

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM R5-2012-0811

CALIFORNIA DEPARTMENT OF TRANSPORTATION  
ELKHORN SAFETY ROADSIDE REST AREA  
SACRAMENTO COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring the effluent, septic tank inspection and monitoring, and leach field. This MRP is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless a revised MRP has been 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 Water Quality Order No. 97-10-DWQ. The reports are necessary to ensure that the Discharger complies with the waste discharge requirements. Pursuant to Section 13267 of the California Water Code, the Discharger shall implement this MRP and shall submit the monitoring reports described herein.

All samples shall be representative of the volume and nature of the discharge or matrix of material sampled. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form.

Field test instruments (such as those used to test pH, dissolved oxygen, and electrical conductivity) may be used provided that:

1. The user is trained in proper use and maintenance of the instruments;
2. The instruments are field calibrated prior to monitoring events at the frequency recommended by the manufacturer;
3. Instruments are serviced and/or calibrated by the manufacturer at the recommended frequency; and
4. Field calibration reports are submitted as described in the "Reporting" section of this MRP.

### EFFLUENT MONITORING

Effluent samples shall be taken prior to leach field system. At a minimum, effluent monitoring shall consist of the following:

<u>Constituent/Parameter</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>	<u>Reporting Frequency</u>
Flow to leach field <sup>1</sup>	gpd	Meter	Monthly	Annually

<sup>1</sup> At a minimum, the total effluent flow shall be measured monthly to calculate the average daily flow for the year. Effluent flow shall be determined by monitoring the facility water meter.

### SEPTIC TANK INSPECTION AND MONITORING

The Discharger shall monitor the septic tank as follows:

<u>Parameter</u>	<u>Units</u>	<u>Type of Measurement</u>	<u>Inspection Frequency</u>	<u>Reporting Frequency</u>
Sludge depth and scum thickness in each 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

The septic tank shall be pumped when any one of the following conditions exists or may exist before the next inspection:

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

In lieu of septic tank measuring, the septic tank may be pumped annually.

Records shall be stored onsite and available for review during inspections, and shall include the name/contact information for the hauling company, the amount of waste transported, the date removed from the facility, the disposal facility name and address, and all analytical data required by the entity accepting the waste. These records shall be submitted as part of the annual monitoring report.

### **LEACH FIELD DISPOSAL AREA MONITORING**

Visual inspection of the leach field shall be conducted on a monthly basis. Results shall be recorded and submitted with the annual 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 (to include but not limited to objectionable odors and unexpected plant growth) shall be noted in the report. These records shall be submitted as part of the annual monitoring report.

### **REPORTING**

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type (e.g., effluent, sludge, etc.), constituents, 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 to the Central Valley Water Board.

As required by the California Business and Professions Code Sections 6735, 7835, and 7835.1, all Groundwater Monitoring Reports shall be prepared under the direct supervision of a Registered Engineer or Geologist and signed and stamped by the registered professional.

#### **A. Annual Report**

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

1. Tabular and graphical summaries of all data collected during the year.
2. An evaluation of the performance of the wastewater treatment system, including discussion of capacity issues, nuisance conditions, system problems, and a forecast of the flows anticipated in the next year.
3. A discussion of compliance and the corrective action taken, as well as any planned or proposed actions needed to bring the discharge into full compliance with the waste discharge requirements.

4. A discussion of any data gaps and potential deficiencies/redundancies in the monitoring system or reporting program.
5. A summary of information on the disposal of septic and sludge monitoring.

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 and shall be signed by the Discharger or the Discharger's authorized agent:

*"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 monitoring program as of the date of the Order.

Ordered by: Original signed by Ken Landau for  
PAMELA C. CREEDON, Executive Officer  
15 May 2012  
Date