Nipomo Community Services District

Supplemental Water Project
Bid Package 4

Monthly Progress Report

Prepared By:
MNS Engineers, Inc.

June 2015

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	December 19, 2013
Original Contract Days	519
Contract Days Added	71
Revised Contract Days	590
Elapsed Time (Days)	(552)
Remaining Time (Days)	38
Contract Completion Date	August 3, 2015
Time Elapsed to Date	94%
Work Completed to Date	96%
Approved Change Orders (Days)	71 days

Budget Summary

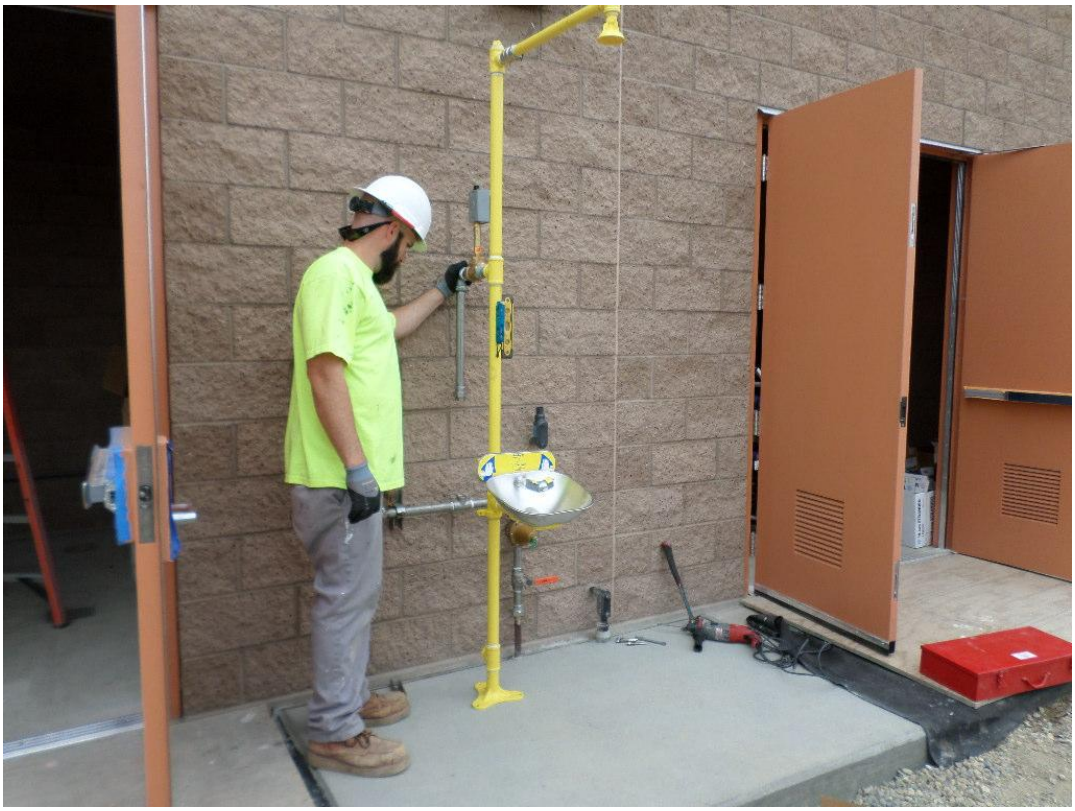
Original Contract Amount	$4,364,030.00
Approved Change Orders (Cost)	$841,564.92
Revised Contract Amount	$5,205,594.92
Previous Payments	$4,638,371.42
Current Month Pay Request	$375,848.40
Total Work Completed	$5,014,219.82
Work Remaining	$191,375.10

Progress Summary
Joshua Pump Station Site

Summary of Work:

St. Denis Electric concentrated on the pump station site in preparation for the District taking water from the City of Santa Maria on July 1. They completed all the wiring, including for the pumps, MCC, chemical feed systems, lighting and installation of the SCADA towers at the pump station and the PRV vault. Spiess installed the emergency eyewash station, completed site work by installing aggregate base for paving the driveway, and finishing installation of the ¾-inch rock and bender board around the retention basin. They finished the remaining piping, which included installation of the flow meter, and connection to the HDPE pipe which was installed in Bid Package #1. They installed temporary piping and a tank for testing the pump station prior to the District taking water from the City of Santa Maria. Central Coast Fencing was on site to install the perimeter fence and gates. Coast Painting coated bollards, and coated exterior piping and piping in the vaults at the pump station and the PRV vault, and painted the plywood wall inside the pump room. Toste Grading and Paving installed asphalt for the pump station driveway.

