

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

MONITORING AND REPORTING PROGRAM NO. CI-8208
FOR
THE CITY OF SAN BUENAVENTURA
(Ventura Water Reclamation Facility)
(NPDES NO. CAG994001)

The Discharger shall implement this monitoring program on the effective date of this permit. The Regional Board shall receive monitoring reports by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Date</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15
Annual Summary Report	March 1

The first monitoring report under this Program is due by January 15, 2001. If there is no discharge during any reporting period, the report shall so state. All monitoring reports shall include the discharge limitations in the Order, tabulated analytical data, the chain of custody form, and the laboratory report (including but not limited to date and time of sampling, date of analyses, method of analysis and detection limits).

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 commence until compliance with the requirements is demonstrated. All visual observations shall be included in the monitoring report.

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>
Effluent flow	gal/day	----	Continuously
pH	pH units	grab	Weekly
Temperature	° F	grab	Weekly
Chlorobenzene	µg/L	grab	Monthly
Bis (2-Ethylhexyl) phthalate	µg/L	grab	Monthly

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Oil and grease	mg/L	grab	Monthly
Suspended solids	mg/L	grab	Monthly
Turbidity	NTU	grab	Monthly
Settleable solids	ml/L	grab	Monthly
Sulfides	mg/L	grab	Monthly
BOD ₅ 20°C	mg/L	grab	Monthly
Total dissolved solids	mg/L	grab	Monthly
Chloride	mg/L	grab	Monthly
Sulfate	mg/L	grab	Monthly
Nitrate as N	mg/L	grab	Monthly
Nitrite as N	mg/L	grab	Monthly
Boron	mg/L	grab	Monthly
MBAS	ml/L	grab	Monthly
Total petroleum hydrocarbons ^[1]	µg/L	grab	Monthly ^{[2]/}
Methyl Tertiary Butyl Ether (MTBE) ^[1]	µg/L	grab	Monthly ^{[2]/}
Phenolic compounds (chlorinated) ^[1]	µg/L	grab	Monthly ^{[2]/}
Toxicity ^[3]	% Survival	grab	Annually

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- [1] If the results of the monthly analyses for these constituents are not detectable, then the frequency of analysis may revert to annually.
- [2] The minimum detection limits for these constituents must be able to demonstrate compliance with the limits established within the permit.
- [3] By the method specified in "Methods for Measuring 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 test yields a survival of less than 90%, then the frequency of analyses shall increase 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 analyses shall revert to annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

II. Laboratory Analyses

All chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer. A copy of the laboratory certification shall be provided with the first monitoring report and each time a new and/or renewal is obtained from ELAP.

Samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. Proper chain of custody procedures must be followed and a copy shall be submitted with the report.

The monitoring report shall specify the USEPA analytical method used, the Method Detection Limit (MDL), and the Minimum Level (ML¹) 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:

- a. An actual numerical value for sample results greater than or equal to the ML; or
- b. "Detected, but Not Quantified (DNQ)" if results are greater than or equal to the laboratory's MDL but less than the ML; or
- c. "Not Detected (ND)" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

¹The minimum levels are those published by the State Water Resources Control Board in the *Policy for the Implementation of Toxic 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 the associated laboratory quality assurance/quality control procedures.

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 obtaining the Executive Officer's approval.

IV. Monitoring Frequencies

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

Ordered by: _____
Dennis A. Dickerson
Executive Officer

Date: November 30, 2000

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