



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

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

Arnold Schwarzenegger
Governor

December 13, 2007

Mr. Monir Ibrahim, Manager
California Department of Transportation
100 S. Main Street
Los Angeles, CA 90012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Claim No. 7001 2510 0003 6055 6296

Dear Mr. Ibrahim:

CONTINUATION OF COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS—CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS), ROUTE 105 DEWATERING SYSTEM, GARFIELD/DOWNEY/ARDIS AVENUES, DOWNEY, CALIFORNIA (NPDES NO. CAG914001, CI-8068)

We have completed our review of your Notice of Intent (NOI) Form dated June 5, 2007, and the analytical results of representative groundwater samples submitted in order to continue enrollment under the General NPDES Permit. Discharge of groundwater generated from the above-referenced facility is currently regulated under NPDES General Permit No. CAG914001 (Order No. R4-2002-0107) adopted by this Board on May 23, 2002.

Based on the attached Fact Sheet and other information provided, we have determined that the groundwater discharge meets the conditions to be regulated under Order No. R4-2007-0022, *Waste Discharge Requirements for Discharges Treated Groundwater From Investigation and/or Cleanup of Volatile Organic Compounds Contaminated-Sites to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on April 5, 2007. Your existing enrollment under Order No. R4-2002-0107, which was issued to you on January 7, 2003, is superseded by this new permit.

Enclosed are your Waste Discharge Requirements, which also serve as your NPDES permit, consisting of Order No. R4-2007-0022 and Monitoring and Reporting Program No. CI-8068. The groundwater discharge flows into the Los Angeles River between Figueroa Street and Los Angeles River Estuary (Willow Street). Therefore, the discharge limits in Attachment B.7.d of Order No. R4-2002-0107 are applicable to your discharge.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8068 and NPDES No. CAG914001", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document. In order to avoid future annual fees, please

California Environmental Protection Agency



Recycled Paper

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

Mr. Monir Ibrahim, Manager
California Department of Transportation
(Route 105 Dewatering System)

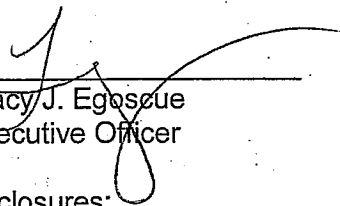
December 13, 2007

submit written notification when the project has been completed and the permit is no longer needed.

We are sending a copy of Order No. R4-2007-0022 only to the applicant. For those on the mailing list, please refer to the Board Order sent to you previously. A copy of the Order will be furnished to anyone who requests it, or it can be obtained at our web site address: http://www.swrcb.ca.gov/rwqcb4/html/permits/general_permits.html.

If you have any questions, please contact Namiraj Jain at (213) 620-6003.

Sincerely,



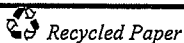
Tracy J. Egoscue
Executive Officer

Enclosures:

Fact Sheet for CI-8068
Order No. R4-2007-0022
Monitoring and Reporting Program No. CI-8068
Attachment A – Definitions, Acronyms & Abbreviations
Attachment B – Receiving Water Specific Limitations
Attachment D – Federal Standard Provisions
Attachment E – Screening Levels for General NPDES Permit
Appendix A – Minimum Levels

cc: Environmental Protection Agency, Region 9, Permit Section (WTR-5)
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Services, Division of Ecological Services
NOAA, National Marine Fisheries Service
Philip Isorena, SWRCB, NPDES Unit
California Department of Fish and Game, Marine Resources, Region 5
California Department of Health Services, Environmental Branch
Los Angeles County, Department of Public Works, Waste Management Division
Los Angeles County, Department of Health Services
City of Los Angeles, Department of Public Works, Stormwater Management Division
City Manager, City of Downey
Jae Kim, Tetrattech

California Environmental Protection Agency



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

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
CALIFORNIA DEPARTMENT OF TRANSPORTATION
(ROUTE 105 DEWATERING SYSTEM)
(NPDES NO. CAG914001, SERIES NO. 070)
CI-8068

