

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION  
81 Higuera Street, Suite 200  
San Luis Obispo, California 93401**

ORDER NO. 97-65

**WASTE DISCHARGE REQUIREMENTS  
FOR  
FRANZIA WINERY  
CORBETT CANYON VINEYARDS,  
SAN LUIS OBISPO COUNTY**

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

1. John Clark, Winemaking Vice President, Corbett Canyon Vineyards, updated a Report of Waste Discharge on May 12, 1997, in accordance with Section 13260 of the California Water Code. The report was filed on behalf of Franzia Winery, Corbett Canyon Vineyards (Discharger) for authorization to continue/modify discharge of winery crushing and processing wastewater within the San Luis Obispo Hydrogeologic Unit, Pismo Sub-Area.
2. The Discharger operates a wastewater treatment and disposal facility located approximately eight miles south of the City of San Luis Obispo at 2195 Corbett Canyon Road in San Luis Obispo County. The facilities are in Section 33, T31S, R13E, MD B&M, Arroyo Grande NE Quadrangle, as shown on Attachments A of this Order.
3. Approximately 10,000 gpd (38 m<sup>3</sup>/day) of process water are discharged during the November to July processing season and approximately 16,000 gpd (61 m<sup>3</sup>/day) of crushing wastes are discharged during the August to October crushing season. The treatment facility consists of a rotary screen, sedimentation tank, and aerated oxidation ponds. Wastewater is discharged to a series of evaporation/percolation ponds and utilized for vineyard irrigation. Treatment and disposal

capacity is designed for 20,000 gpd (76 m<sup>3</sup>/day). Sanitary wastewater is treated and disposed in a separate septic tank/leachfield system.

4. The treatment and disposal areas are located on rolling topography consisting of loamy sand and clay loam soils. Ground water downgradient of the disposal area (Patchet Well) has the following constituent concentrations:

Total Dissolved Solids	440 mg/l
Chloride	80 mg/l
Nitrate (as N)	<0.4 mg/l

5. These Waste Discharge Requirements are being revised to reflect a change in the irrigation procedures of the Discharger. The discharge has been regulated by the Board since 1979 and most recently by Waste Discharge Requirements Order No. 88-135, adopted by the Board on October 14, 1988.
6. The Water Quality Control Plan, Central Coast Basin (Basin Plan) was adopted by the Board on September 8, 1994. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
7. Ground water objectives specified in the Basin Plan for the vicinity of the discharge, are as follows:

Item No. 19  
May 12-13, 2010 Meeting  
Corbett Vineyards – Enrollment  
Under General WDRs for Wineries  
Attachment 1

Total Dissolved Solids	900 mg/l
Sodium	50 mg/l
Chloride	200 mg/l
Sulfate	100 mg/l
Boron	0.2 mg/l
Nitrate Nitrogen	5 mg/l

8. Present and anticipated beneficial uses of ground water in the vicinity of the discharge include: Domestic, Agricultural and Industrial Supply.
9. These Waste Discharge Requirements are for an existing facility and are exempt from provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.) in accordance with Section 15301, Chapter 3, Title 14, of the California Code of Regulations.
10. 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 assume this and mitigate any potential adverse changes in water quality due to discharge.
11. On October 2, 1997, the Board notified the Discharger and interested agencies and person of its intent to issue 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.
12. After considering all comments pertaining to this discharge during a public hearing on December 5, 1997, this Order was found consistent with the above findings.

**IT IS HEREBY ORDERED**, pursuant to authority in Section 13263 of the California Water Code, Franzia Winery, its agents, successors, and assigns, may discharge waste at Corbett Canyon Vineyards, 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.)

Throughout these requirements footnotes (A) is listed to indicate the Basin Plan as the source of requirements specified. Requirements not referenced are based on Staff's professional judgment.

#### A. PROHIBITIONS

1. Discharge to areas other than the evaporation/percolation ponds and surrounding vineyards controlled by the Discharger is prohibited.
2. Discharge of any wastes including overflow, bypass, overspray and runoff from transport, treatment, or disposal systems to adjacent drainageways or adjacent properties is prohibited.
3. Bypass of the treatment facility and discharge of untreated or partially treated wastes directly to the irrigation areas is prohibited.
4. Discharge of sanitary wastes to other than a subsurface septic tank/leachfield system is prohibited.
5. Discharge of pomace, seeds, stems, or accumulated solids from the waste water facilities to other than pasture areas, vineyards, or an approved solid waste disposal site, is prohibited.

