

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

**MONITORING AND REPORTING PROGRAM No. CI-8171 8307  
LYNWOOD TOWN CENTER (SLIC #824)  
(GROUNDWATER TREATMENT FACILITY)  
(NPDES NO. CAG914001)**

The discharger shall implement this monitoring program on the effective date of this permit. Monitoring reports shall be received by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January-March	April 15
April-June	July 15
July-September	October 15
October-December	January 15
Annual	March 15

Before commencing any discharge, a representative sample shall be analyzed, and the test results must meet all discharge limitations in Part E and Attachment A.7.d of Order No. 97-044.

All monitoring reports shall include discharge limitations in the Order, tabulated analytical data, the chain of custody, laboratory report (including but not limited to date and time of sampling, date of analyses, method of analysis and detection limits). If there is no discharge, the report shall so state it.

**I. Discharge Monitoring**

Sampling station(s) shall be established at the discharge point and shall be located where representative samples of the effluent can be obtained. Provisions shall be made to enable visual inspections before discharge. In the event of presence of oil sheen, debris, and/or other objectionable materials or odors, discharge shall not be commenced before compliance of the requirements is ascertained. All visual observations shall be included in the monitoring report.

The Discharger shall notify this Regional Board in writing of the location(s) of the sampling stations once established.

The following shall constitute the discharge monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> <sup>(1)</sup>
Total waste flow	gal/day	-----	Continuously
pH	pH units	grab	monthly
Total suspended solids	mg/L	grab	quarterly

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> <sup>(1)</sup>
Residual chlorine <sup>(2)</sup>	mg/L	grab	annually
Detergents as Methylene Blue Active Substances (MBAS)	mg/L	grab	annually
Acute toxicity <sup>(3)</sup>	%Survival	grab	annually
Turbidity	NTU	grab	quarterly
Settleable solids	ml/L	grab	quarterly
BOD <sub>5</sub> 20° C	mg/L	grab	quarterly
Oil and grease	mg/L	grab	quarterly
Temperature	°F	grab	quarterly
Sulfides	mg/L	grab	quarterly
Phenols	mg/L	grab	quarterly
Phenolic compounds (chlorinated)	µg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Arsenic	µg/L	grab	quarterly
Cadmium	µg/L	grab	quarterly
Chromium	µg/L	grab	quarterly
Copper	µg/L	grab	quarterly
Lead	µg/L	grab	quarterly
Mercury	µg/L	grab	quarterly
Selenium	µg/L	grab	quarterly
Silver	µg/L	grab	quarterly
Methyl Tertiary Butyl Ether (MTBE)	µg/L	grab	monthly <sup>(4)</sup>
Benzene	µg/L	grab	monthly <sup>(4)</sup>
Ethylbenzene	µg/L	grab	monthly <sup>(4)</sup>
Toluene	µg/L	grab	monthly <sup>(4)</sup>
Xylene	µg/L	grab	monthly <sup>(4)</sup>
Ethylene dibromide	µg/L	grab	monthly <sup>(4)</sup>
Carbon tetrachloride	µg/L	grab	monthly <sup>(4)</sup>

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u> <sup>[1]</sup>
Tetrachloroethylene	µg/L	grab	monthly <sup>[4]</sup>
Trichloroethylene	µg/L	grab	monthly <sup>[4]</sup>
1,4-Dichlorobenzene	µg/L	grab	monthly <sup>[4]</sup>
1,1-Dichloroethane	µg/L	grab	monthly <sup>[4]</sup>
1,2-Dichloroethane	µg/L	grab	monthly <sup>[4]</sup>
1,1-Dichloroethylene	µg/L	grab	monthly <sup>[4]</sup>
Vinyl chloride	µg/L	grab	monthly <sup>[4]</sup>
Total petroleum hydrocarbon	mg/L	grab	monthly <sup>[4]</sup>

[1] A representative sample shall be analyzed and the test results show compliance with all discharge limitations of Order No. 97-044. If any constituent exceeds the limit in Order No. 97-044, the discharge shall be terminated and shall only be resumed after remedial measures have been implemented, and full compliance with the requirements have been ascertained. The Discharger shall inform this Regional Board by telephone within 24 hours from the time the exceedance has been discovered.

[2] If no chlorine is added, the report shall so state.

[3] By the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" - September 1991, (EPA/600/4-90/027). Submission of bioassay results should include the information noted on pages 70-73 of the "Methods". The fathead minnow (*Pimephales Promelas*) shall be used as the test species. If the results of the annual toxicity test yield a survival of less than 90%, then the frequency of analysis shall be increased to monthly until at least three consecutive test results have been obtained and full compliance with Effluent Limitations has been demonstrated, after which the frequency of analysis shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

[4] Weekly sampling shall be conducted for the first three months.

## II. Reporting and Laboratory Analyses

The Discharger shall inform this Regional Board 24 hours before the start of the discharge.

The Discharger shall inform this Regional Board of the termination of the remediation project.

All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer.

Samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC items should be run on the same dates when samples were actually analyzed and documentation shall accompany the laboratory reports.

The detection limits employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular detection limit is not attainable and obtains approval for a higher detection limit from the Executive Officer.

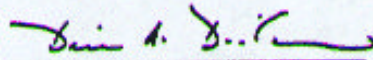
III. Notification

The Discharger shall notify the Executive Officer in writing prior to discharge of any chemical, which may be toxic to aquatic life. Such notification shall include:

1. Name and general composition of the chemical,
2. Frequency of use,
3. Quantities to be used,
4. Proposed discharge concentrations and,
5. EPA registration number, if applicable.

No discharge of such chemical shall be made prior to the Executive Officer's approval.

Ordered by:



DENNIS A. DICKERSON  
Executive Officer

Date: November 20, 2000

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