



# California Regional Water Quality Control Board

## Los Angeles Region

(50 Years Serving Coastal Los Angeles and Ventura Counties)

320 W. 4th Street, Suite 200, Los Angeles, California 90013  
Phone (213) 576-6600 FAX (213) 576-6640  
Internet Address: <http://www.swrcb.ca.gov/rwqcb4>



Gray Davis  
Governor

Winston H. Hickox  
Secretary for  
Environmental  
Protection

February 4, 2003

RFV

Mr. John Hundley  
World Oil Marketing Company  
9302 S. Garfield Avenue  
South Gate, CA 90280

Certified Mail  
Return Receipt Requested  
Claim No. 7001 2510 0003 6055 5237

Dear Mr. Hundley:

**COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT AND WASTE DISCHARGE REQUIREMENTS – WORLD OIL MARKETING COMPANY STATION NO. 62, 391 SOUTH ROBERTSON BOULEVARD, BEVERLY HILLS, CALIFORNIA (NPDES NO. CAG914001, CI-8533)**

We have completed our review of your application for a permit to discharge waste under the National Pollutant Discharge Elimination System (NPDES).

Based on the information provided, the proposed discharge of groundwater meets the conditions specified in Order No. R4-2002-0107, *Waste Discharge Requirements for Discharges of Treated Groundwater from Investigation and/or Cleanup of Volatile Organic Organic Compounds Contaminated-Sites to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties (General NPDES Permit No. CAG914001)*, adopted by this Board on May 23, 2002.

Enclosed are your Waste Discharge Requirements, which also serve as your General NPDES permit, consisting of Order No. R4-2002-0107 and Monitoring and Reporting Program No. CI-8533. The discharge limitations in Part F of Order No. R4-2002-0107 are applicable to your discharge. Discharge from the project drains to the Ballona Creek; therefore, the discharge limitations in Attachment B are not applicable to your discharge. Prior to starting discharge, a representative sample of the effluent shall be obtained and analyzed to determine compliance with the discharge limitations.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under Order No. R4-2002-0107. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit.

When submitting monitoring and technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8533 and NPDES No. CAG914001", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine your discharge monitoring reports with other reports. Submit each type of report as a separate document. In order to avoid future annual fees, please submit written notification when the project has been completed and the permit is no longer needed.

**California Environmental Protection Agency**

\*\*\*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrcb.ca.gov/news/echallenge.html>\*\*\*



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. John Hundley  
World Oil Marketing Company

- 2 -

February 4, 2003

We are sending Board Order No. R4-2002-0107 only to the applicant. For those on the mailing list, please refer to the Board Order previously sent to you. A copy of the Order will be furnished to anyone who requests it.

If you have any questions, please contact Thizar Tintut-Williams at (213) 576-6752.

Sincerely,



Dennis A. Dickerson  
Executive Officer

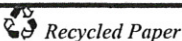
Enclosures: Fact Sheet  
Monitoring and Reporting Program No. 8533  
General NPDES Permit No. CAG914001, Order No. R4-2002-0107

cc: Environmental Protection Agency, Region 9, Clean Water Act Standards and Permits Office (WTR-5)  
U.S. Army Corps of Engineers  
NOAA, National Marine Fisheries Service  
Department of Interior, U.S. Fish and Wildlife Service  
James Maughan, Division of Water Quality, State Water Resources Control Board  
Michael Lauffer, Office of the Chief Counsel, State Water Resources Control Board  
California Department of Health Services, Drinking Water and Field Operations Branch  
California Department of Fish and Game, Region 5  
Los Angeles County, Department of Public Works, Environmental Programs Division  
Los Angeles County, Department of Health Services  
Los Angeles County, Department of Public Works, Flood Control Division  
City of Beverly Hills, City Manager  
Philip Nicolay, Earth Tech

/ttw

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State of California  
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION  
320 West 4th Street, Suite 200, Los Angeles

FACT SHEET  
WASTE DISCHARGE REQUIREMENTS  
FOR  
WORLD OIL MARKETING COMPANY  
(STATION NO. 62)

NPDES NO. CAG914001  
CI-8533

**PROJECT LOCATION**

391 South Robertson Boulevard  
Beverly Hills, CA 90210

**FACILITY MAILING ADDRESS**

9302 South Garfield Avenue  
South Gate, CA 90280

**PROJECT DESCRIPTION**

World Oil Marketing Company operates a service station (Station No. 62) located at 391 S. Robertson Boulevard in Beverly Hills. World Oil Marketing Company proposes to extract and treat petroleum-contaminated groundwater and then discharge the treated groundwater to the storm drain at the site. The Report of Waste Discharge indicated that the groundwater is impacted with petroleum hydrocarbons, benzene, toluene, ethylbenzene, total xylenes, methyl tertiary butyl ether, tertiary butyl alcohol, lead, and tetrachloroethylene. The proposed treatment system consists of a 300-gallon settling tank, filtration, and three liquid-phase activated carbon vessels.

