

ATTACHMENT B

REVISED MONITORING AND REPORTING PROGRAM NO. R5-2014-0816 (REV. 1)

FOR
SUTTER HOME WINERY
SUTTER HOME WINERY - WESTSIDE FACILITY WASTEWATER TREATMENT FACILITY
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) is a companion order to Notice of Applicability (NOA) 97-10-R5164. The MRP describes requirements for monitoring influent flows, septic tanks, filtration, subsurface dispersal areas, and sludge disposal. This MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this revised MRP unless and until another revised MRP is issued by the Executive Officer.

Section 13267 of the California Water Code states, in part:

“In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.”

Section 13268 of the California Water Code states, in part:

“(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying and information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.”

The Discharger owns and operates the facility that is subject to the Notice of Applicability (NOA) of Water Quality Order No. 97-10-DWQ (General Order). The reports are necessary to ensure that the Discharger complies with the General Order. Pursuant to Section 13267 of the California Water Code, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

SEPTIC TANK MONITORING

The Discharger shall monitor the septic tanks as described below. Septic tanks shall be inspected annually for the presence of sludge in the second compartment of each septic tank. If sludge is encountered, then the septic tank shall be inspected as described in the table below. In addition, the first compartment of each tank shall be monitored as described below once every three years, even if no sludge is encountered in the second compartment.

<u>Parameter</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Minimum Inspection</u>	<u>Reporting Frequency</u>
Septic tank valves, pumps, filters, and switching system ¹	N/A	Observation	Weekly	Quarterly
Sludge depth and scum thickness in the first compartment of each septic tank	Feet	Staff Gauge	Annually	Annually
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Annually	Annually
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Annually	Annually

¹. The Discharger shall visually inspect the tanks for signs of damages, leakage, or deterioration

The Discharger shall follow routine monitoring and preventative maintenance procedures recommended by the manufacturer of the septic system. The Discharger shall retain records of each inspection by location within the facility noting the date and measured readings, and calculations. The Discharger shall also record when cleaning is required, the condition of the tanks, and the date that cleaning or repairs occurred and by whom. Copies of any Liquid Waste Hauler manifests shall be retained for review as with any other record concerning documentation of compliance with the Order.

EFFLUENT MONITORING

The Discharger shall monitor effluent flow to each leachfield as follows:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Total flow to the leachfields	gpd	Meter Observation	Weekly	Quarterly
Flow to each leachfield section	gpd	Calculated ¹	Weekly	Quarterly

¹. Per dose counter.

LEACHFIELD MONITORING

The Discharger shall conduct a visual inspection of the leachfield **weekly**, and the results shall be included in the quarterly monitoring report. Photocopies of entries into an operator’s log are acceptable. Evidence of surfacing wastewater, erosion, field saturation, runoff, or the presence of nuisance conditions shall be noted in the report. If surfacing water is found, then a sample shall be collected and tested for total coliform organisms and total dissolved solids. In addition to the visual inspections, monitoring of the leachfields shall include the following:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Application Rate ¹	gal/acre•day	Calculated	Monthly	Quarterly
Acreage Applied ²	Acres	Calculated	Monthly	Quarterly

^{1.} The application rate for each leachfield.

^{2.} Land application areas shall be identified and a map identifying all land application areas included.

The inspection report shall document the dates of discharge to each dispersal area, any findings of surfacing effluent, and prepare a map showing such areas if they occur. Records of inspection shall be stored onsite and available for review during inspections.

REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, leachfield, etc.), and reported analytical result for each sample are readily discernible. The data shall be summarized in such a manner to clearly illustrate compliance with waste discharge requirements and spatial or temporal trends, as applicable. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported in the next scheduled monitoring report.

A. Quarterly Monitoring Report

Quarterly monitoring reports shall be submitted to the Central Valley Water Board by the **1st day of the second month after the quarter** (i.e. the January-March quarterly report is due by May 1st). The reports shall bear the certification and signature of the Discharger’s authorized representative. At a minimum, the quarterly monitoring reports shall include:

1. Results of influent monitoring, effluent monitoring, and leachfield monitoring;
2. A comparison of monitoring data to the discharge specifications, disclosure of any violations of the General Order, and an explanation of any violation of those requirements. Data shall be presented in tabular format;

3. Copies of periodic calibration logs for all field test instruments;
4. If requested by staff, copies of laboratory analytical report(s);
5. Any tank pumping activity;

B. Fourth Quarterly (Annual) Report

An Annual Report shall be submitted to the Central Valley Water Board by **1 February** each year. The Annual Report shall include the following:

1. The results of quarterly monitoring for the fourth quarter;
2. The results from annual monitoring of the septic tanks;
3. Tabular and graphical summaries of all data collected during the year;
4. An evaluation of the performance of the leachfields, including discussion of capacity, effluent distribution, pressure monitoring, standing water, leachfield erosion, and a forecast of the flows anticipated in the next year;
5. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program;
6. Annual summary of the septic tank repairs or cleaning for the year, including the number of tanks cleaned, verification that those tanks were pumped, and that waste was removed by a licensed hauler;
7. A statement of when the O&M Manual was last reviewed for adequacy, and a description of any changes made during the year;

A letter transmitting the self-monitoring reports shall accompany each report. The letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the Discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain the following penalty of perjury statement by the Discharger, or the Discharger's authorized agent, as described in the Standard Provisions General Reporting Requirements Section B.2.d:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of the those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

The Discharger shall implement the above revised monitoring program on **1 July 2014**, or on the first day of discharge, whichever comes first.

Ordered by: _____ Original signed by: _____
PAMELA C. CREEDON, Executive Officer
1 May 2014

(Date)

SA: 05/01/2014