



EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

February 5, 2015

Mr. Frank Senteno
Director of Public Works
City of El Monte Water Department
11333 Valley Boulevard, City Hall West
El Monte, CA 91731

Certified Mail
Return Receipt Requested
Claim No. 7009 0820 0001 6812 2480

Dear Mr. Senteno:

COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS—CITY OF EL MONTE WATER DEPARTMENT, WATER WELL #3, IRIS LANE, EL MONTE, CALIFORNIA (NPDES NO. CAG994006, CI-10127)

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 attached Fact Sheet and other information provided, the proposed discharge of groundwater meets the conditions to be regulated under Order No. R4-2014-0141, *Waste Discharge Requirements and General National Pollutant Discharge Elimination System Permit for Discharges of Groundwater from San Gabriel Valley Groundwater Basin to Surface Waters in Upper San Gabriel River and Rio Hondo Watersheds Los Angeles County*, adopted by this Board on July 10, 2014.

Enclosed are your Waste Discharge Requirements, which also serve as your NPDES permit, consisting of Order R4-2014-0141 and Monitoring and Reporting Program No. CI-10127. The discharge limitations in Part V. A. Table 1 of Order No. R4-2014-0141 for the specific constituents listed on the Table 1 with the enclosed Fact Sheet are applicable to your discharge. The groundwater discharge flows to Eaton Wash thence to Rio Hondo and Whittier Narrows recharge basin. 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 this permit. All monitoring reports should be sent to the Regional Board, electronically by e-mail to losangeles@waterboards.ca.gov. When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-10127 and NPDES No. CAG994006", 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.

The Regional Board is implementing a paperless office system to reduce paper use, increase efficiency *and* provide a more effective way for our staff, the public and interested

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

Mr. Frank Senteno, Director of Public Works
City of El Monte Water Department

February 5, 2015

parties to view water quality documents. Therefore, please convert all regulatory documents, submissions, data and correspondence that you would normally submit to us as hard copies to a searchable Portable Document Format (PDF). Documents that are less than 10 MB should be emailed to losangeles@waterboards.ca.gov. Documents that are 10 MB or larger should be transferred to a disk and mailed to the address listed above. If you need additional information regarding electronic submittal of documents please visit the Regional Board's website listed above and navigate to Paperless Office.

To avoid paying future annual fees, please submit written request for termination of your enrollment under the general permit in a separate letter, when your project has been completed and the permit is no longer needed.

We are sending a copy of Order No. R4-2014-0141 only to the applicant. For those on the mailing list, please refer to the Board Order sent to you previously or download a copy of the Order from our website at http://www.waterboards.ca.gov/losangeles/board_decisions.

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

Sincerely,


Samuel Unger, P.E.
Executive Officer

Enclosures:

Order No. R4-2014-0141, General NPDES Permit No. CAG994006
Fact Sheet
Monitoring and Reporting Program No. CI-10127

cc: Environmental Protection Agency, Region 9, Permit Section (WTR-5)
State Water Resources Control Board, NPDES_Wastewater@waterboards.ca.gov
U.S. Army Corps of Engineers
NOAA, National Marine Fisheries Service
Department of Interior, U.S. Fish and Wildlife Service
California Department of Fish and Wildlife, Marine Resources, Region 5
Los Angeles Department of Public Works, Flood Control and Drainage
Los Angeles Department of Environmental Program
Randy Schoellerman, San Gabriel Basin Water Quality Authority
Jae Kim, Tetrattech

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
CITY OF EL MONTE WATER DEPARTMENT**

NPDES NO. CAG994006, R4-2014-0141, SERIES NO. 004, CI-10127

FACILITY ADDRESS

Water Well #3, Iris Lane near Tyler Avenue
El Monte, CA 91731

FACILITY MAILING ADDRESS

11333 Valley Boulevard, City Hall West
El Monte, CA 91731

PROJECT DESCRIPTION:

City of El Monte Water Department (Discharger) is proposing to discharge groundwater from well #3, and treated groundwater from a newly constructed treatment facility located at Iris Lane near Tyler Avenue in the City of El Monte. The groundwater at the site is impacted with volatile organics. Discharges from the well and the treatment plant are associated with well development, aquifer testing, and treatment system start-up activities. These discharges are necessary to successfully test and develop the well and the treatment plant as mandated by State Water Resources Control Board, Division of Drinking Water (DDW) under its 97-005 permit process before the groundwater from these wells can be commissioned for potable water supply use. The extracted groundwater will be passed through granular activated carbon vessels to remove volatile organics. Once the treatment system becomes fully operational, the treated water will be supplied to public for potable use.

