

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

February

- Submitted January 2023 drinking water monthly report to SWRCB staff for review.
- Staff started the California Professional Excavator training webinar that covers state laws, codes, and regulations; industry best practices; and the 811 process for safe excavation.
- Well 7 pump failed to run when called by SCADA. BAT electric was called and repaired a faulty relay.
- Staff attended a monthly construction meeting with PACE Engineers and RTA Construction to discuss recent and future work at the WWTP and collection system.
- Staff spoke with Shasta College Water Treatment Technology teacher about Operator-In-Training opportunities for students.

WWTP and Collection System Improvement Projects

The weather has caused a slowdown in work, so not as many tasks have been completed in the past month. Below is the summary of major tasks worked on since last reported:

Collection System Major Tasks:

1. None

WWTP Major Tasks Worked On:

1. Conduit trenching and installation around Control building and treatment facilities.
2. WDS Line trenching (including rock excavation and disposal) and installation.

March

- Reported to the online portal, CIWQS, a collection system spill for February 2023, 10-gallons spilled from a sewer lateral clean out. Approximately 8-gallons was recovered from the spill, and the spill site was cleaned up.
- Submitted January 2023 Wastewater treatment plant report to SWRCB staff for review.
- Keith Moore and David Zevely registered for a Backflow Tester certification course. The training is **postponed to May 21-27, 2023**, Due to unforeseen instructor circumstances. The training is held at the Cal Rural Water Association training center, Sacramento.
- Staff noticed sludge was not settling as expected at the plant. Staff repeated the prescribed RAS chlorination procedure to improve settling/control filamentous bacteria. Sludge settling improved after a few days of chlorination. Staff stopped chlorinating and is keeping a close eye on sludge settling.
- Willie Lyons, Utility Worker, resigned from the District.
- District staff placed a job flyer on the District website, on the CWEA website job listings, on North State Jobs website, and with the Intermountain Area Jobs on the March job listings.

Field Operations

In February, Field staff

- Repaired a 6-inch failed water main on Clusterwood Court That was causing a significant water leak.
- Dug up a frozen water main on Bue Way and was able to thaw the main and re-establish water service to a residence.
- Ordered a custom fabricated debris bin for the WWTP headworks hopper to help reduce/eliminate overflowing of current debris bins at the WWTP static screen building.
- Addressed multiple meter box leaks, a sewer plug, and nuisance alarm calls that occurred in February.
- 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.
- Marked underground service alerts throughout the month.

Service Requests and Call Outs

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

- 3 Water turn on requests
- 8 Water turn off requests
- 14 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)
- 3 Water meter replacement- related tags

In February, staff responded to 15 after-hour calls for the following:

- Telemetry alarm at a water tank
- Water leak on main line at Clusterwood Court
- Repair frozen service line on Bue Way (6)
- WWTP alarm from California Safety
- Well 7 pump relay failure (2)
- Leaking fire hydrant
- Sewer backup on customer side
- Hi-level alarm at the main lift station during rain event
- Autodialer power failure alarm