
Central Valley Regional Water Quality Control Board

2 October 2026

JWC Vineyards, LLC
Jeremy Wine Co.
16750 Highway 88
Lockeford, CA 95237

via email
jeremy@jeremywineco.com

**NOTICE OF APPLICABILITY; STATE WATER RESOURCES CONTROL BOARD
ORDER WQ 2021-0002-DWQ; GENERAL WASTE DISCHARGE REQUIREMENTS FOR
WINERY PROCESS WATER; JWC VINEYARDS, LLC; JEREMY WINE CO.;
SAN JOAQUIN COUNTY**

On 27 February 2023, JWC Vineyards, LLC (Discharger) submitted a Notice of Intent (NOI) to the Central Valley Regional Water Quality Control Board (Central Valley Water Board) seeking coverage under Tier 2 of the State Water Resources Control Board's (State Water Board) *General Waste Discharge Requirements for Winery Process Water*, Order WQ 2021-0002-DWQ (General Order) for Jeremy Wine Co. (Winery). JWC Vineyards, LLC is the owner of the Winery.

The Winery was previously regulated under the Central Valley Water Board's *Conditional Waiver of Waste Discharge Requirements for Small Food Processors, Wineries, and Related Agricultural Processors within the Central Valley Region*, Order R5-2020-0002, which expired on 20 February 2025. Based on the information provided in the NOI, the Winery's waste discharge qualifies for coverage of the General Order. Therefore, this Notice of Applicability (NOA) enrolls the Winery under the General Order and assigns the Winery enrollee number **2021-0002-DWQ-R5S010**. Table 1 below provides information about the winery and enrollment.

Table 1. Facility Information

NOA Enrollee Number	WQ 2021-0002-DWQ-R5S010
General Order Tier	2.1
Winery Address/GPS Coordinates	16750 Highway 88, Lockeford, CA 95237 38°10'42.44N 121°06'41.88W
Assessor's Parcel Numbers	019-180-35
Permitted Annual Process Water Volume	100,000
Discharge or Reuse Method(s)	Land application on 4.6 acres (solids and wastewater)
Process Water Ponds	0
CIWQS/ECM	CW-886858
GeoTracker	WDR100055607

ENROLLMENT RESPONSIBILITIES

You should familiarize yourself with the entire General Order and its attachments enclosed with this NOA, which describe mandatory discharge and monitoring requirements. Sampling, monitoring, and reporting requirements applicable to your treatment and disposal methods must be completed in accordance with the attached Monitoring and Reporting Program (**MRP**) **2021-0002-DWQ-R5S010**. A copy of the General Order is enclosed and is also available at the [State Water Board's webpage](https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/wqo2021-0002-dwq.pdf) (https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/wqo2021-0002-dwq.pdf).

The General Order contains additional operational and reporting requirements that are not summarized in this NOA. The Discharger is responsible for all the applicable requirements that are in the General Order and this NOA. Please review this NOA carefully to ensure it completely and accurately reflects the Facility name and location, and the details of the proposed discharge. Failure to comply with the requirements in this NOA, the General Order, all attachments, and the MRP could result in enforcement action pursuant to the Water Code, including but not limited to administrative civil liability (i.e., monetary penalties). If the method of waste disposal changes from that described in this NOA, the Discharger must submit a new NOI describing the new operation.

The Discharger is responsible for maintaining compliance with the General Order and its attachments, the information provided in the Winery's NOI and this NOA. A copy of the General Order and its attachments, including the Monitoring and Reporting Program (MRP), and this NOA shall be kept at the Winery for reference and key operating personnel shall be familiar with their contents

FACILITY AND DISCHARGE DESCRIPTION

The winery processes approximately 130 tons of grapes per year and generates approximately 32,000 gallons of winery process wastewater on an annual basis. The Discharger estimates that approximately 25,000 pounds of solids (grape stems and skins) are produced annually.

The majority of the wastewater from the winery is generated during the processing season which runs from approximately July through November. Wastewater is collected in floor drains and then gravity fed to two in-ground concrete wastewater storage tanks. Wastewater from the tanks is used to irrigate 4.6 acres of land application areas (LAAs). The LAAs are cropped with grapes and at the end of the season, cover crops are planted.

