

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.
NPDES NO. CAG834001
CI-9211**

FACILITY ADDRESS

661 E. Thousand Oaks Blvd.
Thousand Oaks, California 91360

FACILITY MAILING ADDRESS

3002 Dow Avenue, Suite 142
Tustin, CA 92780

PROJECT DESCRIPTION:

Calclean Inc. (the Discharger) and a consultant to Cal - U - Rent has completed a feasibility study for cleanup of petroleum fuel impacted groundwater beneath the subject site. The Discharger is proposing to implement full-scale groundwater pump and treatment system. The extracted groundwater will be passed through a series of two Granular Activated Carbon (GAC) canisters to treat the contaminated groundwater. See Figure 1 for the location of the site, and Figure 2 for the schematic of the treatment process.

VOLUME AND DESCRIPTION OF DISCHARGE:

The Discharger plans to discharge up to 25,000 gallons per day of treated groundwater from the facility. The groundwater discharge flows into a nearby local storm drain (Latitude: 33° 59' 26", Longitude: 118° 04' 47"), thence to Calleguas Creek, above Potrero Road, 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 your discharge. The groundwater discharge flows to Calleguas Creek above Potrero Road. Therefore, the discharge limits in Attachment B.4.a of Order No. R4-2002-0125 are 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

Constituents	Units	Discharge Limitations	
		Daily Maximum	Monthly Average
Turbidity	NTU	150	50
BOD ₅ 20°C	mg/L	30	20
Settleable Solids	ml/L	0.3	0.1
Sulfides	mg/L	1.0	---
Total Dissolved Solids	mg/L	850	---
Sulfate	mg/L	250	---
Chloride	mg/L	150	---
Boron	mg/L	1.0	---
Nitrogen	mg/L	8	---
Phenols	mg/L	1.0	---
Total Petroleum Hydrocarbons	µg/L	100	---
Benzene	µg/L	1.0	---
Toluene	µg/L	150	---
Ethylbenzene	µg/L	700	---
Xylenes	µg/L	1750	---
Ethylene Dibromide	µg/L	0.05	---
Lead	µg/L	5.2 ¹	2.6 ¹
Methyl Tertiary Butyl (MTBE)	µg/L	5	---
Napthalene	µg/L	21	---
Di-isopropyl Ether (DIPE)	µg/L	0.8	---
Tertiary Butyl Alcohol (TBA)	µg/L	12	---

* Nitrate-nitrogen + nitrite-nitrogen

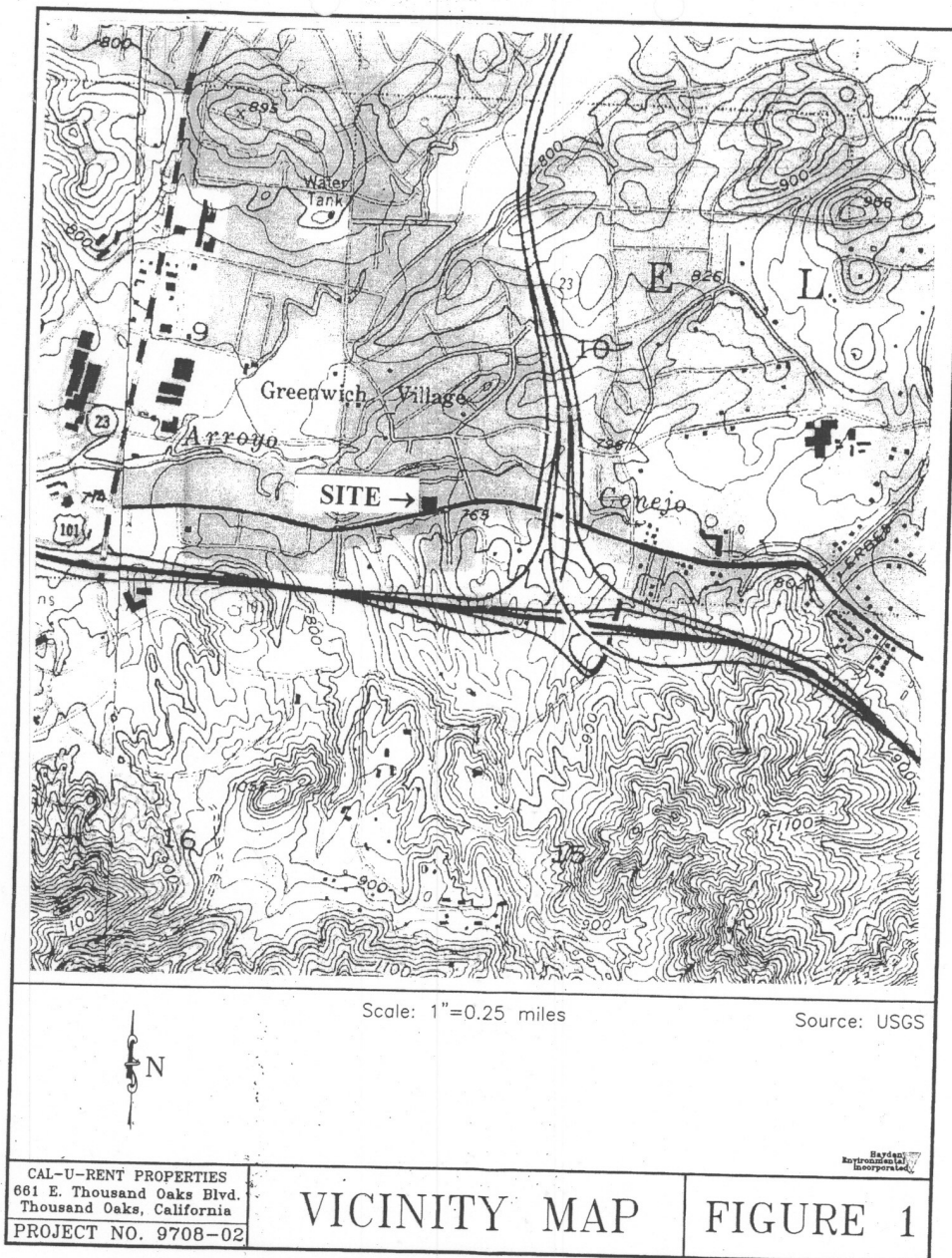
FREQUENCY OF DISCHARGE:

