

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 CERRITOS
(Corporate Yard)
NPDES NO. CAG914001
CI-8522

FACILITY LOCATION

16540 Marquardt Avenue
Cerritos, CA 90703

FACILITY MAILING ADDRESS

18125 Bloomfield Avenue
Cerritos, CA 90703

PROJECT DESCRIPTION

City of Cerritos (The City) operates a groundwater treatment system at 16540 Marquardt Avenue, Cerritos (See Figure 1 for the site location). The primary contaminants in groundwater at the site are methyl tertiary butyl ether (MTBE) and 1,1-Dichloroethylene. The treatment system consists of two bag filters and three granulated activated carbon (GAC) vessels connected in series (See Figure 2 for treatment process). Currently, the treated groundwater from the site is discharged into a nearby storm drain under the General NPDES Permit No. CAG834001, Order No. R4-2002-0125.

On August 3, 2007, the City submitted a completed Notice of Intent (NOI) Form to continue enrollment under the general NPDES permit. Regional Board staff has reviewed the NOI submittals and determined that the discharge from the site is more appropriately regulated under NPDES Permit No. CAG914001, Order No. R4-2007-0022. The existing enrollment under NPDES Permit No. 834001, Order No. R4-2002-0125 will be terminated in a separate letter. Order No. R4-2007-0022 supersedes Order No. R4-2002-0125 and continues the facility's enrollment under the general NPDES permit.

VOLUME AND DESCRIPTION OF DISCHARGE

Approximately 28,800 gallons per day of treated groundwater is discharged from the site to Discharge Point 1 (Latitude 35°52'53", Longitude 118°02'09"). The discharge flows into Coyote Creek, a water of the United States.

APPLICABLE EFFLUENT LIMITATIONS

Based on the information provided in the NPDES Application Supplemental Requirements, the following constituents listed in the Table below have been determined to show reasonable potential to exist in the discharge. The receiving waterbody for the discharge, Coyote Creek, has designated beneficial use of MUN (Potential). The discharge limitations in Attachment B of Order No. R4-2007-0022 are not applicable to the discharge.

October 2, 2007

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
Oil and Grease	mg/L	15	10
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
1,1-Dichloroethylene	ug/L	0.057*	
Total Petroleum Hydrocarbons	ug/L	100	---
Benzene	ug/L	1.0	---
Toluene	ug/L	150	---
Xylenes	ug/L	1750	---
Ethylbenzene	ug/L	700	---
Methyl tertiary butyl ether (MTBE)	ug/L	5.0	5.0
Tertiary butyl alcohol (TBA)	ug/L	12	12

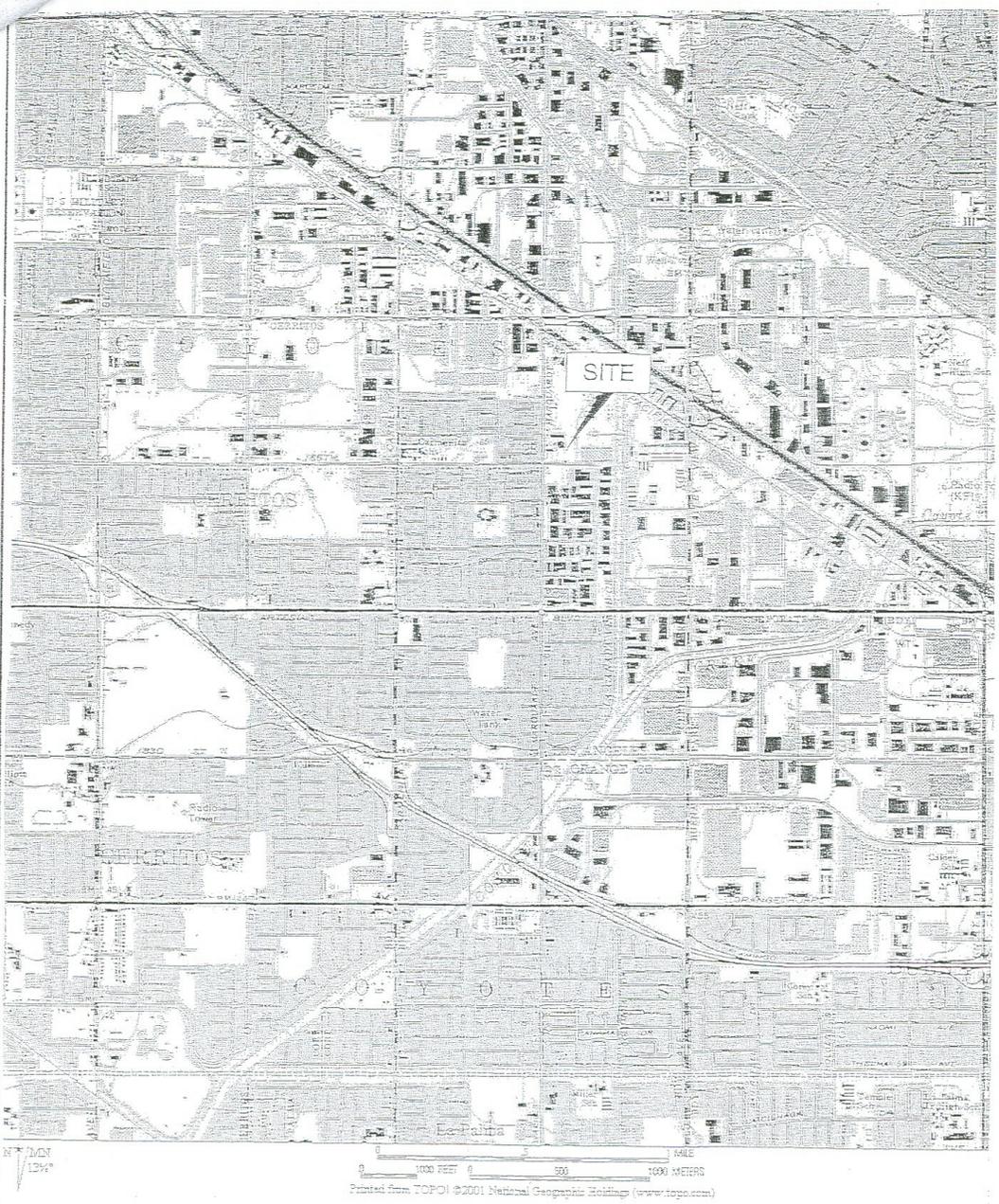
* If reported detection level is greater than effluent limit, then a non-detect result using 0.5 ug/L detection level is deemed to be in compliance.

FREQUENCY OF DISCHARGE

The treated groundwater discharge is intermittent and will last for the duration of the treatment system operation.

REUSE OF WATER

It is not economically feasible to haul all the wastewater to off-site disposal facility. It is not feasible to discharge the treated groundwater to the sanitary sewer system. The property and the immediate vicinity have no landscaped areas that require irrigation using the groundwater. There are no other feasible reuse options for the discharge. Therefore, the treated wastewater will be discharged to Coyote Creek in compliance with the requirements of the attached order.



<p>environ strategy consultants, inc. </p> <p>30 Hughes, Suite 209 Irvine, California 92618</p>	<p>FIGURE 1 SITE LOCATION MAP</p> <p>CITY OF CERRITOS CORPORATE YARD 16540 MARQUARDT AVE. CERRITOS, CALIFORNIA</p>		<p>DATE: 04/12/05</p>
			<p>PROJECT NO. 261-A</p>
			<p>FILE NO. 261aF1</p>