Solids, consisting of skins, stems, seeds, and wine lees, are land applied and spread with a tractor for use as a soil amendment for the LAAs.

SALT AND NITRATE CONTROL PROGRAMS

As part of the Central Valley Salinity Alternatives for Long Term Sustainability (CV-SALTS) initiative, the Central Valley Water Board adopted Basin Plan amendments incorporating new programs for addressing ongoing salt and nitrate accumulation in the Central Valley at its 31 May 2018 Board Meeting (Resolution R5-2018-0034). The Basin Plan amendments became effective on 17 January 2020 and were revised by the Central Valley Water Board in 2020 with Resolution R5-2020-0057. More information on CV SALTS can be found at the [CV-SALTS Website](https://www.cvsalinity.org/) (<https://www.cvsalinity.org/>).

Pursuant to the Basin Plan amendments, the Discharger was sent a Notice to Comply on 5 January 2021 (**CV-SALTS ID: 3633**) with instructions and obligations for participation in the Salt Control Program. The Discharger submitted an NOI for the Salt Control Program and is participating in the Prioritization and Optimization (P&O) Study under the Alternative Salinity Permitting Approach. In accordance with the General Order, the Discharger is exempt from compliance with Discharge Specifications C.1.a and C.1.c, Section D.1.b and D.1.d, and Groundwater Limitations F.1 and F.2, as they apply to water quality objectives for salinity, provided the Discharger is implementing the Phase I requirements of the Salt Control Program Alternative Permitting approach (i.e., full participation in the P&O Study). (See General Order, Finding 83.)

For the Nitrate Control Program, the Discharger falls within the Yolo Sub-basin of the Sacramento Valley Groundwater Basin 5-021.67, a Priority 2 Basin. The Discharger is pursuing pathway B: Local Management Zone and has joined the East San Joaquin Valley Water Collaborative. More information regarding the [CV-SALTS regulatory](#) planning process can be found at the following link:
(https://www.waterboards.ca.gov/centralvalley/water_issues/salinity/).

As these strategies are implemented, the Central Valley Water Board may find it necessary to modify the requirements of this NOA to ensure the goals of the Salt and

Nitrate Control Programs are met. More information regarding this regulatory planning process can be found on the [Central Valley Water Board CV-SALTS website](https://www.waterboards.ca.gov/centralvalley/water_issues/salinity) (https://www.waterboards.ca.gov/centralvalley/water_issues/salinity)

SITE-SPECIFIC REQUIREMENTS

Dischargers authorized under the General Order are classified into regulatory tiers based on the permitted annual process water design flow. The Winery's total annual discharge flow (i.e., winery effluent flow) places the Winery in Tier 2. The fees and monitoring requirements are connected to and commensurate with the complexity of the discharge regulated under each Tier. NOA Enclosure 3 includes a table that summarizes General Order tier-specific requirements for reference purposes. Refer to the General Order for the detailed requirements.

The Discharger shall comply with all applicable sections in the General Order, including:

A. DISCHARGE PROHIBITIONS

This section (A.1 through A.15) applies in its entirety.

B. EFFLUENT LIMITATIONS

Sections B.1 through B.4 apply to this winery. Although not comprehensive, the following General Order effluent limitation requirements are highlighted here to support compliance:

1. The annual total process water discharge flow from the winery shall not exceed **100,000 gallons per year** (Effluent Limitation B.2)
2. If solids are land applied, average BOD loading to the LAA shall not exceed **100 pounds per acre per day** over the course of any discharge cycle (i.e., irrigation cycle). BOD loading shall be determined using a moving average of the three most recent BOD process water sample results (Effluent Limitation B.3).
3. Nitrogen application rates shall not exceed the crop agronomic rate as defined in the General Order (Effluent Limitation B.4).

C. DISCHARGE SPECIFICATIONS (TIER 1)

This section does not apply to this winery.