FACILITY LOCATION

Ardis Avenue and Garfield Avenue
Downey, CA

FACILITY MAILING ADDRESS

100 S. Main Street
Los Angeles, CA 90012

PROJECT DESCRIPTION

California Department of Transportation (Caltrans) discharges wastewater from a permanent groundwater dewatering systems located along Route 105 freeway. Dewatering operation is necessary to prevent pressure buildup and to preserve the integrity of Route 105 freeway. The pump-houses are located at the following stations:

Dewatering Station	Location	Dewatering Wells
Garfield Pump-house	Garfield Avenue, Paramount	Well 1D1-1D13
Downey Pump-house	Downey Avenue, Downey	Well 2D1-2D2
Ardis Pump-house	Ardis Avenue, Downey	Well 3D1-3D2

Garfield pump-house is the only active groundwater dewatering station. The station is equipped with granular activated carbon beds to remove organic contaminants from the groundwater. The Downey and Ardis pump-houses are not active dewatering stations and are not equipped with treatment systems. These pump-houses are on standby mode and will be activated only if the groundwater rises to the lower edge of the road pavement. If dewatering operation is necessary, these two pump-houses will be equipped with a treatment systems to remove contaminants from the pumped groundwater before discharge to the storm drains.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 2.68 million gallons per day of treated groundwater will be discharged into the storm water catch basin located at the following stations listed below. The high rate of discharge is usually short duration, 7 to 10 days twice a year. The discharge flows to Los Angeles River, a water of the United States. The site location map and flow schematic diagram are shown in Figures 1 and 2, respectively.

Pumphouse	Latitude	Longitude	Receiving Water
Garfield	33° 54' 42"	118° 09' 56"	Los Angeles River
Downey	33° 54' 43"	118° 09' 15"	Los Angeles River
Ardis	33° 54' 52"	118° 07' 22"	Los Angeles River

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The discharge flows into the Los Angeles River between Figueroa Street and Los Angeles River Estuary (Willow Street). Therefore, the limitations in Attachment B.7.d of Order No. R4-2007-0022 are applicable to your discharge.

This Table lists the specific constituents and effluent limitations applicable to the discharge.

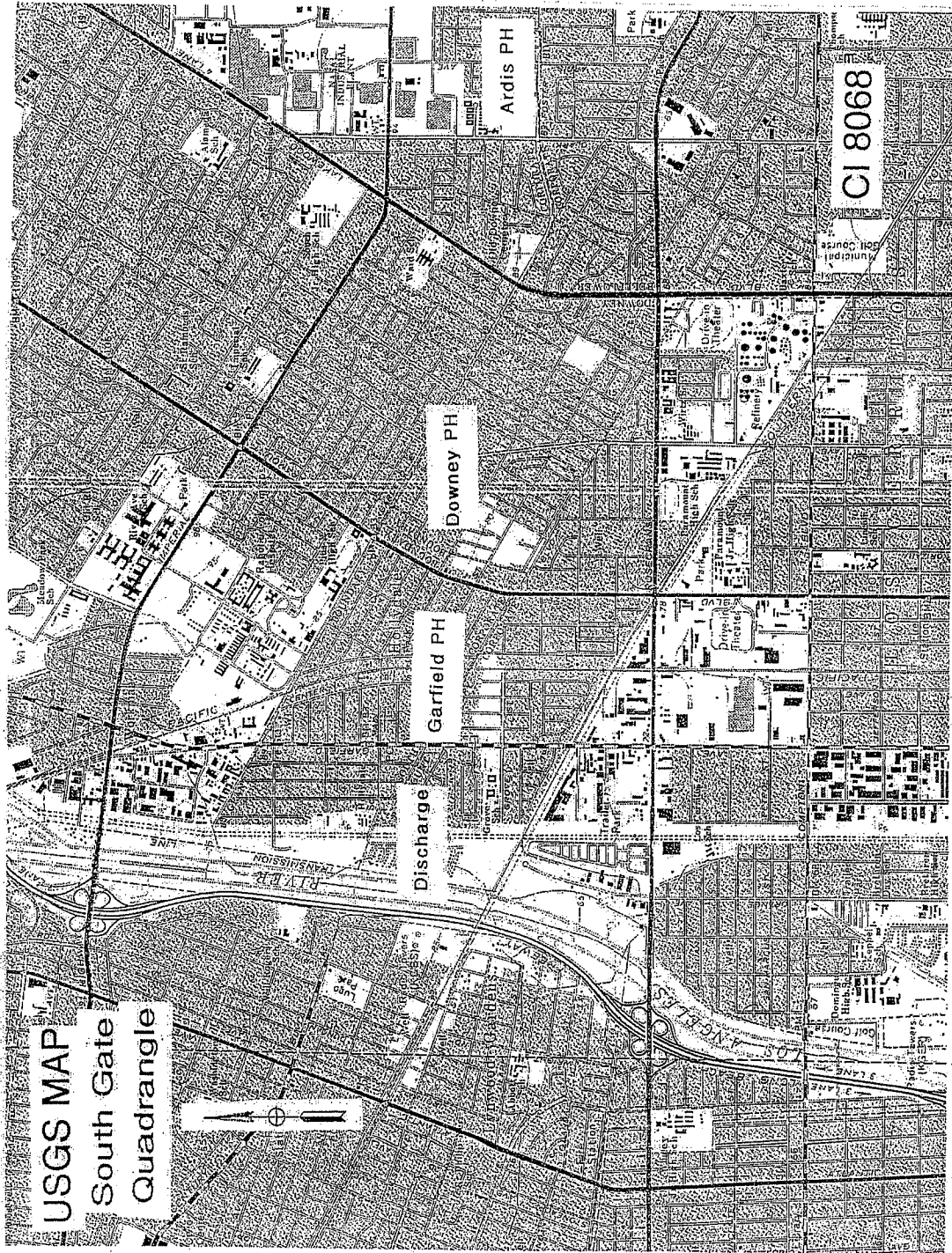
Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	150	50
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Total Dissolved Solids	mg/L	1500	---
Sulfate	mg/L	350	---
Chloride	mg/L	190	---
Nitrogen (NO ₃ -N +NO ₂ -N)	mg/L	8	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
1,1-Dichloroethylene	µg/L	0.057	---
Trichloroethylene	µg/L	2.7	---
Tertiary butyl alcohol (TBA)	µg/L	12	---
Vinyl Chloride	µg/L	0.5	---

