

To: Burney Water District Board of Directors  
From: David Zevely, District Manager  
Date: September 16, 2022  
Subject: District Manager's Report, Summary of Activities from August 11, 2022, to September 14, 2022

## August

- A dog bit a staff member during routine meter reading. Staff received care and was released the same day. The incident was documented and documentation was submitted to a third party claims handler for SDRMA, the District's insurance carrier. At a regular staff meeting, staff discussed precautions to mitigate a recurrence.
- Staff informed the SWRCB case worker for the WWTP that Pond 4 pH sample result was above the permit limit. The high pH was most likely caused by plant/algae growth in the Pond.
- RTA, contractors at the WWTP and collection system improvement projects, were paid for two payment applications through the Districts line of Credit from CoBank; PACE Engineering was paid for one payment application.
- Staff trained on how to calculate percent reduction for total nitrogen at the WWTP using lab test results data. Total Nitrogen reduction is part of the reporting requirements for the plant's permit.
- Discuss six-day schedule for wastewater plant operations and plant checks with SWRCB staff.
- Field staff registered for Data Submitters on California Integrated Water Quality System (CIWQS). This is the online portal to report Sanitary Sewer Overflows (SSO). Data submitters can fill out SSO forms that are then reviewed and certified by the Legally Responsible Official (LRO) at the District. Partial training on reporting an SSO on CIWQS occurred in a morning staff meeting.
- Staff repaired a leak at the drinking water well fields on a water line that supplies water to motor seals and possibly more.
- PACE Engineers met with staff to go over 60% design for Well 9 design.
- Staff ordered a portable pH and DO meter for field operations at the WWTP and possibly other locations if needed.
- Staff provided estimated budget projections for the sewer and water to the State for grant funding of water and wastewater projects.
- Per a request from the District's drinking water regulator, staff submitted a cross connection summary report that used information from a survey conducted in 2015
- Submitted July 2022 drinking water monthly report to SWRCB staff for review.

As reported by PACE Engineering, below is a summary of major tasks worked on for the Collection System and WWTP Improvements Project for the month of August.

### Collection System Major Tasks Worked On:

1. RTA completed an additional spot repair that was identified during CCTV pre-inspection for the sewer main to be CIPP lined between Hwy 299 and Tamarack Ave

WWTP Major Tasks Worked On:

1. Clarifier rebar and formwork construction with water stops has begun.
2. The Return Pump Station structure has been set.
3. Sludge Lagoon grading of bottom and sides.
4. Sludge Lagoon underdrain has finished installation.
5. Sludge is being regularly turned for drying in the dry Oxidation Ponds.



Sludge Lagoon Grading



Clarifier rebar and formwork

## Water Meter Replacement Project

As reported by PACE Engineering, Whitehawk Construction has been working to replace the meters, curb stops, customer valves, meter boxes and lids along:

1. Tamarack Avenue and all streets in the Tamarack area
2. Timber Drive and all streets off Timber Drive
3. Shasta Street, Epigordon Drive, and everything in that area
4. A portion of Main Street.
5. Butte Street to Siskiyou Street and working their way down Michigan Street and Ontario Avenue.
6. Out of the 381 meters to be replaced as part of this project, Whitehawk has replaced approximately 180 meters.

## September

- Submitted July 2022 wastewater monthly report to SWRCB staff for review.
- Certified two SSO reports for the wastewater collection system on CIWQS website for July 2022:
  1. SSO occurred at a manhole at the end of Roff Way, approximately 200 gallons.
  2. SSO occurred at a manhole in a grassy area along Highway 299, in front of 37385 Main Street, approximately 80 gallons. An estimated 20 gallons was recovered from the grassy area using the trailer-mounted vacuum.
- Staff confirmed with the SWRCB case worker that oversees the WWTP that permit required sampling frequency for pond pH and DO is one sample each month. The CPO directed operators to change sampling frequency from weekly to monthly to match permit requirements.
- Staff and PACE Engineering discussed baseline information for the proposed Burney Bioenergy project and its possible discharge to the WWTP.
- Staff met with PACE and Burney Commons contractors to discuss sewer and water tie-ins at the Burney Commons development.
- At a morning staff meeting, a new SSO form was introduced that will make SSO reporting easier when field staff input data on CIWQS.

## Service Requests and Call Outs

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

- 5 water turn-on requests
- 1 water turn-off requests
- 34 meter re-reads and/or move in/out requests
- 3 Sewer service request (backups on either customer or District side)
- 3 water maintenance requests (leaky valves, broken lines, pressure checks)
- 1 water meter replacements

In August, staff responded to 6 after-hour calls for the following:

- 5 calls- Power outage caused an alarm at the WWTP, the office, and staff had to manually start Well 8 and the booster pump station to charge water storage tanks because the power was offline for about several hours
- 1 call - Customer Requested water turn on at residence.