

**State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. 8218**

**for**

**THE CITY OF ARCADIA  
(Anoakia Water Supply Well)  
(NPDES NO. CAG994001)**

**I. REPORTING REQUIREMENTS**

The Discharger shall implement this monitoring program on the effective date of coverage under this permit. Monitoring reports shall be submitted monthly and must be received by the Regional Board by the fifteenth day of the second month following each monthly sampling period. The first report (for January, 2001) under this monitoring program is due by March 15, 2001.

Before commencing any discharge, a representative sample shall be analyzed, and the test results must meet all discharge limitations stated in this permit.

If there is no discharge during a sampling period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

All monitoring reports shall include discharge limitations in the Order, tabulated analytical data, the chain of custody form, the analytical laboratory report (including, but not limited to, date and time of sampling, date of analyses, method of analysis, and detection limits), and discharge certification statement.

**II. EFFLUENT MONITORING REQUIREMENTS**

Sampling stations shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. Provisions shall be made to enable visual inspection before discharge. If oil sheen, debris, and/or other objectionable materials or odors are present, discharge shall not be commenced before compliance with the requirements is demonstrated. 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>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total waste flow	gal/day	recorder	continuously
Temperature	°F	grab	once per discharge event
pH	pH units	grab	once per discharge event
Total suspended solids	mg/L	grab	once per discharge event
Turbidity	mg/L	grab	once per discharge event
BOD <sub>5</sub> @ 20°C	mg/L	grab	monthly
Oil and Grease	mg/L	grab	once per discharge event
Settleable Solids	ml/L	grab	once per discharge event
Sulfides	mg/L	grab	once per discharge event
Detergents as MBAS	mg/L	grab	monthly
Total dissolved solids	mg/L	grab	once per discharge event
Sulfate	mg/L	grab	once per discharge event
Chloride	mg/L	grab	once per discharge event
Nitrogen <sup>(1)</sup>	mg/L	grab	once per discharge event
Acute toxicity <sup>(2)</sup>	% survival	grab	<sup>(3)</sup>
Pollutants of concern (See Attachment B)		grab	<sup>(3)</sup>

(1) = Nitrate-nitrogen + Nitrite-nitrogen

(2) = Results of toxicity tests shall be included in the first monitoring report following sampling. 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 toxicity 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.

(3) = Sample shall be collected and analyzed once at the beginning of discharge and annually thereafter.

### III. GENERAL PROVISIONS FOR REPORTING

- A. The Discharger shall inform this Regional Board 24 hours before the start of the discharge.
- B. Each monitoring report must affirm in writing that: "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current U.S. EPA guideline procedures or as specified in this Monitoring Program."

- C. Samples must be analyzed within allowable holding time as specified in 40 CFR Part 136.3. All Quality Assurance/Quality Control (QA/QC) analyses should be performed on the same dates when samples are actually analyzed and documentation shall accompany the laboratory reports.
- D. The monitoring report shall specify the USEPA analytical method used, the Method Detection Limit (MDL) and the Minimum Level (ML) (Refer to Appendix I) for each pollutant. For the purpose of reporting compliance with numerical limitations, performance goals, and receiving water limitations, analytical data shall be reported with one of the following methods, as the case may be:
1. An actual numerical value for sample results greater than or equal to the ML; or
  2. "Detected, but Not Quantified (DNQ)" if results are greater than or equal to the laboratory's MDL but less than the ML;
  3. "Not-Detected (ND)" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

The MLs are those published by the State Water Resources Control Board in the *Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, March 2, 2000*.

The ML employed for an effluent analysis shall be lower than the permit limit established for a given parameter, unless the Discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the Discharger shall submit a list of the analytical methods employed for each test and associated laboratory QA/QC procedures.

#### IV. NOTIFICATION

The Discharger shall notify the Executive Officer in writing prior to discharge of any chemical that 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 obtaining the Executive Officer's approval.

V. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted by the Executive Officer to a less frequent basis if the Discharger requests same and the request is backed by statistical trends of monitoring data submitted.

Ordered by: \_\_\_\_\_  
Executive Officer

Date: December 22, 2000