FREQUENCY OF DISCHARGE

The high frequency discharge of groundwater will be intermittent.

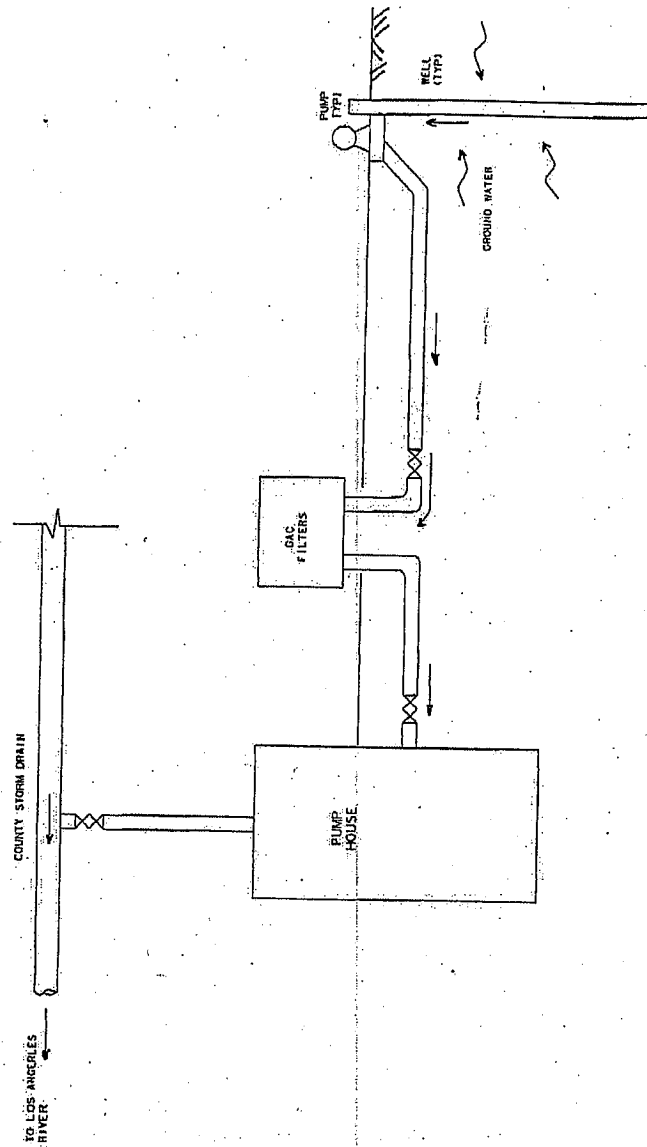
REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. It is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. Therefore, the treated groundwater will be discharged to the Los Angeles River in compliance with the requirements of the attached order.