The discharge from the well and the treatment facility flows to a nearby storm drain system thence to Rio Hondo Channel before finally reaching the Whittier Narrows. The groundwater will fully percolate into, and remain within, the groundwater basin from which it was extracted. The site location maps and a treatment schematic are shown in Figure 1 and Figure 2 respectively.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 1.7 million gallons per day of groundwater water will be discharged from the wells and the treatment plant to nearby storm drain located at Discharge Point M-001 (Latitude: 34° 04' 24", Longitude: 118° 02' 42"), which flows into Rio Hondo and Whittier Narrows recharge basin, a waters of United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table 1 below have been determined to show reasonable potential to exist in the discharge. Therefore, effluent limitations contained in Part V. A. Table 1 of the Order No. R4-2014-0141 as listed in Table 1 below are applicable to the discharge. The Discharger must comply with all other parts of the Order, including, but not limited, to narrative effluent and receiving water limitations.

Table 1. The Discharger is required to comply with these effluent limitations during its enrollment under Order No. CAG994006.

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Suspended Solids	mg/L	75	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	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

FREQUENCY OF DISCHARGE

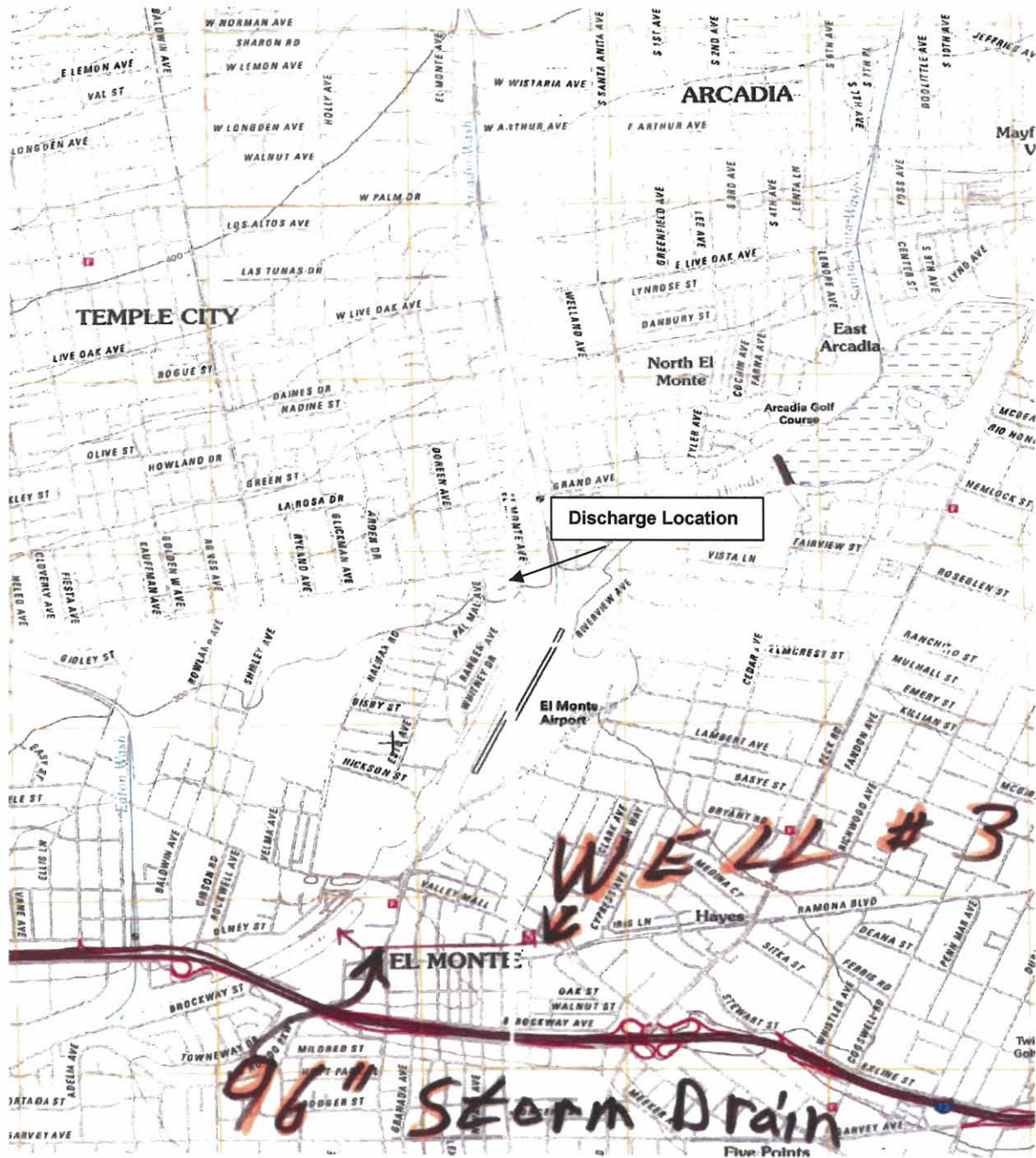
The groundwater discharge will be intermittent and will last for the duration of the project.