Pictures:



Spiess installing emergency eyewash station.

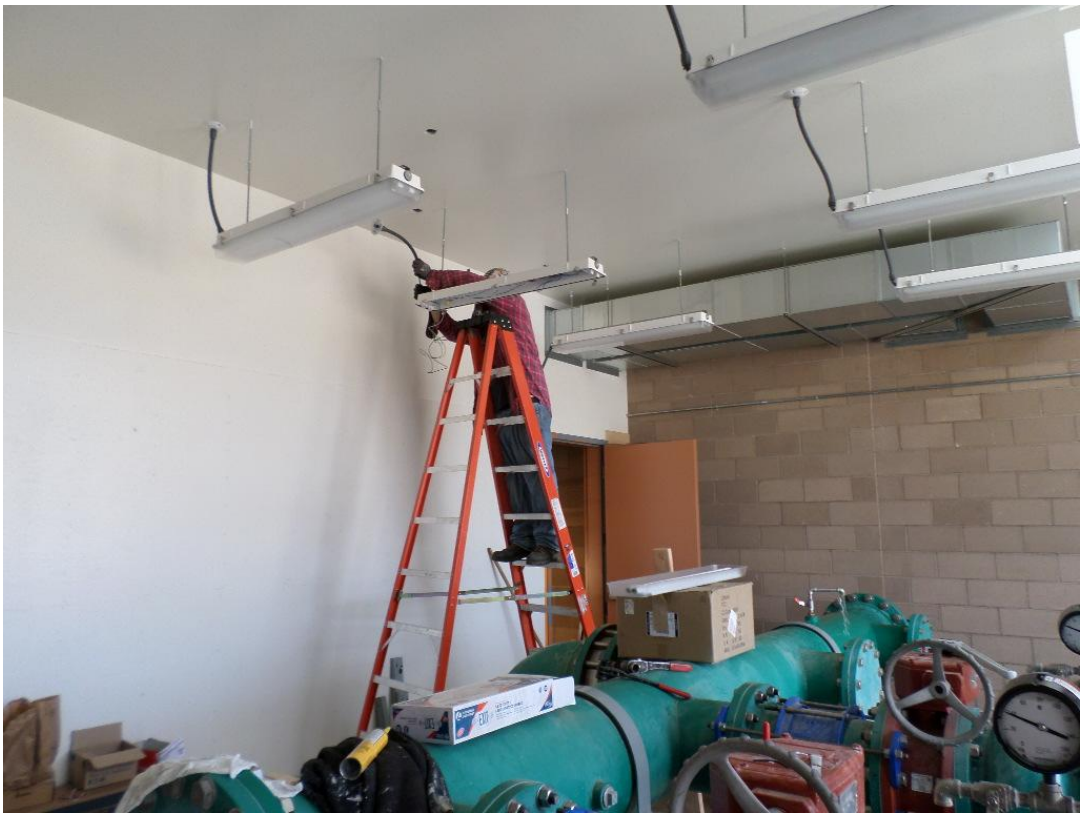
Spiess installing the valve at the surge tank.

Pipe support installed under the valve at the surge tank.

Coast Painting coating the piping and valve at the surge tank.