Site Location
FIGURE 1

1 - 105 GROUND WATER EXTRACTION SCHEMATIC
GARFIELD, DOWNNEY, & ARD'S PUMPHOUSES
(NOT TO SCALE)



Treatment Schematic
FIGURE 2

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

MONITORING AND REPORTING PROGRAM NO. CI-8068
FOR

CALIFORNIA DEPARTMENT OF TRANSPORTATION

(ROUTE 105 DEWATERING SYSTEM)

(GENERAL NPDES PERMIT NO. CAG914001, SERIES NO. 070)

Enrollment to Order No. R4-2007-0022 shall become effective	December 13, 2007
Monitoring and Reporting Program shall become effective	December 13, 2007

Ordered By:


Tracy J. Egoscue
Executive Officer

Date:

December 13, 2007

TABLE OF CONTENTS

Monitoring and Reporting Program (MRP)

Table of Contents	1
I. General Monitoring Provisions	2
II. Monitoring Locations	6
III. Influent Monitoring Requirements	6
IV. Effluent Monitoring Requirements	6
V. Whole Effluent Toxicity Testing Requirements	7
A. Definition of Toxicity	7
1. Acute Toxicity	7
B. Acute Toxicity Effluent Monitoring Program	7
C. Reporting	7
VI. Land Discharge Monitoring Requirements	8
VII. Reclamation Monitoring Requirements	8
VIII. Receiving Water Monitoring Requirements – Surface Water and Groundwater	9
IX. Other Monitoring Requirements	9
X. Reporting Requirements	9
A. General Monitoring and Reporting Requirements	9
B. Self Monitoring Reports (SMRs)	9
C. Notification	11
D. Monitoring Frequencies Adjustment	11

LIST OF TABLES

Table 1. Monitoring Locations	5
Table 2. Effluent Monitoring Schedule	6
Table 3. Monitoring Period and Reporting Schedule	9

Monitoring and Reporting Program (MRP)

The Code of Federal Regulations section 122.48 requires that all NPDES permits specify monitoring and reporting requirements. Water Code Sections 13267 and 13383 also authorize the Regional Water Quality Control Board (Regional Water Board) to require technical and monitoring reports. This MRP establishes monitoring and reporting requirements, which implement the federal and California regulations.

I. GENERAL MONITORING PROVISIONS

- A. An effluent sampling station shall be established for Discharge Point 1 and shall be located where representative samples of that effluent can be obtained.
- B. This Regional Board shall be notified in writing of any change in the sampling stations once established or in the methods for determining the quantities of pollutants in the individual waste streams.
- C. Effluent samples shall be taken downstream of any addition to treatment works and prior to mixing with the receiving waters.
- D. This Regional Water Board shall be notified in writing of any change in the sampling stations once established or in the methods for determining the quantities of pollutants in the individual waste streams.
- E. Pollutants shall be analyzed using the analytical methods described in 40 CFR §§136.3, 136.4, and 136.5 (revised May 14, 1999); or, where no methods are specified for a given pollutant, by methods approved by this Regional Water Board or the State Water Board.
- F. Laboratories analyzing effluent samples and receiving water samples shall be certified by the California Department of Health Services ELAP or approved by the Executive Officer and must include QA/QC data in their reports. A copy of the laboratory certification shall be provided each time a new certification and/or renewal of the certification is obtained from ELAP.
- G. For any analyses performed for which no procedure is specified in the USEPA guidelines or in the MRP, the constituent or parameter analyzed and the method or procedure used must be specified in the monitoring report.
- H. Each monitoring report must affirm in writing that "all analyses were conducted at a laboratory certified for such analyses by the Department of Health Services or approved by the Executive Officer and in accordance with current USEPA guideline procedures or as specified in this Monitoring and Reporting Program".
- I. The monitoring reports shall specify the analytical method used, the Method Detection Limit (MDL), and the State Board Minimum Level (ML) for each pollutant. For the purpose of reporting compliance with numerical limitations, performance goals, and receiving water limitations, analytical data shall be reported by one of the following methods, as appropriate:
 1. An actual numerical value for sample results greater than or equal to the ML; or

