

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION**

**MONITORING AND REPORTING PROGRAM ORDER
WQ 2021-0002-DWQ-R5S004
FOR
MADRONA VINEYARDS, LP
MADRONA VINEYARDS
EI DORADO COUNTY**

Water Code section 13267 provides that the Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) may require that any person who discharges waste within its region submit technical or monitoring reports that the Board requires to investigate water quality. This Monitoring and Reporting Program Order (MRP) is issued pursuant to Water Code section 13267 to Madrona Vineyards, LP (Discharger), Madrona Vineyards (Winery).

The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Central Valley Water Board. Failure to comply with the requirements of this MRP may subject the Discharger to enforcement action, including assessment of administrative civil liability (i.e., monetary penalties) up to \$1,000 per violation per day. (Wat. Code, § 13268)

The Discharger was issued Notice of Applicability (NOA) WQ **2021-0002-DWQ-R5S004**, enrolling the Winery under State Water Resources Control Board (State Water Board) Order WQ 2021-0002-DWQ, *General Waste Discharge Requirements for Winery Process Water*, (General Order). All reports required by this MRP are necessary to evaluate compliance with the NOA and the General Order and to assess water quality impacts resulting from Winery waste discharges.

All monitoring and reporting conducted pursuant to this MRP shall meet the requirements specified in General Order sections G.2 and G.3.

QUALITY ASSURANCE AND CONTROL

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The Discharger shall use clean sample containers and sample handling, storage, and preservation methods in accordance with approved U.S. EPA analytical methods or as recommended by the selected analytical laboratory. All analytical samples shall be labeled and records maintained to show the name of the sampler, date, time, sample location, sample type, collection method, bottle type, and any preservative used for each sample. All samples collected for laboratory analyses shall be preserved as required and submitted to the laboratory within the required holding time appropriate for the analytical method used and the constituents analyzed.

All samples submitted to a laboratory for analysis shall be identified in a properly completed and signed chain of custody form containing the sampler, date, time, sample location, sample type, collection method, bottle type, and any preservative used for each sample. The chain of custody form shall also contain custody information, including the date, time, transport method, and to whom samples were relinquished.

Consistent with Water Code section 13176, data produced and reports submitted for compliance with this General Order must be generated by a laboratory with accreditation from the State Water Board, Division of Drinking Water, Environmental Laboratory Accreditation Program (ELAP), where accreditation is specific to the analyses required, or the laboratory must hold a valid certificate of accreditation for equivalent analytical test methods validated for the intended uses and approved by the State Water Board or regional water board. The laboratory must include quality assurance/quality control data in all data reports and submit electronic data as required by the State Water Board and regional water boards. Data generated using field tests are exempt pursuant to California Water Code Section 13176. Field instruments may be used to test field parameters (such as for pH, electrical conductivity, and dissolved oxygen) provided that the operator is trained in the proper use of the instrument and each instrument is serviced and/or calibrated at the recommended frequency by the manufacturer and in accordance with manufacturer instructions. Field calibration reports shall be maintained for at least 3 years.

All sample and analysis field logs, laboratory reports, and quality assurance/quality control data shall be reported with the sample results to which it applies. The reports shall include applicable information such as the method, equipment, analytical detection, quantitation limits, recovery rates, an explanation for any recovery rate that is outside method specifications, results of method blanks, results of matrix spikes and surrogate samples, and the frequency of quality control analysis. Sample results shall be reported unadjusted for blank results or spike recovery. In cases where contaminants are detected in the quality assurance/quality control samples (e.g., laboratory blanks), the accompanying sample results shall be appropriately flagged.

EFFLUENT MONITORING

Winery effluent measurements and samples are required when process water is generated. The Discharger shall collect winery effluent flow measurements and samples after screening and at a point in the system where process water, including any process water generated from outdoor processing areas, discharges from the winery but before treatment in land application area.

Table 1. Effluent Monitoring

Parameter	Units	Sample Type	Sampling Frequency (Note 2)
Flow	gpd	Metered or calculated (Note 1)	Continuous, daily, or average daily flow
Days of operation (generating process water) (Note 3)	day	Observation	Daily
Electrical Conductivity (EC)	µmho/cm	Field	Crush-Season: Monthly Off-season: one-time

Note 1: Winery effluent flowrate (flowrate of process water to the storage tank) shall be measured directly via a flowmeter or may be calculated using an accurate alternative method (e.g., assume effluent flow is equal to facility source water use, calculate effluent flow from a daily water balance of all effluent storage tank levels).

Note 2: Winery effluent monitoring shall be conducted when process water is generated. Average daily flow method means as measured or estimated during the first seven days of the discharge occurring each month.

Note 3: Winery effluent observations for operating days only required when process water is being generated.

REPORTING

The Discharger shall submit Compliance Letters and Annual Reports.

A Compliance Letter shall be submitted any month in which a violation occurs. Additionally, the Compliance Letter shall serve as the transmittal letter accompanying each monitoring report. Standalone Compliance Letters are due by the **first day of the second month after the monitoring period**. For example, a Compliance Letter for January is due on March 1.

All monitoring results for the reporting year shall be reported in the Annual Report, which is due by **April 1 after the reporting year**. For example, the Annual Report for reporting year 2026 is due on April 1, 2027.

The reporting periods and reporting schedules are summarized in Table 2.

Table 2. Reporting Schedule

Report	Reporting Period	Due Date
Compliance Letter (Note 1)	Jan – Dec	First day of the second month after reporting period
Annual Report	Jan – Dec	April 1

Note 1: Submit for any month in which a violation or exceedance occurs. Also submit as the transmittal letter for each monitoring report.

