

MONTHLY REPORT

To: David Dickson, General Manager
From: Joe Guistino, Superintendent of Operations
Agenda: January 10, 2012

Report
Date: January 5, 2012

Monthly Highlights

Backflow Survey

We continue to make progress to bring our service area into full compliance. Staff is working to improve the backflow ordinance to better clarify conditions requiring backflow protection.

Tank Recoating Projects- Half Moon Bay Tank 1

All mechanical repairs and improvements should be complete in January and the tank lining and coating should be complete by April.

Denniston Water Treatment Improvement Project

Structural work on the drying beds and washwater recovery system is underway.

Source of Supply

Pilarcitos Reservoir, Pilarcitos wells 1 and 4a, and Crystal Springs Reservoirs were the major source of supply for the month of December. On 21 December, we switched to Crystal Springs upon request from SFPUC due to lack of rain. We are presently drawing from Crystal Springs Reservoir. The Pilarcitos wells were shut off in December due to lack of rainfall and low creek flows.

Systems Improvement

Beautification

- Shop and trucks cleaned and straightened out.
- Carport cleaned out.
- In the process of clearing out old and unusable clamps, fittings, and other items in preparation to revamp inventory system.
- Nunes workshop cleaned up.

Back Door

The back door of District Office was replaced in December. The old door was not very secure and there were fears that it could easily be breached. The new door is very secure and snappy looking.

Downtown water pressure

We increased the water pressure in the downtown area by 3-4 psi in order to improve service to the southern end of Main Street.

Update on Other Activities:

El Granada Pump Station #1

The second new pump was installed at El Granada Tank #1 pump station. There is still some electrical work to complete in January. Once done, we will have improved the pumping capacity of this station from 140 gpm to about 400 gpm. El Granada Tank #2 pump station will have similar capacity when improvements are complete at that station.

AWWA Research Committee Presentation

On 1 December, I presented a talk on Risk Communication at a seminar on Unintended Consequences in Reno. This seminar was arranged by the Cal/Nev Section AWWA Research Committee, which covered all expenses for transportation and lodging. The talk was very well received.

Princeton Fire

I am pleased to report that the hydrant usage in Princeton to control a fire which occurred on December 15 did not result in any brown water episodes, which exemplifies the benefits of a unidirectional flushing program on distribution system operation.

Backflow Survey

We surveyed all customer accounts on Main Street from Highway 92 to the Pilarcitos Bridge and all of Stone Pine Road. We found 11 accounts requiring backflow devices and 5 that had backflow devices that were not registered with the District. Letters were sent to the owners of the properties on 14 December requiring the proper device be installed by 14 March. The City of Half Moon Bay has installed backflow devices on all of their applicable properties.

Staff is presently working to improve our backflow ordinance to specify the conditions that require backflow protection. We will present it to the board for approval in February.

Gasoline

With the closure of Alves Petroleum, the District has contracted with Coast Oil Company to procure fuel at Alliance.

Safety/Training/Inspections/Meetings

Meetings Attended

1 December - Gave a presentation titled Risk Communication at the Unintended Consequences workshop sponsored by the Research Committee of the Cal/Nev Section AWWA. The workshop was held at the Truckee Meadows Water Authority in Reno.

5 December - SCADA modifications scoping meeting with Kennedy/Jenks and EKI.

9 December - Cal/Nev Section AWWA governing board meeting conference call.

13 December - CCWD Board meeting.

21 December - O&M Staff meeting.

Safety Meetings and Training

-Safety Committee meeting on 14 December at Sanitation Authority Midcoast (SAM). Twitchell was in attendance. There were no lost time accidents or other incidents to discuss.

-Safety training took place on 14 December at SAM. The topic was a refresher training on Back Injury Prevention. Patterson, Riis, Twitchell, Guistino, Donovan, Duffy, Whelen, Bruce, Damrosch and Winch were in attendance.

Tailgate safety sessions in September

-What You Don't Know About Radon Can Kill You!

-Weld Well-And It Ends Well

-Listen Up to Protect Your Hearing

-Make Holidays Happy for Everyone-Don't Drink and Drive

Treatment Operator Training

Maintenance Worker Logan Duffy passed his Grade 2 Water Treatment Plant Operator test and will receive his license to operate from the Department of Public Health. He will now be placed on the On-Call list and can respond to all emergencies.

Treatment Supervisor Steve Twitchell passed his Grade 4 Water Treatment Plant Operator test and will receive his license upgrade in January.

Regulatory Agency Interaction

California Department of Public Health (DPH)

Spoke with DPH in December on NSF 61 requirements and what is and what is not covered in the Denniston Improvement Project. They were specific to inform me that they are very encouraged by our efforts and are in full support of this project.

Projects

Tank Recoating Projects- Half Moon Bay Tank 1

Half Moon Bay Tank 2 was drained in order to tie in the new interconnecting pipe and catwalk to HMB Tank 1. Progress in December included replacement of the outside base chime, installation of the catwalk, new ladder on HMB Tank 2, increased the size of the interconnecting pipe to 16" and assessment of corrosion issues around the top vents. They will be replacing the hatch and vent on HMB Tank 2 through a change order to be issued in January. CORPRO will be removing the old cathodic protection system in January and installing a new system once the tank has been lined.

Hazens Tank Fence Replacement

The trees around the tank will be trimmed on the second week of January to make room for the fence installation. Fence installation should be complete by the end of January.

Denniston Water Treatment Improvement Project

Drying bed retaining walls were formed and poured. Rebar and forms being placed for the washwater reclamation basins. Calcon will be designing the integration of the filter controls into the SCADA system.

Crystal Springs Alternative Intake Project

Request for quotes were sent to FLO MAX and North Coast Divers for completion of this project scheduled in March.