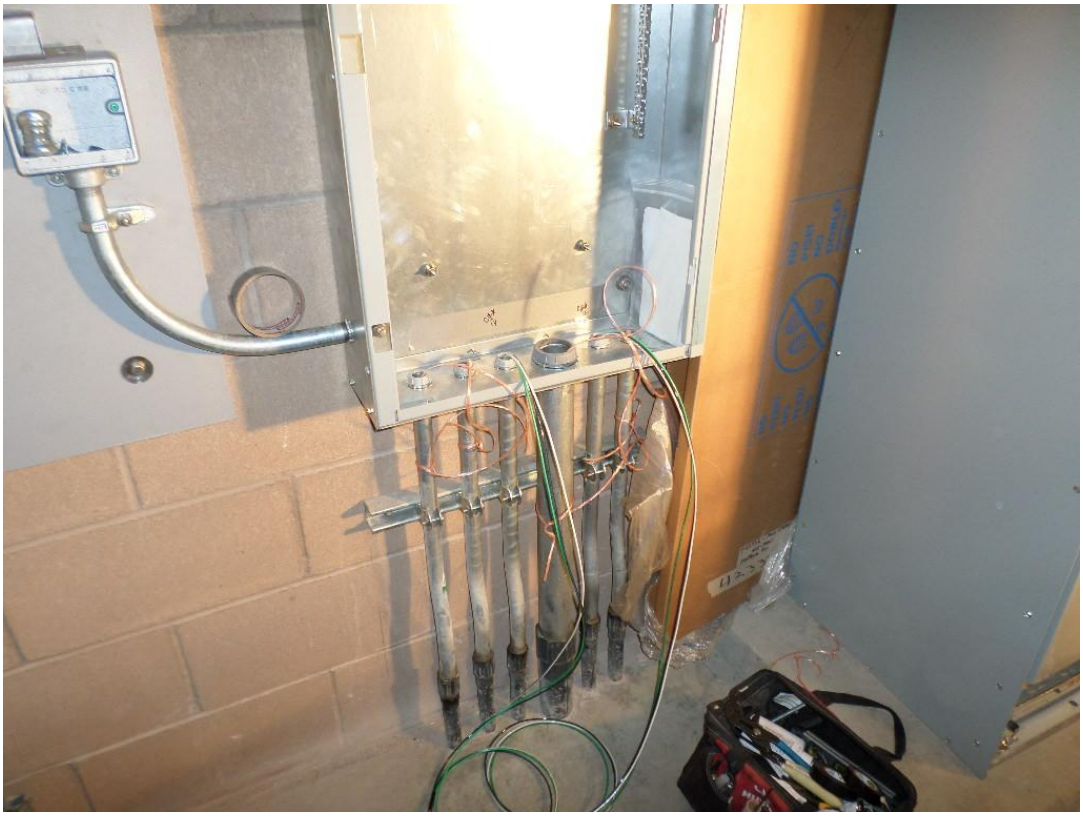
Spiess spreading ¾-inch rock around the retention basin.

Coast Painting coating bollards.



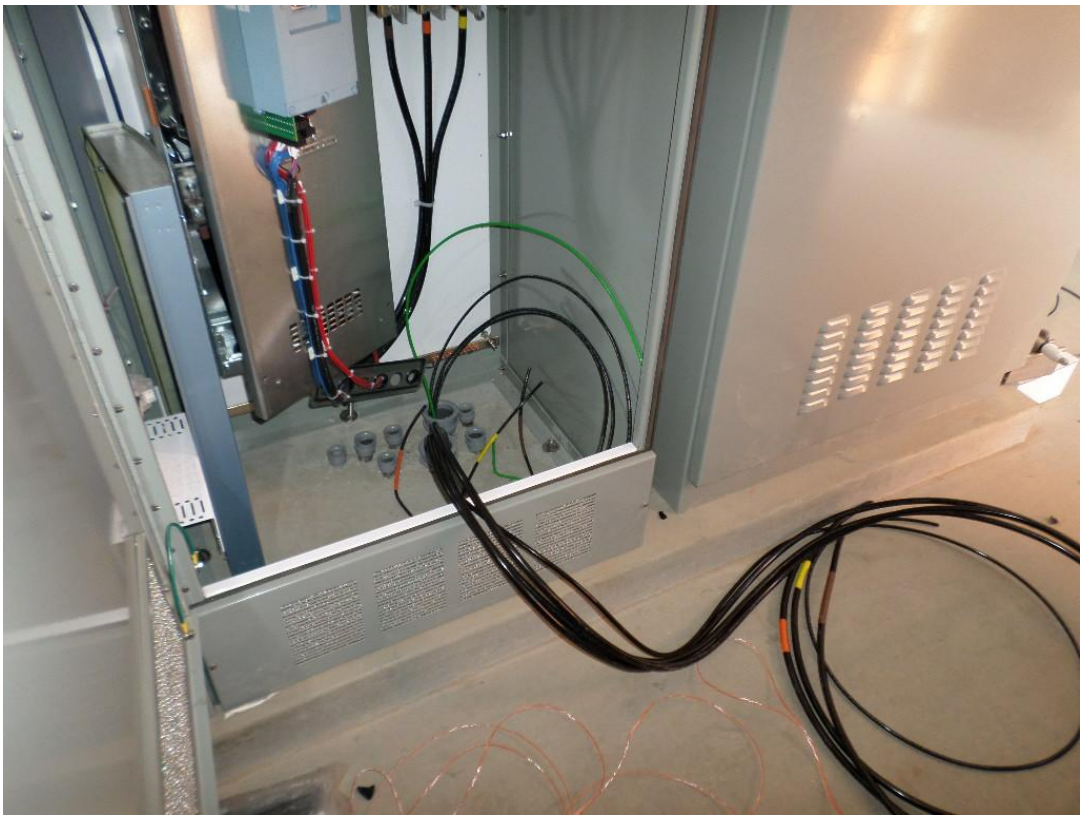
St. Denis Electric installing lighting pigtails in pump room.