REUSE OF WATER

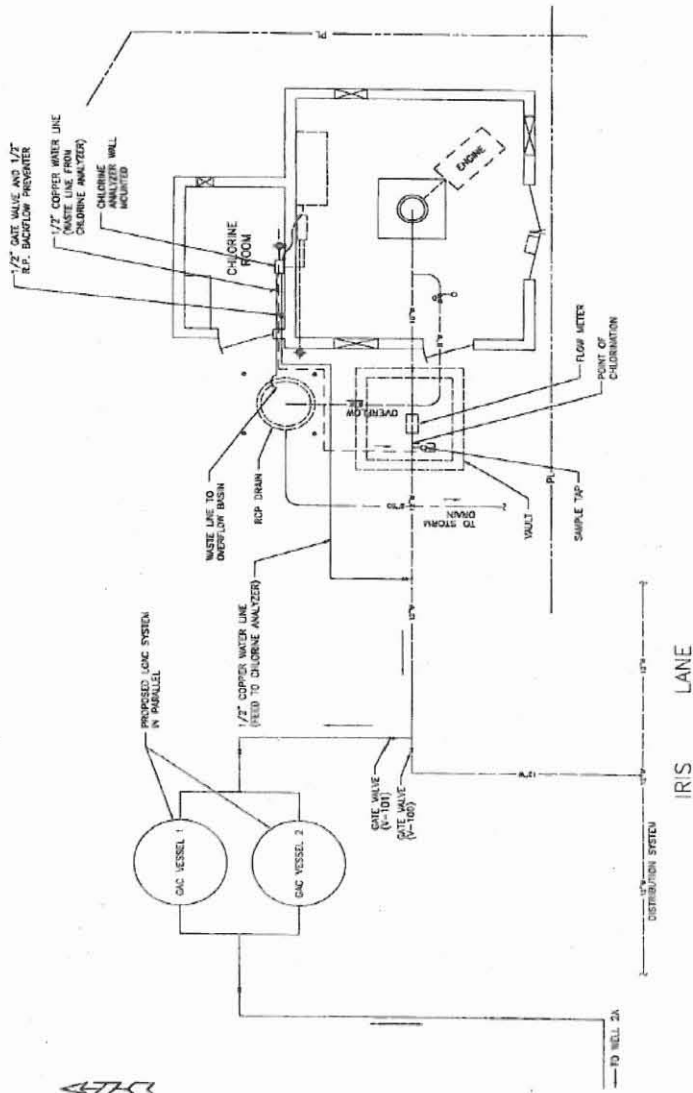
The Discharger submitted a feasibility study to the Regional Board analyzing the water conservation, reuse, and/or alternative disposal options for the discharge. Alternate discharge options study included containerization/disposal, discharge to sanitary sewer, reinjection, and re-use for irrigation and industrial use and are not feasible for these temporary discharges.

On Site Irrigation: In the vicinity of the project is paved and there are no landscaped areas that require irrigation using the groundwater discharge.

Since reuse of the discharge are not feasible, the Discharger discharges the groundwater to a nearby storm drain that discharges to the Rio Hondo River and Whittier Narrows recharge basin in compliance with the requirements of the attached Order No. R4-2014-0141.



Site Location
Figure 1



CITY OF EL MONTE
 WELL No. 3 SITE PLAN
 SHEET 2 OF 3

CIVILTEC
 CIVIL ENGINEERING INC.
 115 West Lake Street
 El Monte, CA 91734
 (909) 255-1100
 LICENSE NO. C-414 (SINCE 1/20/04)

WELL No. 3 SITE PLAN
 SHEET 2 OF 3

Flow Schematic
 Figure 2



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
MONITORING AND REPORTING PROGRAM NO. CI-10127
FOR
DISCHARGES OF GROUNDWATER FROM SAN GABRIEL VALLEY GROUNDWATER BASIN
TO SURFACE WATERS
IN
UPPER SAN GABRIEL RIVER AND RIO HONDO WATERSHED-LOS ANGELES COUNTY
(GENERAL NPDES PERMIT NO. CAG994006, SERIES NO.004)**

This Order was adopted by the Regional Water Board on:	July 10, 2014
Enrollment to this Order shall become effective on:	February 5, 2015
This Order shall expire on:	August 30, 2019
The U.S. Environmental Protection Agency and the Regional Water Quality Control Board have classified discharges covered under this General Permit as a minor discharge.	