6. Storm runoff may be discharged to the evaporation/percolation ponds provided adequate capacity is available.

#### B. DISCHARGE SPECIFICATIONS

1. Daily flow averaged over each month shall not exceed 20,000 gallons (76 m<sup>3</sup>).
2. Wastewater discharged from the ponds to irrigation areas shall not have pH less than 6.5 or greater than 8.4.<sup>A</sup>
3. Freeboard shall exceed two feet in perimeter pond dikes at all times unless the ponds are specifically designed for a lesser freeboard.
4. Irrigation of the vineyard shall not cause ponding or runoff of applied wastewater.
5. The public shall be excluded from wastewater treatment facilities.
6. Livestock, used to control grass and weed growths in treatment and disposal areas, shall be managed to prevent damage to treatment equipment and pond dikes.

#### C. GROUND WATER LIMITATIONS

1. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying ground waters, as determined by comparison of samples collected from wells located upgradient and downgradient of the disposal area.<sup>A</sup>
2. The discharge shall not cause concentrations of chemicals and radionuclides in ground water to exceed limits set forth in Title 22 of the California Code of Regulations.<sup>A</sup>

#### D. PROVISIONS

1. This Order supersedes Order No. 88-135. Order No. 88-135, "Waste Discharge

Requirements for The Wine Group Ltd., Corbett Canyon Vineyards, San Luis Obispo County," adopted by the Board on October 14, 1988, is hereby rescinded.

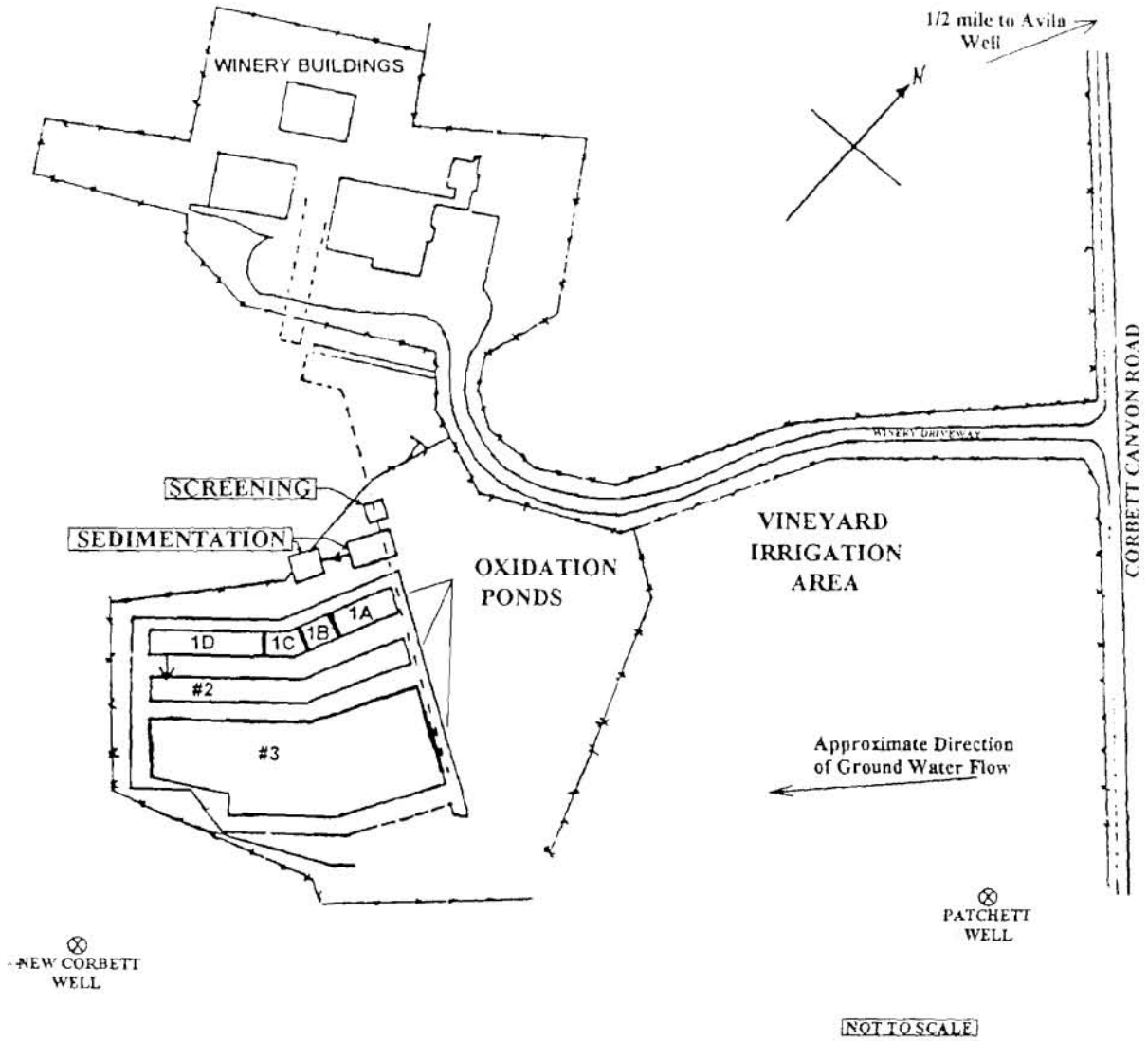
2. Discharger shall comply with "Monitoring and Reporting Program No. 97-65", as specified by the Executive Officer.
3. Discharger shall comply with the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984.
4. Pursuant to Title 23, Division 3, Subchapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than June 5, 2002, 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, ROGER W. BRIGGS, 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 December 5, 1997.

