Statewide Winery Order Implementation

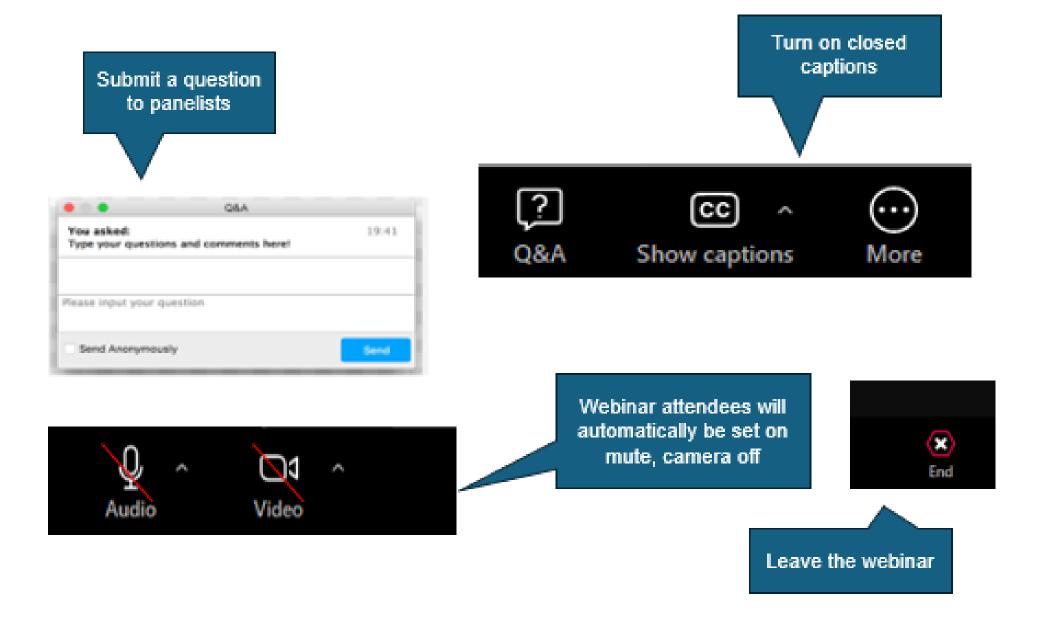
Webinar Series
Summer
2024



2024 Winery Order Webinar Series



Zoom Webinar Features



Presenters

- Water Boards Waste Discharge Requirements (WDRs)
 Program
 - State Board

Laurel Warddrip, Sr Environmental Scientist

Jennifer Chen, Water Resource Control Engineer

Rebeca Griner, Environmental Scientist

 Central Valley Regional Water Quality Control Board (Region 5)

Webinar Agenda

- Winery Order general overview and requirements applicable statewide (State Board)
- Region-specific requirements (processes/procedures, additional requirements, etc.) (regional board)

Today's webinar focus

→ Region 5

- Winery Order next steps, contact information (State Board)
- Live question and answer session

ABOUT THE WATER BOARDS STATE WATER RESOURCES CONTROL BOARD AND REGIONAL WATER QUALITY CONTROL BOARDS

Region 1 – North Coast

Region 2 – San Francisco Bay

Region 3 – Central Coast

Region 4 - Los Angeles

Region 5 – Central Valley

(Fresno, Sacramento, Redding)

Region 6 – Lahontan

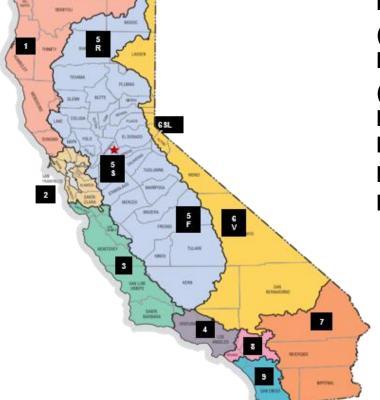
(South lake Tahoe, Victorville)

Region 7 – Colorado River

Basin

Region 8 - Santa Ana

Region 9 - San Diego



Mission: To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.

Webinar Purpose

- Help get everyone on the same page
- Inform and prepare dischargers
- Reduce confusion around Winery Order
- Provide resources

Order implementation (adopted 2021)

- Accepting applications, enrolling wineries
- Outreach letters to wineries, eligibility survey, presentations, webinars
- Answering questions

Mix of winery dischargers

- Experienced with waste discharge requirements (WDRs)
- Familiar to permitting but not WDRs
- New to Water Boards, WDR Program, or Winery Order

Target audience

- Familiar with winery operations; doing implementation
- Owners, operators, environmental compliance officers
- Winery industry professionals

Main focus

- What do I need to do?
- When do I do it?
- What comes next?
- Who do I talk to?

