

STAFF REPORT

To: Coastside County Water District Board of Directors

From: James Derbin, Superintendent of Operations

Agenda: March 14, 2023

Date: March 10, 2023

Subject: Nunes Water Treatment Plant Upgrades Project Update #19

Informational Item

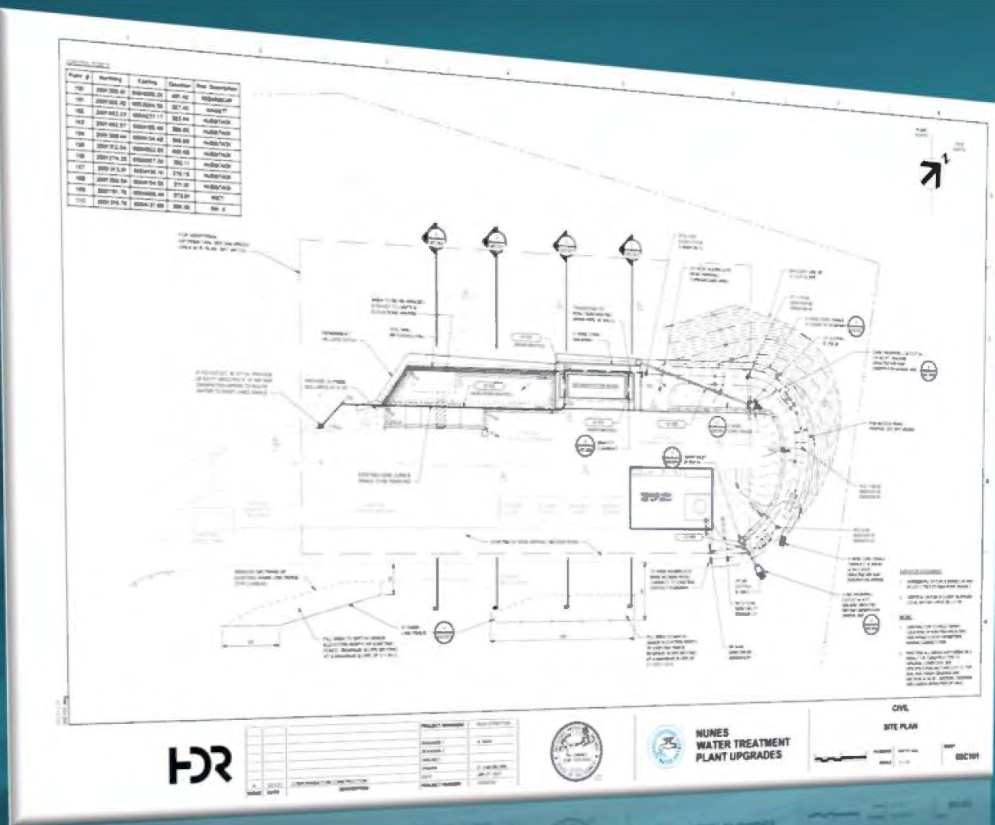
The Nunes Water Treatment Plant Upgrade Project official contractual start date was August 16, 2021. This is monthly project update #19.

Ranger has been able to procure most of the parts needed to remobilize and stay busy. In the last month the following progress has been made:

- Motor Control Center (MCC) Factory Testing complete
- Preparation for the interior demo of filter #4, removal of filter media and underdrain complete
- Working on layout and installation of new underdrains
- Valves scheduled for delivery early April
- Sed Basin Slide Gate expected end of April or Early May 2023

The estimated completion date has been pushed out one month to February 2024.

Freyer and Loretta, Inc., the Construction Management firm on this project has put together a brief summary of progress to date. See Attachment A.



Coastsides County Water District Nunes Water Treatment Plant Upgrades March 14, 2023 Board Meeting

Contract Data as of Board Meeting Date

Contract Time (Calendar Days)		Contract Value	
Base Contract Duration	720	Base Contract	\$8,339,915.00
<i>Approved Change Order Days Added</i>	0	Approved Change Order Added	\$0
<i>Approved Change Order Days Subtracted</i>	0	Approved Change Order %	0%
Total Contract Duration	720	Total Contract Approved	\$8,339,915.00
Elapsed (Start Date 8/16/2021)	575	Billed to Date ¹	\$5,399,900.00
Remaining Days	145	Remaining Value	\$2,940,015.00

¹ Billed to date value is the contract work complete including the 10% retention that will be paid to Contractor upon project completion.

Construction Progress Update #19

Progress since Previous Board Meeting:

- Motor Control Center (MCC) Factory Testing completed.
- Successful shutdown of Filter #4.
- Set up davit arm, ladders, and safety equipment for work in Filter #4.
- Removal of existing filter media from Filter #4.
- Demolition of filter underdrain system, chipping out all grout.
- Concrete repair meeting with team.

Construction Progress Update (continued)

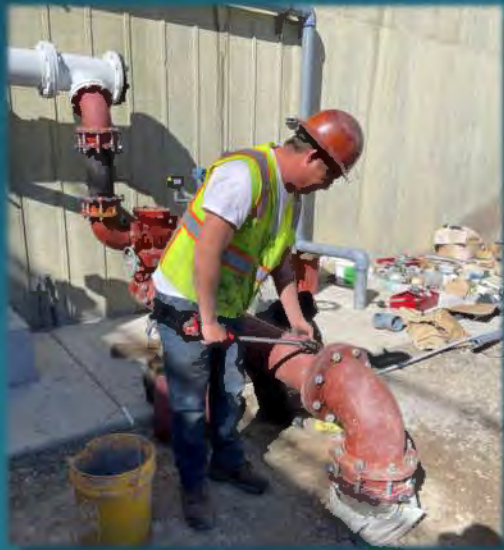
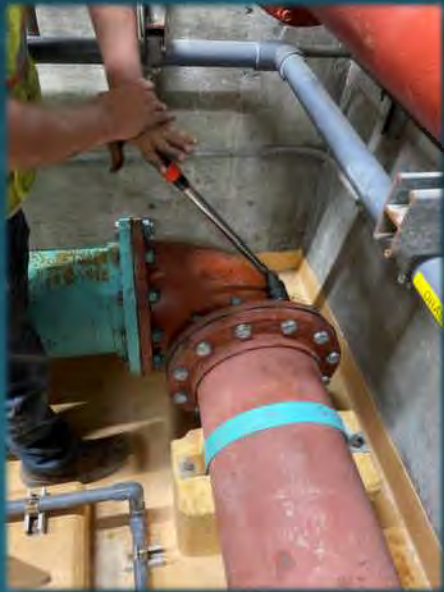
Three-Week Look Ahead Schedule:

Major items of work anticipated over next 3-4 weeks are as follows:

- Layout and setting of anchors for the Filter #4 underdrain system.
- Prepare and pour grout for the Filter #4 floor slab.
- Set up scaffolding inside Filter #4.
- Mobilize and blast existing coating in Filter #4.
- Core holes and install air scour piping.
- Concrete repair work in Filter #4.
- Set Motor Control Center (MCC) and make connections.
- Water testing of the new caustic soda tank.
- Testing of the new caustic pumps and valves.

Overall Project Schedule:

- The alternate Variable Frequency Drive (VFD) has been approved and is anticipated to be onsite May 2023. The critical path valves are now anticipated to be onsite in early April 2023.
- Estimated completion date is February 2024 but is pending supplier delivery of the VFD and valves.



Construction Photos