

LATE REVISIONS – 17 April 2015

Item 36. E. & J. Gallo Winery, Fresno Winery, Fresno County – *Consideration of Revised Waste Discharge Requirements, Order 94-103*

Waste Discharge Requirements

Page 2, Finding 9, modify Finding 9 as shown below:

9. The Gallo Fresno Winery is a wine making grape juice concentrate facility in the San Joaquin Valley and produces four primary products: wine, grape juice concentrate, distilled spirits, and compost. Gallo processes about 650,000 tons of grapes annually at the Fresno Winery. Crushed grapes are transferred to tanks for fermenting, and solids such as skins and seeds are further processed to extract alcohol and grape byproducts, including pomace which is used as cattle feed, cogeneration material, and for compost. A portion of the grape juice is sent to an evaporator for concentrating. Concentrate is processed, blended, and in some cases pasteurized and packaged at its **adjacent San Joaquin Valley Concentrate facility. Wastewater from the San Joaquin Valley Concentrate facility can be discharged directly to the Fresno-Clovis Regional Wastewater Treatment Facility (Fresno WWTF) under a pre-treatment permit, or comingled with Gallo's wastewater and treated in the anaerobic treatment system. As discussed in more detail below, treated wastewater from the anaerobic treatment system can be discharged to the Fresno WWTF under a pre-treatment permit, or discharged to Gallo's land application areas.** The distillation process involves boiling grape products in a still and transferring the liquid to tanks for storage. Gallo reuses any excess condensate in its Winery boilers and cooling towers.

Page 3, Finding 11, Modify first paragraph of Finding 11 as shown below:

11. In 2007, Gallo installed an anaerobic treatment system to improve the quality of its process wastewater to be discharged to the land application areas or to the ~~Fresno-Clovis Regional Wastewater Treatment Facility (Fresno WWTF)~~. The anaerobic treatment system consists of the following pre-treatment, treatment, and post-treatment primary components...

Monitoring and Reporting Program

Page 10, Vadose Zone Monitoring, add nitrate as nitrogen and total Kjeldahl nitrogen to the list of analyses and replace BOD₅ with Total Organic Carbon:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Quarterly ¹	pH	s.u.	Grab ²
Quarterly ¹	EC	umhos/cm	Grab ²
Quarterly¹	Nitrate as nitrogen	mg/L	Grab²
Quarterly ¹	TKN	mg/L	Grab ²
Quarterly ¹	Total Organic Carbon BOD₅	mg/L	Grab ²

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
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1. Samples to be collected immediately following application of wastewater to the area where each lysimeter is located.
2. Samples to be collected at depths of 2, 5, and 10 feet bgs.

Response to Written Comments on Tentative Waste Discharge Requirements

Page 4, Response to Ms. Kipps, 9 March 2015, Comment 7.

Response to 9 March 2015 Comment 7: Central Valley Water Board staff added Attachment E, a map showing the land application area with the Gallo's block numbers shown. Discussions with Gallo staff indicate the ponds in question are storm water ponds for the San Joaquin Valley Concentrate facility and they do not receive wastewater from Gallo. ~~The San Joaquin Valley Concentrate facility is not part of the TWDRs.~~