St. Denis Electric installing lights in pump room.



St. Denis Electric pulling power conductors in electrical room.

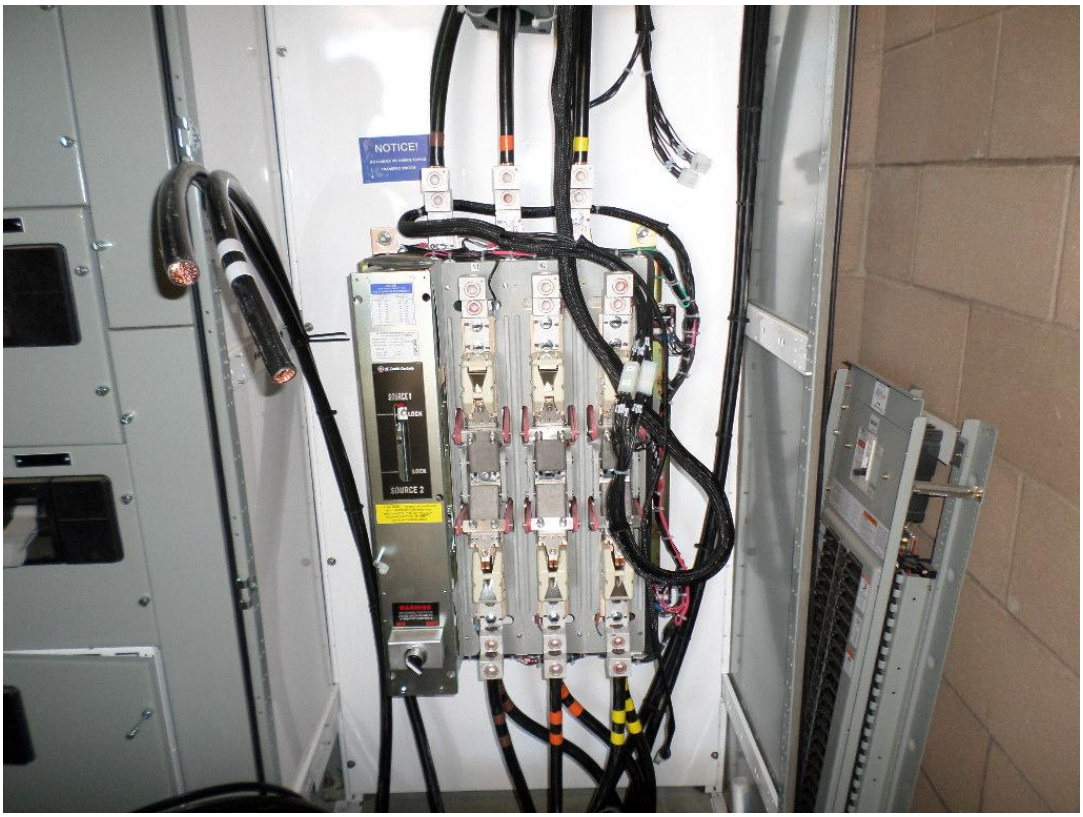
Pulling power wire to the vertical turbine pumps.



