# California Regional Water Quality Control Board

## Los Angeles Region

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



**Alan C. Lloyd, Ph.D.**
*Agency Secretary*

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**Arnold Schwarzenegger**
*Governor*


4A5676000028

August 30, 2005

Mr. Jim Corella
Water Regulatory Coordinator
City of Oxnard Water Division
251 S. Hayes Street
Oxnard, CA 93030

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7002 0860 0001 0651 1739

Dear Mr. Corella:

**REVISED GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT (NPDES) AND WASTE DISCHARGE REQUIREMENTS – CITY OF OXNARD, WELL NOS. 20, 22, 23, 32, 33, & 34, HAYES AVENUE BLENDING STATION, 250 E. 3rd STREET, OXNARD, CALIFORNIA (NPDES NO. CAG994005, CI-8802)**

In our letter dated September 15, 2004, we authorized the discharge of potable well development wastewater from the above-referenced facility under General Permit NPDES No. CAG994005, Order No. R4-2003-0108; *Waste Discharge Requirements for Discharges of Groundwater From Potable Water Supply Wells to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on August 7, 2003. This facility is a blending and pumping station for numerous wells located on the premises.

We have received and reviewed your July 29, 2005, submittal requesting this Board to include the discharge of groundwater from redevelopment and/or startup of pumping from existing water Well Nos. 20, 22, and 23 at the subject facility under your coverage for the above referenced general permit. We have no objection to including the proposed discharges from these wells under the general permit.

The discharge limitations in Part E.1. Order No. R4-2003-0108 for the specific constituents listed on the Table with the enclosed Fact Sheet are applicable to your discharge. Discharge from the project drains to Miscellaneous Ventura Coastal Streams which flow to the Pacific Ocean; 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.

Enclosed is the Monitoring and Reporting Program (MRP) No. CI-8802. 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-8802 and NPDES No. CAG994005", 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.

We are sending a copy of Order No. R4-2003-0111 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/html/permits/general_permits.html.

If you have any questions, please contact Dr. James Tang at (213) 576-6696.

Sincerely,

Jonathan S. Bishop
Executive Officer

Enclosures: Fact Sheet
Revised Monitoring and Reporting Program No. 8802
Order No. R4-2003-0108

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 Fish and Game, Region 5
Ventura County, Department of Environmental Health
Ventura County, Department of Public Works, Flood Control District
City of Oxnard, Department of Public Works
Lee Solomon, Tetra Tech

/jt

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

# REVISED FACT SHEET
# WASTE DISCHARGE REQUIREMENTS
# FOR
# CITY OF OXNARD
# (Well Nos. 20, 22, 23, 32, 33, & 34)
# NPDES NO. CAG994005
# CI-8802

**FACILITY LOCATION**
250 E. 3rd Street
Oxnard, CA 93030

**FACILITY MAILING ADDRESS**
251 S. Hayes Street
Oxnard, CA 93030

## PROJECT DESCRIPTION

The City of Oxnard (the City) operates the Hayes Avenue Blending and Pump Station located at 250 E. 3rd Street, Oxnard, California. General NPDES Permit No. 994005 (Order No. R4-2003-0108) was issued to the City on September 15, 2004, for the discharge of well development water for Well Nos. 32, 33, & 34. This Fact Sheet is being revised to include coverage under the general NPDES permit for discharge of groundwater from redevelopment and startup of pumping from existing Well Nos. 20, 22, & 23. The startup discharge lasts for about five minutes and will be conducted approximately once a month for the aforementioned wells.

## VOLUME AND DESCRIPTION OF DISCHARGE

Up to 5,000 gallons per day of groundwater will be discharged to the storm drain located at (Latitude 34°12'00", Longitude 119°10'32"), thence to miscellaneous coastal streams which flow to the Pacific Ocean, a water of the United States. The site location is shown as Figure 1.

## APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data did not show 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.2. are not applicable to the discharge. The discharge flows to miscellaneous coastal streams of the Pacific Ocean. Therefore, the discharge limitations in Attachment B are not applicable to the discharge.

