

## **MONTHLY REPORT**

**To:** David Dickson, General Manager  
**From:** Joe Guistino, Superintendent of Operations  
**Agenda:** September 12, 2017

**Report**  
**Date:** September 6, 2017

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### **Monthly Highlights**

El Granada Tank 3 Rehabilitation and Coating Project - The tank is back in service and the project is nearing completion.

Strawflower Main Replacement Project (Phase 1 of the Pilarcitos Main Replacement Project) - Phase I of this project is complete.

### **Source of Supply**

Denniston Wells 1 and 9 and Denniston and Crystal Springs Reservoirs were the source of supply in August, supplying 70 million gallons (MG) of water. Denniston ran every day in August.

### **System Improvements**

#### New Hydrants Installed

New Clow 960 hydrants were installed at Metzgar @ Second, Third @ Central and 2cnd @ Central to replace old Rensselaer. This makes 5 hydrants replaced this fiscal year.

#### Clanging Vault Lid

The zone valve between El Granada Tanks 2 and 3 was clanging whenever a car passed over it. Crew changed out broken bolts and added some foam eliminate the noise.

#### Denniston Road

More small rock was placed on the Denniston access road to lessen the impact on smaller vehicles such as cars and small pickups. At this time the entire length of road between the Denniston Pump Station and the Denniston WTP is more easily accessible.

### **Other Activities Update:**

#### Wavecrest Pipeline

Contractors for the Best Western at Cameron's Pub started installation of the supply pipeline to the hotel complex. Andreini Bros. will install 260' of a new 2" line to this line at a later date to feed the two existing structures not related to the hotel project.

### Crystal Springs Ongoing Issues

The new soft start was installed for Crystal Springs Pump Station (PS) P3. Last month I reported that the breaker for this unit may have been damaged when the soft start blew. It turned out that this was not the case. The unit is now running fine.

### Pilarcitos Canyon Storm Repair Mitigation

Quest Engineering is making minor modifications to the plans and then we will go out to bid for the remaining work to finalize the temporary repairs made last Spring.

### **Safety/Training/Inspections/Personnel/Meetings**

#### Meetings Attended

- 7 August - Interviewed by HMB Review as to the 2" main replacement project
- 10 August - O&M Status meeting
- 15 August - Staff met to discuss customer service position
- 18 August - Met with James Derbin, who has accepted the Superintendent position once I retire in October.
- 22 August - Met with Andreini Bros. to work out logistics for the Strawflower Pipeline Project (formerly Pilarcitos Bridge Crossing Project)
- 29 August - Quarterly meeting with Dave Lea on issues of mutual concern
- 1 September - Attended Coastside Emergency Action Plan meeting

#### Tailgate safety sessions in May

- 1 August - Cutting Pipe Safely with Power Saws
- 7 August - Don't Be Shocked by Charged Pipes!
- 14 August - Energized Electric Equipment Can Be Deadly
- 21 August - Message to Self: Distracted Driving Is Dangerous

#### Safety Committee and Training

The Safety Committee met on 9 August. It was the first of the quarterly safety meetings since our new contract with CINTAS. Discussed were introductions and any pertinent safety issues or questions that representative staff may have. It was verified that our fall protection on our tanks is adequate and within OSHA regulations.

Safety Training in August was on Defensive Driving. Winch, Rogren, Jahns, Bruce and Duffy were in attendance.

#### National Pollution Discharge Elimination Survey (NPDES) Training

I conducted a formal training session to the field staff as to the requirements for the new NPDES general order for all treated water discharges on 30 August. All were in attendance.

## **Projects**

### El Granada Tank 3 Rehabilitation and Coating Project

This project is finally coming to completion. The tank was filled and passed bacteriological and Volatile Organic Compound (VOC) testing and put in service. The temporary tank has been dismantled and is ready to be transferred to Alves Tank for future use in that recoating project. The retaining wall is complete and the temporary plumbing for the temp tank is being dismantled. Once the site is cleaned up and the temporary tank removed the contractor can commence to do the required paving.

### Denniston Pump Station and Bridgeport Transmission Main Project

We are in the final days of this project also but with one little problem. Although the roof and painting are complete the pump vibration testing revealed that unit #2 is outside the acceptance range. Goulds pump will be on site next week to look at the installation before the contractor pulls the pump to be send to General Electric for repair or replacement. The pumps produced 1030 gpm at 85% capacity. The doors have been fitted with our locks.

District crews will be constructing forms and pouring about 6 yards of concrete for the walkways on the outside of the new structure.

### Automatic Meter Infrastructure

Staff met with prospective installation contractors on 1 August. See staff report. Four customers on highway 92 have been fitted with new meters with the antennas and verified that the existing collector units pick up their signals. About half of the 1" and larger meters have been fitted with the meter transmittal units (MTUs) and functional within the Aclara program.

### Downtown 2" Main Replacement Project

We received only two bids for this project. Andreini Brothers Construction was the low bid and they will start on this project after the La Nebia Bypass Project is complete.

### Strawflower Main Replacement Project (Phase 1 of the Pilarcitos Main Replacement Project)

Phase 1 of the Pilarcitos Creek Crossing Project is complete. The contractor installed all of the pipe, reconnected the services, upgraded the underground fire checks to above ground double check detector assembly (DCDAs), fire hydrants and meters upgraded, roadway paved and everything put in service. Phase II, horizontal directional drilling under the creek, is slated for fiscal year 22. Virtually all of this project was done at night. The local businesses that were impacted by the project were notified personally as well as by a formal mailing. I would like to acknowledge John Davis for putting in late hours to inspect the work as well as his diligence and drive to get it done on time and as directed. There was a significant change order for this project, which is the subject of a Staff Report discussed earlier this meeting.

### La Nebia Winery

The La Nebia Winery bypass pipeline is 70% installed at the time of this writing. We have worked out an agreement with the Cozzolinos for access to the pipe as needed. The pipeline extends down the farm road and completely circumvents the La Nebia property. The fire hydrant will be moved away from the road which lowers the chance of being hit once again by a passing motorist. This project should be completed by the end of the month.

### Denniston Dredging 2017

The contractor and biologist are lined up to start the Denniston Dredging on the first week of October. The spoils site is being prepared over the next two weeks.

### Nunes Filter Valve Replacement Project

Another surface wash valve failed in August and was replaced within the week. All wiring for the surface wash as well as for all the other valves have been pulled and is in place for hook-up when needed. The surface wash valves for filters 1 and 3 have been replaced, integrated into SCADA and fully operational. The surface wash valves for filters 2 and 4 will be complete by the end of the year.

### **Farewell**

I cannot express enough my gratitude to have been able to serve as Superintendent for CCWD these last dozen years. The improvements in reliability, production and water quality that we have been able to make in this time is far beyond what I originally thought that we could achieve. I must acknowledge the fine people with whom I have worked, especially Sean Donovan and John Davis and the field crew. Much of my success here is solely attributed to their hard work, diligence and care. I am leaving with the satisfaction that these last years of my professional career were filled with significant accomplishments and rewarding friendships.