St. Denis Electric pulling power wire into the electrical room.

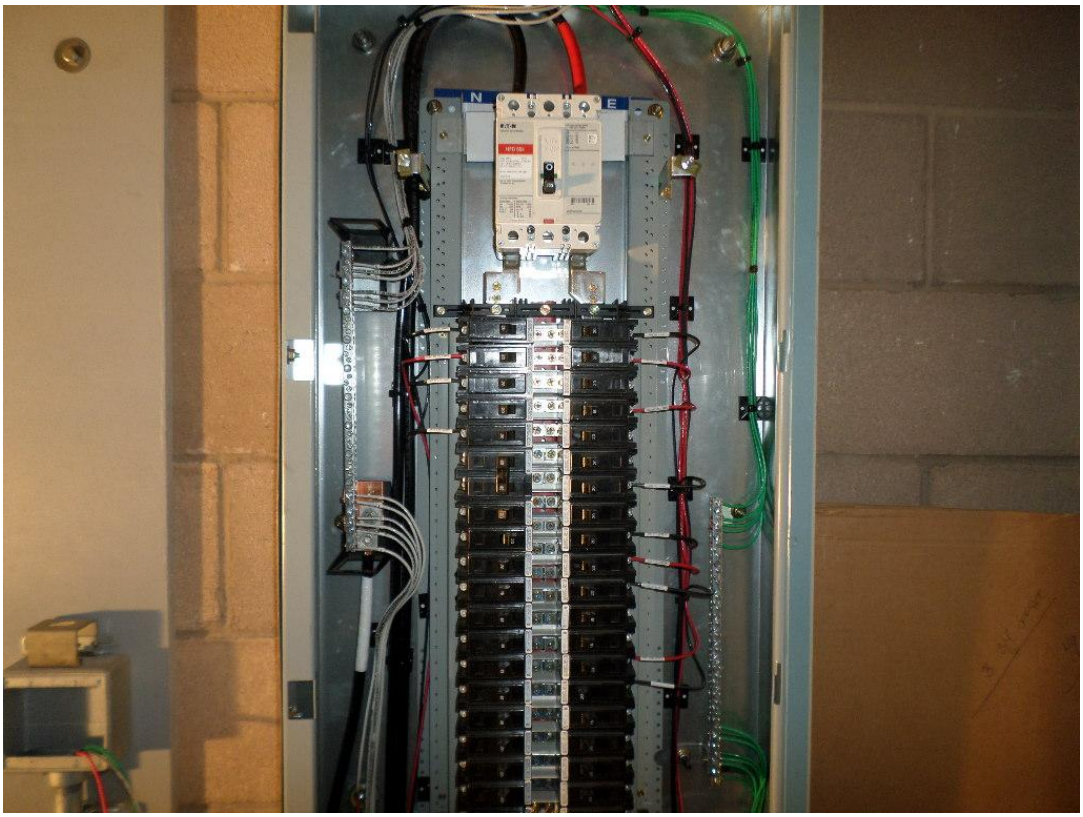
St. Denis Electric pulling wire at the ATS in the electrical room.

Pulling the wire at the ATS in the electrical room.



