

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
 CENTRAL COAST REGION  
 1102-A Laurel Lane  
 San Luis Obispo, California 93401

ORDER NO. 86-105

WASTE DISCHARGE REQUIREMENTS  
 FOR  
ALMADEN VINEYARDS, INC.  
CIENEGA WINERY  
SAN BENITO COUNTY

Agency: Cienega Valley  
 Vineyards

The California Regional Water Quality Control Board, Central Coast Region, (hereafter Board), finds:

1. David Barasch, Vice President, Administration, filed a Report of Waste Discharge on October 21, 1985, and supplemental information on December 23, 1985, in accordance with Section 13260 of the California Water Code. The report was filed on behalf of Almaden Vineyards, Inc., for authorization to discharge winery wastes and washwaters within the San Benito River sub-basin. The information supports a request to increase allowable flow.
2. Almaden Vineyards, Inc. (hereafter Discharger), 1530 Blossom Hill Road, San Jose, CA 95118, owns and operates a winery located along Cienega Road approximately 6 miles south of Hollister. Grapes are crushed, fermented and processed into wine at the facility. The facilities are in Section 2, T14S, R5E, MD B&M, as shown on Attachment "A" of this order.
3. Up to 100,000 gallons-per-day (379 m<sup>3</sup>/day) of washwater and winery wastes are discharged at this facility. Treatment consists of screening. Wastewater is discharged to an evaporation/percolation pond on the discharger's property. Estimated disposal capacity is at least 100,000 gallons-per-day (379 m<sup>3</sup>/day).
4. The disposal pond is located on fairly level topography consisting of clay loam soils. Ground water quality, depth to ground water, and direction of flow have not been determined.
5. An unnamed drainageway is located southeast of the winery and flows in a southeasterly direction until it empties into Pescadero Creek. Pescadero Creek empties into San Benito River about nine miles southeast of the winery.

6. These waste discharge requirements are being updated and revised to allow an increase in flow. The discharge has been regulated by Waste Discharge Requirements Order No. 81-59, adopted by the Board on October 9, 1981. This discharge has been regulated by the Board since June 10, 1971.
7. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was adopted by the Board on March 14, 1975, and approved by the State Water Resources Control Board on March 20, 1975. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
8. Present and anticipated beneficial uses of groundwater in the vicinity of the discharge include:
  - a. Domestic supply;
  - b. Agricultural supply; and,
  - c. Industrial service supply.
9. Present and anticipated beneficial uses of San Benito River that could be affected by the discharge include:
  - a. Agricultural supply;
  - b. Industrial service supply;
  - c. Ground water recharge;
  - d. Water contact recreation;
  - e. Non-contact water recreation;
  - f. Wildlife habitat;
  - g. Fish spawning; and,
  - h. Warm fresh water habitat.
10. Domestic wastewater from the winery is discharged to a septic tank-leachfield system which is excluded from this Order.
11. These waste discharge requirements are for an existing facility and are exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21100, et seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Administrative Code.
12. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
13. On March 17, 1986, the Board notified the Discharger and interested agencies and persons of its intent to revise waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments.

14. After considering all comments pertaining to this discharge during a public hearing on June 13, 1986, this Order was found consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, Almaden Vineyards, Inc., its agents, successors, and assigns, may discharge waste at Cienega Winery providing compliance is maintained with the following:

(Note: other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984. Applicable paragraphs are referenced in paragraph D.3. of this Order.)

A. Prohibitions

1. Discharge to areas other than the evaporation/percolation pond as shown in Attachment "A", is prohibited.

B. Discharge Specifications

1. Daily flow shall not exceed 100,000 gallons (37.9 m<sup>3</sup>).
2. Waste discharge shall be limited to the types described in Finding No. 3 of this Order.
3. The uppermost one foot of the wastewater in the evaporation/percolation pond shall have a dissolved oxygen concentration greater than 1.0 mg/l.
4. Effluent discharged to the evaporation/percolation pond shall not have a pH less than 6.5 or greater than 8.4.
5. Freeboard shall exceed two feet in the evaporation/percolation pond.
6. Loading rates (pounds of pollutants/acre/day and gallons of wastewater/acre/day) of land areas shall be based on rational engineering considerations and shall assure that wastewater percolate meets the terms of this order.

