



California Regional Water Quality Control Board Central Valley Region

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4 April 2007

Dustin Brassfield
High Valley Estate Vineyards, LLC
750 Round Mountain Road
P.O. Box 1603
Clearlake Oaks, CA 95423

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106 HIGH VALLEY ESTATES VINEYARDS, LLC, LAKE COUNTY

Regional Water Board staff has reviewed your 12 March 2007 Report of Waste Discharge (RWD) for coverage under Regional Board Resolution No. R5-2003-0106, Waiver of Waste Discharge Requirements for Small Food Processors, Including Wineries, Within the Central Valley Region. The RWD included a Notice of Non-Applicability for compliance with the storm water General Permit and an \$872 filing fee. Our review finds the RWD to be complete.

Resolution No. R5-2003-0106 (a copy of which is enclosed) is a conditional waiver of waste discharge requirements for small food processors, including wineries. Based on the information you have submitted, the discharge as described in the RWD satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of grapes crushed and wastewater produced.

Discharge Description

Dustin Brassfield, dba High Valley Estates Vineyards, LLC (hereafter Discharger) owns and will operate High Valley Vineyard at 750 Round Mountain Road in Clearlake Oaks, Lake County (Assessors Parcel No. 006-012-790). Activities at the winery facility will include receiving, crushing and pressing of grapes; fermentation; processing into finished wines; and distribution.

The RWD states that the Discharger will crush approximately one ton of grapes during the first year of operation producing approximately 1,250 gallons of wastewater. The types of chemicals used for processing and equipment cleaning include: (a) sulfur dioxide, (b) organic acids such as tartaric, malic, and citric acids, and (c) yeast culture. Other materials that may be used are (a) malo-lactic culture, (b) di-ammonium-phosphate, (c) fining agents, and (d) chorine.

Wastewater generated during grape crushing activities will gravity flow from a crush pad located in an existing 484 square foot garage and then into a 2,500 gallon above ground storage tank via a piping system. The level of wastewater in the storage tank will be monitored by the Discharger to prevent an overflow. As necessary, the hauling of wastewater will be

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performed by an authorized licensed waste hauler to a permitted disposal facility such as Lake County Sanitation District's Northwest or Southeast Wastewater Treatment Plants. Disposal within Lake County will require pretreatment which is achievable through dilution and chemical pH adjustments conducted by the licensed waste hauler.

Solid/semi-solid wastes such as pomace (skins, seeds, pulp, stems, etc. resulting from the grape crush) generated by the processing operations will be placed in half-ton macro bins and transported to the vineyard. The solids will then be spread out over the 25 acres of vineyards and plowed/disked into the soil.

Conditional Waiver

Based on the information submitted in the RWD and subsequent technical reports, the discharge as described above satisfies the general and specific conditions of Resolution No. R5-2003-0106 for the current amount of wastewater produced. Therefore, this letter serves as formal notice that Resolution No. R5-2003-0106 is applicable and waste discharge requirements for this facility are waived.

Enclosed is a copy of Resolution No. R5-2003-0106 and the associated monitoring and reporting program. As described therein, an annual monitoring report that contains the information described in Item Nos. 1, 3 and 5 of the monitoring and reporting program must be submitted by 1 February of each year.

If the discharge violates the terms or conditions of the waiver, the Regional Water Board may take enforcement action, including assessment of administrative civil liability. If the methods of winery wastewater and solids disposal change from those described in the RWD, you must submit a new RWD. Please note that the waiver will expire on 11 July 2008, at which time you must submit a new RWD with a filing fee to renew the waiver, or cease the discharge.

If you have any questions regarding this letter, please do not hesitate to call Guy Childs at (916) 464-4648.

- Original signed by -

PAMELA C. CREEDON
Executive Officer

Enc: Resolution No. R5-2003-0106

cc w/o enc: Ray Ruminski, Lake County Department of Environmental Health, Lakeport

gjc:4 April-07