**VOLUME AND DESCRIPTION OF DISCHARGE**

World Oil Marketing Company proposes to discharge up to 14,400 gallons per day of treated groundwater. The treated groundwater will be discharged to a storm drain located at the south east corner of Robertson Boulevard and Olympic Boulevard (Latitude 34° 02' 02", Longitude 118° 22' 30"), thence to the Ballona Creek, a water of the United States. See Figures 1, 2, and 3 for the site location, site layout plan, and schematic of waste flow diagram, respectively.

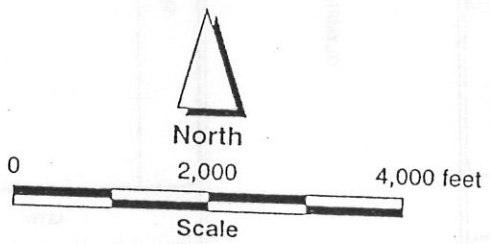
**FREQUENCY OF DISCHARGE**

The discharge is projected to begin in February 2003, and will occur continuously during remediation period.


**REUSE OF WATER**

World Oil Marketing Company had considered alternative reuse and/or method of disposal. This site is located in an industrial area. It is costly to discharge to the sanitary sewer line and water reclamation is not viable at the site. Therefore, reuse is not feasible, and the wastewater will be discharged to the storm drain.





Source: Base map from U.S.G.S. 7.5 minute series  
 Beverly Hills, CA Quadrangle, 1966  
 (Photorevised 1981).

<b>Site Location Map</b>		
Date 02/01	World Oil Station No. 62	
Project No. 43282	EARTH  TECH	Figure 1

**EXPLANATION**

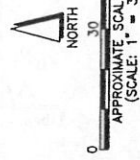
- EXISTING USTs LOCATIONS
- GROUNDWATER MONITORING WELL LOCATION
- ABANDONED GROUNDWATER MONITORING WELL LOCATION
- DOUBLE NESTED HIGH VACUUM WELL LOCATION (INSTALLED BY EARTH TECH, 12/27/01)
- SINGLE NESTED HIGH VACUUM WELL LOCATION (INSTALLED BY EARTH TECH, 12/27/01)
- PROPOSED GROUNDWATER RECOVERY WELL LOCATION

