

## **STAFF REPORT**

**To:** Coastside County Water District Board of Directors

**From:** James Derbin, Superintendent of Operations

**Agenda:** March 12, 2024

**Report Date:** March 6, 2024

**Agenda Title:** Nunes Water Treatment Plant Upgrades Project Update #31

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### **Informational Item**

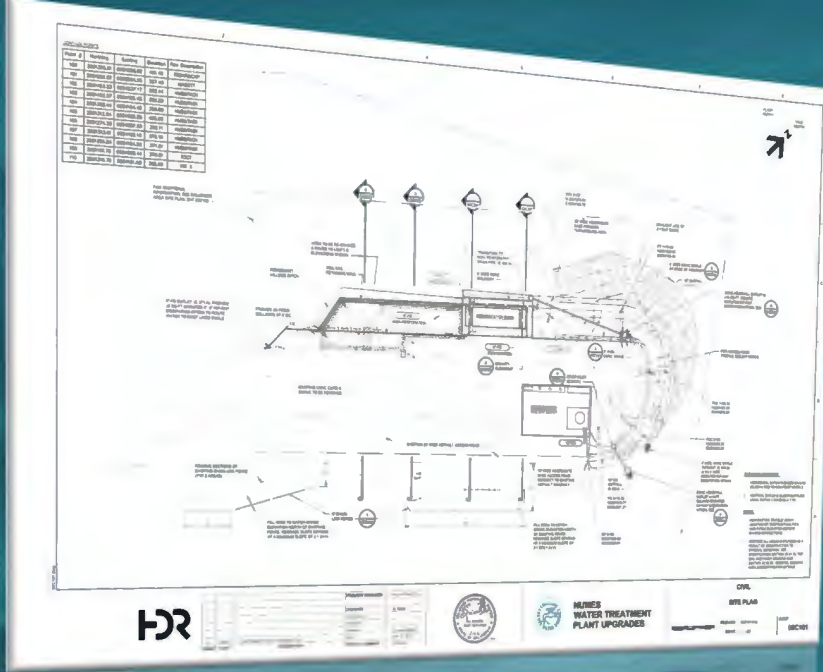
The Nunes Water Treatment Plant Upgrade Project official contractual start date was August 16, 2021. This is monthly project update #31.

In the last month the following progress has been made:

- Filter 2
  - 30-day commissioning period near complete
- Filter 1
  - Grout floor
  - Blast and prep
  - Crack repair
  - Coating
- Clearwell
  - Bypass tanks in place
  - Drained and bypassed
  - Work in clearwell begins

Estimated completion date has been pushed out to 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 March 12, 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)	939	Billed to Date <sup>1</sup>	\$8,145,553.80
Remaining Days	102	Remaining Value	\$293,625.00

<sup>1</sup> 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 #31

## Progress since Previous Board Meeting:

- Layout and installation of anchors and supports for underdrain system and piping in Filter 1.
- Concrete crack repair inspection meeting in Filter 1.
- Concrete crack repair on walls in Filter 1.
- Pouring of grout floor in Filter 1.
- Mobilization of scaffolding and sandblasting concrete walls and floor in Filter 1.
- Set up a temporary bypass system for clear well.
- Installation and disinfection of inlet and outlet piping.
- Testing of the temporary bypass system
- Shut down and drain clear well.
- Installation of temporary backwash piping.
- Preparation work inside clear well.



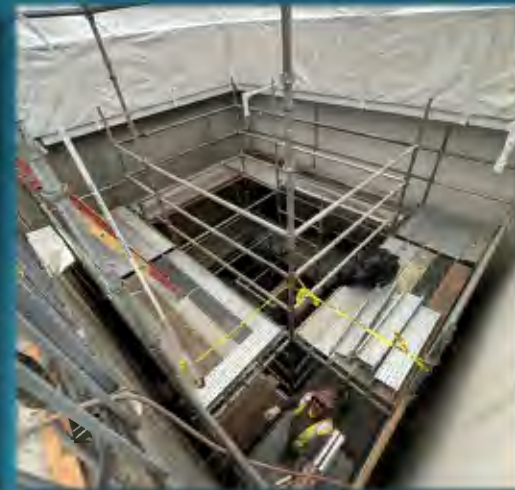
# Construction Progress Update (continued)

## Three-Week Look Ahead Schedule:

- Application of Enduraflex coating in Filter 1
- Demobilization of scaffolding in Filter 1
- Installation of air scour piping in Filter 1
- Installation of underdrain system in Filter 1
- Testing of the underdrain system in Filter 1
- Preparation work prior to placing filter media
- Commissioning of valves in Filter 1
- Preparation work prior to sandblasting in clear well
- Crack injections on the floor and lower walls in clear well
- Mobilization of scaffolding and sandblasting in clear well
- Concrete crack repair inspection in clear well
- Crack injections for walls in clear well
- Application of Enduraflex coating in clear well
- Demobilization of scaffolding in clear well

## Overall Project Schedule:

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



Construction Photos