Ordered by: Samuel Unger
Samuel Unger, P.E.
Executive Officer

Date: February 5, 2015

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Monitoring and Reporting Program (MRP)

40 CFR section 122.48 requires that all NPDES permits specify monitoring and reporting requirements. Sections 13267 and 13383 of the CWC also authorize the 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(s) M-001 and shall be located where representative samples of that effluent can be obtained.
- B. 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.
- C. Pollutants shall be analyzed using the analytical methods described in 40 CFR section Sections 136.3, 136.4, and 136.5 (revised March 12, 2007); or, where no methods are specified for a given pollutant, by methods approved by this Regional Water Board or the State Water Board.
- D. 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.
- E. Laboratories analyzing effluent samples and receiving water samples shall be certified by the California Department of Public Health Environmental Laboratory Approval Program (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.
- F. 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".
- G. The monitoring reports shall specify the analytical method, the Method Detection Limit (MDL), and the State Water 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. "Detected, but Not Quantified (DNQ)" if results are greater than or equal to the laboratory's MDL but less than the ML; or
 - 3. "Not Detected (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, which are listed in Appendix A, 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.

- H. 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 Appendix A to be included in the Discharger's permit in any of the following situations:

1. When the pollutant under consideration is not included in Appendix A;
 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 Appendix A;
 4. When the Discharger demonstrates that the calibration standard matrix is sufficiently different from that used to establish the ML in Appendix A, 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.
- I. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR section 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.
- J. 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.

- K. 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.
 - L. The Discharger shall have, and implement, an acceptable written quality assurance (QA) plan for laboratory analyses. The annual monitoring report required in Section X.b.3. of this MRP 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.
 - M. 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%.
 - N. 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.
 - O. 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.
- P. Each monitoring report shall state whether or not there was any change in the discharge as described in the Order during the reporting period.
 - Q. 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).

- R. Each monitoring report shall contain a separate section titled "Summary of Non-compliance" which discusses the compliance record and corrective action 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.
- S. 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. R4-2014-0141.
- T. In the 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.
- U. If monitoring results indicate an exceedance of a limit contained in Order R4-2014-0141, 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.
- V. 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. Annual 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 Water 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 Points Information

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
Discharge Point 1	M-001	Compliance monitoring locations for wells and treatment plants discharges
Discharge Point 2	M-002	If more than one discharge point is authorized under the General Permit, compliance monitoring locations shall be named M-002, M-003, etc. and shall be located so as to allow collection of treated effluent after treatment and before contact with receiving water and/or dilution by any other water or waste.

III. INFLUENT MONITORING REQUIREMENTS (NOT APPLICABLE)

IV. EFFLUENT MONITORING REQUIREMENTS

- a. The Discharger shall monitor the effluent at Discharge Points M-001 as specified in the following table. Representative effluent samples shall be collected after all treatment process (if any) while discharging and before contact or mixing with receiving water or other waters and/or dilution with any other water or waste.

Table 2. Monitoring Requirements

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
Flow	gal/day	Totalizer	continuously	---
pH	pH units	Grab	monthly	1
Temperature	°F	Grab	monthly	1
Total Suspended Solids	mg/L	Grab	monthly	1
Turbidity	NTU	Grab	monthly	1
BOD ₅ 20°C	mg/L	Grab	monthly	1
Oil and Grease	mg/L	Grab	monthly	1
Settleable Solids	ml/L	Grab	monthly	1
Sulfides	mg/L	Grab	monthly	1
Residual Chlorine	mg/L	Grab	monthly	1
Methylene Blue Active Substances (MBA)	mg/L	Grab	monthly	1
Arsenic	µg/L	Grab	annually ²	1
Copper	µg/L	Grab	annually ²	1
Lead	µg/L	Grab	annually ²	1
Total Chromium	µg/L	Grab	annually ²	1
Hexavalent Chromium	µg/L	Grab	annually ²	1
Selenium	µg/L	Grab	annually ²	1
Iron	µg/L	Grab	annually ²	1
Manganese	µg/L	Grab	annually ²	1
1,1-Dichloroethane	µg/L	Grab	annually ²	1