- MW-9
- MW-5
- HV-1
- HV-2
- RW-3

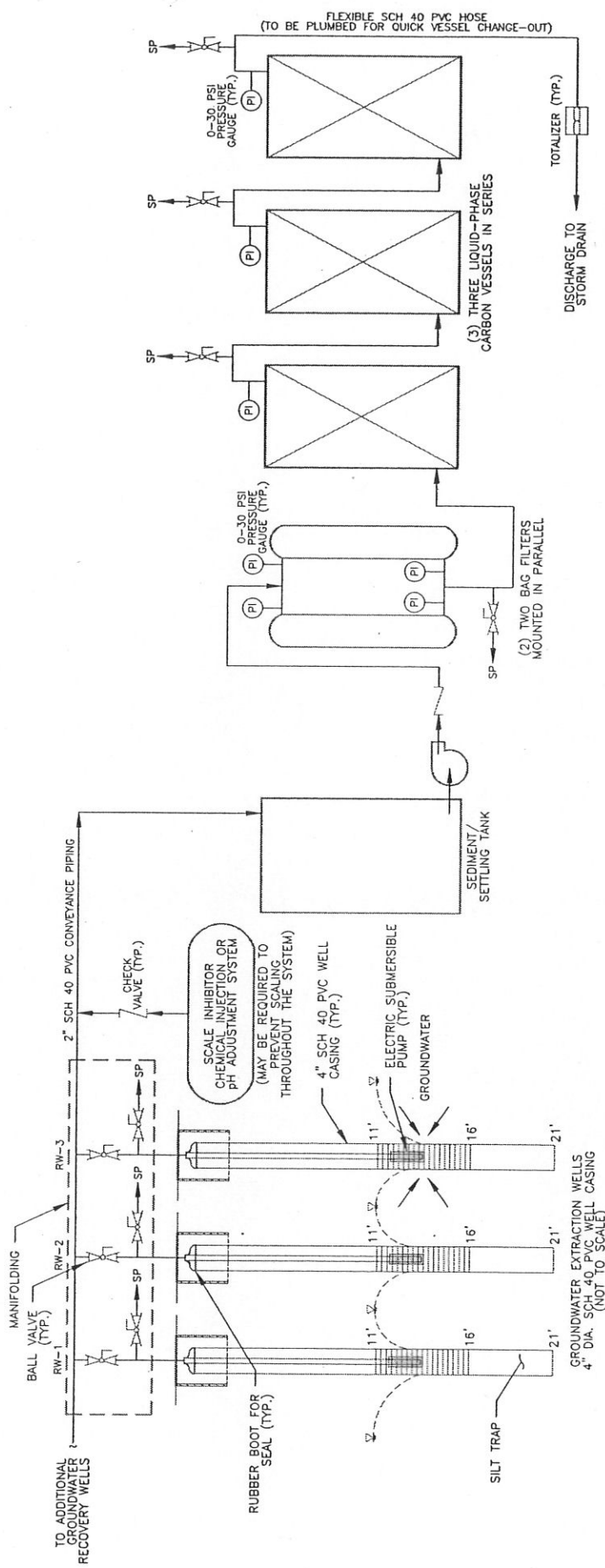


**GENERAL NOTES:**

- SOURCE OF MAP: SURVEYED BY AZIMUTH BOUNDARY SPECIALISTS, JANUARY, 1996. GROUNDWATER MONITORING WELLS SURVEYED BY DMG ENGINEERING, JANUARY 24, 2002.
- ON-SITE AND OFF-SITE FEATURES AND LOCATIONS ARE APPROXIMATE.



WORLD OIL MARKETING COMPANY  
 STATION NO. 02  
**HYDPE TEST AND GROUNDWATER EXTRACTION WELLS**  
 381 SOUTH ROBERTSON BOULEVARD  
 BEVERLY HILLS, CALIFORNIA  
 DATE: 05-02  
 PROJECT NO: 55205  
 EARTH TECH  
 FIGURE 2

