



STAFF REPORT

Meeting Type: Operations Committee/Board of Directions
Title: Capital Improvement Program - 2024 Anode Well Replacement (D24025)
From: Alex Anaya, Director of Engineering
Through: Ben Horenstein, General Manager
Meeting Date: May 17, 2024

AA
BH

TYPE OF ACTION: Action Information X Review and Refer

RECOMMENDATION: Review and refer to a future regularly scheduled Board meeting for contract award for the 2024 Anode Well Replacement Project (D24025)

SUMMARY: The 2024 Anode Well Replacement (Project) will rehabilitate the existing anode well and install a new 11-inch diameter, 41-foot deep cathodic protection well in place. District staff will make a recommendation for contract award at a future regularly scheduled Board Meeting.

DISCUSSION: The 2024 Anode Well Replacement Project is a component of the District’s Capital Improvement Program. This Project is for furnishing labor, materials and equipment for the rehabilitation of an existing 40-foot deep cathodic protection well installed in 1965 and located in the City of San Rafael. The District has been coordinating with the County of Marin to install a new cathodic protection anode well in accordance with the County’s regulations. In order to install the planned well in-place, the existing well must be over-drilled at least 1 foot deeper and 1 to 2 inches larger in diameter.

The new anode well will be installed in-place to avoid interference with existing underground utilities present in the vicinity. Magnesium anodes are used to protect the District’s infrastructure by preventing corrosion. Corrosion to District pipelines in this area is expected due to the sodium rich San Francisco bay mud. After many decades in service, the anodes deplete more rapidly, reducing their ability to provide cathodic protection. This anode well is over 59 years old and is due for replacement.

Summaries of the estimated Project costs and Schedule are provided below.

Budget:

Engineer’s Estimate:	\$165,000
Contingency:	\$16,500
Materials:	\$1,000

District Labor/Inspection:	\$15,000
Total Budget	\$197,500
Budget Category:	A1A01

Project Implementation:

Project Advertisement:	May 21, 2024
Bid Opening	June 4, 2024
Project Award:	June 18, 2024
Estimated Completion Date	September 16, 2024
Duration:	90 days

ENVIRONMENTAL REVIEW: The Director of Engineering has found that the Project is Categorically Exempt pursuant to California Environmental Quality Act (CEQA) Guideline Section 15302 (c), Replacement of Reconstruction. The project qualifies for exemption pursuant to Section 15302 (c) inasmuch as it is the replacement of cathodic protection involving negligible or no expansion of capacity.

FISCAL IMPACT: The total cost to complete this Capital Improvement Program, 2024 Anode Well Replacement project is estimated at \$197,500.

ATTACHMENT(S):

1. Site Map