

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**

**SAN GABRIEL BASIN WATER QUALITY AUTHORITY
FORMER JAB HOLDINGS INC.**

**NPDES NO. CAG994004, SERIES NO. 243
CI-9294**

PROJECT LOCATION

9401 East Whitmore Street
El Monte, CA 91731

FACILITY MAILING ADDRESS

1720 West Cameron Avenue, Suite 100
West Covina, CA 91790

PROJECT DESCRIPTION

The San Gabriel Basin Water Quality Authority (Discharger) proposes to pump and discharge treated groundwater from South El Monte Operable Unit (SEMOU) located in the City of El Monte (Figure 1). Groundwater beneath the site is impacted with chlorinated volatile organic compounds and heavy metals including trichloroethylene, tetrachloroethylene, 1,4-dioxane. The Discharger is proposing to implement full scale groundwater treatment (Figure 2). Extracted groundwater will be treated by passing through bag filter, advance oxidation (TrojanUVPhox) and liquid phase granular activated carbon vessels to treat chlorinated volatile organic compounds. If necessary, further treatment may be provided to treat inorganic compounds. The groundwater cleanup project is expected to complete within five years.

VOLUME AND DESCRIPTION OF DISCHARGE

It is estimated that up to 72,000 gallons per day of groundwater will be discharged to the adjacent Rio Hondo Channel through a series of metal pipe culverts installed through the Rio Hondo Channel levee (Latitude 34° 03' 56", Longitude 118° 03' 53"), thence to the Los Angeles River, 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 discharge flows into Rio Hondo Channel thence to Los Angeles River. Therefore, the limitations in Attachment B.7.f of

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Order No. R4-2003-0111 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
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	---
Total Dissolved Solids	mg/L	750	---
Sulfate	mg/L	300	---
Chloride	mg/L	180	---
Nitrate-nitrogen + Nitrite-nitrogen	mg/L	8	---
Phenols	mg/L	1.0	---
Residual Chlorine	mg/L	0.1	---
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---
Arsenic	µg/L	50	---
Copper	µg/L	44.4	22.1
Mercury	µg/L	0.1	0.05
Chromium III	µg/L	50	---
Chromium IV	µg/L	16	---
Nickel	µg/L	100	100
Selenium	µg/L	8	4
Trichloroethylene	µg/L	5	---
Tetrachloroethylene	µg/L	5	---
1,4-dioxane	µg/L	3	---