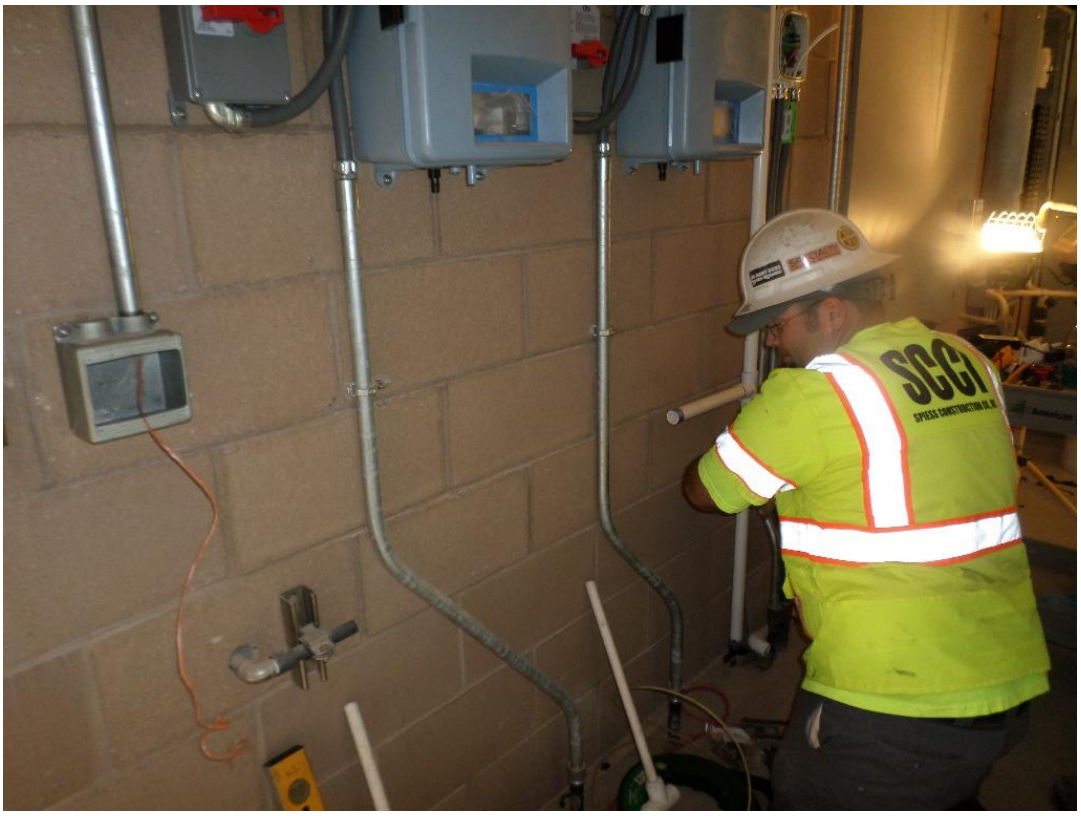
St. Denis Electric terminating the main feed at the ATS.

St. Denis Electric pulling wire to the chemical feed pumps.



Terminating wires in Panel A at the pump station.

Spiess installing chemical feed pump piping.



Spiess installing chlorine analyzer piping.


Coast Painting coating discharge piping inside the pump station.

Central Coast Fencing augering fence post holes at the pump station site.


Central Coast Fencing pouring concrete to set fence posts.

Central Coast Fencing setting fence posts.

Setting fence posts.

Central Coast Fencing installing fence fabric.


Central Coast Fencing completing fencing installation.

Central Coast Fencing completing fence installation.

Central Coast Fencing completing fence installation.

Fence installed at the pump station.

Central Coast Fencing installing access gate for PG&E at transformer.

Central Coast Fencing installing 8-foot site access gates.

Spiess installing border for pavement for pump station driveway.

Spiess compacting base in preparation for driveway paving.

Toste Grading and Paving preparing base for asphalt.

Toste Grading and Paving preparing base for asphalt.

