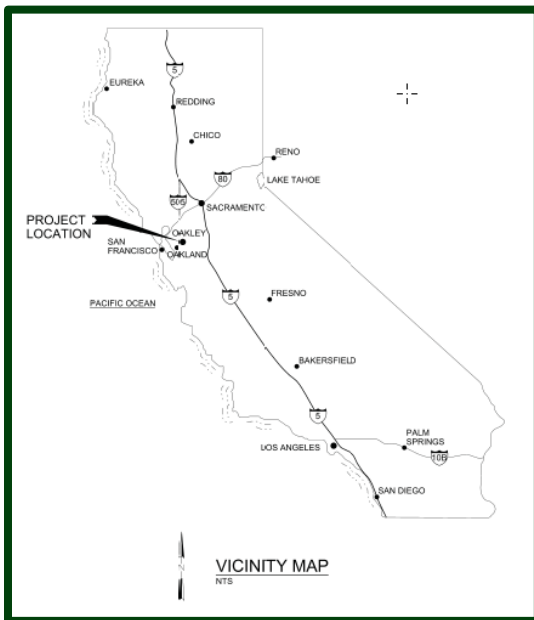




IRONHOUSE SANITARY DISTRICT

WRF PHASE 1 IMPROVEMENTS PROJECT



Construction Progress Report

March 1st through 31st, 2020

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Section 1 - Executive Summary

Contract Number	ISD-19-01
General Contractor	Anderson Pacific
Design Engineer	Waterworks Engineers
Construction Manager	AnchorCM
Contract Bid Amount	\$1,736,000.00
Current Contract Value	\$1,764,706.76
Change Orders to Date/Value	\$28,706.76
Pending/Anticipated Change Orders	\$30,000
Notice to Proceed	June 19, 2019
Original Contract Time	270 Days (calendar)
Contract Change Order(s) Time Extension	23 Days
Revised Contract Time	293 Days
Days Elapsed	286 Days
Days Remaining	7 Days
Weather Days - Accepted to Date	0 Days
Contract Completion	April 7, 2020
Total Project Time Expended	97.6%
Total Project Cost Invoiced	\$1,677,365.84 (95.05%)
Total Project Cost Expended	\$1,396,182.55 (79.12%)

Section 2 – Project Description

The Project consists of the construction of a liquid aluminum sulfate storage and feed system; replacement of odor control biofilter media; and the installation of various process piping and electrical improvements to support retrofits of primary screening and screening handling equipment performed by the original equipment manufacturer at the existing wastewater treatment plant.

Section 3 - Work Progress during March 2020

The following work was accomplished during March:

1) Alum System

- Terminate pump and flowmeter power.

2) Aeration Basins

- Installed 18" butterfly valve and additional components in basins 1, 2 and 3.

3) Hot Water System

- Startup hot water system.

4) New FRP Ductwork

- Install 18" ductwork.
- Installed 24" ductwork and grease trap filter.

Section 4 - Schedule Status

The project is technically on schedule. The contractor was delayed for 23 days for additional work at the south biofilter. The 23-day time extension will put the new contract completion date at April 7, 2020. Contractor may finish before April 7, 2020.

Section 5 - Construction Budget Status

\$1,677,365.84 has been invoiced by Anderson Pacific to date.

Section 6 - Change Order Summary

There have been six change orders generated to date:

1. Change tepid water piping from galvanized piping to copper. - \$3,191
2. Change i) thickness of pipe support from ½-inch to ¾-inch and ii) material for emergency shower and eyewash stations from galvanized to stainless steel. - \$5,831.66
3. Removal of woodchips from the north biofilter, and repairs to all edge boards and stakes - \$11,493.18
4. Changes made at south Biofilter - \$8,967.64
5. Changes made at the influent pump station - \$8,040.00 (Credit)
6. Re-route fan conduit at the influent pump station - \$7,264.19

Section 7 - Potential Claims or Delays

There are currently no potential claims on the project.

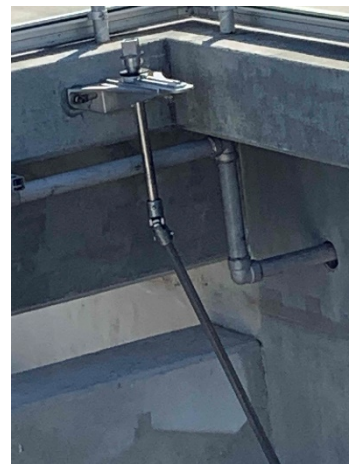
Section 8 - Major Work Items Planned for April 2020

The contractor's plan for the month of April or when the COVID-19 Shelter-in-place is lifted:

- 1) Install final booster pump.
- 2) Connect compressed air lines at three locations.
- 3) Install overflow pipe and additional electrical work for drum screen
- 4) Install grating at influent pump station
- 5) Paint HW, UW and booster pump lines
- 6) Insulate TW, UW and HW pipes

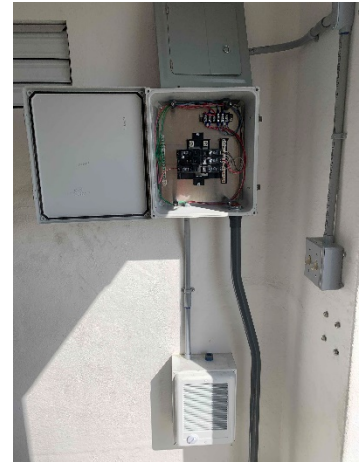
Section 8 - Photos

Aeration Basins



Ironhouse Sanitary District – Water Recycling Facility – Phase 1 Improvements

Hot Water System



New FRP Ductwork



Ironhouse Sanitary District – Water Recycling Facility – Phase 1 Improvements

