

Approve Task Order No. 1 to the Professional Services Agreement with West Yost & Associates, Inc. for \$1,146,978 and Adopt Budget Amendment Resolution for the Hexavalent Chromium Treatment Evaluation Project

Board of Directors Meeting

August 13, 2024



Our Mission

To meet the water-related needs of the people through dedicated employees, providing high quality water at a reasonable cost.

Hexavalent Chromium MCL Timeline

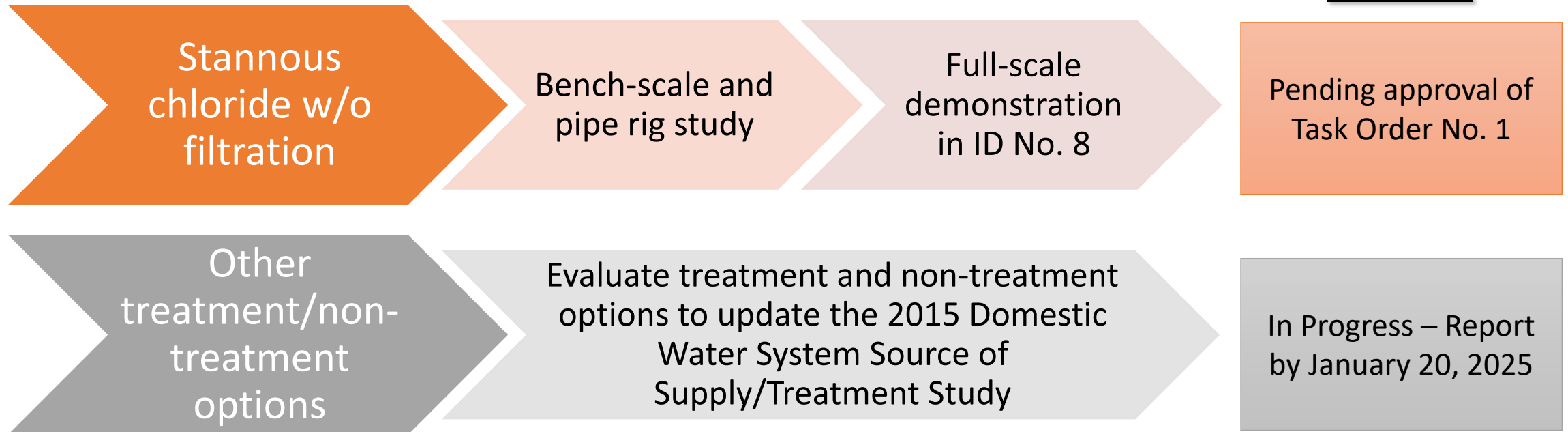
2014	California's first hexavalent chromium MCL of 10 ug/L becomes effective
2015	Board of Directors approves construction of ion exchange treatment plants for 30 wells and a resin regeneration facility
2016	CVWD conducts bench-scale demonstration of stannous chloride to reduce chromium(VI) to chromium(III) after halting treatment construction plans
2017	Superior Court of Sacramento County invalidates the hexavalent chromium MCL
2017	CVWD completes full-scale demonstration of stannous chloride without filtration in ID No. 8 system
September 2022	CVWD submits permit amendment for ID No. 8 system and Plan to implement treatment of hexavalent chromium using stannous chloride without filtration
June 2023	State Water Board issues notice of proposed rulemaking for 10 ug/L MCL
September 2023	State Water Board denies permit amendment but provides approval for extension of the full-scale demonstration in the ID No. 8 system conditioned on the development of a pipe rig study and additional customer tap sampling protocols
March 2024	CVWD submits Workplan for the pipe rig study and customer tap monitoring protocols to State Water Board
April 24	State Water Board adopts 10 ug/L MCL for hexavalent chromium
May 2024	CVWD receives approval from the State Water Board on the Workplan for the pipe rig study and customer tap monitoring protocols
October 2024	Hexavalent chromium MCL of 10 ug/L becomes effective
October 2026	Date of compliance with MCL for ID No. 8 system (1 to 9,999 service connections)
October 2027	Date of compliance with MCL for Cove Community system (≥10,000 service connections)



Current Compliance Paths

CVWD has approximately 30 wells that will exceed the hexavalent chromium MCL

Status



Staff Recommendation

- Award Task Order No. 1 to the Professional Services Agreement with West Yost & Associates, Inc. in the amount of \$1,146,978 to Implement the Workplan for the Stannous Chloride Addition Implementation Plan Amendment (Bench-Scale and Pipe Rig Study) in the ID No. 8 Public Water System
- Authorize the following expenditures in the amount of \$225,849:
 - Contingency (5%) - \$57,349
 - Project management - \$20,000
 - District labor - \$75,000
 - Chemicals - \$10,000
 - Materials, supplies, and shipping - \$27,500
 - Laboratory analyses - \$36,000
- Adopt Budget Amendment Resolution to increase the Final Budget for Fiscal Year 2024-2025 by \$1,372,827 to fund the total cost of this request

