

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

**FACT SHEET
WASTE DISCHARGE REQUIREMENTS
FOR**

HARSU GAS MART

**NPDES NO. CAG994004
CI-8888**

FACILITY ADDRESS

17903 E. Valley Boulevard
La Puente, California

FACILITY MAILING ADDRESS

4454 Jupiter Drive
Riverside, CA 92505

PROJECT DESCRIPTION:

Harsu Gas Mart proposes to discharge treated groundwater from a groundwater cleanup project located at 17903 E. Valley Boulevard, La Puente. Soil and groundwater beneath the site are impacted with petroleum fuel compounds. Prior to discharge, the extracted groundwater will be treated by an aboveground treatment system consisting of a bioreactor system and granular carbon canisters.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 22,000 gallons per day of treated groundwater will be discharged into a storm drain that flows into the San Jose Creek (Latitude: 34° 00' 27", Longitude: 117° 54' 45"), a water of the United States. The site location map and process flow diagram are shown in Figures 1 and 2, respectively.

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 discharge of treated groundwater flows into San Jose Creek, downstream of 71 Freeway, thence to the San Gabriel River between Valley Boulevard and Firestone Boulevard. The stream reach is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. The limitations specified in Attachment B.8.d. of the Order are applicable to this discharge.

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

May 3, 2005

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Total Dissolved Solids	mg/L	750	
Sulfate	mg/L	300	
Chloride	mg/L	180	
Boron	mg/L	1	
Nitrogen	mg/L	8	
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	
Methylene Blue Active Substances (MBAS)	mg/L	0.5	
Volatile Organic Compounds			
Benzene	µg/L	1	
Toluene	µg/L	150	
Ethylbenzene	µg/L	700	
Xylenes	µg/L	1750	
Ethylene Dibromide	µg/L	0.05	
Methyl Tertiary Butyl Ether (MTBE)	µg/L	5.0	
Miscellaneous			
Tertiary Butyl Alcohol (TBA)	µg/L	12	
Total Petroleum Hydrocarbons	µg/L	100	
Metals			
Arsenic	µg/L	50	
Selenium	µg/L	8	4

FREQUENCY OF DISCHARGE:

The discharge of treated groundwater will be continuous and will continue until the site cleanup has been completed.

REUSE OF WATER:

Harsu Gas Mart

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The reuse of pumped groundwater at the site was evaluated. The disposal of water to a treatment facility is not feasible because it is not cost effective. Therefore, the majority of the groundwater will be discharged into the storm drain.