

Statewide General Winery Order

NOELLE CREMERS

WINE INSTITUTE



SWRCB Tier Structure

Tier	Total Winery Process Water Volume (gal/yr)
Exempt	<10,000
Tier 1	10,000-30,000
Tier 2	30,001-300,000
Tier 3	300,001-1,000,000
Tier 4	1,000,001 – 15,000,000



Implementation Timeline

Submit Notice of Intent and technical report within **3 years** of adoption (unpermitted facilities)

Technical Report must include proposed compliance schedule that shows full compliance within **5 years**

Regional Board returns Notice of Applicability

- Deadlines after NOA:
 - 90 Days (All Tiers) – Complete facility upgrades to allow compliance with MRP and begin monitoring
 - 90 Days (Tiers 2-4)
 - Implement good housekeeping practices
 - Dispose of water softener regeneration brine offsite
 - 180 Days (Tiers 2-4)
 - Implement solids management to minimize solids in process water
 - Replace sodium-based chemicals with potassium-based chemicals unless technologically or economically infeasible
 - Implement measures to minimize chemical use



Implementation Timeline

Regional Board returns Notice of Applicability

- Deadlines after NOA:
 - 180 Days (Tiers 3-4) – Prepare Spill Prevention and Emergency Response Plan
 - 3 Years (Tiers 2-4) – Existing SDS must comply with daily discharge flow limit (1 gal/sqft/day)
 - 3 Years – Commingled systems must be separated or permitted by regional board
 - 1 Year – Submit Salt Control Plan (if required) after exceeding FDS threshold (320 mg/L above Source Water)
 - 1 Year – Submit Nitrogen Control Plan (if required) after exceeding SDS nitrogen effluent limit, groundwater monitoring data shows water quality impacts of LAA, or regional board notification
 - 180 Days (Tier 4) – Submit groundwater monitoring well installation work plan and groundwater sampling and analysis plan



Pond Requirements

Tier 1

Regional Board may require ponds to meet Tier 2 requirements if regional board have potential for frequent spills

Tier 2

Existing ponds can be operated in present size and lined or unlined state
New ponds must meet lining and capacity requirements

Tiers 3 and 4

New and Existing ponds must be lined and meet capacity requirements
Performance test lining every 5 years



LAA Requirements

Tier 1

Follow BMPs for LAA

No application when rainfall is expected within 24 hours or ground is saturated

Tiers 2 – 4

BOD loading limit: 100 lb/ac/day

Application limit at agronomic rates

Process water and solids shall not be applied within 24 hours of forecasted precipitation (50 percent probability)

Process water shall infiltrate within 48 hours

Process solids shall be incorporated within 72 hours



SDS Requirements

Tier 1

Follow BMPs for SDS

Tiers 2 – 4

Daily discharge flow limits: 1 gal/sqft/day

Effluent Limits: total nitrogen 10 mg/L, BOD 300 mg/L, and TSS 330 mg/L

Prepare Nitrogen Control Plan if effluent limits are exceeded

Alternative:

Install groundwater monitoring well and monitor groundwater to assess SDS impact

If groundwater exceeds limit, wineries have 1 year to meet effluent limits



Groundwater Monitoring Requirements

Tier 4 – Required for SDS, LAA, and Ponds except:

LAA

Regional Groundwater Monitoring allowed as substitute, or

First encountered groundwater >25 feet

Drinking water well >0.5 miles

Surface water body >0.5 miles

Ponds

Pond system capacity <1 million gallons,

Ponds are well managed and operate within existing capacity, and

All general order requirements are met



Monitoring Requirements

Tiers 2-4

Source Water Monitoring

Winery Effluent Monitoring

Pond Monitoring

Effluent to LAA Monitoring

LAA Monitoring

SDS Monitoring

Effluent to SDS Monitoring

Solids Monitoring



Reporting Requirements

Tier 1

Submit abbreviated annual report

Tiers 2-3

Annual Report

Tier 4

Semi-Annual Report

Annual Report

Compliance Assistance Tool:

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



Fees

Facility Process Water Flow (Gal/Yr)	Fee
10,000 to 30,000	\$750
>30,000 to 100,000	\$1,000
>100,000 to 300,000	\$1,200
>300,000 to 600,000	\$2,000
>600,000 to 1 million	\$3,000
>1 million to 3 million	\$7,000
>3 million to 7 million	\$13,000
>7 million to 15 million	\$19,000