Don't I already have a permit?

- Waste Discharge Requirements (WDR) Program
 - Issues/manages permits and waivers related to wastewater <u>discharges to land</u> to protect water quality
- WDR Program is one of many programs within Water Boards
 - Separate programs, each with own water quality concerns
 - Construction and Industrial Stormwater, Irrigated Lands Regulatory Program (ILRP), Recycled Water, etc.
 - Wineries need separate permits from applicable programs

Don't I already have a permit?

Winery Order is one permit of many within WDR Program

- Not a Winery Program or Winery Order Program
- Winery Order adopted by State Board, implemented by regional boards
- Statewide general order → same permit can be used by all regions for wineries throughout California

Winery Order coordination

- State Board provides information applicable statewide, answer general questions
- Regional boards are a winery's direct contact, answer site-specific questions, review permit applications, oversee permit compliance

Where do I start?

1) Am I eligible? Do I need Winery Order coverage?

- Determine winery tier calculate/project annual process water discharge
 - Discharge to land → pond, land application area, subsurface disposal area
- Do self-driven online Eligibility Survey if unsure

2) When do I apply?

Unpermitted existing winery? Apply Now

Have existing individual WDRs, waiver, regional general order coverage? Apply now or date determined by region-specific enrollment priority

Notified by regional board to apply or transfer from existing permit? See deadline in notice

New winery? Apply at least 180 days before begin operations

Where do I start?

3) What are some planning considerations?

- Assess and gather information for current winery/facility/site
- Any planned facility or process changes (material changes), time horizons?
- Compare Winery Order requirements for current vs. future site conditions
 - Use Compliance Calendar Tool

4) How do I apply?

- 3-part application: Notice of Intent (NOI), technical report, filing fee
 - Existing wineries (operate on/before 1/20/2021) submit proposed compliance schedule
- Help improve turnaround time
 - Submit a more complete application, answer data requests promptly
 - Helps regional board review application and determine complete, issue Notice of Applicability (NOA) to authorize winery discharge

Where do I start?

5) Where can I get help?

- State Board
 - Winery Order website detailed info, resources and guides, contact info, links
 - Winery mailbox email general Winery Order questions
- Regional boards
 - Individual mailboxes email facility-specific or region-specific questions on Winery Order or region-specific procedures and requirements
- External support other wineries, winery groups, industry groups, consultants, etc.
 - Exchange knowledge, expertise, approaches, etc.
 - May need professional certification/signatures for a few Winery Order requirements
 - Be informed know your facility, capital and operational needs, applicable Winery Order requirements, etc.

How do I understand the Winery Order?

Winery Order has flexibility

- Covers multiple treatment and disposal options
- Contains requirement off-ramps, triggers that initiate requirements
- Extended timeframes (planning windows) for permit compliance
- Rare for a winery where all Winery Order requirements are applicable

Overarching requirement categories

- 1) Tier exempt, Tiers 1, 2, 3, or 4
- 2) Disposal method pond, land application, and/or subsurface disposal
- **3)** Facility type existing, new, or expanding facility
- **4) Winery waste** discharge process water and/or process solids
- **5)** Water quality can trigger monitoring, Salt or Nitrogen Control Plans, etc.

STATE WATER BOARD GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER



Requirement callouts

- Every requirement has a unique identifier.
- Consists of alternating numbers and letters.
- Sublevels are each indented inwards.

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commensurate with, the complexity of the discharge regulated under each tier.

Table 1. Tier Determination

Tier	Facility process water flow ⁽¹⁾ (gal/yr)			
Exempt	<10,000			
Tier 1	10,000 – 30,000			
Tier 2	30,001 – 300,000			
Tier 3	300,001 - 1,000,000			
Tine 4	1 000 001 - 15 000 000			

Example 1

· Winery Order, pg 3, #12.a

I flowmeter or, for Tier 1 and Tier 2 alternative method (e.g., assumed a storage tank water balance). The easurement method for the facility.

- 12. Wineries with process water design flows less than 10,000 gallons per year (gal/yr) are unlikely to degrade water quality and are therefore exempt from this General Order provided they comply with the following:
 - a. The Discharger shall not discharge waste:
 - To surface waters or surface water drainage courses.
 - That is classified as "hazardous," as defined in California Code of Regulations (CCR), title 23, section 2521, or classified as "designated," as defined in Water Code section 13173.
 - iii. That is untreated or partially treated from the treatment system.
 - iv. To land not owned, operated, controlled, or contracted by the Discharger.

