California Regional Water Quality Control Board

Los Angeles Region

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Governor

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

October 15, 2009

Mr. Gary Dicorpo
Director of Public Services
City of Norwalk
12700 Norwalk Boulevard
Norwalk, CA 90651

Certified Mail
Return Receipt Requested
Claim No. 7002 2030 0002 1672 8943

REVISED COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS—CITY OF NORWALK, WELLS NO. 4, 5, AND 10, VARIOUS LOCATIONS, NORWALK, CALIFORNIA (NPDES NO. CAG994005, CI—7188)

Dear Mr. Dicorpo:

Discharge of groundwater from the above-referenced project is currently regulated under NPDES General Permit No. CAG994005 (Order No. R4-2003-0108), adopted by this Board on August 7, 2003. On March 3, 2004, City of Norwalk was enrolled under this general NPDES permit. In your September 17, 2009 letter, City of Norwalk requested a revision of the NPDES permit its enrollment under the General permit to include one additional potable water supply, Well No. 10, and to remove Well No. 8 that ceased operation in 1999. Staff has reviewed your request and concurs with your proposed revisions.

Enclosed are the Revised Fact Sheet and Revised Monitoring Reporting Program (MRP) No. CI-7188. 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-7188 and NPDES No. CAG994005", 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 groundwater discharge from your facilities flow into San Gabriel River (between Firestone Boulevard San Gabriel River Estuary). Therefore, the discharge limitations in Attachment B of Order No. R4-2003-0108 are not applicable to your discharge. Prior to starting discharge, a representative sample of the effluent must be obtained and analyzed to determine compliance with the discharge limitations.

The Revised 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-7188 and NPDES No. CAG994005", 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.

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. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay full annual fee if your request for termination is made after the beginning of new fiscal year beginning July 1.

We are sending a copy of Order No. R4-2003-0108 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 website address at *http:/www.waterboards.ca.gov/rwqcblosangeles/html/permits/general permits.html.*

If you have any questions, please contact Vilma Correa at (213) 576-6794.

Sincerely,

Tracy J. Egoscue
Executive Officer

Enclosures:

General NPDES No. CAG994005, Order No. R4-2003-0108
Revised Fact Sheet
Revised Monitoring and Reporting Program No. CI-7188

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
Stephanie Trotter, State Water Resources Control Board, NPDES Unit
California Department of Fish and Game, Marine Resources, Region 5
Gary H. Yamamoto, California Department of Public Health,
Division of Drinking Water and Environmental Management
Los Angeles County, Department of Public Works, Environmental Program Division
Los Angeles County, Department of Public Works, Flood Control Division
Los Angeles County, Department of Health Services
Grissel Chavez, City of Norwalk, Public Services
Jae Kim, Tetratech

/vbc

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 West 4th Street, Suite 200, Los Angeles, California 90013

REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR

CITY OF NORWALK
(WELLS NO. 4, 5, & 10)

(ORDER NO. R4-2003-0108, SERIES NO. 063)
NPDES NO. CAG994005
CI-7188

FACILITY ADDRESS
Various locations within
the City of Norwalk, see table below

FACILITY MAILING ADDRESS
12700 Norwalk Boulevard
Norwalk, Ca 90651

PROJECT DESCRIPTION:

The City of Norwalk operates three potable water supply wells located within its city boundary. The discharges covered by this permit include groundwater from potable water supply wells generated during well purging for data collection purposes, groundwater extracted from major well-rehabilitation and redevelopment activities, and groundwater generated from well drilling, construction and development.

In your September 17, 2009 letter, City of Norwalk requested a revision of its NPDES permit enrollment under the General permit to include one additional potable water supply, Well No. 10, and to remove Well No. 8 that ceased operation in 1999. Staff has reviewed your request and concurs with your proposed revisions.