The groundwater discharge will be intermittent for the duration of the treatment system operation which is expected to last for 6 to 12 months.

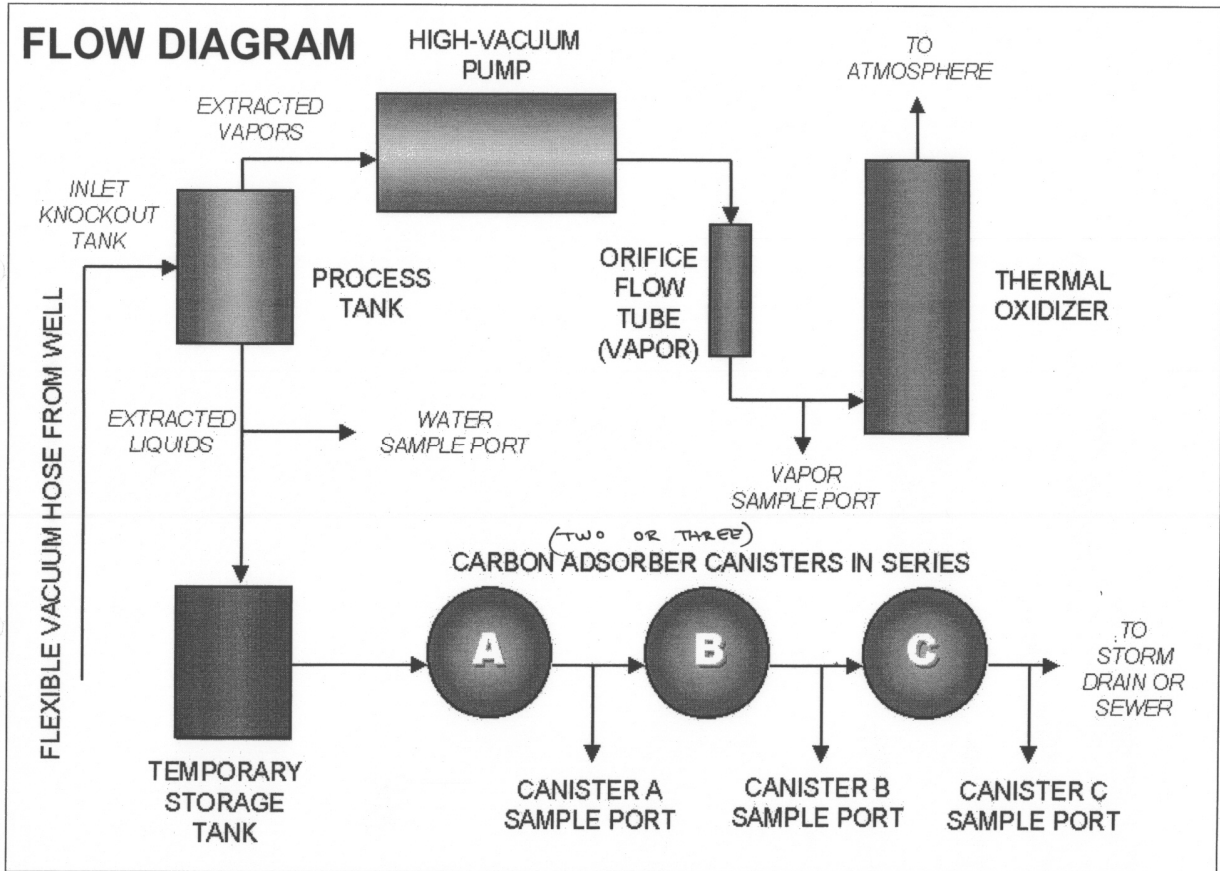
REUSE OF WATER:

Approximately 400 gallons per day of treated groundwater will be beneficially reused in the liquid ring pump system as make up water. Offsite disposal of the rest of the groundwater is not feasible due to high cost of disposal. Since there are no feasible reuse options, the groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.

¹ Total recoverable metals (based on a hardness of 100 mg/L)



**Site Location
Figure 1**



**Treatment Schematic
Figure 2**