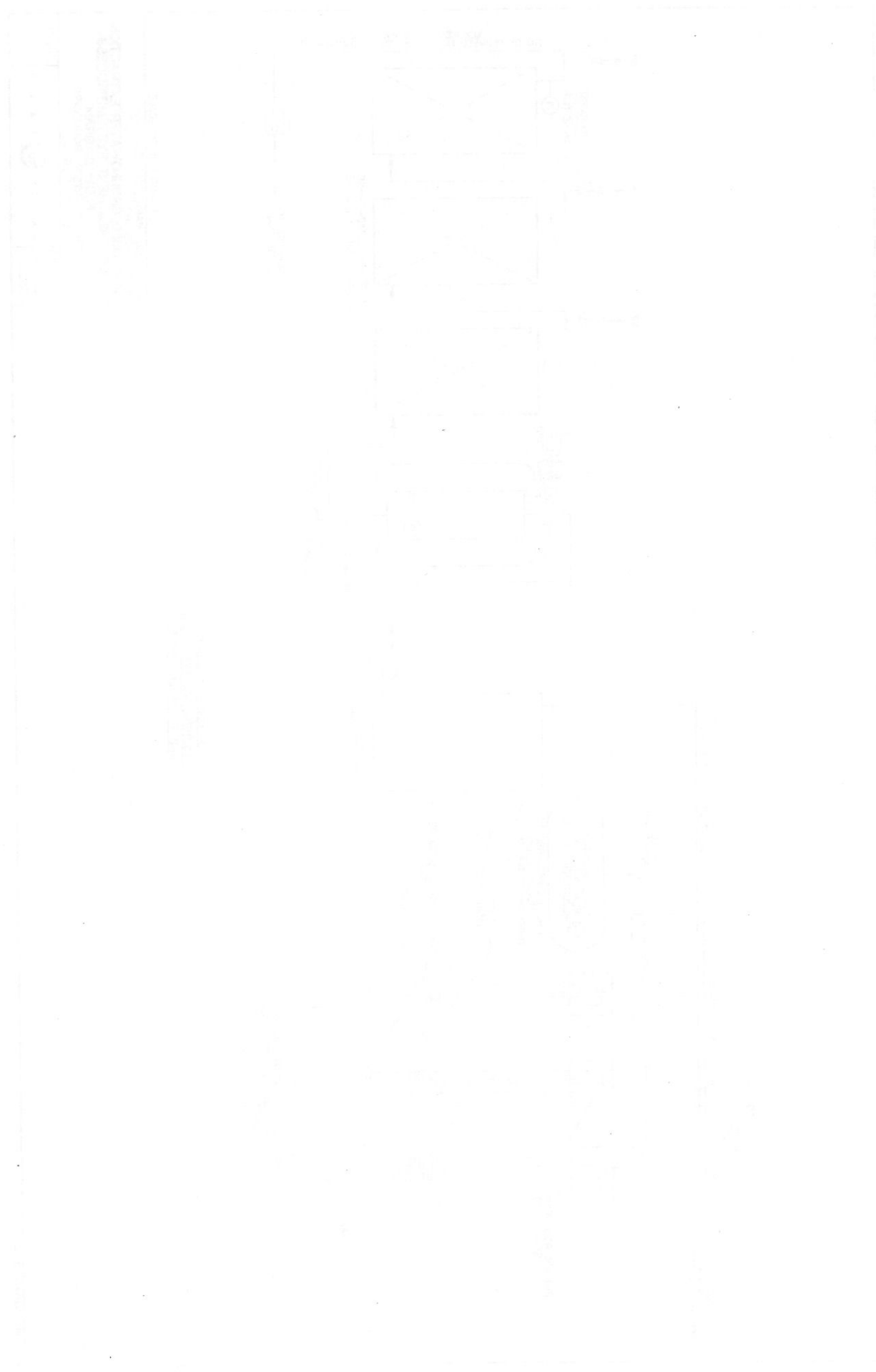


PROCESS FLOW DIAGRAM  
GROUNDWATER EXTRACTION  
AND TREATMENT SYSTEM

WORLD OIL MARKETING COMPANY  
STATION 62  
**PROPOSED GROUNDWATER EXTRACTION  
AND TREATMENT SYSTEM  
FLOW DIAGRAM**  
381 SOUTH ROBERTSON BOULEVARD  
BEVERLY HILLS, CALIFORNIA

DATE: 11-02  
PROJECT NO. 55205  
FIGURE 3

EARTH TECH





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

MONITORING AND REPORTING PROGRAM NO. 8533

for

WORLD OIL MARKETING COMPANY

(STATION NO. 62)

(NPDES NO. CAG914001)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program on the effective date of coverage under this permit. The Discharger shall submit monitoring reports to this Regional Board by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January – March	May 15
April – June	August 15
July – September	November 15
October – December	February 15
Annual Summary Report	March 15

- B. The first monitoring report under this Program is due by March 15, 2003. If there is no discharge during any reporting period, the report shall so state. The annual summary report shall contain a discussion of the previous year's effluent monitoring data, as well as graphical and tabular summaries of the data, and must be received by March 15, of each year.
- C. 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.
- D. Before commencing a new discharge, a representative sample of the effluent shall be obtained and analyzed for toxicity, and all the constituents listed on Part F. of Order No. R4-2002-0107. The test results must meet all applicable discharge limitations.

II. SAMPLE COLLECTION REQUIREMENTS

- A. Daily samples shall be collected each day.
- B. Weekly samples shall be collected on a representative day of each week.
- C. Monthly samples shall be collected on a representative day of each month.
- D. Quarterly samples shall be collected in February, May, August, and November.
- E. Semi-annual samples shall be collected in May and November.
- F. Annual samples shall be collected in November.

III. EFFLUENT MONITORING REQUIREMENTS

- A. Sampling stations shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The discharger shall notify this Regional Board in writing of the location(s) of the sampling stations once established. 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.
- B. If monitoring result indicates an exceedance of a limit contained in Order R4-2002-0107, the discharge shall be terminated and shall only be resumed after remedial measures have been implemented and full compliance with the requirements has been ascertained.
- C. In addition, as applicable, following the effluent limit exceedance, the discharger shall implement the following accelerated monitoring program:
  - 1. Monthly monitoring shall be increased to weekly monitoring;
  - 2. Quarterly monitoring shall be increased to monthly monitoring; and
  - 3. Semi-annually monitoring shall be increased to quarterly.
  - 4. Annually monitoring shall be increased to semi-annually.

If three consecutive accelerated monitoring events demonstrate full compliance with effluent limits, then the discharger may return to the regular monitoring frequency, with the approval of the Executive Officer of the Regional Board.