D. DISCHARGE SPECIFICATIONS (TIER 2)

Sections D.1. and D.3.a through D.3.f apply to this Winery, except as otherwise noted in the Salt and Nitrate Control Programs section above (i.e., requirements related to water quality objectives for salinity).

Although not comprehensive, the following General Order discharge specifications are highlighted here to support compliance:

1. The **fixed dissolved solids (FDS) threshold** (in mg/L) is equal to the annual average flow-weighted FDS concentration (in mg/L) of the facility **source water plus 320 mg/L (Discharge Specification D.1.a.)**. The flow-weighted annual average FDS concentration of the process water from the winery is used to determine if the facility is meeting the FDS threshold.

As noted in the General Order, exceedance of the FDS threshold does not constitute a violation. Because the Winery is a Tier 2 facility, the Discharger may be required to submit a Salt Control Plan if the FDS threshold is exceeded. However, Discharge Specification D.1.a.ii.d. allows dischargers to participate in a regional Salt and Nutrient Management Plan in lieu of submitting an individual Salt Control Plan. As discussed above, the Discharger is participating in the P&O Study for the Salt Control Program and, therefore, provided the Discharger remains in good standing under the CV-SALTS Alternative Permitting Approach for Salinity, the requirement for a Salt Control Plan under Discharge Specification D.1.a.ii is satisfied.

E. SOLIDS SPECIFICATIONS

This section (E.1 through E.4) applies in its entirety.

F. GROUNDWATER LIMITATIONS

This section (F.1 and F.2) applies in its entirety, except as otherwise noted in the Salt and Nitrate Control Programs section above (i.e., requirements related to water quality objectives for salinity).

G. PROVISIONS

Sections G.1.a through G.1.b, G.1.f through G.1.g, and G.2 through G.4 apply to this Winery. Although not comprehensive, the following General Order technical provisions are summarized here to support compliance:

1. For existing facilities with planned upgrades, **within 90 days of NOA** issuance, the Discharger shall complete facility upgrades to ensure facility and treatment infrastructure are capable of complying with the sampling and monitoring

requirements of the MRP. Monitoring as required in the MRP shall commence once upgrades are complete.

2. The Discharger is required to self-certify that all applicable Best Practicable Treatment or Control (BPTC) measures and technical provisions shall be implemented by the time schedules listed below and in General Order Section G:
 - a. Good housekeeping – Within **90 days** of NOA issuance, implement good housekeeping practices, such as employing dry sweeping instead of wet rinses for cleaning facility surfaces, using water conservation devices such as auto-shutoff nozzles, directing pomace and similar waste to a solids collection system instead of down process water drains, and initiating an employee education program on best practices.
 - i. Source control – Within **90 days** of NOA issuance, isolate water softener regeneration brine and properly dispose of off-site instead of to the process water system.
 - ii. Solids management – Within 180 days of NOA issuance, implement solids management practices to screen, filter, or otherwise minimize the amount of process solids discharged to the process water systems.
 - iii. Sodium substitution – Within 180 days of NOA issuance, replace sodium-based chemicals with potassium-based or other non-sodium-based chemicals unless technologically or economically infeasible.
 - iv. Chemical reduction – Within 180 days of NOA issuance, implement measures to minimize chemical use, such as recovering and reusing chemical solutions.

ANNUAL FEE, OWNERSHIP CHANGES, ENROLLMENT TERMINATION

General Order section G.4 Standard Provisions includes specific requirements for fees and notice to the Central Valley Water Board. Key requirements are summarized below:

A. ANNUAL FEES

The Discharger shall pay an annual fee (waste discharge permit fee, per Water Code section 13260 et seq.) to maintain General Order coverage until coverage under the General Order is formally terminated. The fee amount due annually is provided via an invoice issued by the State Water Board fee program, covering the fiscal year of July 1 through June 30. A copy of the current fee schedule is available online at the [State Water Board Fee website](https://www.waterboards.ca.gov/resources/fees/) (<https://www.waterboards.ca.gov/resources/fees/>).