2. "DNQ" if results are greater than or equal to the laboratory's MDL but less than the ML; or,
3. "ND" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

Analytical data reported as "less than" for the purpose of reporting compliance with permit limitations shall be the same or lower than the permit limit(s) established for the given parameter.

Current MLs (Attachment G) 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.

- J. Where possible, the MLs employed for effluent analyses shall be lower than the permit limitations established for a given parameter. If the ML value is not below the effluent limitation, then the lowest ML value and its associated analytical method shall be selected for compliance purposes. 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.

The Regional Water Board, in consultation with the State Water Board Quality Assurance Program, shall establish a ML that is not contained in Attachment G to be included in the Discharger's permit in any of the following situations:

1. When the pollutant under consideration is not included in Attachment G;
2. When the Discharger and Regional Water Board agree to include in the permit a test method that is more sensitive than that specified in 40 CFR Part 136 (revised May 14, 1999);
3. When the Discharger agrees to use an ML that is lower than that listed in Attachment G;
4. When the Discharger demonstrates that the calibration standard matrix is sufficiently different from that used to establish the ML in Attachment G, and proposes an appropriate ML for their matrix; or,
5. When the Discharger uses a method whose quantification practices are not consistent with the definition of an ML. Examples of such methods are the USEPA-approved method 1613 for dioxins and furans, method 1624 for volatile organic substances; and method 1625 for semi-volatile organic substances. In such cases, the Discharger, the Regional Water Board, and the State Water Board shall agree on a lowest quantifiable limit and that limit will substitute for the ML for reporting and compliance determination purposes.

- K. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR §136.3. All QA/QC items must be run on the same dates the samples were actually analyzed, and the results shall be reported in the Regional Water Board format, when it becomes available, and submitted with the laboratory reports. Proper chain of custody procedures must be followed, and a copy of the chain of custody shall be submitted with the report.
- L. All analyses shall be accompanied by the chain of custody, including but not limited to data and time of sampling, sample identification, and name of person who performed sampling, date of analysis, name of person who performed analysis, QA/QC data, method detection limits, analytical methods, copy of laboratory certification, and a perjury statement executed by the person responsible for the laboratory.
- M. The Discharger shall calibrate and perform maintenance procedures on all monitoring instruments and to insure accuracy of measurements, or shall insure that both equipment activities will be conducted.
- N. The Discharger shall have, and implement, an acceptable written quality assurance (QA) plan for laboratory analyses. The annual monitoring report shall also summarize the QA activities for the previous year. Duplicate chemical analyses must be conducted on a minimum of ten percent (10%) of the samples, or at least one sample per sampling period, whichever is greater. A similar frequency shall be maintained for analyzing spiked samples.
- O. When requested by the Regional Water Board or USEPA, the Discharger will participate in the NPDES discharge monitoring report QA performance study. The Discharger must have a success rate equal to or greater than 80%.
- P. For parameters that both monthly average and daily maximum limitations are specified and the monitoring frequency is less than four times a month, the following shall apply. If an analytical result is greater than the monthly average limitation, the Discharger shall collect four additional samples at approximately equal intervals during the month, until compliance with the monthly average limitation has been demonstrated. All five analytical results shall be reported in the monitoring report for that month, or 45 days after results for the additional samples were received, whichever is later. In the event of noncompliance with a monthly average effluent limitation, the sampling frequency for that constituent shall be increased to weekly and shall continue at this level until compliance with the monthly average effluent limitation has been demonstrated. The Discharger shall provide for the approval of the Executive Officer a program to ensure future compliance with the monthly average limitation.
- Q. In the event wastes are transported to a different disposal site during the report period, the following shall be reported in the monitoring report:
 - 1. Types of wastes and quantity of each type;
 - 2. Name and address for each hauler of wastes (or method of transport if other than by hauling); and

3. Location of the final point(s) of disposal for each type of waste.

If no wastes are transported off-site during the reporting period, a statement to that effect shall be submitted.