The Winery Order Requirements

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STATE WATER BOARD GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER



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 - That is untreated or partially treated from the treatment system.
 - iv. To land not owned, operated, controlled, or contracted by the Discharger.

- Materials or waste shall not be applied in a manner that disturbs, damages, or compacts the subsurface disposal area.
- d. The discharge of treated wastewater from separate process water and domestic wastewater systems may be directed to the same subsurface disposal area if approved by the regional water board and provided the required Tier 2-4 conditions specified in Section D.4.b Discharge Specifications (Tiers 2, 3, and 4), Subsurface Disposal Specifications are met.
- D. DISCHARGE SPECIFICATIONS (TIERS 2, 3, AND 4)
- 1) General Specifications
 - a. Salt Control
 - i. The Discharger shall reduce the salinity loading to the process water treatment and disposal systems and the underlying groundwater by implementing good housekeeping practices, source control and waste minimization measures (e.g., solids screening, pressure washing, washwater and chemical reuse), and by minimizing the use of salt-containing and non-biodegradable chemicals.
 - The flow-weighted annual average FDS concentration of the process water discharge from the wine measured prior to tre Example 2

facility is meeting the annual average flowwater plus 320 mg/L.

Winery Order, pg 36, #D.1.a.ii.c.1

- a) Tiers 2 and 3: If f
 Salt Control Plan if airected to do so by the regional water board if site-specific conditions indicate a threat to water quality.
- Tier 4: If the FDS threshold is exceeded, the Discharger shall submit a Salt Control Plan.
- i) In lieu of submitting a Salt Control Plan, Dischargers enrolled in a State Water Board or regional water board accepted sustainability program that contains salt control measures to address discharges in this General Order may implement the sustainability program salt control measures instead. The Discharger shall certify that the required salt control measures have been implemented.
 - (1) Tiers 3 and 4: The regional water board may direct Dischargers to submit a Salt Control Plan in addition to implementing the sustainability program measures if site-specific conditions indicate a threat to water quality.

The Winery Order Requirements

STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2021-0002-DWQ GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER

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STATE WATER RESOURCES CONTROL BOARD ORDER WQ 2021-0002-DWQ GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER

Navigating tips **Table of Contents** 1. Use Table of Contents List of Tables. 2. Use keyword search in PDF List of Attachments. Acronyms and Abbreviations FINDINGS Key parts for getting started Background. All dischargers Applicability. Process Water Characterizat As applicable (e.g., by tier, Process Water Ponds . disposal method, facility type) Land Application.. Subsurface Disposal System. Solids Management. Salt Control . Other Winery Activities Not Covered by This General Order. Application and Termination Processes. Local Agency Oversight Program... Antidegradation Analysis... Title 27 Exemptions... California Environmental Quality Act. Other Salt and Nitrogen Considerations. Other Regulatory Considerations Other Water Code Considerations. IS HEREBY ORDERED ... A. Discharge Prohibitions. B. Effluent Limitations (Tiers 2, 3, and 4). C. Discharge Specifications (Tier 1)...... 1) General Specifications... 2) Process Water Pond Specifications. 3) Land Application Specifications 4) Subsurface Disposal Specifications.

The Winery Order Requirements

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So Far...Next Up

- 1. Look at the Winery Order
- 2. When do I apply?
- 3. How do I start planning?
- 4. How do I apply?
- 5. Where can I get help?

Apply:

Electronic Notice of Intent (eNOI) to Notice of Applicability (NOA)

Discharger - eNOI

Submit Application Package

- eNOI via the California Integrated Water Quality System
- Attach Documentation
 - Technical report required for all wineries
 - Existing Facilities proposed compliance schedule
 - Other supporting documents
- Signed NOI and Fee
 - <u>Signed</u> copy of NOI must be submitted to the regional board
 - Application fee is equal to the annual fee changed each year

Apply (cont):

Electronic Notice of Intent (eNOI) to Notice of Applicability (NOA)

Regional Board - NOA

- Reviews Application Package
 - All three parts must be submitted before review begins
 - Reach out to Discharger as needed
 - Example: additional facility information, technical report clarifications, etc.

