

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM (CI-1695)
FOR
CITY OF LOS ANGELES
(Toyon Canyon Landfill)**

A. MONITORING PROVISIONS

1. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by the Executive Officer. Specific methods of analysis must be identified. If methods other than U. S. EPA approved methods or standard methods are used, the exact methodology must be submitted for review and must be approved by the Executive Officer prior to use. The director or lab supervisor of the laboratory whose name appears on the certification shall supervise all analytical work in his/her laboratory and shall sign all reports of such work submitted to the Regional Board.
2. If the City of Los Angeles Bureau of Sanitation (City) monitors any pollutants more frequently than required by Order No. R4-2002-0076, using the most recent version of Standard U. S. EPA Methods, or as specified in Order No. R4-2002-0076, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report. The increased frequency of monitoring shall also be reported.
3. The discharger shall report all instances of noncompliance not reported under Reporting Requirement A.33 of Order No. R4-2002-0076 at the time monitoring reports are submitted. The reports shall contain the information listed in Reporting Requirement A.33.
4. Sample collection, storage, and analysis shall be performed according to the most recent version of Standard U. S. EPA Methods, and in accordance with an approved sampling and analysis plan.
5. All monitoring instruments and equipment which are used by the discharger to fulfill the prescribed monitoring program shall be properly calibrated and maintained as necessary to ensure their continued accuracy.
6. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and copies of all reports required Order No. R4-2002-0076. Records shall be maintained for a minimum of five years from the date of the sample, measurement, report or application. This period may be

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extended during the course of any unresolved litigation regarding this discharge or when requested by the Executive Officer.

7. Records of monitoring information shall include:
 - a. The date, identity of sample, monitoring point from which it was taken, and time of sampling or measurement;
 - b. The individual(s) who performed the sampling or measurements;
 - c. Date and time that analyses were started and completed, and the name of the personnel performing each analysis;
 - d. The analytical techniques or method used, including method of preserving the sample and the identity and volumes of reagents used;
 - e. Calculation of results;
 - f. Results of analyses, and the method detection limit (MDL) for each parameter, and
 - g. Laboratory quality assurance results (e.g. percent recovery, response factor).
8. The monitoring reports shall be signed by an authorized person as required by Reporting Requirement 36 of Order No. R4-2002-0076.

B. SITE POST-CLOSURE MAINTENANCE

1. The discharger shall perform inspections of the landfill site at the frequencies specified in the approved Final Closure and Post-Closure Maintenance Plan (FCPCMP) referenced in Finding 18. II. of Order No. R4-2002-0076 and report the results semi-annually. The report shall contain information on the site's condition and a discussion of any significant findings with regard to:
 - a. General site condition;
 - b. Surface cover and slope;
 - c. Drainage facilities;
 - d. Groundwater and vadose zone monitoring networks;
 - e. Methane gas control system;

- f. Observation of seepage from the site; and
 - g. Maintenance activities at the site.
2. If a measurably significant evidence of a release from the waste management unit is determined, the discharger shall comply with all applicable requirements of title 27, California Code of Regulations (27 CCR), Division 2, Chapter 3, Subchapter 5, Article 2 (Closure and Post-Closure Maintenance Standards for Disposal Sites and Landfills).

C. GROUNDWATER MONITORING PROGRAM

- 1. The discharger shall establish and maintain groundwater wells at the landfill site to be used as part of the groundwater quality monitoring program to reflect any changes to the detection monitoring program or caused by an evaluation monitoring program or a corrective action program pursuant to section 20385 of 27 CCR.
- 2. If a measurably significant evidence of a release from the waste management unit is determined, the discharger shall conduct required monitoring and response programs in accordance with section 20385 of 27 CCR
- 3. Prior to pumping monitoring wells for sampling, the static water level shall be measured in each well.
- 4. The discharger shall submit a compliance evaluation summary of the groundwater data obtained. The summary shall contain a table that includes the following information:
 - a. Monitoring parameters;
 - b. Detection limit of monitoring equipment;
 - c. Measured concentrations found in the current sampling event.
- 5. For each monitored groundwater body, the discharger shall measure the water level in each well and determine groundwater flow rate and direction at least semi-annually, including the times of expected highest and lowest elevations of the water level for the respective groundwater body. Groundwater elevations for all background and downgradient wells for a given groundwater body shall be measured within a period of time short enough to avoid temporal variations in groundwater flow which could preclude accurate determination of groundwater flow rate and direction.

D. REPORTS TO BE FILED WITH THE BOARD

1. All required groundwater monitoring reports shall be submitted no later than one month following the end of their respective reporting period. The reports shall be comprised of at least the following in addition to the specific contents listed for each respective report type:

- a. Transmittal Letter

A letter summarizing the essential points shall be submitted with each report. The transmittal letter shall include:

- i. A discussion of any requirement violations found since the last such report was submitted and shall describe actions taken or planned for correcting the violations. If the discharger has previously submitted a detailed time schedule for correcting said requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. If no violations have occurred since the last submittal, this shall be stated in the transmittal letter; and
- ii. A statement certifying that, under penalty of perjury, that to the best of the signer's knowledge the report is true, complete, and correct. This statement shall be signed by an individual that meets the requirements contained in Reporting Requirement 36 of Order No. R4-2002-0076.

- b. Semi-Annual Report

The semi-annual report shall contain, but not be limited to the following:

- i. Site maintenance outlined in section B of this monitoring and reporting program.
- ii. Groundwater analysis and flow rate outlined in section C of this monitoring and reporting program.
- iii. A map (or copy of an aerial photograph) showing the locations of observation stations, monitoring points, and background monitoring points.

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c. Annual Summary Report

The discharger shall submit an annual report containing the following information to the Regional Board covering the previous monitoring year. The annual reporting period ends March 31.

- i. For each monitoring point, submit in graphical format the laboratory analytical data for all samples taken within at least the previous five calendar years. Each graph shall plot the concentration of the constituent over time for a given monitoring point, at a scale appropriate to show trends or variations in water quality.
- ii. A comprehensive discussion of the compliance record and results of any corrective actions taken or planned which may be needed to bring the discharger into full compliance with the waste discharge requirements.
- iii. A written summary of the monitoring results and monitoring system(s), indicating any changes made or observed since the previous annual report.
- iv. A topographic map at appropriate scale, showing the direction of groundwater flow at the landfill site.

E. REPORTING SCHEDULE

Required monitoring reports shall be submitted to the Regional Board in accordance with the following schedule:

<u>Report Frequency</u>	<u>Report Period</u>	<u>Report Due</u>
Semiannually	April – September October – March	October 30 April 30
Annually	April – March	April 30

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Monitoring reports shall be submitted to:

California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013
ATTN: Technical Services Unit

Ordered by _____

Dennis A. Dickerson
Executive Officer
March 28, 2002