- D. The following shall constitute the discharge monitoring program for each Outfall location:

<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	monthly
pH	pH units	grab	monthly
Total Suspended Solids	mg/L	grab	monthly
Turbidity	mg/L	grab	monthly
BOD <sub>5</sub> 20°C	mg/L	grab	monthly
Oil and Grease	mg/L	grab	monthly
Settleable Solids	ml/L	grab	monthly
Sulfides	mg/L	grab	monthly
Phenols	mg/L	grab	monthly
Residual Chlorine	mg/L	grab	monthly

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Tetrachloroethylene	µg/L	grab	monthly <sup>1</sup>
Benzene	µg/L	grab	monthly <sup>1</sup>
Ethylbenzene	µg/L	grab	monthly <sup>1</sup>
Methyl Tertiary Butyl Ether (MTBE)	µg/L	grab	monthly <sup>1</sup>
Toluene	µg/L	grab	monthly <sup>1</sup>
Xylenes	µg/L	grab	monthly <sup>1</sup>
Lead	µg/L	grab	monthly <sup>1</sup>
Naphthalene	µg/L	grab	monthly <sup>1</sup>
Tertiary butyl alcohol (TBA)	µg/L	grab	monthly <sup>1</sup>
Total Petroleum Hydrocarbons	µg/L	grab	monthly <sup>1</sup>
Carbon Tetrachloride	µg/L	grab	annually
Chloroform	µg/L	grab	annually
1,1-Dichloroethane	µg/L	grab	annually
1,2-Dichloroethane	µg/L	grab	annually
1,1-Dichloroethylene	µg/L	grab	annually
1,4-Dioxane	µg/L	grab	annually
N-Nitrosodimethyl amine (NDMA)	µg/L	grab	annually
Perchlorate	µg/L	grab	annually
1,1,1-Trichloroethane	µg/L	grab	annually
Trichloroethylene	µg/L	grab	annually
Vinyl Chloride	µg/L	grab	annually
Acetone	µg/L	grab	annually
Acrolein	µg/L	grab	annually
Acrylonitrile	µg/L	grab	annually
Bromoform	µg/L	grab	annually
Chlorobenzene	µg/L	grab	annually
Chlorodibromomethane	µg/L	grab	annually
Chloroethane	µg/L	grab	annually
Dichlorobromomethane	µg/L	grab	annually
1,2-Dichloropropane	µg/L	grab	annually
1,3-Dichloropropylene	µg/L	grab	annually
Methyl bromide	µg/L	grab	annually
Methyl chloride	µg/L	grab	annually
Methylene chloride	µg/L	grab	annually
Methyl ethyl ketone (MEK)	µg/L	grab	annually
1,1,2,2-Tetrachloroethane	µg/L	grab	annually
1,2-Trans-dichloroethylene	µg/L	grab	annually
1,1,2-Trichloroethane	µg/L	grab	annually
Ethylene Dibromide	µg/L	grab	annually
Di-isopropyl ether (DIPE)	µg/L	grab	annually
Acute Toxicity	%survival	grab	annually

<sup>1</sup> Weekly for the first month, monthly thereafter, if no exceedance is observed.

#### IV. EFFLUENT TOXICITY TESTING

- A. The discharger shall conduct acute toxicity testing tests on 100% effluent grab samples by methods specified in 40 CFR Part 136 which cites USEPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms*, August 1993, (EPA/600/4-90/027F) or a more recent edition. Submission of bioassay results should include the information noted on pages 71-74 of the EPA/600/4-90/027F document.
- B. The fathead minnow, *Pimephales promelas*, shall be used as the test species for fresh water discharges and the topsmelt, *Atherinops affinis*, shall be used as the test species for brackish discharges. The method for topsmelt is found in USEPA's *Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, First Edition, August 1995, (EPA/600/R-95/136).
- C. 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 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.

#### V. GENERAL PROVISIONS FOR REPORTING

- A. The Discharger shall inform this Regional Board 24 hours before the start of the discharge.
- B. 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.
- C. Samples must be analyzed within allowable holding time 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.
- D. As required in part I.4 of Order No. R4-2002-0107, the monitoring report shall specify the USEPA analytical method used, the method detection limit, and the minimum level for each pollutant.



VI. NOTIFICATION

A. 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.

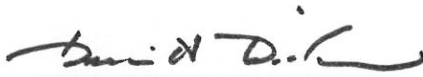
No discharge of such chemical shall be made prior to obtaining the Executive Officer's approval.

B. The Discharger shall notify the Regional Board via telephone and/or fax within 24 hours of noticing an exceedance above the effluent limits in Order No. R4-2002-0107. The Discharger shall provide to the Regional Board within 14 days of observing the exceedance a detailed statement of the actions undertaken or proposed that will bring the discharge into full compliance with the requirements and submit a timetable for correction.

VII. 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:



Dennis A. Dickerson  
Executive Officer

Date: February 4, 2003

/ttw

The District ...

- 1. ...
- 2. ...
- 3. ...
- 4. ...

The ...

The District ...

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