

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
CALCLEAN, INC.
(UNION DEVELOPMENT CORPORATION)**

**NPDES NO. CAG994004
CI-8851**

FACILITY ADDRESS

10148 Rosecrans Avenue
Bellflower, California

FACILITY MAILING ADDRESS

3002 Dow Avenue, Suite 142
Tustin CA 92780

PROJECT DESCRIPTION:

Calclean, Inc. proposes to discharge treated groundwater from a groundwater cleanup project located at 10148 Rosecrans Avenue, Bellflower. 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 thermal oxidizer and granular activated carbon adsorbers.

VOLUME AND DESCRIPTION OF DISCHARGE:

Up to 25,000 gallons per day of treated groundwater will be discharged into a storm drain that flows into the San Gabriel River (Latitude: 33° 54' 07", Longitude: 118° 07' 03"), 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 the San Gabriel River between Firestone Boulevard and San Gabriel River Estuary, that is designated as MUN (Potential) beneficial use. Therefore, the discharge limitations under the "Other Waters" column apply to the discharge. Based on the effluent hardness value submitted, appropriate discharge limitations for hardness-dependent metals have been selected according to Section E.1.b. of the Order. The limitations specified in Attachment B of the Order are not applicable to this discharge.

January 24, 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
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	
Naphthalene	µg/L	21	
Miscellaneous			
Perchlorate	µg/L	4	
Total Petroleum Hydrocarbons	µg/L	100	
Metals			
Antimony	µg/L	6	
Copper	µg/L	20.8	10.4
Lead	µg/L	8.7	4.4

FREQUENCY OF DISCHARGE:

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

REUSE OF WATER:

Calclean, Inc.
Union Development Corporation

CAG994004
January 24, 2005

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.