



COUNTY OF SONOMA

575 ADMINISTRATION
DRIVE, ROOM 102A
SANTA ROSA, CA 95403

SUMMARY REPORT

Agenda Date: 12/3/2024

To: Boards of Directors, Russian River County Sanitation District and Sonoma Valley County Sanitation District
Department or Agency Name(s): Russian River County Sanitation District and Sonoma Valley County Sanitation District

Staff Name and Phone Number: Ellen Simm 707-521-1809

Vote Requirement: Majority

Supervisorial District(s): First and Fifth

Title:

Biotoxicity Monitoring and Related Services

Recommended Action:

Authorize Sonoma County Water Agency's General Manager acting on behalf of Russian River County Sanitation District and Sonoma Valley County Sanitation District to execute an agreement with AQUA-Science LLC, in substantially the form as the draft presented to this Board, for biotoxicity monitoring and related services through December 31, 2027, in the not-to-exceed amount of \$345,000. (First and Fifth Districts)

Executive Summary:

Pursuant to section 402 of the Federal Clean Water Act and implementing regulations adopted by the U.S. Environmental Protection Agency (EPA), the California Regional Water Quality Control Board has instructed Russian River County Sanitation District and Sonoma Valley County Sanitation District ("Districts") to have wastewater tested for a variety of toxins and biotoxicity.

Discussion:

HISTORY OF ITEM/BACKGROUND

Pursuant to section 402 of the Federal Clean Water Act and implementing regulations adopted by the EPA, discharge of treated effluent wastewater to waters of the state cannot cause receiving waters to contain toxic substances in concentrations that are toxic to, or that produce detrimental physiological responses in, humans, plants, animals, or aquatic life.

To meet these requirements, the California Regional Water Quality Control Board has instructed Districts to have wastewater tested for a variety of toxins and biotoxicity. This in-depth work requires highly trained and skilled laboratory expertise.

Sonoma County Water Agency (Sonoma Water) operates and manages Districts under contract with Districts.

SELECTION PROCESS

AQUA-Science LLC (Consultant) was selected from a list of qualified consultants developed from the June 16, 2021 competitive selection process. Attached is a memo that explains the competitive selection process.

Consultant was selected for the subject work because it is recognized as an expert in this industry and works

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with the EPA on a regular basis. In addition to overall qualifications, Consultant is familiar with National Pollutant Discharge Elimination System permit requirements because of its work on the Russian River County Sanitation District, Occidental County Sanitation District, and Sonoma Valley County Sanitation District permit renewals.

Districts may seek to amend or enter into subsequent agreement(s) with Board approval if required, relying upon this competitive selection process, after the preliminary or initial work is completed.

SERVICES TO BE PERFORMED

Under the agreement, Consultant will test wastewater for a variety of toxins by an Environmental Laboratory Accreditation Program-certified laboratory, as required by the California Regional Water Quality Control Board.

The cost of services will not exceed \$345,000; the term end date is December 31, 2027.

Under the agreement, Sonoma Water’s General Manager shall have the ability 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. The extension shall be formalized in an amended agreement or amendment signed by the parties.

County of Sonoma Strategic Plan Alignment:

N/A

Sonoma Water Strategic Plan Alignment

Goal: Environmental Stewardship

Strategy: Protect, enhance, and monitor natural resources, watershed conditions, and ecosystem health that are vital to the Russian River, Petaluma River, and Sonoma Creek watersheds.

Action: Conduct fisheries, wildlife, and water quality monitoring through existing programs and use of new technologies.

Monitoring water quality through testing of water and wastewater for biotoxicity ensures that Districts are not causing harm to humans, plants, animals, or aquatic life.

Racial Equity:

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

No

Prior Board Actions:

11/16/2021: Approved agreement with AQUA-Science, Inc., for biotoxicity monitoring. Cost: \$375,000; term end 12/30/2024.

09/11/2018: Approved agreement with AQUA-Science, Inc., for biotoxicity monitoring. Cost: \$540,000; term end 6/30/2021.

08/11/2015: Approved agreement with AQUA-Science, Inc., for biotoxicity monitoring. Cost: \$690,000; term end 6/30/2018.

12/04/2012: Approved agreement with AQUA-Science, Inc., for biotoxicity monitoring. Cost \$810,000; term end 6/30/2015.

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12/08/2009: Approved agreement with AQUA-Science, Inc., for biotoxicity monitoring.

FISCAL SUMMARY

Expenditures	FY24-25 Adopted	FY25-26 Projected	FY26-27 Projected
Budgeted Expenses	\$57,500	\$115,000	\$115,000
Additional Appropriation Requested			
Total Expenditures	\$57,500	\$115,000	\$115,000
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	\$57,500	\$115,000	\$115,000
Use of Fund Balance			
General Fund Contingencies			
Total Sources	\$57,500	\$115,000	\$115,000

Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$57,500 is available from FY 2024/2025 appropriations for the Sonoma Valley County Sanitation District fund (\$34,500) and the Russian River County Sanitation District fund (\$23,000). FY 2025/2026, FY 2026/2027, FY 2027/2028 appropriations will be budgeted in those fiscal years.

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

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

- Attachment 1: Draft Agreement with AQUA-Science LLC
- Attachment 2: Competitive Selection Process Memo

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

None.