The City of Norwalk operates the following potable water supply wells:

Well Number	Location	Latitude	Longitude	Receiving Waterbody
4	11314 Leffingwell Road	33° 54' 30"	118° 5' 28"	San Gabriel River
5	11477 Taddy Street	33° 54' 19"	118° 5' 14"	San Gabriel River
10	12309 Sproul Street	33° 54' 32"	118° 04' 10"	San Gabriel River

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 240,000 gallons per day of groundwater will be discharged (per well) during well development and subsequent pump and aquifer tests. The discharge flows into the storm water catch basins located near the facilities. Discharge from the storm water catch basin flows into San Gabriel River, a water of the United States. The site location map is shown in Figure 1.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data showed reasonable potential for toxics to exist in groundwater above the *Screening Levels for Potential Pollutants of Concern in Potable Groundwater in Attachment A*. Therefore, the effluent limits for toxic compounds in Section E.1. and E.2. are applicable to your discharge. The discharge flows into San Gabriel River (between Firestone Boulevard and San Gabriel River Estuary) that has a designated beneficial use of MUN (Potential). The effluent limitations in Attachment B are not 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
Settleable Solids	ml/L	0.3	0.1
Residual Chlorine	mg/L	0.1	---
Copper (Cu)	µg/L	1000	
Lead (Pb)	µg/L	50	
Total Chromium	µg/L	50	
1,1 Dichloroethane	µg/L	5	
1,1 Dichloroethylene	µg/L	6	
1,1,1 Trichloroethane	µg/L	200	
1,1,2 Trichloroethane	µg/L	5	
1,1,2,2 Tetrachloroethane	µg/L	1	
1,2 Dichloroethane	µg/L	0.5	
1,2-Trans Dichloroethylene	µg/L	10	
Tetrachloroethylene	µg/L	5	
Trichloroethylene	µg/L	5	
Carbon Tetrachloride	µg/L	0.5	
Vinyl Chloride	µg/L	0.5	
Total Trihalomethanes	µg/L	80	
Benzene	µg/L	1	
Methyl tertiary butyl ether (MTBE)	µg/L	5	

FREQUENCY OF DISCHARGE:

The discharge of groundwater will be intermittent and as needed.

REUSE OF WATER:

Offsite disposal of waste is not feasible due to high cost of disposal. Discharge to the sewer is not feasible because of inaccessibility and the high cost of sewer connection. The properties and the immediate vicinities have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain at the various locations in compliance with the attached Order.