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample location, constituents, concentrations, and observations are readily discernible. The data shall be summarized in such a manner that illustrates clearly whether the Discharger complies with this General Order and facility NOA. The Discharger shall include copies of analytical laboratory reports. Results of any monitoring done more frequently than specified in the MRP shall be reported in the next regularly scheduled monitoring report and shall be included in calculations as appropriate.

All monitoring reports and compliance letters shall comply with the signatory requirements in the Reporting Provisions section of this General Order.

All monitoring reports that involve planning, investigation, evaluation, or design, or other work requiring interpretation and proper application of engineering or geologic sciences, shall be prepared by or under the direction of persons registered to practice in California pursuant to California Business and Professions Code sections 6735, 7835, and 7835.1.

Per General Order Provision G.3.a., the Discharger shall notify the Central Valley Water Board (via telephone or email) within **24 hours** from the time the Discharger has knowledge of a violation of the General Order that has occurred, or has a reason to believe that a violation may occur, due to: 1) maintenance work, power failure, or breakdown of process water system equipment, 2) accidents caused by human error or negligence, or 3) other causes such as acts of nature. The Discharger shall also notify the Central Valley Water Board within **24 hours** in the event of a process water containment failure, a spill or unauthorized discharge.

A. GeoTracker Electronic Reporting Requirements

The Discharger shall follow the applicable Electronic Submittal of Information (ESI) requirements under the system-specific global identification number **WDR100030692** at [GeoTracker](https://geotracker.waterboards.ca.gov) database:
<https://geotracker.waterboards.ca.gov/es/login.asp>

In order to submit reports electronically, create a secure GeoTracker ESI account and log in. The account will be connected to the Global ID. The Discharger can request a username and password online, which is accessible from the 'Getting Started' section on the GeoTracker [ESI webpage](https://www.waterboards.ca.gov/ust/electronic_submittal/index.html) (https://www.waterboards.ca.gov/ust/electronic_submittal/index.html)

Additional GeoTracker support information can be found at the following:

1. 'Guides/Resources' document link in the "Tools" on the GeoTracker ESI account.

2. Resources on the GeoTracker ESI website, such as the [Beginner's Guide](https://www.waterboards.ca.gov/ust/electronic_submittal/docs/geotracker_esi_rp_beginner_s_guide_revisedoct2019.pdf)

(https://www.waterboards.ca.gov/ust/electronic_submittal/docs/geotracker_esi_rp_beginner_s_guide_revisedoct2019.pdf)

3. General GeoTracker Help Desk contact information:

Phone: 1-866-480-1028, Email: geotracker@waterboards.ca.gov

B. Compliance Letters

Compliance letters shall include the following:

1. Discharger name, facility name, facility tier, MRP number, Waste Discharge Identification Number, and contact information (telephone number and email).
2. A discussion of any violations or exceedances that occurred during the reporting period, all actions taken or planned for correcting the violations and preventing future violations, such as operation or facility modifications, and a time schedule for completing the corrective actions. If the Discharger previously submitted a report describing corrective actions or a time schedule for implementing the corrective actions, reference to the previous correspondence is satisfactory.
3. This penalty of perjury statement shall be included and signed by the Discharger or the Discharger's duly authorized representative in compliance with the Reporting Provisions section of this General Order.

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

C. Annual Reports (Tier 1)

The Annual Report shall include the following:

1. A scaled map that shows facility structures (e.g., buildings, crush pads), processing areas, process solids storage areas, ponds, land application areas, subsurface disposal areas, water supply wells, and groundwater monitoring wells, and any other relevant site features. Include identifying information, e.g., labels, well identification number, field and individual management unit numbers and acreages, etc.
2. Results of the monitoring specified in the Effluent Monitoring section of the MRP. Provide monitoring results for electrical conductivity, the total annual process flow and total days of operation for the reporting period and compare the total annual flow to the facility design flow.
3. A discussion of any violations that occurred during the reporting year, all actions taken or planned for correcting or preventing future violations, such as operation or facility modifications, and a time schedule for completing the corrective actions.
4. A summary of any changes in processing that occurred during the reporting year or planned for the next year that might affect process water flow rates.
5. Descriptions of any facility or best practicable treatment or control improvements or modifications required by the facility NOA that were begun and/or completed during the reporting year or planned for the next reporting year. Include an implementation schedule.
6. Self-certification that the facility complied with the criteria to qualify as a Tier 1 facility (except as noted in Item 3) during the current reporting year and will comply with the criteria in the next reporting year.

ADMINISTRATIVE REVIEW

Any person aggrieved by this Central Valley Water Board action may petition the State Water Board for review in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 et seq. To be timely, the petition must be received by the State Water Board by 5:00 pm on the 30th day after the date of this Order; if the 30th day falls on a Saturday, Sunday or state holiday, the petition must be received by the State Water Board by 5:00 pm on the next business day. The law and regulations applicable to filing petitions are available on the State Water Board website (http://www.waterboards.ca.gov/public_notices/petitions/water_quality). Copies will also be provided upon request.

MONITORING AND REPORTING REQUIREMENTS
MADRONA VINEYARDS
EL DORADO COUNTY

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The Discharger shall implement the above monitoring program as of the NOA effective date.

Ordered by: _____
for PATRICK PULUPA, Executive Officer

GLOSSARY

ESI	Electronic Submittal of Information
gpd	gallons per day
MRP	monitoring and reporting program
NA	not applicable
NOA	Notice of Applicability
pdf	portable document format
U.S. EPA	United States Environmental Protection Agency
Water Code	California Water Code
WDRs	Waste Discharge Requirements