August 30, 2005

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

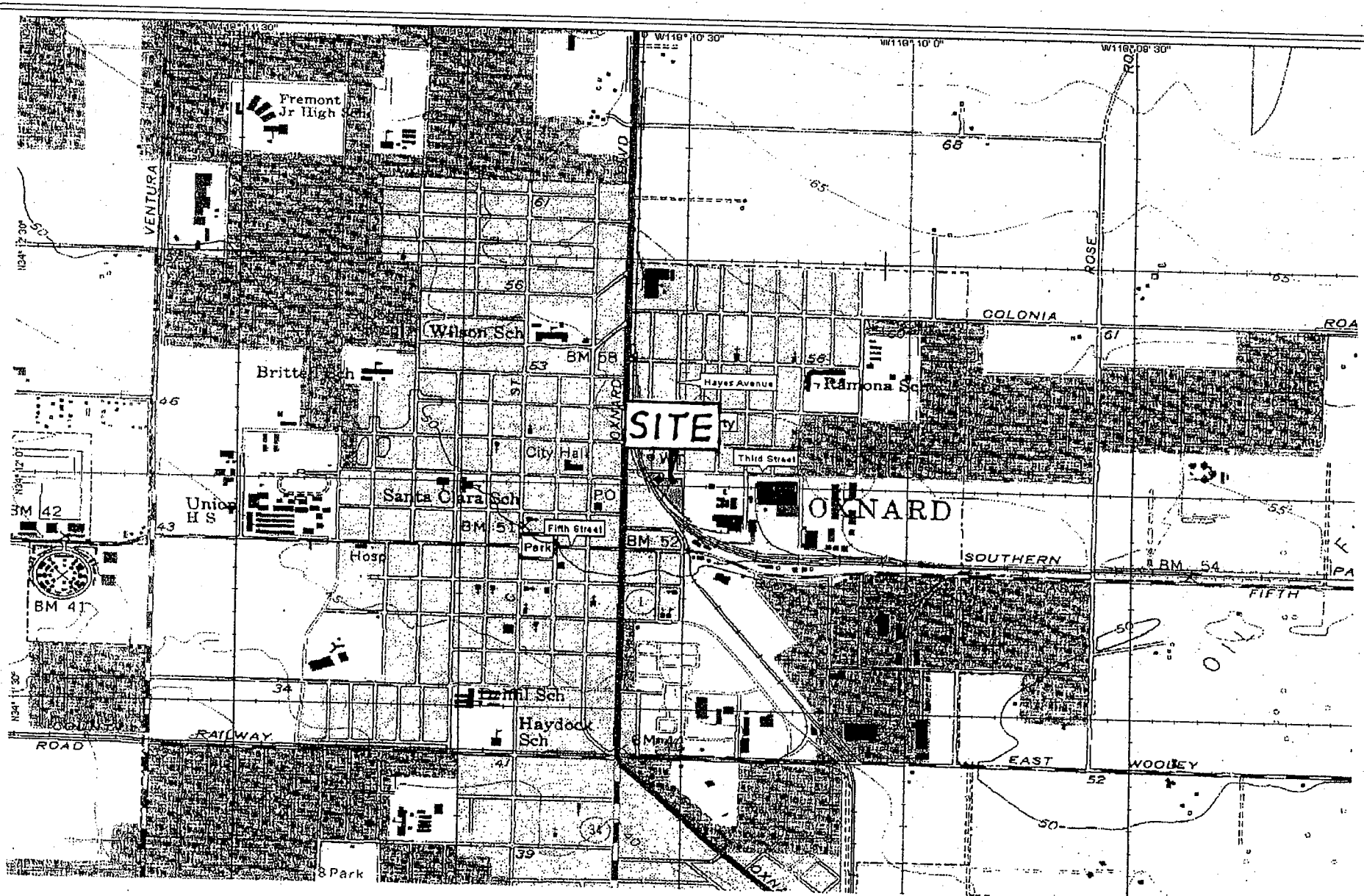
| Constituents | Units | Discharge Limitations | |
|---|---|---|---|
| | | Daily Maximum | Monthly Average |
| Total Suspended Solids | mg/L | 150 | 50 |
| Turbidity | NTU | 150 | 50 |
| $BOD_5$ 20°C | mg/L | 30 | 20 |
| Settleable Solids | ml/L | 0.3 | 0.1 |
| Residual Chlorine | mg/L | 0.1 | --- |

## FREQUENCY OF DISCHARGE

The intermittent discharge is expected to occur once every month.

## REUSE OF WATER

It is not feasible to discharge the water to the sanitary sewer system. There are no available facilities that can directly reuse the temporarily-generated wastewater. Therefore, the groundwater will be discharged to the storm drain.




Kennedy/Jenks Consultants

City of Oxnard
South Property Wells Permit Application

**Vicinity Map**

August 2004
K/J 0489032

**Figure 1**

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

# MONITORING AND REPORTING PROGRAM NO. CI-8802
**for**
**CITY OF OXNARD**
**(Well Nos. 20,22, 23, 32, 33, & 34)**
**NPDES NO. CAG994005**

## 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:

| 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 November 15, 2005. If there is no discharge during any reporting period, the report shall so state.

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. 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.

E. 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 the Fact Sheet and the test results must meet all applicable limitations of Order No. R4-2003-0108.

## 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 station(s) shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. Provisions shall be made to enable visual inspection 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 No. 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, 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 regular monitoring frequency, with the approval of the Executive Officer of the Regional Board.

D. The following shall constitute the discharge monitoring program:

| Constituent | Unit | Type of Sample | Minimum Frequency of Analysis |
|---|---|---|---|
| Total Waste Flow | gal/day | recorder | once per discharge event[1] |
| pH | pH unit | grab | once per discharge event[2,3] |
| Temperature | °F | grab | once per discharge event[2,3] |
| Turbidity | NTU | grab | once per discharge event[2,3] |
| Total Suspended Solids | mg/L | grab | once per discharge event[2,3] |
| $BOD_5$ @ 20°C | mg/L | grab | once per discharge event[2,3] |
| Settleable Solids | ml/L | grab | once per discharge event[2,3] |
| Residual chlorine | mg/L | grab | once per discharge event[2,3] |
| Acute Toxicity | µg/L | grab | annually[3] |

## IV. EFFLUENT TOXICITY TESTING

A. The discharger shall conduct acute toxicity 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 Waters 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).

1 Record the monthly total flow and report the calculated daily average flow and monthly flow in the quarterly reports.

2 If discharge is continuous for more than one month, then the minimum frequency of analysis becomes monthly.

3 It is not necessary to sample pump startup or well blow-off discharge lasting less than 10 minutes.

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 times 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 Requirement Section H.4 of Order No. 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 Requirement Section H.4 of Order No. 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 Requirement Section H.4 of Order No. 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 = $[X_{n/2} + X_{(n/2)+1}]$, 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

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 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. R4-2003-0108. 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 requests 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: _____ Date: August 30, 2005
Jonathan S. Bishop
Executive Officer

/jt