- R. Each monitoring report shall state whether or not there was any change in the discharge as described in the Order during the reporting period.
- S. 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).
- T. Before commencing a new discharge, a representative sample of the effluent shall be collected and analyzed for toxicity and for all the constituents listed in Fact Sheet, and the test results must meet all applicable limitations of Order No. R4-2007-0022. This requirement is not applicable to existing discharge.
- U. 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.
- V. If monitoring result indicate an exceedance of a limit contained in Order R4-2007-0022, 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.
- W. In addition, as applicable, following an effluent limit exceedance, the discharger shall implement the following accelerated monitoring program:
 - a. Monthly monitoring shall be increased to weekly monitoring,
 - b. Quarterly monitoring shall be increased to monthly monitoring , and
 - c. Semi-annually monitoring shall be increased to quarterly.
 - d. Annually monitoring shall be increased to semi-annually.

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

II. MONITORING LOCATIONS

The Discharger shall establish the following monitoring locations to demonstrate compliance with the effluent limitations, discharge specifications, and other requirements in this Order:

Table 1. Monitoring Location

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
Discharge Point 1 Discharge Point 2 Discharge Point 3	M-001	Treated effluent, after treatment and before contact with the receiving water and/or dilution by any other water or waste.

III. INFLUENT MONITORING REQUIREMENTS

The Discharger shall monitor the influent to the treatment system once annually for all the parameters listed in Table 2, except for toxicity.

IV. EFFLUENT MONITORING REQUIREMENTS

The Discharger shall monitor the effluent at Discharge Point 1, 2 & 3 as follows.

Table 2. Effluent Monitoring Schedule

Parameter	Units	Sample Type	Minimum Frequency of Analysis	Required Analytical Test Method
Flow	gal/day	totalizer	continuously ¹	Approved test methods described in the Federal Code of Regulations 40 CFR 136 ²
pH	pH units	grab	monthly	
Temperature	°F	grab	monthly	
Total Suspended Solids	mg/L	grab	monthly	
Turbidity	NTU	grab	monthly	
BOD ₅ 20°C	mg/L	grab	monthly	
Settleable Solids	ml/L	grab	monthly	
Sulfides	mg/L	grab	monthly	
Total Dissolved Solids	mg/L	grab	monthly	
Sulfate	mg/L	grab	monthly	
Chloride	mg/L	grab	monthly	
Nitrogen (NO ₃ -N +NO ₂ -N)	mg/L	grab	monthly	
Phenols	mg/L	grab	monthly	
Residual Chlorine	mg/L	grab	monthly	
1,1-Dichloroethylene	µg/L	grab	monthly	
Ttrichloroethylene	µg/L	grab	monthly	

¹ Record the monthly total flow and report the calculated daily average flow and monthly flow in the quarterly report, as appropriate.

² Pollutants shall be analyzed using the analytical methods described in 40 CFR Part 136; for priority pollutants the methods must meet the lowest minimum levels (MLs) specified in Attachment 4 of the SIP (State Implementation Policy), where no methods are specified for a given pollutant, by methods approved by this Regional Water Board or the State Water Board.

<i>Parameter</i>	<i>Units</i>	<i>Sample Type</i>	<i>Minimum Frequency of Analysis</i>	<i>Required Analytical Test Method</i>
Tertiary butyl alcohol (TBA)	µg/L	grab	monthly	
Vinyl Chloride	µg/L	grab	monthly	
Acute Toxicity	% survival	grab	annually	

V. WHOLE EFFLUENT TOXICITY TESTING REQUIREMENTS

A. Definition of Toxicity

Acute Toxicity

The MRP requires an annual test for acute toxicity which measures primarily lethal effects that occur over a 96-hour period. Acute toxicity shall be measured in percent survival measured in undiluted (100%) effluent.

