water turn off requests
- 84 meter re-reads and final reads (moving)
- 2 Sewer service request (backups on either customer or District side)
- 13 water maintenance requests (leaky valves, broken lines, pressure checks)
- 2 water meter replacement- related tags

In January, staff responded to 5 after-hour calls for the following:

- low-level alarm at the Bartel lift station.
- A water turn on request (2)
- A water leak in a meter box.
- A water turn off request.