

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2008-0811

FOR  
VALLEY ORGANICS, INC.  
GREEN WASTE COMPOSTING FACILITY  
SAN JOAQUIN COUNTY

This Monitoring and Reporting Program (MRP) describes requirements for monitoring of the runoff retention pond at the Valley Organics, Inc. (hereafter "Discharger") green waste composting facility. This MRP is issued pursuant to Water Code Section 13267. Section 13267 of the California Water Code states, in part, "(a) *A regional board, in establishing...waste discharge requirements... may investigate the quality of any waters of the state within its region*" and "(b) (1) *In conducting an investigation..., the regional board may require that any person who has discharged, discharges, or is suspected of discharging, or who proposes to discharge within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of discharging, or who proposes to discharge waste outside of its region that could affect the quality of waters of the state 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 reports and the benefits to be obtained from the reports. In requiring these reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify evidence that supports requiring the person to provide the reports.*" The monitoring reports required by this MRP are necessary to assure that needed data and evaluation are reported to help determine the threat to water quality presented by the facility operations, and to determine appropriate requirements in any future waste discharge requirements. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

All water samples should be representative of the volume and nature of the discharge. The time, date, and location of each grab sample shall be recorded on the sample chain of custody form. Field test instruments may be used for measuring field parameters (such as pH and electrical conductivity) provided that:

1. The operator is trained in the proper use of the instrument;
2. The instruments are field calibrated prior to each use;
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.

**RAINFALL MONITORING**

Rainfall shall be monitored at the facility during production hours on a daily basis between 1 October and 1 May at an onsite rainfall gauge as follows:

<u>Monitoring Point</u>	<u>Device</u>	<u>Units</u>	<u>Monitoring Frequency</u>	<u>Reporting Frequency</u>
Representative Location	Rainfall Gauge	Inches & Hundredths	Daily	Quarterly

**RUNOFF RETENTION POND MONITORING**

The runoff retention pond shall be monitored as required in the table below. Freeboard in the pond shall be measured vertically from the surface of the pond water to the lowest elevation of the surrounding berms. Runoff retention pond monitoring shall include the following:

<b>RETENTION POND MONITORING PROGRAM</b>		
<u>Parameter</u>	<u>Units</u>	<u>Frequency</u>
<b>Field Parameters</b>		
Freeboard	feet & tenths	Weekly
Electrical Conductivity	µmhos/cm	Monthly
pH	Number	Monthly
<b>Monitoring Parameters</b>		
Ammonia as Nitrogen	mg/L	Quarterly
Chloride	mg/L	Quarterly
Sulfate	mg/L	Quarterly
Nitrate as Nitrogen	mg/L	Quarterly
Total Kjeldahl Nitrogen	mg/L	Quarterly
Total Phosphorous	mg/L	Quarterly
Total Dissolved Solids	mg/L	Quarterly
Total Lead	ug/L	Quarterly

**REPORTING**

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date, sample type, and reported analytical result for each sample are readily discernible.

### Quarterly Monitoring Reports

Quarterly Reports shall be submitted to the Regional Board by the **1<sup>st</sup> day of the second month** following the end of the reporting period (i.e., 1 May, 1 August, 1 November, and 1 February). The Quarterly Reports shall be transmitted with the certification statement required below and shall include the following:

1. A discussion of the monitoring results and comparison of the data with underlying groundwater quality.
2. Cumulative tabulated results of all pond and rainfall data.
3. Copies of field calibration reports for electrical conductivity and pH measurements.
4. Copies of all laboratory analytical report(s).

Reports that do not comply with the above-required format will be **REJECTED** and the Discharger shall be deemed to be in noncompliance with this Order.

A letter transmitting the monitoring reports shall accompany each report. Such a letter shall include a discussion of operation or facility modifications. The transmittal letter accompanying monitoring reports submitted under this Order shall contain a statement by the discharger, or the discharger's authorized agent, under penalty of perjury, that reads as follows:

*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 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 this Order.

Ordered by: \_\_\_\_\_  
PAMELA C. CREEDON, Executive Officer  
\_\_\_\_\_  
9 April 2008  
(Date)

WLB