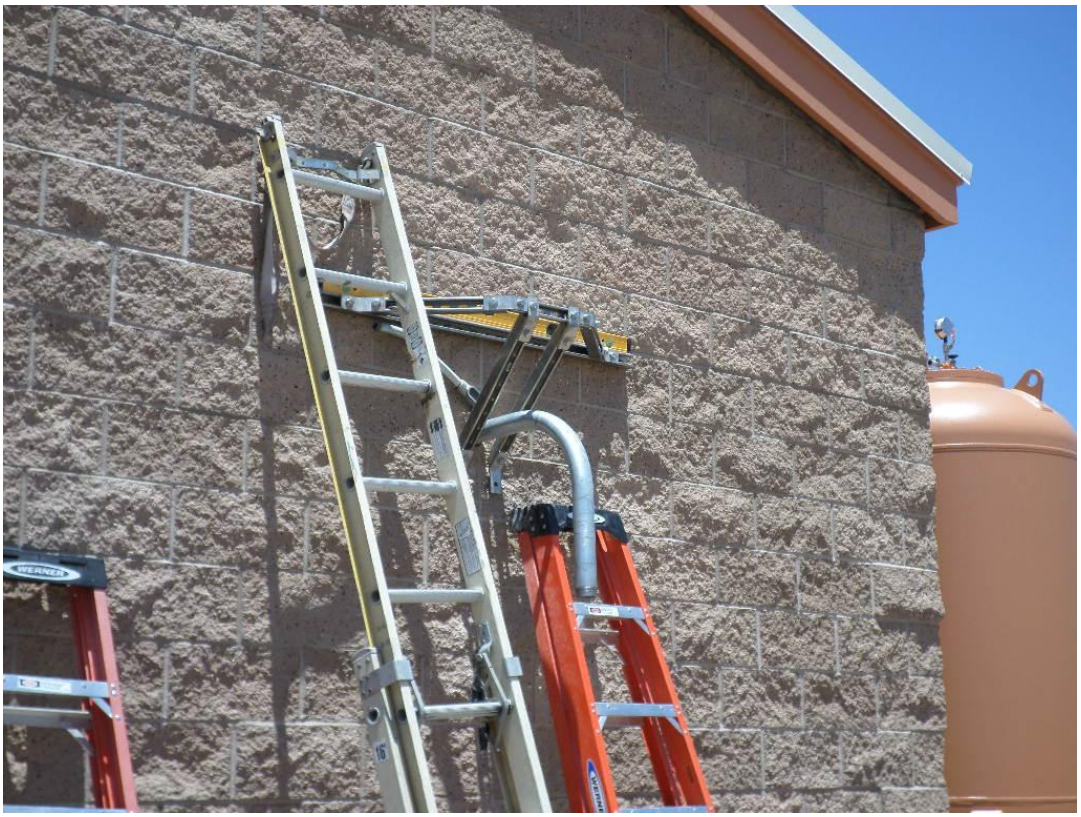
Toste Grading and Paving rolling first lift of asphalt for pump station driveway.

Toste Grading and Paving laying out drainage swale for pump station driveway.

Coast Painting coating roof hatches.

Painting plywood wall inside pump room.

DAHL Air Conditioning installing AC duct supports.



St. Denis Electric setting up support brackets to mount SCADA antenna to the building.

Installing emergency stop buttons (E-stops) at the vertical turbine pumps.

Setting up Emergency Generator at pump station.


Spiess installing the flow meter in the flow meter vault at the pump station.

Flow meter installed in flow metering vault.

Spiess preparing to connect the 24-inch DIP pipe from the pump station to the HDPE pipe from Bid Package #1.

Connection of the 24-inch DIP to the HDPE pipe from Bid Package #1 completed.

Connection wrapped in plastic and ready for backfill.

Spiess backfilling pipe connection.


Spiess backfilling connection of pump station to HDPE pipe.

Temporary tank and piping installed in preparation for testing the pump station prior to taking water from the City of Santa Maria.

Temporary tank and piping for testing the pump station prior to taking water from the City of Santa Maria.

St. Denis Electric installing the pressure transmitter and conduit in the PRV vault.

Coast Painting coating pipes inside the PRV vault.

St. Denis Electric installing the SCADA tower at the PRV vault.

Blosser Road Flow Metering Station Vaults

Summary of Work:

St Denis Electric completed electrical work, conduit, pulling wires, and installing the SCADA towers and PG&E provided the power service to the site. Spiess installed bollards and demobilizing from the site.

Pictures:

St. Denis Electric installing the SCADA tower.

Installing electrical conduit in the vaults.


Installing electrical conduit in the vaults.

Coast Painting coating the pipes and appurtenances inside the vaults.

PG&E on site to provide power service to the site.

Spiess installing bollards.

