

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 INGLEWOOD
(WELL NO. 1, 2, 4 & 6)**

**NPDES NO. CAG994005
CI-8560**

FACILITY ADDRESS

Various locations in City of Inglewood
Inglewood, California 90312

FACILITY MAILING ADDRESS

Public Works Department
City of Inglewood
One Manchester Blvd.
Inglewood, California 90312

PROJECT DESCRIPTION:

City of Inglewood (City) proposes to discharge groundwater during the well rehabilitation and/or development, and aquifer and pumping tests from City Well Nos. 1, 2, 4 & 6. The wells will also be discharging blow-off water during pump startup and/or well purging before sampling for Department of Health Services monitoring requirements. The pumped groundwater will be collected into sedimentation tanks to settle out sediments before being discharged into the storm drain.

On October 23, 2003, Regional Board issued a NPDES General Permit No. CAG994005 (Order No. R4-2003-0108) for discharge of groundwater generated from other potable water supply Well No. 6. This Fact Sheet is being revised to include discharges from Well Nos. 1, 2 & 4.

VOLUME AND DESCRIPTION OF DISCHARGE:

Approximately 4.0 million gallons per day of groundwater will be discharged during well development, rehabilitation, and subsequent pumping and aquifer tests. This high rate of discharge is necessary to determine the aquifer's productive capacity and to properly size the well pump. This high flow, short-term discharge will last up to two weeks. The following Table shows the description of discharge and outfall locations for the wells.

| Well # | Latitude | Longitude | Discharge Point |
|---------------|-----------------|------------------|------------------------|
| 1 | 33° 55' 26.64" | 118° 20' 7" | Dominguez Channel |
| 2 | 33° 56' 26.01" | 118° 19' 51" | Dominguez Channel |
| 4 | 33° 56' 34" | 118° 20' 12" | Dominguez Channel |
| 6 | 33° 56' 36" | 118° 20' 34" | Dominguez Channel |

The discharge from Well No. 6 flows into the storm water catch basin located along 102nd Street that drains into Dominguez Channel, and discharge from Well Nos. 1, 2 & 4 flows directly to Dominguez Channel, 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 Dominguez Channel 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.

REUSE OF WATER:

The reuse of pumped groundwater at the site was evaluated. The pumped groundwater cannot be reused for irrigation because there are no immediate areas that will need irrigation at the site. The disposal of water to a treatment facility is not feasible because it is not cost effective. Therefore, the pumped groundwater will be discharged into Dominguez Channel in compliance with the attached Order.