B. FACILITY AND OWNERSHIP CHANGES

The Discharger shall notify Central Valley Water Board staff prior to any significant changes in either the treatment or discharge methodologies, or the volume or character of the treated waste discharged from the facility. If the Discharger anticipates wastewater flow in excess of the maximum permitted flow, it shall submit a revised NOI and technical report to the Central Valley Water Board for the appropriate tier at least **120 days** before the anticipated change. Any proposed increase in flow shall not be implemented until it has been authorized by the Central Valley Water Board through issuance of a new or revised NOA. A change in tier classification may also necessitate an application fee and/or a change in the annual fee.

In the event of any change in control or ownership of the winery or process water discharge areas, the Discharger shall notify the succeeding owner or operator of the existence of this NOA and the General Order by letter, a copy of which shall be immediately forwarded to the Central Valley Water Board. In addition, the succeeding owner shall submit an NOI request for General Order enrollment to the Central Valley Water Board for consideration at least 90 days prior to commencing operation of the Facility. Failure to submit the request shall be considered a discharge without Waste Discharge Requirements and a violation of the Water Code. The Central Valley Water Board will issue a new NOA when coverage of this General Order has been authorized for the new owner or operator.

C. GENERAL ORDER ENROLLMENT TERMINATION

To terminate coverage, the Discharger shall submit a Notice of Termination and a final Annual Report at least 120 days prior to termination of related onsite activities. The Notice of Termination form is provided in General Order Attachment D. The final Annual Report shall be submitted through GeoTracker.

The Central Valley Water Board reserves the right to inspect the Facility before approving a Notice of Termination. Filing a Notice of Termination of General Order coverage does not suspend or alter any requirement of the General Order. The Discharger remains responsible for payment of all applicable fees and submittal of self-monitoring reports required by the General Order until written approval of the Notice of Termination is issued by the Central Valley Water Board.

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) (http://www.waterboards.ca.gov/public_notices/petitions/water_quality). Copies will also be provided upon request.

Now that the NOA has been issued, the Board's Compliance and Enforcement section will take over management of your case. Johnnie Tucker is your point of contact for any questions about the General Order.

If you find it necessary to make a change to your permitted operations, Howard Hold will direct you to the appropriate Permitting staff. You may contact Howard at (916) 464-4679 or at howard.hold@Waterboards.ca.gov.

