

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: ANDREW ROMERO, WASTEWATER RECLAMATION
SUPERINTENDENT
SUBJECT: APPROVAL OF VECTOR CONTROL SERVICES AGREEMENT
WITH MARIN/SONOMA MOSQUITO & VECTOR CONTROL
DISTRICT

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by Santa Rosa Water that the Board of Public Utilities, by motion, approve a 3-year agreement for the fiscal years of 2027-2029 with Marin/Sonoma Mosquito & Vector Control District of Cotati, CA, for Vector Control Services for a total not to exceed amount of \$217,200.

EXECUTIVE SUMMARY

Execution of the agreement provides mosquito surveillance and control on all City-owned and privately-owned properties where the City's recycled water is applied and ensures compliance with State regulations.

BACKGROUND

The City's Recycled Water Program, and use thereof, is covered under the State Water Resources Control Board Water Quality Order No. 2016-0068-DDW, Water Reclamation Requirements for Recycled Water Use (General Order). As a condition of compliance with the General Order, the North Coast Regional Water Quality Control Board also imposed Monitoring and Reporting Program (MRP) No. R1-2020-0029 on the City's use of recycled water.

Pursuant to Section 5.2 of MRP No. R1-2020-0029, the city is required to conduct routine inspections and observations of recycled water use areas for mosquitoes and other vectors. These visual observations of the agricultural use areas are to be performed during periods of recycled water use, under representative use conditions, in order to verify that areas irrigated with recycled water are managed to prevent ponding or other conditions conducive to the proliferation of mosquitoes and other vectors, and to avoid creating a public nuisance or health hazard.

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The City has contracted with the Marin/Sonoma Mosquito & Vector Control District (MSMVCD) for many years to monitor recycled water use areas to properly manage, control, and prevent vector issues. The service that the MSMVCD provides to the City ensures continual compliance with vector control standards on all City-owned and privately-owned properties where the City's recycled water is applied.

On June 16, 2025, the BPU contract subcommittee reviewed this agreement which originally was a four-year agreement. However, due to timing constraints, the first year of the agreement was approved under the city manager's signature authority. This agreement is for the remaining three years.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not applicable.

ANALYSIS

The City provides recycled water to City-owned and privately-owned properties for agriculture irrigation. The city is required to monitor and manage usage to prevent ponding and runoff of recycled water and is prohibited from allowing ponding to occur. However, if ponding does occur, by over irrigation or a break in the distribution line, the city is required to treat and control possible vectors.

The MSMVCD is authorized by the California Health and Safety Code (CHSC) to oversee property owner and operator compliance with the CHSC relative to mosquito and vector prevention and control. MSMVCD has the authority to conduct mosquito and vector surveillance and control operations on public and private properties to prevent public health issues. As the property owner, the City is ultimately responsible for ensuring that the City's use of recycled water and vector prevention is consistent with the CHSC.

This agreement provides for MSMVCD to perform mosquito surveillance and control on the City's behalf and work collaboratively with the City on any compliance issues that may arise for three years. If the City does not contract directly with the MSMVCD for these services, MSMVCD has the authority to oversee any mosquito surveillance and control operations performed on land owned by the City to ensure that MSMVCD standards are met and MSMVCD can recoup costs incurred for this oversight. Further, if the operations are not up to mandated standards, the City could be subject to a Public Health Order to abate the vector related issues.

FISCAL IMPACT

Costs under this agreement shall not exceed \$17,400 per fiscal year for materials (larvicides and adulticides) or \$55,000 per fiscal year for labor and equipment. Funds for this expense have been appropriated with the annual Reclamation Section operating

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budget and will continue to be budgeted there for the duration of the agreement.

ENVIRONMENTAL IMPACT

The proposed action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Sections 15308 (Actions by Regulatory Agencies for Protection of the Environment) and 15301(b) (Class 1 – Existing Facilities), as approval of the agreement with the Marin/Sonoma Mosquito & Vector Control District provides mosquito surveillance and vector control services necessary to protect public health and ensure compliance with the California Health and Safety Code and recycled water regulatory requirements. The services involve routine, ongoing operational activities at existing facilities with no expansion of use or new physical development.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

ATTACHMENTS

- Attachment 1 – MSMVCD Agreement

PRESENTERS

Andrew Romero, Reclamation Superintendent

Mike Prinz, Deputy Director - Regional Water Reuse Operations