B. Acute Toxicity Effluent Monitoring Program

1. The Discharger shall conduct acute toxicity testing on 100% of the effluent grab sample by methods specified in 40 CFR Part 136 which cites USEPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Fifth Edition, October 2002, (EPA/821-R-02-012).
2. 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 effluent. The method for topsmelt is found in USEPA's *Short-term Method 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), or a more recent edition.
3. In lieu of conducting the standard acute toxicity testing with the fathead minnow, the Discharger may elect to report the results or endpoint from the first 48 hours of the chronic toxicity test as the results of the acute toxicity test.
4. Effluent samples shall be collected after all treatment processes and before discharge to the receiving water.

C. Reporting

1. The Discharger shall submit a full report of the toxicity test results, including any accelerated testing conducted during the month as required by this permit. Test results shall be reported as % survival for acute toxicity test results with the self monitoring reports (SMR) for the month in which the test is conducted.

2. Test results for toxicity tests shall be reported according to the appropriate manual chapter on Report Preparation and shall be attached to the SMR. Routine reporting shall include, at a minimum, as applicable, for each test:
 - a. Sample date(s);
 - b. Test initiation date;
 - c. Test species;
 - d. End point values for each dilution (e.g., number of young, growth rate, percent survival);
 - e. NOEC value(s) in percent effluent;
 - f. IC₁₅, IC₂₅, IC₄₀ and IC₅₀ values in percent effluent;
 - g. TU_c values $\left(TU_c = \frac{100}{NOEC} \right)$;
 - h. Mean percent mortality (+standard deviation) after 96 hours in 100% effluent (if applicable);
 - i. NOEC and LOEC values for reference toxicant test(s);
 - j. IC25 value for reference toxicant test(s);
 - k. Any applicable charts; and
 - l. Available water quality measurements for each test (e.g., pH, D.O., temperature, conductivity, hardness, salinity, ammonia).
3. The Discharger shall provide a compliance summary, which includes a summary table of toxicity data from all samples collected during that year.
4. The Discharger shall notify by telephone or electronically, this Regional Water Board of any toxicity exceedance of the limit or trigger within 24 hours of receipt of the results followed by a written report within 14 calendar days of receipt of the results. The verbal or electronic notification shall include the exceedance and the plan the Discharger has taken or will take to investigate and correct the cause(s) of toxicity. It may also include a status report on any actions required by the permit, with a schedule for actions not yet completed. If no actions have been taken, the reasons shall be given.
5. When exceedance of the whole effluent acute toxicity occurs, the frequency of Acute Toxicity 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 test shall be included in the first monitoring report following sampling.

VI. LAND DISCHARGE MONITORING REQUIREMENTS

Not Applicable.

VII. RECLAMATION MONITORING REQUIREMENTS

Not Applicable.

VIII. RECEIVING WATER MONITORING REQUIREMENTS – SURFACE WATER AND GROUNDWATER

Not Applicable.

IX. OTHER MONITORING REQUIREMENTS

Not Applicable.

X. REPORTING REQUIREMENTS

A. General Monitoring and Reporting Requirements

1. The Discharger shall comply with all Standard Provisions (Attachment D) related to monitoring, reporting, and recordkeeping.
2. If there is no discharge during any reporting period, the report shall so state.
3. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall clearly list all non-compliance with waste discharge requirements, as well as all excursions of effluent limitations.
4. The Discharger shall inform the Regional Water Board well in advance of any proposed construction activity that could potentially affect compliance with applicable requirements.

B. Self Monitoring Reports (SMRs)

1. At any time during the term of this permit, the State or Regional Water Board may notify the Discharger to electronically submit Self-Monitoring Reports (SMRs) using the State Water Board's California Integrated Water Quality System (CIWQS) Program Web site (<http://www.waterboards.ca.gov/ciwqs/index.html>). Until such notification is given, the Discharger shall submit hard copy SMRs. The CIWQS Web site will provide additional directions for SMR submittal in the event there will be service interruption for electronic submittal.
2. The Discharger shall report in the SMR the results for all monitoring specified in this MRP. The Discharger shall submit SMRs including the results of all required monitoring using USEPA-approved test methods or other test methods specified in this Order. If the Discharger monitors any pollutant more frequently than required by this Order, the results of this monitoring shall be included in the calculations and reporting of the data submitted in the SMR.
3. Monitoring periods and reporting for all required monitoring shall be completed according to the following schedule:

