

STAFF REPORT

To: Coastside County Water District Board of Directors

From: James Derbin, Superintendent of Operations

Agenda: September 12, 2023

Report

Date: September 8, 2023

Agenda Title: Nunes Water Treatment Plant Upgrades Project Update #25

Informational Item

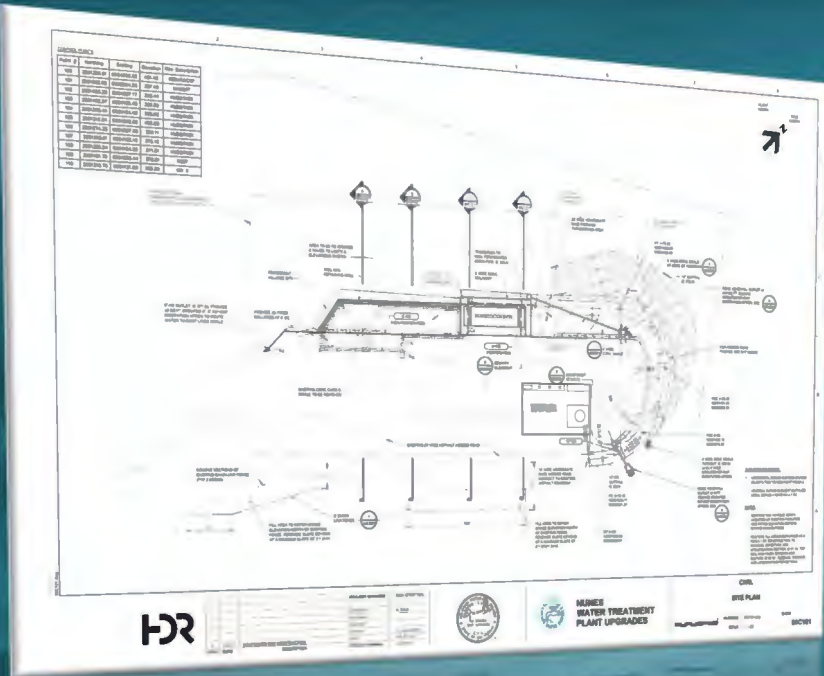
The Nunes Water Treatment Plant Upgrade Project official contractual start date was August 16, 2021. This is monthly project update #25.

In the last month the following progress has been made:

- Sedimentation basin electrical is complete and sludge system tested
- Filter 3 rehabilitation started
 - Filter valves changed out
 - Media removed
 - Underdrain demolition complete
 - Installation of anchor and supports for new underdrain system
 - Concrete and crack repairs
 - New grout floor poured

The estimated completion date has been pushed out to June 2024. Contractor may be done as early as April 2024.

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



Coasts County Water District Nunes Water Treatment Plant Upgrades September 12, 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>	321	Approved Change Order Added	\$99,263.80
<i>Approved Change Order Days Subtracted</i>	0	Approved Change Order %	1.2%
Total Contract Duration	1,041	Total Contract Approved	\$8,439,178.80
Elapsed (Start Date 8/16/2021)	757	Billed to Date ¹	\$7,184,000.00
Remaining Days	284	Remaining Value	\$1,255,178.80

¹ Billed to date value is the contract work complete including the 5% retention that will be paid to Contractor upon project completion.

Construction Progress Update #25

Progress since Previous Board Meeting:

- Complete electrical work at new sedimentation tank
- Dry-run start-up for plate settler system
- Shut down filter 3.
- Installation of two 12-inch Filter Backwash Supply (FBS) valves
- Removal of existing valves and installation of two 6-inch Treated Water (TW) valves.
- Removal of existing valves and installation of 12-inch Settled Water (SW) and 20-inch drain valves.
- Removal of existing media in Filter 3.
- Demolition of existing underdrain system and additional grout pockets per site meeting on August 18 in Filter 3.
- Layout and install anchors and supports for under drainage and piping
- Repair concrete cracks on floor of Filter 3.
- Pour grout floor

Construction Progress Update (continued)

Three-Week Look Ahead Schedule:

- Install air scour piping for Filter 3
- Set up scaffolding in preparation for Filter 3 coating
- Sandblast Filter 3
- Repair concrete cracks on wall of Filter 3
- Paint Filter 3
- Install underdrainage system

Overall Project Schedule:

- Expected project end-date June 2024. Completion could be as early as April 2024



Construction Photos