Issue Notice of Applicability

- Tier determination
- If relevant approved compliance schedule
- Monitoring & Reporting Program
 - Compliance with the Monitoring and Reporting program begins after a NOA is issued

Apply:

Electronic Notice of Intent (eNOI) to Notice of Applicability (NOA)

Discharger - eNOI

- Submit Application Package
 - eNOI
 - Attach Documentation
 - Signed NOI and Fee

Regional Board - NOA

- Reviews Application Package
- Issue Notice of Applicability

Steps:

- Discharger submits application package
- 2. Regional Board reviews application package
- 3. Regional Board issues NOA

Winery Order Technical Report

Technical Report Outline per Tier in Winery Order, Attachment C

STATE WATER RESOURCES CONTROL BOARD GENERAL WASTE DISCHARGE REQUIREMENTS FOR WINERY PROCESS WATER

ATTACHMENT C TECHNICAL REPORT FOR REPORT OF WASTE DISCHARGE

Pursuant to Water Code, section 13267, Dischargers may be required to furnish, under penalty of perjury, technical or monitoring program reports as a condition of the General Order. The information presented in the technical report is required by Water Code, section 13267 and is relied upon by the regional water board to prepare the Notice of Applicability (NOA) for coverage under the General Order. The Discharger shall ensure that the information presented in the technical report is accurate. Misstatements, errors, or omissions that exist in the technical report may be included in the NOA and become enforceable.

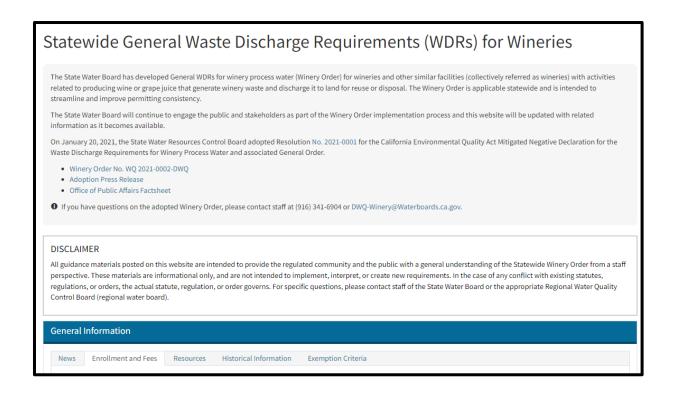
The technical report outline presented below is intended to provide general guidance for Dischargers and consultants and should be tailored to a facility's site-specific conditions as appropriate. Submitting a technical report consistent with this format will assist the Discharger in providing the necessary information to the regional water board, expedite review of the technical report, and streamline the permitting process. It is recommended that the Discharger contact their regional water board to discuss the project before preparing the technical report. The State Water Board and regional water board may provide procedures for electronic submittal or modifications to the technical report, its associated supporting information or documents, and the issuance of the NOA.

- Complete: Winery eNOI
 - a. Questionnaire: Facility data
 (e.g., ponds, subsurface disposal, etc.)
 - **b.** Attachments: Technical Report, other documentation
- 2. Submit: eNOI, fee (use form ID), and signed NOI (scan PDF or mail)

Uploading Technical Report to the eNOI is REQUIRED!

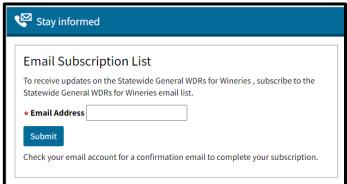
Tab 9 – Attachments All required and applicable documents must be uploaded in the Attachments tab. The attachment description and title should be explicit for document contents. neral Facility Facility Owner Facility Operator Land Owner Notice Serve Address Billing Address Questionnaire Attachments Status Preview nt select the file and click Upload te: The upload process may take a few minutes depending on the speed of your Internet connection and the size of the file. Do not attempt to click the "Refresh" or obmit" buttons during the upload process. Attachments / Supporting documents Please upload all the supporting documents Attachment Type Attachment Description Choose File No file chosen Every eNOI application is required to have an associated technical report. The user will receive an incomplete NOI message as a result of a form completion check if a submittal is attempted without having a technical report attached. The completion check indicates that the form is INCOMPLETE, Please review the following list of incomplete or missing informa-. NOI Incomplete: Required attachment is missing: Technical Report

Statewide Winery Order Website



- Regulatory Documentation
- Updates and Contacts
- Enrollment Instructions
- Compliance Tools & Guidance

waterboards.ca.gov/wineryorder



Winery Order Website Resources

Enrollment and Fees Tab

- Notice of Intent Help Guide
- Fee Payment Help Guide
- Eligibility Survey Help Guide

Winery Order Contacts

 Email addresses for each of the Regional Boards

Resources Tab

- Compliance Calendar Tool
- Pond Liner Guidance
- Guidance Examples for Flow Measurements and Biochemical Oxygen Demand Calculations for Land Application Areas
- Example Requirement Matrices
- GeoTracker: Electronic Submittal of Information Help Guide

