



California Regional Water Quality Control Board Los Angeles Region



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Arnold Schwarzenegger
Governor

November 9, 2007

CERTIFIED MAIL No. 7002 0860 0004 5295 7274
RETURN RECEIPT REQUESTED

Mr. Jim Passanisi, Water Superintendent
City of San Buenaventura
501 Poli Street
Ventura, CA 93002

Dear Mr. Passanisi:

REVISED COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND WASTE DISCHARGE REQUIREMENTS—WELLS 10, 11, 12, 13, NYE 1A, NYE 2, NYE 7, AND NYE 8 CONSTRUCTION AND MAINTENANCE, FOSTER PARKER AREA, CITY OF SAN BUENAVENTURA, CALIFORNIA (NPDES NO. CAG994005, CI-8279)

We have received and reviewed your request to add Well 13 to your well construction project at the above-referenced site and to incorporate Well 13 in your coverage under the General NPDES Permit. You have indicated that Well 13 is within 500 feet of the other wells and shares the same groundwater quality with the other wells at the project site.

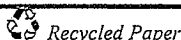
Based on the information provided, we have no objections to your request. The proposed discharge of groundwater meets the conditions to be regulated under Order No. R4-2003-0108, *General National Pollutant Discharge Elimination System and Waste Discharge Requirements for Discharges of Groundwater from Potable Water Supply Wells to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on August 7, 2003.

Enclosed are your Waste Discharge Requirements, which also serve as your general NPDES permit, consisting of Order No. R4-2003-0108 and Monitoring and Reporting Program No. CI-8279. The discharge limitations in Part E.1 of Order No. R4-2003-0108 are applicable to your discharge. Discharge from the subject sites drains to Ventura River; therefore, the discharge limitations in Attachment B.2.b. are applicable to your discharge. Prior to starting discharge, a representative sample of the effluent shall be obtained and analyzed to determine compliance with the discharge limitations.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under 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-8279 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

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, California 90013

REVISED FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF SAN BUENAVENTURA
(MUNICIPAL WATER SUPPLY WELLS)

NPDES NO. CAG994005
CI-8279

FACILITY ADDRESS

Foster Parker area
Ventura, California

FACILITY MAILING ADDRESS

501 Poli Street, P.O.Box 99
Ventura, CA 93002

PROJECT DESCRIPTION:

The City of Ventura (City) requests the Regional Board to revise its coverage under General NPDES Permit for the City's well project at Foster Parker area, which includes Well 10, 11, 12, NYE 1A, NYE 2, NYE 7, and NYE 8. With the newly proposed plan, the City now plans to construct four potable water wells designated as Well 10, 11, 12, and 13 in the Foster Parker area. The City needs to discharge wastewater during the well construction, during production testing after the construction, and during routine maintenance of the wells. In addition, the City needs to discharge wastewater from rehabilitation of four other potable water wells (Nye 1A, 2, 7, and 8) that are located in the adjacent sites at the Foster Parker area (see Figure 1).

VOLUME AND DESCRIPTION OF DISCHARGE:

Although the discharge from the 8 wells drains to the same receiving waterbody, they have individual discharge point as listed below:

Well ID	Longitude	Latitude
Well 10	119° 18' 37.0"	34° 21' 35.4"
Well 11	119° 18' 35.5"	34° 21' 31.3"
Well 12	119° 18' 35.4"	34° 21' 28.0"
Well 13	119° 18' 35.9"	34° 21' 23.5"
NYE 1A	119° 18' 36.1"	34° 21' 25.6"
NYE 2	119° 18' 39.5"	34° 21' 34.3"
NYE 7	119° 18' 45.5"	34° 21' 45.6"
NYE 8	119° 18' 44.2"	34° 21' 36.0"

Up to 0.96 million gallons per day wastewater will be discharged during an 8-hour period per day. The intermittent discharge will last about three days during the construction of each of the new well. Baker Tanks will be used to reduce the turbidity and settleable solids. Discharge rates and volumes needed for well maintenance will be the same as for new well testing and development. Treatment to adjust pH or/and reduce chlorine will be provided for discharge from maintenance activities.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided, the analytical data does not show reasonable potential for toxics to exist in groundwater above the screening levels for potential pollutants of concern in potable groundwater. Therefore, the effluent limits in Section E.2 are not applicable to the discharge. The discharge flows into Ventura River between Camino Cielo Road and Casitas Vista Road, therefore, discharge limitation in Attachment B.2.b. are applicable to the discharges.

This Table lists the specific constituents and effluent limitations applicable to your 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	
TDS	mg/L	800	
Sulfate	mg/L	300	
Chloride	mg/L	60	
Boron	mg/L	1.0	
Nitrogen	mg/L	5	

FREQUENCY OF DISCHARGE:

Groundwater discharge from the well will be intermittent.

REUSE OF WATER:

If the turbidity of the groundwater generated from the above-mentioned activities is less than 10 NTU, the water will be diverted to a water treatment plant as potable water source. Offsite disposal of treated wastewater is not feasible due to the high cost of disposal. Discharge to the sewer is not feasible because the local Public Owned Treatment Works refuses to accept the discharge. The property and the immediate vicinity have no landscaped areas that require irrigation. Since there are no feasible reuse options, the groundwater will be discharged to the surface waterbody.

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

REVISED MONITORING AND REPORTING PROGRAM NO. CI-8279
FOR
CITY OF SAN BUENAVENTURA
(MUNICIPAL WATER SUPPLY WELLS)
(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:

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

- B. The first monitoring report under this Program is due by February 15, 2008. The annual summary report shall contain a discussion of the previous year's effluent monitoring data, as well as graphical and tabular summaries of the data. 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 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. (Note: This requirement does not apply to existing discharges.)

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 result 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	Unit	Sample Type	Minimum Frequency of Analysis
Flow	gal/day	totalizer	Continuously*
pH	pH units	grab	once per discharge event**
Temperature	°F	grab	once per discharge event**
Total Suspended Solids	mg/L	grab	once per discharge event**
Turbidity	NTU	grab	once per discharge event**
BOD ₅ 20°C	mg/L	grab	once per discharge event**
Oil and Grease	mg/L	grab	once per discharge event**
Settleable Solids	ml/L	grab	once per discharge event**
Residual Chlorine	mg/L	grab	once per discharge event**
Perchlorate	µg/L	grab	annually
1, 4-Dioxane	µg/L	grab	annually
N-Nitrosodimethylamine (NDMA)	µg/L	grab	annually
Acute Toxicity	% survival	grab	annually

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

** If the discharge event for a well or site is continuous or intermittent for more than 30 days, the minimum frequency of analysis becomes monthly.

IV. EFFLUENT TOXICITY TESTING

A. The discharger shall conduct acute toxicity testing tests on 100% effluent grab samples by methods specified in 40 CFR Part 136 which cites USEPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Water to Freshwater and Marine Organisms*, 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

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.

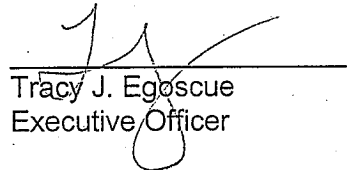
No discharge of such chemical shall be made prior to obtaining the Executive Officer's approval.

- 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:

November 9, 2007