

STAFF REPORT

To: Coastside County Water District Board of Directors

From: James Derbin, Superintendent of Operations

Agenda: April 9, 2024

Report Date: April 5, 2024

Agenda Title: Nunes Water Treatment Plant Upgrades Project Update #32

Informational Item

The Nunes Water Treatment Plant Upgrade Project official contractual start date was August 16, 2021. This is monthly project update #32.

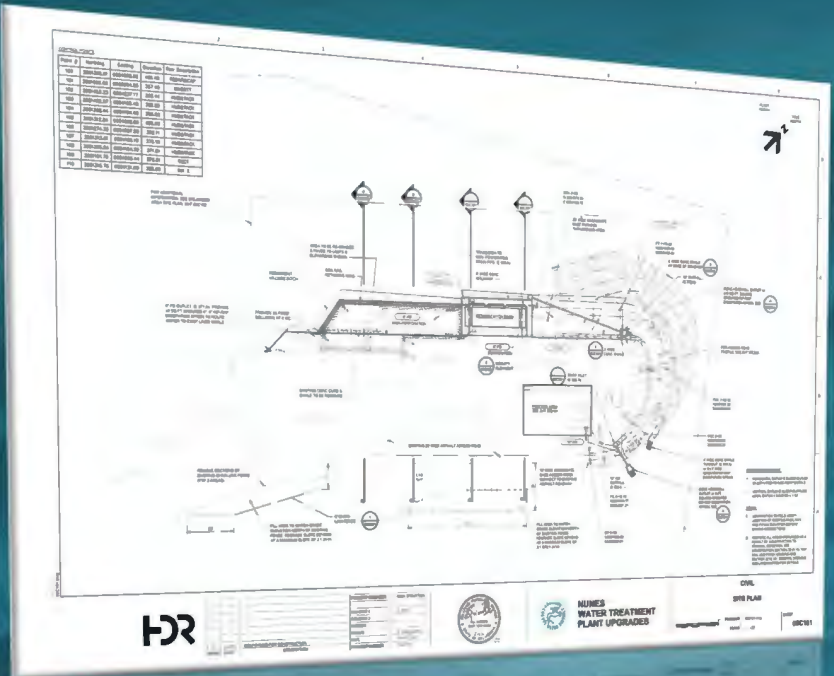
In the last month the following progress has been made:

- Filter 1
 - Endura flex coating applied
 - Installed air scour piping and valves
 - Commissioning of valves

- Clearwell
 - Bypass tanks in place
 - Crack injections in clear well floor and lower walls completed
 - Clear well concrete site inspection/review with HDR
 - Endura flex coating applied

Estimated completion date is June 2024. Contractor may be done as early as May 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.



Coastside County Water District Nunes Water Treatment Plant Upgrades April 09, 2024 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)	967	Billed to Date ¹	\$8,337,878.80
Remaining Days	74	Remaining Value	\$101,300.00

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

Construction Progress Update #32

Progress since Previous Board Meeting:

- Endura flex coating application in Filter 1.
- Install air scour piping and valves in Filter 1.
- Commissioning of valves in Filter 1.
- Preparation work inside clear well.
- Crack injections in clear well floor and lower walls.
- Clear well concrete crack inspection site meeting with HDR.
- Crack injections for clear well walls
- Application of Endura flex coating in clear well
- Painting of pipes inside filter gallery and along the perimeter of the treatment plant.

Construction Progress Update (continued)

Three-Week Look Ahead Schedule:

- Preparation work for underdrain installation in Filter 1
- Installation of underdrain system in Filter 1
- Preparation work for placing media in Filter 1
- Placement of media and disinfection of Filter 1
- Demobilization of scaffolding in the clear well
- Reconnect piping to clear well
- Disinfection of clear well and return facility to service
- Disassemble and demobilize temporary tanks system
- Nunes Plant shutdown and reconnect Treated Water (TW) pipe

Overall Project Schedule:

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



Construction Photos