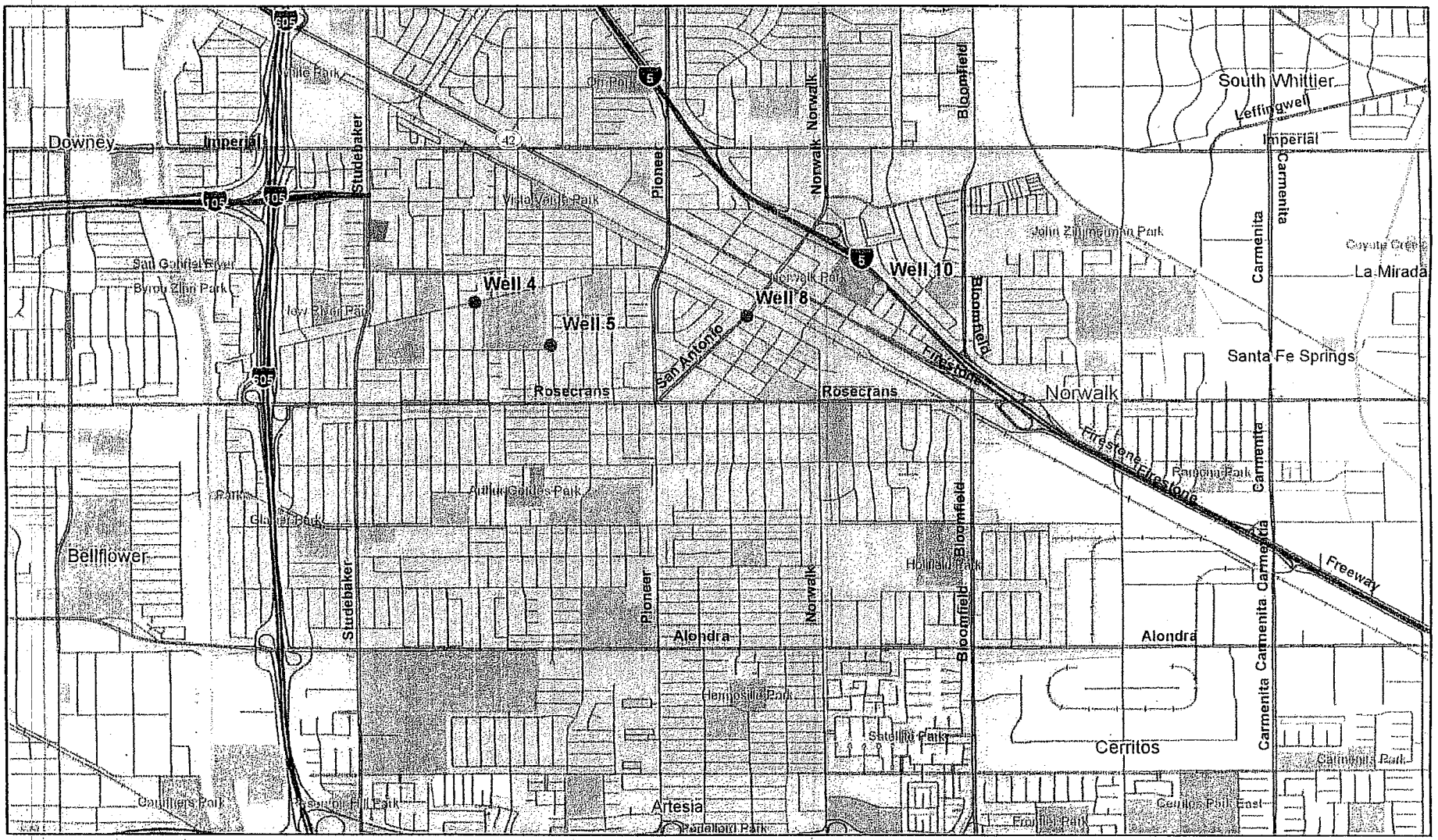

FIGURE 1

CITY OF NORWALK
(WELLS NO. 4, 5, & 10)

