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California Regional Water Quality Control Board
Central Valley Region
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23 January 2008

Susan Curtis
Lonen Family Estate Winery
4400 Atlas Peak Road
Napa, CA 94559

Jamey Whetstone
P.O. Box 10039
Napa, CA 94581

NOTICE OF APPLICABILITY OF RESOLUTION NO. R5-2003-0106
LONEN FAMILY ESTATE WINERY, NAPA COUNTY

Regional Water Board staff has reviewed your 15 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. Supplemental information was received on 31 October 2007, and 6 and 20 December 2007. 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

Susan Curtis (hereafter Discharger) owns and will operate Lonen Family Estate Winery. The winery is located on a 44-acre parcel at 4400 Atlas Peak Road, (Assessors Parcel No. 032-540-037) in Napa County. The parcel contains the owners residence, a guesthouse, and 5.8 acres of vineyard. Two additional buildings and a 6,000 square foot covered tank pad will also be constructed on the parcel. 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 produce up to 30,000 gallons of wine generating a maximum of 99,000 gallons of wastewater annually. Wastewater generated during grape crushing activities will flow via gravity from grated inlets located in a concrete crush pad and from other processing operations into two 2,500-gallon fiberglass underground settling tanks. From the settling tank, the wastewater will gravity flow to a 1,500-gallon underground recirculation tank equipped with pumps used to dose an Orenco AdvanTex® package treatment unit. A 1,500-gallon fiberglass underground pump tank will serve as a demand dose lift station. From the pump tank, the effluent will be conveyed to a 10,000-gallon aboveground polyethylene

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storage tank. All pumps will be controlled by a remote telemetry system, which includes alarm functions that automatically alert the operator in the event of a problem.

From the storage tank, the effluent will be pumped and metered through a 4-inch magnetic flow meter at an application rate of approximately one gallon per vine per hour to 5.8 acres of vineyards or 5,250 vines via a surface drip irrigation system. Supplemental irrigation water will also be added to the system as needed.

Solid/semi-solid wastes generated from the grape crush and tank-washing operations will consist of pomace, seeds, and stems. The solids/semi-solid wastes will be temporarily stored in a covered dumpster. Approximately 125,625 pounds of these solids/semi-solid wastes will be generated annually and will either be hauled off-site or applied to the vineyard.

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, 2 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 volume of wastewater increases beyond 99,000 gallons per year, or the method 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: Napa County Department of Environmental Management, Napa

gjc: 23 Jan-08