

CITY OF SANTA ROSA  
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES  
FROM: EMMA WALTON, DEPUTY DIRECTOR OF WATER REUSE  
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 four-year agreement with Marin/Sonoma Mosquito & Vector Control District, Cotati, CA, for Vector Control Services for a total not to exceed amount of \$280,000.

---

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 the conditions set forth by the State Water Resources Control Board and Department of Public Health.

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.

APPROVAL OF VECTOR CONTROL SERVICES AGREEMENT WITH  
MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT  
PAGE 2 OF 3

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 MSMVCDi 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.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

Not Applicable

ANALYSIS

The City provides recycled water to City-owned and privately-owned properties for agriculture reuse. 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.

By contracting with MSMVCD for mosquito surveillance and control services, MSMVCD will perform mosquito surveillance and control on the City's behalf and work collaboratively with the City on any compliance issues that may arise. 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 lands owned by the City, to ensure that MSMVCD standards are met and MSMVCD can seek to 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

Funds for this expense have been allocated to the 2021-22 and 2022-23 Reclamation Section budget. The proposal shall not exceed \$15,000 per fiscal year for materials (larvicides and adulticides) and shall not exceed \$55,000 per fiscal year for labor and equipment. All proposed expenditures have been budgeted for through the Reclamation section budget and would be ongoing expenditures throughout the 4-year contract.

ENVIRONMENTAL IMPACT

This agreement is not considered a project pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15378, and therefore no environmental review is required.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable

ATTACHMENTS

- Attachment 1 – MSMVCD Agreement

CONTACT

Andrew Romero, Reclamation Superintendent- Water Department,  
[Aromero@srcity.org](mailto:Aromero@srcity.org), 707-543-3439

Emma Walton, Deputy Director Water Reuse-Water Department,  
[Ewalton@srcity.org](mailto:Ewalton@srcity.org), 707-543-4516