

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2007-0833
FOR
SCOTTS COMPANY, LLC
FOR DISCHARGES OF GREEN WASTE FOR COMPOSTING
WITHIN THE CENTRAL VALLEY REGION

The Scotts Company, LLC (hereafter Discharger) shall submit reports required by this Monitoring and Reporting Program (MRP) pursuant to Section 13267 of the California Water Code. Section 13267(b) of the California Water Code provides that: *"In conducting an investigation specified in subdivision (a), the regional water 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."*

The technical reports required by this Order are necessary to ensure compliance with this Order and to protect the waters of the state. This MRP is effective for one year and shall be implemented to collect additional water quality data to determine if waste discharge requirements are necessary to regulate the discharge. Waste has been discharged or may continue to be discharged at the property, which is currently owned and operated by the Discharger named in this Order. Failure to submit the required reports can result in the imposition of civil monetary liability.

A. RUNOFF MONITORING

The Discharger shall monitor and sample all runoff as shown in Table 1 below. Sample collection shall follow standard USEPA protocol and the current storm water pollution prevention plan. Additional runoff sample locations shall be added east of the product storage area during this monitoring and reporting period. The additional locations should include a collection point north of the confluence of Potter Creek and Mormon Slough, and a collection point south of this confluence. Also, an additional collection point shall be monitored and sampled east of the steer manure pile.

B. LEACHATE GENERATION MONITORING

Based on the Report of Waste Discharge, product piles are exposed to rainfall, and runoff and ponding occurs. This runoff may impact both surface water and groundwater. Therefore, the Discharger shall conduct the additional observational monitoring required under the "Reporting" section of this Monitoring and Reporting Program. The Discharger's log shall record whether leachate was observed, and if so, the location, estimated quantity and/or extent, and whether it was collected and returned to the compost.

<u>Table 1</u>		
<u>Parameter</u>	<u>Units</u>	<u>Frequency</u>
Field Parameters		
Odors	---	Daily ¹
Freeboard	feet & tenths	Not Applicable
Specific Conductance	µmhos/cm	Monthly
pH	Number	Monthly
Turbidity	Turbidity Units	Monthly
Monitoring Parameters		
Ammonia as Nitrogen	mg/L	Monthly
Chloride	mg/L	Monthly
Sulfate	mg/L	Monthly
Nitrate as Nitrogen	mg/L	Monthly
Total Kjeldahl Nitrogen	mg/L	Monthly
Total Phosphorous	mg/L	Monthly
Total Dissolved Solids	mg/L	Monthly
General Minerals	mg/L	Monthly
Total Metals	mg/L	Monthly
STLC ²	mg/L	
Biological Oxygen Demand	mg/L	Monthly
¹ The Discharger's log shall record whether odors were observed, and if so, the relative magnitude and estimated extent of the odors, the estimated wind direction and speed, and any measures taken to reduce or eliminate the odors. ² If total metals exceed Water Quality Objectives found in the Basin Plan, then Discharger shall analyze for Soluble Threshold Limit Concentration (STLC) using Citric Acid solution. Discharger should check with Laboratory hold times.		

C. REPORTING

This Monitoring and Reporting Program shall be performed for a duration of five months starting in December 2007 through April 2008. The Discharger shall report field and laboratory test results in monthly Monitoring Reports. The Discharger shall submit the monthly reports to the Regional Water Board by the **30th day of the following month**. The Discharger shall arrange the data in tabular form so that the date, the constituents,

the concentrations, and the units are readily discernible. A discussion of the monitoring results shall precede the tabular summaries.

As required by the California Business and Professions Code Sections 6735, 7835, and 7835.1, all reports requiring a technical interpretation shall be prepared by a registered professional engineer or geologist (or their subordinate) and signed by the registered professional.

Each Monthly Report is to include the following information:

- (a) A Facility map showing the location of the composting, feedstock, and storage areas; any runoff retention basins; or surface water conveyance system; and other pertinent site features.
- (b) A summary of the Facility's overall state of compliance during the previous month.
- (c) A discussion of the monitoring results including a description of monitoring conducted, where the samples were collected, and a summary of the sampling protocol.
- (d) A discussion of the results of the leachate generation monitoring shall include tabulated daily rainfall data, compost moisture data, and leachate electrical conductivity readings (if applicable).
- (e) If leachate was present, or if the compost reached field capacity during the wet season, the monthly report shall describe what new or additional management practices will be used during the next wet season to prevent the formation of leachate or shall propose construction of low permeability pads.
- (f) The results of odor monitoring required for any runoff retention basins and a discussion of any measures taken to reduce or eliminate odors, if necessary.
- (g) A description of the types of additives and feedstock used in the composting process during the previous month.
- (h) The range of percentages of additives and feedstock used in the composting process during the previous month.
- (i) An estimate of the maximum volume, in cubic yards, of green waste compost and green waste material undergoing the composting process that were present at the Facility prior to the wet season.
- (j) Tabulated **cumulative** (current and historical) monitoring data required by Table 1, above.
- (k) A copy of the laboratory analytical reports and the chain of custody.
- (m) Following the end of the monitoring and sampling period (December 2007 through April 2008) established in this MRP, the Discharger shall submit an Annual

Monitoring Summary Report to the Regional Water Board covering the monitoring period. The annual report shall summarize the information specified in this MRP.

The results of any monitoring done more frequently than required at the locations specified in the MRP shall also be reported to the Regional Water Board.

The Discharger shall include a signed cover letter transmitting each monitoring report that shall include the following certification:

"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 knowledge and 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 17 December 2007. The monitoring program shall continue through 30 April 2008, with the final monthly report and the Annual Report due by **30 May 2008**.

Ordered by: _____
PAMELA C. CREEDON, Executive Officer

17 December 2007
Date

TDF: 17 DEC 07