C. Ground Water Limitations

1. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying groundwaters, as determined by comparison of samples collected from wells located upgradient and downgradient of the disposal area.
2. The discharge shall not cause concentrations of chemicals and radionuclides in groundwater to exceed limits set forth in Title 22, Chapter 15, Articles 4 and 5 of the California Administrative Code.

D. Provisions

1. Order No. 81-59, "Waste Discharge Requirements for Almaden Vineyards, Inc., Cienega Winery, San Benito County," adopted by the Board on October 9, 1981, is hereby rescinded.
2. Discharger shall comply with "Monitoring and Reporting Program No. 86-105", as specified by the Executive Officer.
3. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984; except item Nos. A.4., A.5., A.8., A.17., and C.9.
4. Pursuant to Title 23, Chapter 3, Subchapter 9, of the California Administrative Code, the Discharger must submit a written report to the Executive Officer not later than December 1, 1990, addressing:
  - a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,
  - b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

I, KENNETH R. JONES, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Coast Region, on June 13, 1986.

  
For Executive Officer

ATTACHMENT "A"  
Almaden Vineyards, Inc.  
Cienega Winery

EVAPORATION/PERCOLATION  
POND

TO HOLLISTER 6 MI. APPROX

WINERY

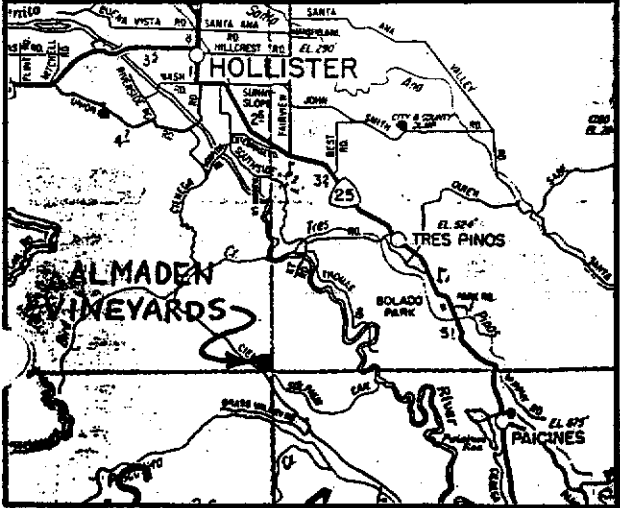
OFFICE

CIENEGA ROAD



NO SCALE

VICINITY MAP



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION

REVISED MONITORING AND REPORTING PROGRAM NO. 86-105  
FOR

ALMADEN VINEYARDS, INC.  
CIENEGA WINERY  
SAN BENITO COUNTY  
(Revised December, 1987)

Effluent Monitoring

Flow shall be measured and representative grab samples of effluent within the evaporation/percolation pond shall be collected and analyzed according to the following schedule:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling/Analyzing Frequency</u>
Flow	gallons/day	Estimated	Semi Annually (March-September)
Dissolved Oxygen	mg/l	Grab	" "
Total Dissolved Solids	mg/l	"	Annually (September during processing)
Sodium	mg/l	"	" "
Chloride	mg/l	"	" "
BOD	mg/l	"	" "
Total Nitrogen (Total Kjeldahl Nitrogen+ Nitrate+Nitrite)	mg/l	"	" "
pH	_____	"	" "

Reporting

Annual monitoring reports shall be submitted by the 20th of October. In reporting monitoring data, the discharger shall submit all data on a form prescribed by the Executive Officer.

Implementation

This monitoring program shall be implemented beginning January 1, 1988.

ORDERED BY

  
Executive Officer

December 14, 1987