



## SUMMARY REPORT

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**Agenda Date:** 9/23/2025

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**To:** Board of Directors, Sonoma County Water Agency

**Department or Agency Name(s):** Sonoma County Water Agency

**Staff Name and Phone Number:** Grant Davis 707-547-1911, Scott Cameron 707-292-2254

**Vote Requirement:** Majority

**Supervisory District(s):** Countywide

**Title:**

Water Transmission System Cathodic Protection Assessment

**Recommended Action:**

Authorize Sonoma County Water Agency's General Manager to execute an agreement with Accurate Corrosion Control, Inc., in substantially the form presented to this Board, for corrosion protection assessments through July 31, 2028, in the not-to-exceed amount of \$285,542.

**Executive Summary:**

Under this proposed agreement, Sonoma County Water Agency (Sonoma Water) seeks to improve the long-term reliability of infrastructure throughout Sonoma Water's water transmission system by evaluating the effectiveness of the existing corrosion protection systems, identifying deficiencies, and developing a strategy to implement improvements.

**Discussion:**

HISTORY OF ITEM/BACKGROUND

Sonoma Water owns, operates, and maintains over 80 miles of large diameter pipelines which are used to convey potable drinking water to residents in Sonoma County and Marin County. The pipelines are made of cement mortar lined and coated steel pipe. Installation dates range from the late 1950's through the early 2000's. Corrosion protection measures generally reflect the conventions at the time of construction.

Sonoma Water also owns and operates six Ranney collector wells located along the Russian River that provide water for the transmission system. All six collectors utilize an impressed current corrosion protection system to protect metallic components. In addition, Sonoma Water's above-ground steel tanks serve to provide storage and pressure throughout the water transmission system. Tanks are individually supported by a steel-reinforced concrete slab and have an epoxy coated interior and exterior. Tanks are also protected by an impressed current corrosion protection system.

Impressed current systems require periodic testing and calibration to ensure they are providing adequate corrosion protection to metallic structures. Changes in soil, water chemistry, failed equipment, and nearby pipelines from other utilities can affect the level of protection provided. Testing can also help identify where corrosion may be occurring.

SELECTION PROCESS

Accurate Corrosion Control, Inc (Consultant) was selected from a list of qualified consultants developed from a competitive selection process. Attached is a memo that explains the competitive selection process.

Consultant was selected for the subject work because of their extensive experience performing corrosion protection engineering services for water, wastewater and natural gas utilities across the United States. Notably, the Consultant has extensive experience working with PG&E's gas division in Northern California, which will benefit Sonoma Water's ongoing coordination efforts with PG&E.

#### SERVICES TO BE PERFORMED

Under the agreement, Consultant will evaluate the effectiveness of the existing corrosion protection systems, identify deficiencies, and develop a long-term corrosion protection strategy and program. The cost of services will not exceed \$285,542; the term end date is July 31, 2028.

Through the agreement, the General Manager will be delegated the authority to approve a written amendment to extend the term of the agreement for up to two additional years by providing written notice to the other party thirty days in advance of the expiration date and by executing an agreement amendment.

County of Sonoma Strategic Plan Alignment:

N/A

Sonoma Water Strategic Plan Alignment:

Goal: Planning and Infrastructure

Strategy: Conduct planning that integrates and balances operational, maintenance, and infrastructure priorities.

Action: Continue to engage in planning efforts and partnerships to protect and enhance our water supply.

Assessing Sonoma Water's water transmission system ensures the system is well-protected from corrosion, helping maintain the life of the system and protecting the region's water supply.

#### **Racial Equity:**

##### **Was this item identified as an opportunity to apply the Racial Equity Toolkit?**

No

#### **Prior Board Actions:**

1/10/2017: Board approved Third Amended Agreement for Petaluma Aqueduct Cathodic Protection Upgrade Design Services between Sonoma Water and JDH Corrosion Consultants, Inc for a new not-to-exceed agreement total of \$227,000 and end date of January 31, 2019.

6/25/2013: Board approved Second Amended Agreement for Petaluma Aqueduct Cathodic Protection Upgrade Design Services between Sonoma Water and JDH Corrosion Consultants, Inc for a new not-to-exceed agreement total of \$155,430 and end date of June 30, 2017.

4/26/2011: Board approved Agreement for Petaluma Aqueduct Cathodic Protection Upgrade Design Services between Sonoma Water and JDH Corrosion Consultants, Inc. Agreement total \$115,000, term end date July 1, 2012.

8/19/2008: Board approved agreement between Sonoma Water and JDH Corrosion Consultants, Inc. for As-Needed Cathodic Protection Systems Evaluation for a new not-to-exceed agreement total of

\$50,000 and end date of June 30, 2010.

**FISCAL SUMMARY**

<b>Expenditures</b>	<b>FY25-26 Adopted</b>	<b>FY26-27 Projected</b>	<b>FY27-28 Projected</b>
Budgeted Expenses	\$285,542		
Additional Appropriation Requested			
<b>Total Expenditures</b>	<b>\$285,542</b>		
<b>Funding Sources</b>			
General Fund/WA GF			
State/Federal			
Fees/Other	\$285,542		
Use of Fund Balance			
General Fund Contingencies			
<b>Total Sources</b>	<b>\$285,542</b>		

**Narrative Explanation of Fiscal Impacts:**

Budgeted amount of \$285,542 is available from FY 2025/2026 appropriations for the Water Transmission fund.  
No additional appropriation is required.

<b>Staffing Impacts:</b>			
<b>Position Title (Payroll Classification)</b>	<b>Monthly Salary Range (A-I Step)</b>	<b>Additions (Number)</b>	<b>Deletions (Number)</b>

**Narrative Explanation of Staffing Impacts (If Required):**

N/A

**Attachments:**

Attachment 1: Draft Agreement with Accurate Corrosion Control, Inc

Attachment 2: Competitive Selection Process Memo

**Related Items "On File" with the Clerk of the Board:**

None