CI-7188

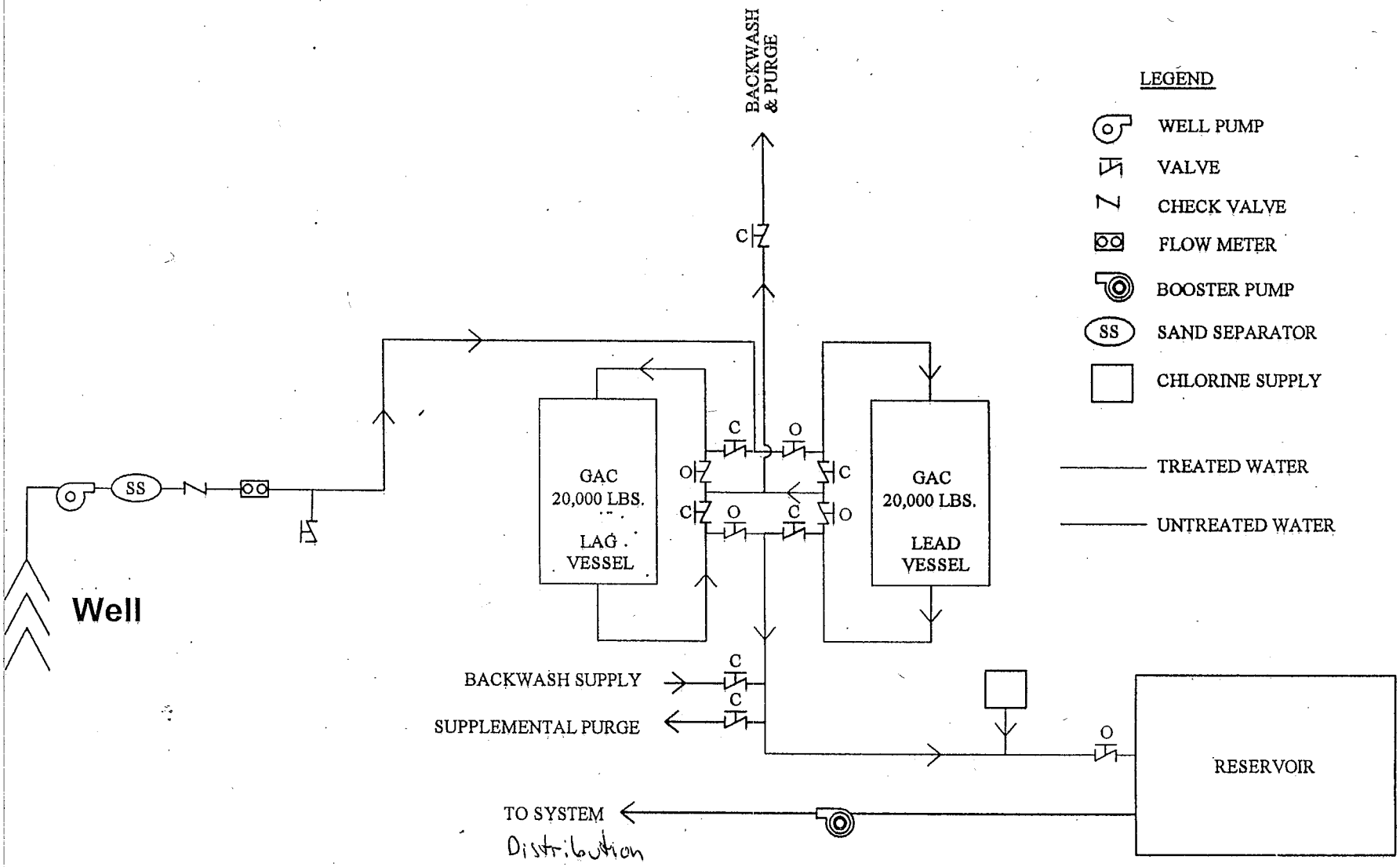

FIGURE 2

CITY OF NORWALK
(WELLS NO. 4, 5, & 10)

CI-7188

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

REVISED MONITORING AND REPORTING PROGRAM NO. CI-7188
FOR

CITY OF NORWALK
(WELLS NO. 4, 5, AND 10)

(ORDER NO. R4-2003-0108, SERIES NO.063)
(NPDES NO. CAG994005)

I. REPORTING REQUIREMENTS

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

Reporting Period	Report Due
January - March	May 15
April - June	August 15
July - September	November 15
October - December	February 15

B. The first monitoring report under this Program is due by February 15, 2010. If there is no discharge during any reporting period, the report shall so state.

C. 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).

D. 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.

E. Before commencing a new discharge, a representative sample of the effluent shall be collected and analyzed for all the constituents listed in the Fact Sheet and the test results must meet all applicable limitations of Order No. R4-2003-0108. [This requirement does not apply to existing discharges.]

October 15, 2009

II. SAMPLE COLLECTION REQUIREMENTS (AS APPROPRIATE)

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 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.

B. If monitoring results indicate an exceedance of a limit contained in Order R4-2003-0108, 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 an 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,
3. Semi-annually monitoring shall be increased to quarterly, and
4. 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 Board.

D. The following shall constitute the discharge monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Flow	gal/day	totalizer	continuously[1]
pH	pH units	grab	once per discharge event[2]
Temperature	°F	grab	once per discharge event[2]
Total Suspended Solids	mg/L	grab	once per discharge event[2]
Turbidity	NTU	grab	once per discharge event[2]
$BOD_5$20°C	mg/L	grab	once per discharge event[2]
Oil and Grease	mg/L	grab	once per discharge event[2]
Settleable Solids	ml/L	grab	once per discharge event[2]
Residual Chlorine	mg/L	grab	once per discharge event[2]
Copper (Cu)	µg/L	grab	once per discharge event[2]
Lead (Pb)	µg/L	grab	once per discharge event[2]
Total Chromium	µg/L	grab	once per discharge event[2]
1,1 Dichloroethane	µg/L	grab	once per discharge event[2]
1,1 Dichloroethylene	µg/L	grab	once per discharge event[2]
1,1,1 Trichloroethane	µg/L	grab	once per discharge event[2]
1,1,2 Trichloroethane	µg/L	grab	once per discharge event[2]
1,1,2,2 Tetrachloroethane	µg/L	grab	once per discharge event[2]
1,2 Dichloroethane	µg/L	grab	once per discharge event[2]
1,2-Trans Dichloroethylene	µg/L	grab	once per discharge event[2]
Tetrachloroethylene	µg/L	grab	once per discharge event[2]
Trichloroethylene	µg/L	grab	once per discharge event[2]
Carbon Tetrachloride	µg/L	grab	once per discharge event[2]
Vinyl Chloride	µg/L	grab	once per discharge event[2]
Total Trihalomethanes	µg/L	grab	once per discharge event[2]
Benzene	µg/L	grab	once per discharge event[2]
Methyl tertiary butyl ether (MTBE)	µg/L	grab	once per discharge event[2]
Acute Toxicity	% survival	grab	annually