Regional Water Board: Winery Order Contacts

Regional Water Board	Email Address
North Coast Regional Water Board	RB1-Winery@waterboards.ca.gov
San Francisco Bay Regional Water Board	RB2-Winery@waterboards.ca.gov
Central Coast Regional Water Board	RB3-Winery@waterboards.ca.gov
Los Angeles Regional Water Board	losangeles@waterboards.ca.gov
Central Valley Regional Water Board – Redding	RB5R-Winery@waterboards.ca.gov
Central Valley Regional Water Board – Rancho Cordova	RB5S-Winery@waterboards.ca.gov
Central Valley Regional Water Board – Fresno	RB5F-Winery@waterboards.ca.gov
Lahontan Regional Water Board – South Lake Tahoe	lahontan@waterboards.ca.gov
Lahontan Regional Water Board – Victorville	lahontan@waterboards.ca.gov
Colorado River Regional Water Board	rb7-wdrs_paperless@waterboards.ca.gov
Santa Ana Regional Water Board	santaana@waterboards.ca.gov
San Diego Regional Water Board	sandiego@waterboards.ca.gov

Water Boards Map Tool

What's coming up?

2024 Water Board Outreach

Summer Webinar Series:

Next, Region 9: Thursday September 12, 10:00 AM

Winter: Water Board outreach for existing wineries without WDRs

Enrolling into the Statewide Winery Order?

Submit: eNOI, technical report, supporting documentation, fee

Plan: monitoring and reporting compliance; facility upgrades

Active Regional WDRs for Winery Waste?

Notified by Regional Board to Enroll?*

Develop application: consult the Regional Board for specific requirements

Submit application: follow region-specific Winery Order transition schedule

What's coming up? (cont.)

Active Winery Order Coverage?

Implement: facility-specific Notice of Applicability, monitoring, and facility upgrades per applicable compliance schedule(s)

Submit: facility-specific monitoring results and reports per reporting schedule

Table G-1. Reporting Schedule (All Tiers)

Report	Reporting Period	Due Date	Tier 1	Tier 2	Tier 3	Tier 4
Compliance Letter (1)	Jan – Dec	First day of second month after reporting period	Х	Х	X	Х
Semi-annual Report First semi-annual Second semi-annual	Jan – Jun Jul – Dec	Aug 1 Apr 1 (2)				X
Annual Report	Jan – Dec	Apr 1	X (3)	Х	Х	Х

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

⁽²⁾ The second semi-annual monitoring results may be incorporated into the Annual Report instead of submitted as standalone Semi-annual Report.

⁽³⁾ An abbreviated Annual Report format is provided for Tier 1 Dischargers.

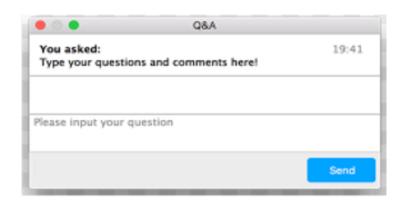
Questions?

How to Submit Questions in Zoom Webinar

Click on the Zoom Taskbar Q&A Icon



Submit Questions



Thank you! Contact Information

State Board

DWQ-Winery@waterboards.ca.gov

Sign Up, Stay Informed! Statewide Winery Order Email Updates < State Water Resources Control Board

< Water Quality < Statewide General Waste Discharge Requirements (WDRs) for Wineries

Image Citations

Screenshots and/or California Water Boards graphics Slide: 2, 6, 23, 25, 27

Any uncited graphics or images were generally generated using the Microsoft suite and/or Water Boards images.

Links

Water Boards Office Map Tool:

https://www.waterboards.ca.gov/waterboards_map.html

Winery Order Webpage:

https://www.waterboards.ca.gov/wineryorder

Statewide Winery Order:

https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/wqo2021-0002-dwq.pdf

Webinar Public Notice:

https://waterboards.ca.gov/board_info/calendar/docs/2024/jul/notice_winerywebinars_070124.pdf

State Water Board Winery Order email updates:

https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/winery_order.html

Industrial Stormwater Program:

https://www.waterboards.ca.gov/water_issues/programs/stormwater/industrial.html

Links (Cont.)

eNOI Help Guide:

https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/2023/winery-enoi-guide.pdf

eNOI:

https://ciwqs.waterboards.ca.gov/ciwqs/EformsServlet?Purpose=goToUserInfo&Redirect_Page=eforms/eformsUserInfo.jsp

WDR GeoTracker Help Guide

https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/docs/2024/geotracker-esi-help-guide.pdf

Wine Institute Compliance Assistance Tool:

https://wineinstitute.org/our-work/compliance/compliance-tool-for-ca-water-order/