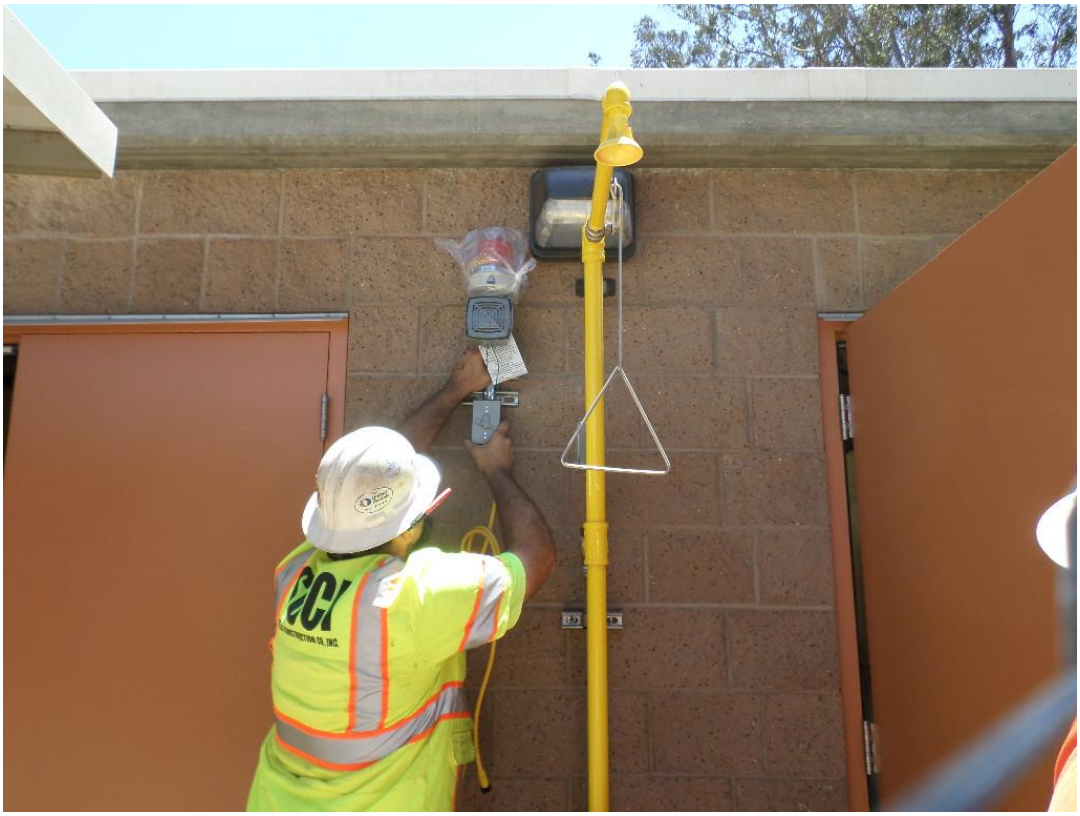
St. Denis Electric pulling wire to electrical and control panels.

Sundale Well Site

Summary of Work:

Emergency eyewash stations were installed, and the District and Spiess worked on start-up issues and off-gassing of the sodium hypochlorite system.

Pictures:



Spiess installing the emergency eye wash station.

Via Concha Well Site

Summary of Work:

No work occurred at this site.

Blacklake Well Site

Summary of Work:

Emergency eyewash stations were installed, and the District and Spiess worked on start-up issues and off-gassing of the sodium hypochlorite system.

Eureka Well Site

Summary of Work:

The District and Spiess worked on start-up issues and off-gassing of the sodium hypochlorite system.

Drain Line and Mixers at Tanks

Summary of Work:

Spiess worked at the Quad Tanks to complete installation of a 4-inch drain line and conduit for future equipment to be installed by the District for chloramination at the tanks. They had all the tanks inspected and cleaned, and then staged materials for installing the mixers which will assist the District in providing uniform disinfection in the tanks.

Pictures:

Spiess removing pavement for in preparation of trench excavation for drain line and conduit at the Quad Tanks.

Spiess excavating trench to prepare for installation of drain line and conduits at the Quad Tanks.

Spiess placing sand in trench at Quad Tanks.

Spiess installing the 4-inch drain line at the Quad Tanks.

Installing the 4-inch drain line at the Quad Tanks.

Conduit installation at the Quad Tanks.

Pull boxes being installed at the Quad Tanks.

Spiess installing base in trench in preparation for paving.

Spiess staging materials for mixer installation at the Quad Tanks.

Spiess excavating trench for the 4-inch drain line and conduit at the Standpipe Tank.

Drain line and conduit being installed at the Standpipe Tank.

Slurry poured over the 4-inch drain line and conduits at the Standpipe Tank.