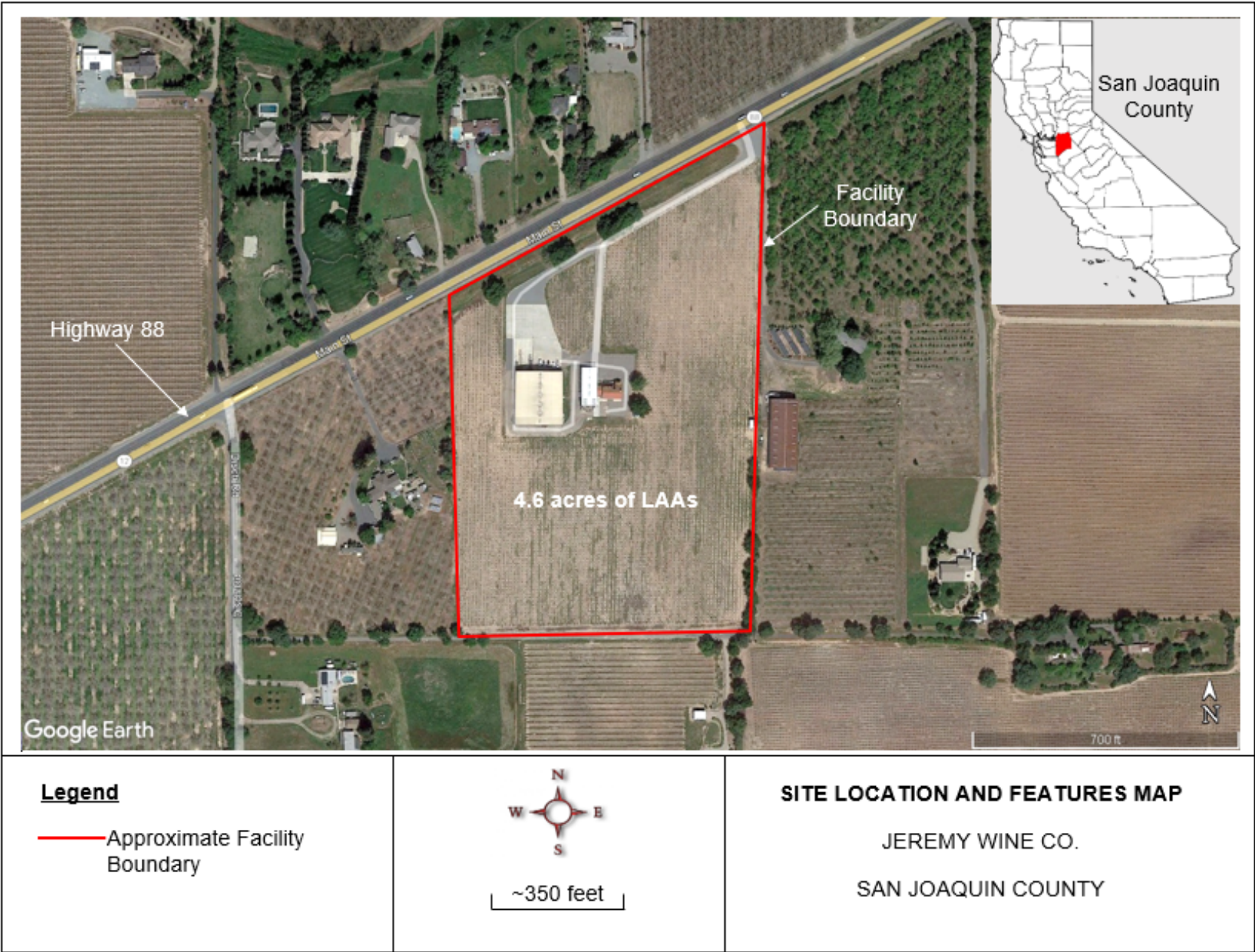

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by John J. Baum
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for Patrick Pulupa,
Executive Officer

Attachment: Attachment A: Site Location Map

Enclosure: Order WQ 2021-0002-DWQ
Monitoring and Reporting Program 2021-002-DWQ-R5S010

cc: San Joaquin County Environmental Health Department, Stockton



Central Valley Regional Water Quality Control Board

FROM: Scott Armstrong
Senior Engineering Geologist

DATE: 2 October 2026

APPLICABILITY OF COVERAGE UNDER STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2021-0002-DWQ, GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER; LAVA SPRINGS INC., JWC VINEYARDS, LLC; JEREMY WINE CO.; SAN JOAQUIN COUNTY

On 27 February 2023, JWC Vineyards, LLC (Discharger) submitted a Notice of Intent (NOI) to the Central Valley Regional Water Quality Control Board (Central Valley Water Board) seeking coverage under Tier 2 of the State Water Resources Control Board's (State Water Board) *General Waste Discharge Requirements for Winery Process Water*, Order WQ 2021-0002-DWQ (General Order) for Jeremy Wine Co. (Winery). JWC Vineyards, LLC is the owner of the Winery, located at 16750 Highway 88, Lockeford, CA 95237.

This memorandum provides a summary of Central Valley Water Board staff's review of the NOI, and the applicability of the Winery's discharge to be covered under the General Order.

The Winery produces wastewater from wine making operations. Wastewater is collected and used to irrigate 4.6 acres of cropped land application areas (LAAs). Solids, consisting of skins, stems, seeds, and wine lees, are land applied for use as a soil amendment. Based on the NOI, the Winery qualifies for coverage under the Winery General Order.

For the Salt Control Program, the Discharger elected to participate in the Prioritization and Optimization Study under the Alternative Salinity Permitting Approach. For the Nitrate Control Program, the Winery is located in a Priority 2 basin and has elected to join the East San Joaquin Valley Water Collaborative.

Notice of Applicability 2021-0002-DWQ-R5S010 contains a discharge flow limit of **100,000 gallons per year**.