Table 3. Monitoring Periods and Reporting Schedule

Sampling Frequency	Monitoring Period Begins On	Monitoring Period	SMR Due Date
Continuous	Permit effective date	All	Submit with quarterly SMR
Hourly	Permit effective date	Hourly	Submit with quarterly SMR
Daily	Permit effective date	(Midnight through 11:59 PM) or any 24-hour period that reasonably represents a calendar day for purposes of sampling.	Submit with quarterly SMR
Weekly	Sunday following permit effective date or on permit effective date if on a Sunday	Sunday through Saturday	Submit with quarterly SMR
Monthly	First day of calendar month following permit effective date or on permit effective date if that date is first day of the month	1 st day of calendar month through last day of calendar month	Submit with quarterly SMR
Quarterly	Closest of January 1, April 1, July 1, or October 1	January 1 through March 31. April 1 through June 30. July 1 through September 30. October 1 through December 31	45 days from the end of the monitoring period
Semiannually	Closest of January 1 or July 1 following permit effective date	January 1 through June 30 July 1 through December 31	45 days from the end of the monitoring period
Annually	January 1 following permit effective date	January 1 through December 31	45 days from the end of the monitoring period

4. Reporting Protocols. The Discharger shall report with each sample result the applicable Reporting Level (RL) and the current Method Detection Limit (MDL), as determined by the procedure in Part 136.

The Discharger shall report the results of analytical determinations for the presence of chemical constituents in a sample using the following reporting protocols:

- a. Sample results greater than or equal to the RL shall be reported as measured by the laboratory (i.e., the measured chemical concentration in the sample).
- b. Sample results less than the RL, but greater than or equal to the laboratory's MDL, shall be reported as "Detected, but Not Quantified," or DNQ. The estimated chemical concentration of the sample shall also be reported.

For the purposes of data collection, the laboratory shall write the estimated chemical concentration next to DNQ as well as the words "Estimated Concentration" (may be shortened to "Est. Conc.>"). The laboratory may, if such information is available, include numerical estimates of the data quality for the reported result. Numerical estimates of data quality may be percent accuracy (\pm a percentage of the reported value), numerical ranges (low to high), or any other means considered appropriate by the laboratory.

- c. Sample results less than the laboratory's MDL shall be reported as "Not Detected," or ND.
 - d. Dischargers are to instruct laboratories to establish calibration standards so that the ML value (or its equivalent if there is differential treatment of samples relative to calibration standards) is the lowest calibration standard. At no time is the Discharger to use analytical data derived from *extrapolation* beyond the lowest point of the calibration curve.
5. The Discharger shall submit SMRs in accordance with the following requirements:
- a. The Discharger shall arrange all reported data in a tabular format. The data shall be summarized to clearly illustrate whether the facility is operating in compliance with interim and/or final effluent limitations. The Discharger is not required to duplicate the submittal of data that is entered in a tabular format within CIWQS. When electronic submittal of data is required and CIWQS does not provide for entry into a tabular format within the system, the Discharger shall electronically submit the data in a tabular format as an attachment.
 - b. The Discharger shall attach a cover letter to the SMR. The information contained in the cover letter shall clearly identify violations of the WDRs; discuss corrective actions taken or planned; and the proposed time schedule for corrective actions. Identified violations must include a description of the requirement that was violated and a description of the violation.
 - c. SMRs must be submitted to the Regional Water Board, signed and certified as required by the Standard Provisions (Attachment D), to the address listed below:

**CRWQCB – Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013
Attn: Information & Technology Unit**

C. NOTIFICATION

1. 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:
 - a. Name and general composition of the chemical,
 - b. Frequency of use,
 - c. Quantities to be used,
 - d. Proposed discharge concentrations, and
 - e. EPA registration number, if applicable.

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

2. 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. R4-2007-0022. 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.

D. MONITORING FREQUENCIES ADJUSTMENT

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.