  
Executive Officer

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# Attachment "A" - Corbett Canyon Vineyards



## Site Location



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

**MONITORING AND REPORTING PROGRAM NO. 97-65**

**FRANZIA WINERY,  
CORBETT CANYON VINEYARDS,  
SAN LUIS OBISPO COUNTY**

**Effluent Monitoring**

Representative samples of the treated wastewater shall be collected and analyzed as follows:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Minimum Sampling and Analyzing Frequency*</u>
Flow to Aerated Ponds	gpd	Metered	Weekly
pH**	pH units	Grab	Monthly
Total Dissolved Solids	mg/l	Grab	Annually (Oct., during peak load)
Chloride	mg/l	Grab	“ “

\*During periods of discharge.

\*\*Based on representative sample of water blended for irrigation.

**Ground Water Monitoring**

Representative samples of ground water upgradient and downgradient of the disposal areas shall be collected and analyzed as follows:

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Total Dissolved Solids	mg/l	Grab	Annually (In June)
Chloride	mg/l	Grab	“ “
Total Nitrogen (as N)	mg/l	Grab	“ “

**Solid Waste Disposal**

A summary of estimated volumes and disposal locations of screenings, tank residues, and pond solids disposed shall be included with each monitoring report.

**Sanitary Waste Septic Tank System**

<u>Constituent</u>	<u>Units</u>	<u>Sample Type</u>	<u>Minimum Sampling and Analyzing Frequency</u>
Sludge Depth and Scum Thickness in Each Compartment of Each Septic Tank	Feet	Staff Gauge	Annually (by July of each year)
Distance Between Bottom of Scum Layer and Bottom of Outlet Device	Inches	Staff Gauge	“ “
Distance Between Top of Sludge Layer and Bottom of Outlet Device	Inches	Staff Gauge	“ “

Septic tanks shall be pumped when any one of the following conditions exist, or may occur before the next inspection:


- a) The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or,
- b) The scum layer is within three inches of the outlet device; or,
- c) The sludge layer is within eight inches of the outlet device.

**Disposal Area Monitoring**

Wastewater ponds shall be inspected weekly for freeboard and available storage. Freeboard and available storage shall be presented in tabular form in each annual report. Wastewater facilities shall also be inspected weekly for evidence of any nuisance condition (odors, vector, etc.). Conditions of this nature shall be reported to the Executive Officer or his representative and to the County Division of Environmental Health within 24 hours of knowing of such conditions. The incident shall be promptly investigated and remedied. A record shall be kept of dates and nature of observations and remedies.

**Reporting**

Reports shall be prepared annually with the reports due by the 30th of July. Reports shall contain all data collected or calculated, and all observations made during the previous year. It shall also contain a narrative summary of any exceptions to Waste Discharge Requirements and dates of septic tank pumping.

ORDERED BY   
Executive Officer

December 5, 1997  
Date