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method
1,1-Dichloroethylene	µg/L	Grab	annually ²	1
1,1,1,-Trichloroethane	µg/L	Grab	annually ²	1
1,1,2-Trichloroethane	µg/L	Grab	annually ²	1
1,1,2,2-Tetrachloroethane	µg/L	Grab	annually ²	1
1,2-Dichloroethane	µg/L	Grab	annually ²	1
1,2-Trans-Dichloroethylene	µg/L	Grab	annually ²	1
Tetrachloroethylene	µg/L	Grab	annually ²	1
Trichloroethylene	µg/L	Grab	annually ²	1
Carbon Tetrachloride	µg/L	Grab	annually ²	1
Vinyl Chloride	µg/L	Grab	annually ²	1
Total Trihalomethanes	µg/L	Grab	annually ²	1
Benzene	µg/L	Grab	annually ²	1
MTBE	µg/L	Grab	annually ²	1
Perchlorate	µg/L	Grab	annually ²	1
1,4-Dioxane	µg/L	Grab	annually ²	1
Cis-1,2-Dichloroethylene	µg/L	Grab	annually ²	1
1,2,3-TCP	µg/L	Grab	annually ²	1

Notes: 1: 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 (and included as Appendix A of this Order), where no methods are specified for a given pollutant, by methods approved by this Regional Water Board or the State Water Board.

: Once at the beginning of project discharge and annually thereafter.

A. Filed Observation, Monitoring and Reporting Requirements

Discharger may deploy a certified Biologist or a qualified person at groundwater recharge site to assess any possible impacts to receiving waters due to discharge activities. Observation may include but not limited to the following.

1. Groundwater recharge infiltration rate at the rubber dam sites.
2. Possible water pooling at the recharge site.
3. Possible groundwater discharge bypassing discharges to lower reaches of the San Gabriel River.

Field observation report shall be submitted quarterly to the Regional Board along with the quarterly monitoring report.

- V. LAND DISCHARGE MONITORING REQUIREMENTS (NOT APPLICABLE)**
- VI. RECLAMATION MONITORING REQUIREMENTS (NOT APPLICABLE)**
- VII. RECEIVING WATER MONITORING REQUIREMENTS – SURFACE WATER AND GROUNDWATER**
- VIII. OTHER MONITORING REQUIREMENTS (NOT APPLICABLE)**
- IX. 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 still be submitted and state that there was no discharge.
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

1. At any time during the term of this General 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 email electronic copy of SMRs to losangeles@waterboards.ca.gov. The CIWQS Web site will provide additional directions for SMR submittal in the event there will be service interruption for electronic submittal.

2. Paperless Submittal of SMRs: SMRs must be submitted to the Regional Water Board, signed and certified as required by the Standard Provisions (Attachment D). The Regional Water Board is implementing a paperless office system to reduce paper use, increase efficiency and provide a more effective way for our staff, the public and interested parties to view water quality documents. Therefore, please convert all regulatory documents, submissions, data and correspondence that you would normally submit to us as hard copies to a searchable Portable Document Format (PDF). Documents that are less than 10 MB should be emailed to losangeles@waterboards.ca.gov. Documents that are 10 MB or larger should be transferred to a disk and mailed to the address listed below.

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

If you need additional information regarding electronic submittal of documents please visit and navigate the Paperless Office pages in the Regional Water Board's website at <http://www.waterboards.ca.gov/losangeles/resources/Paperless/>.

3. 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.
4. 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
Continuously	February 5, 2015	Continuously	Submit with quarterly SMR
Daily	XXX xx, 20xx	(Midnight through 11:59 PM) or any 24-hour period that reasonably represents a calendar day for purposes of sampling.	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
Annually	January 1 following (or on) November 1, 2014	January 1 through December 31	45 days from the end of the monitoring period

5. 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.
6. The Discharger shall submit SMRs in accordance with the following requirements:
- a. Data Summary Tables: 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. Cover letter and Summary of Non-Compliance: 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. Discharge Monitoring Reports (DMRs) (Not Applicable)

D. Other Reports (Not Applicable)

E. Notification

The Discharger shall notify the Regional Water Board via telephone and/or fax within 24 hours of noticing an exceedance above the effluent limits in Order No. R4-2014-0141. The Discharger shall provide to the Regional Water 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.

X. MONITORING FREQUENCIES ADJUSTMENT

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 statistical trends of monitoring data submitted.