

## **MONTHLY REPORT**

**To:** David Dickson, General Manager  
**From:** Joe Guistino, Superintendent of Operations  
**Agenda:** February 10, 2009

**Report**  
**Date:** February 3, 2009

---

### **Monthly Highlights**

#### Canada Cove

Canada Cove is pursuing the engineering needed to correctly size a fire flow meter to be installed on their inlet. We have added check valves just past our meter as an interim measure.

#### Student Tour

Steve Twitchell, Sean Donovan, Don Patterson and myself conducted a tour of Nunes WTP for 33 1<sup>st</sup> and 2<sup>nd</sup> graders from Seacrest school on Tuesday, 13 January.

#### Top Ops

Treatment Supervisor Steve Twitchell and Senior Operator Sean Donovan have entered the 2009 Top Ops Competition at the Cal/Nev Section AWWA Spring Conference in Santa Clara. They have recruited an operator from the Montara Water and Sanitary District to join their team. They will be called the Water Dawgs.

#### Denniston Storage Tank Modification Project

Denniston Tank was taken off line for draining on Wednesday, 14 January. Tank modifications are complete. The painting contractor is presently preparing the tanks for coatings. Once coated, the tank will be reconnected with the new external plumbing. This project will be complete in February.

### **Source of Supply**

Crystal Springs Reservoir and Pilarcitos Wells 4A and 5 were the main source of supply in December.

### **Systems Improvement**

#### Alarm System

Improvements were made on the Nunes alarm panel to increase it's reliability from failure. Also installed an audible alarm at the Nunes WTP.

### Denniston Return Wash Water System

This system was tested this month and it promises to work well.

### Server Station Improvement

District crews installed a fan and a circulation system for the District's mainframe and server.

### **Update on Other Activities:**

#### .New Temp Worker

The new temp worker, Dustin Jahn, started on Monday, 13 January.

### Meter Change-Out Program

Crews replaced the meter heads on all of our well meters.

### Canada Cove

Since Canada Cove is still on the storage tank part of the time, I dispatched a letter to them on Tuesday, 20 January to have check valves installed on both of their meters by 4 February. District Engineer and myself met with Leroy Daniels on Thursday, 29 January, to discuss further options for safe and sustainable domestic and fire water supply to Canada Cove. They are to have a qualified engineer size the right size Fire Service Meter and to have it approved by us. If the bypass on the Fire Service meter is greater than their present 1" and 2" connections, they must purchase additional capacity. Once we approve the fire service meter, we must draft a water service agreement that states that they will not expand beyond their present capacity.

### Evergreen Nursery

The present District line extending to Evergreen Nursery, Blue Sky, Spanishtown etc. is located on the parcel purchased by the City of HMB from POST. There was a temporary easement granted for that line but it has since expired. I petitioned the City to grant us a permanent easement but they found that they cannot grant any easements since POST may repossess the land. We are awaiting a response from POST.

### Student Tour

Steve Twitchell, Sean Donovan, Don Patterson and myself conducted a tour of Nunes WTP for 33 1<sup>st</sup> and 2<sup>nd</sup> graders from Seacrest school on Tuesday, 13 January.

### Pilarcitos Wells

Lack of sufficient water in Pilarcitos Creek prompted us to shut off the Pilarcitos Canyon Wells on Monday, 12 January.

### Top Ops

Treatment Supervisor Steve Twitchell and Senior Operator Sean Donovan have entered the 2009 Top Ops Competition at the Cal/Nev Section AWWA Spring Conference in Santa Clara. They have recruited an operator from the Montara Water and Sanitary District to join their team. They will be called the Water Dawgs.

### Cathodic Protection Test Stations

The crews found and marked all of the cathodic protection test stations associated with the Crystal Springs pipelines. Corpro, a firm that specializes in testing cathodic protection systems, came out on the week of the 5<sup>th</sup> to check the status of these stations and the pipelines.

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

#### Meetings Attended

30 December - Jim Teter to discuss Pacific Ridge, STI, south of town pipeline and Canada Cove.

14 January - Joe Camicia of SM County Planning to visit the Pilarcitos culvert repair site.

15 January - Kennedy Jenks on the Pilarcitos/Crystal Springs blending station and alternative treatment at Denniston.

15 January - Facilities Committee

20 January - National Meter and Automation Inc gave a demonstration as to how to read the AMR profiles with a laptop and special software in lieu of purchasing a RADIX.

21 January - Quarterly lunch with Dave Lea to discuss operational issues common to both of us.

21 January - All employee meeting.

27 January - Met with Barry Thompson at Pilarcitos Canyon to get his ideas and a proposal for a stream flow diversion plan for the Pilarcitos Canyon Culvert Replacement Project.

29 January - Met with Leroy Daniels and Jim Teter on the Canada Cove action plan.

#### Safety Committee and Training

The Safety Committee met on 14 January to discuss confined spaces.

### **Department of Public Health**

DPH turned down our request for reduced aluminum monitoring at Nunes.

### **Projects**

#### Tank Recoating Projects

We have completed the RFP for the tank lining and recoating projects. We will be starting with Miramar and Half Moon Bay Tank #1. Once the technical specifications for the ladder retrofit are complete, we will be taking these out to bid. Bid documents should be sent out in February.

#### Short Term Improvement Project

Met with Jim Teter on 29 January as to progress. At this time there may not be enough funding to complete both Denniston and Nunes and so we may defer the Denniston phase until it becomes more clear as to how successful we are with

dredging this summer. Teter is working with Tom Frisch and expects to be able to go out to bid in March.

#### Denniston Storage Tank Modification Project

Denniston Tank was taken off line for draining on Wednesday, 14 January. Tank modifications are complete. The painting contractor is presently preparing the tanks for coatings. Once coated, the tank will be reconnected with the new external plumbing. This project will be complete in February.

#### Nunes Filter Media Replacement

Treatment staff met with the contractor on Monday, 12 January, to discuss scheduling and procedures. The contractor was unclear on some procedures. I wrote them a letter on 15 January requesting an operations plan and other specific details of the project. They have responded verbally and will submit a written response this week. At this time we are reviewing media submittals and testing.

#### Nunes UST Removal and AGST Installation Project

This project was delayed in January pending the Fire District inspection and approval of the tank placement. The tank has been inspected and approved and the AGST should be connected to the generator, all fuel transferred from the UST to the AGST and the system tested this week. The UST should be removed by the end of February.

#### Denniston Rehabilitation

SM County planning has completed the Negative Declaration for the dredging and tule removal as routine maintenance activities for the Denniston Reservoir. They will distribute the document as per the CEQA process on the first week of February. The Department of Fish and Game has given us a 1600 application to sign for the Tule Removal aspect and are expected to fall in place with the dredging as part of the CEQA process. We are very confident that we will be allowed to dredge later this summer.

#### AMR Retrofit

All but three AMRs have been installed on the meters of our largest users. We will also be installing a profiler on select meters at Nurserymen's Exchange.

#### South of Town Pipeline

The design of the pipeline is complete. Of the alternatives mentioned, the only permanent solution is replacement of the entire line. We will start on the permitting process this year. The estimated cost is expected to be around \$1.4 million.