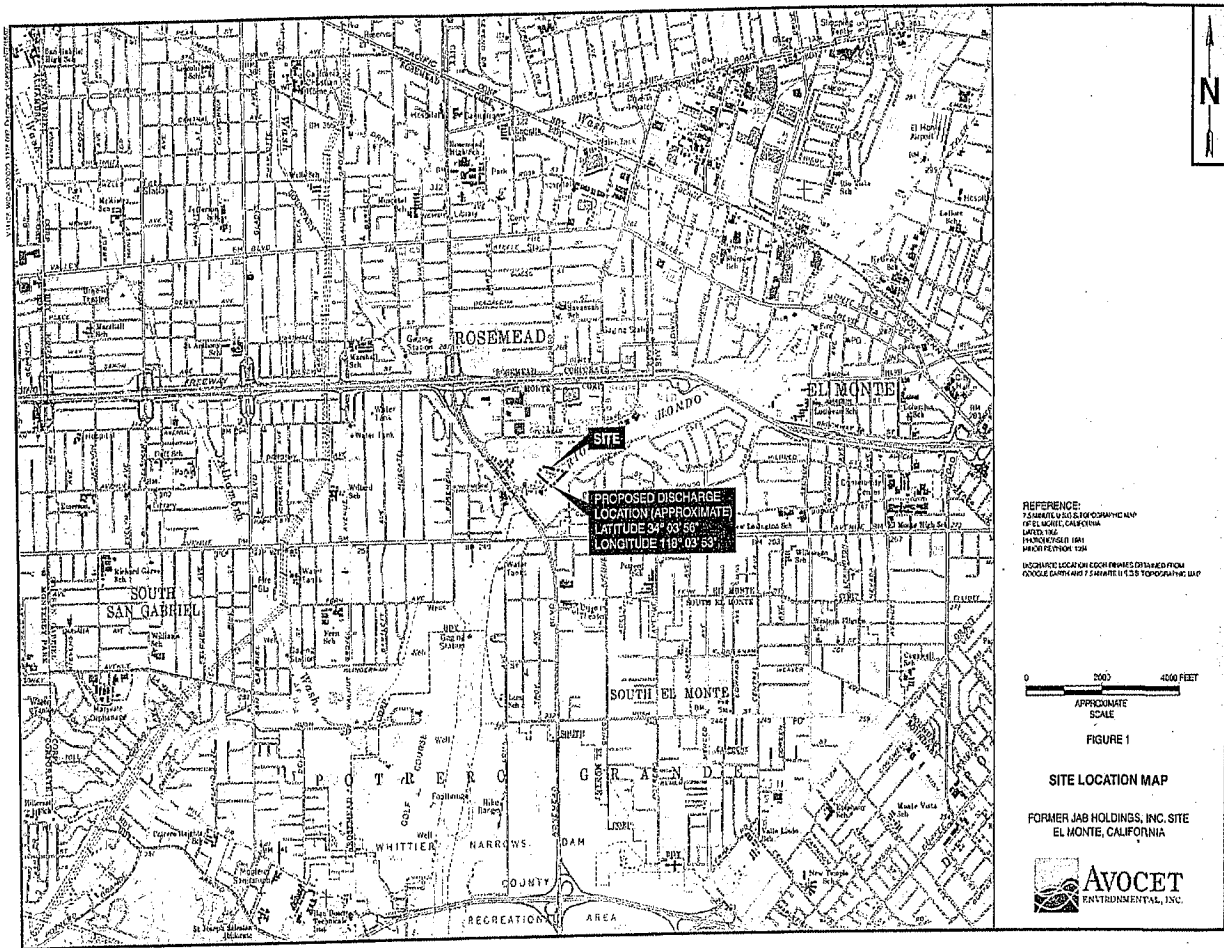
FREQUENCY OF DISCHARGE

The dewatering discharge will be continuous lasting up to five years.

REUSE OF WATER

It is not economically feasible to haul the groundwater for off-site disposal. Since there are no other feasible reuse options, most of the treated groundwater generated from the site will be discharged to the storm drain in accordance with the attached Order.

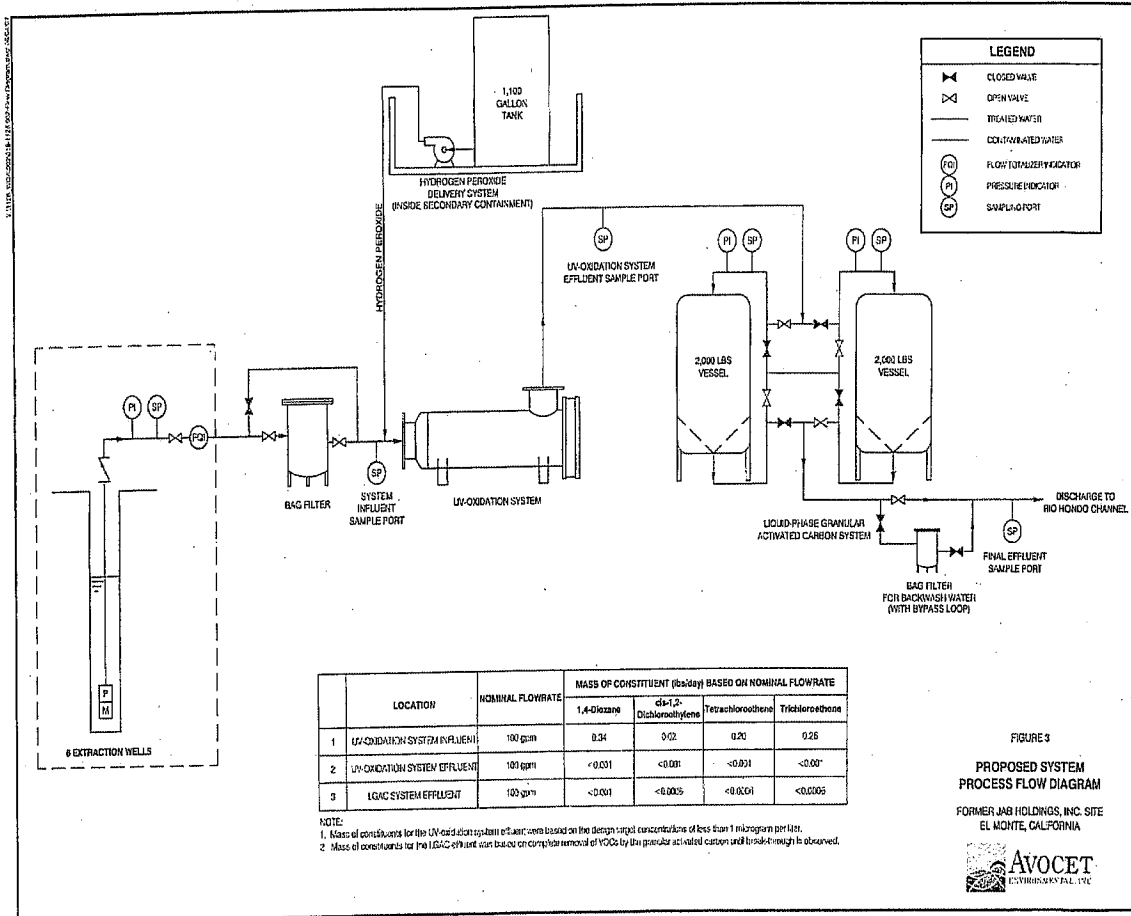
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Former JAB Holdings Inc. (South El Monte Operable Unit)
(Latitude 34° 03' 56", Longitude 118° 03' 53")

Site Location
Figure 1

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Groundwater Treatment Schematic
 Figure 2