IV. EFFLUENT TOXICITY TESTING

A. The discharger shall conduct acute toxicity testing tests on 100% of the effluent grab samples by methods specified in 40 CFR Part 136 which

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

[2] If discharge is continous for more than one month, the minimum frequency of analysis becomes monthly.

cites USEPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms*, October 2002, (EPA/821-R-02-012) or a more recent edition. Submission of bioassay results should include the information noted on pages 109-113 of the EPA/821-R-02-012 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 Marine and Estuarine Organisms*, Third Edition, October 2002, (EPA/821-R-02-014).

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 Public Health 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 certification and/or renewal is obtained from ELAP.

C. 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.

D. As required in part H.4. of Order No. R4-2003-0108, the monitoring report shall specify the USEPA analytical method used, the Method Detection Limit and the Minimum Level for each pollutant.

VI. COMPLIANCE DETERMINATION (AS APPLICABLE)

A. Compliance with single constituent effluent limitation – If the concentration of the pollutant in the monitoring sample is greater than the effluent limitation and greater than or equal to the reported Minimum Level (see Monitoring and Reporting Requirements Section H.4. of Order R4-2003-0108), then the Discharger is out of compliance.

B. Compliance with monthly average limitations - In determining compliance with monthly average limitations, the following provisions shall apply to all constituents:

a. If the analytical result of a single sample, monitored monthly, quarterly, semiannually, or annually, does not exceed the monthly average limit for that constituent, the Discharger has demonstrated compliance with the monthly average limit for that month.

b. If the analytical result of a single sample, monitored monthly, quarterly, semiannually, or annually, exceeds the monthly average limit for any constituent, the Discharger shall collect four additional samples at approximately equal intervals during the month. 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.

When all sample results are greater than or equal to the reported Minimum Level (see Monitoring and Reporting Requirements Section H.4. of Order R4-2003-0108), the numerical average of the analytical results of these five samples will be used for compliance determination.

When one or more sample results are reported as "Not-Detected (ND)" or "Detected, but Not Quantified (DNQ)" (see Monitoring and Reporting Requirements Section H.4. of Order R4-2003-0108), the median value of these four samples shall be used for compliance determination. If one or both of the middle values is ND or DNQ, the median shall be the lower of the two middle values.

c. 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.

d. If only one sample was obtained for the month or more than a monthly period and the result exceed the monthly average, then the Discharger is in violation of the monthly average limit.

C. Compliance with effluent limitations expressed as a sum of several constituents – If the sum of the individual pollutant concentrations is greater than the effluent limitation, then the Discharger is out of compliance. In calculating the sum of the concentrations of a group of pollutants, consider constituents reported as ND or DNQ to have concentrations equal to zero, provided that the applicable ML is used.

D. Compliance with effluent limitations expressed as a median – in determining compliance with a median limitation, the analytical results in a set of data will be arranged in order of magnitude (either increasing or decreasing order); and

a. If the number of measurements (n) is odd, then the median will be calculated as = $X_{(n+1)/2}$, or

b. If the number of measurements (n) is even, then the median will be calculated as = $[X_{n/2} + X_{(n/2)+1}]/2$, i.e. the midpoint between the n/2 and n/2+1 data points.

E. In calculating mass emission rates from the monthly average concentrations, use one half of the method detection limit for "Not Detected" (ND) and the estimated concentration for "Detected, but Not Quantified" (DNQ) for the calculation of the monthly average concentration. To be consistent with section VI.C., if all pollutants belonging to the same group are reported as ND or DNQ, the sum of the individual pollutant concentrations should be considered as zero for the calculation of the monthly average concentration.

VII. NOTIFICATION

A. 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.

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. R4-2003-0108. 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.

VIII. 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 justified by statistical trends of monitoring data submitted. However, monitoring frequency may also increase based on site-specific conditions.

Ordered by: _____
Tracy J. Egoscue
Executive Officer

Date: October 15, 2009

/vbc