

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
G & M OIL COMPANY, INC.
(Station #56 Remediation Project)
NPDES NO. CAG994004
CI-9109

FACILITY LOCATION

9409 Alondra Blvd.,
Bellflower, CA 90706

FACILITY MAILING ADDRESS

16868 "A" Street
Huntington Beach, CA 92647

PROJECT DESCRIPTION

The subject site is a G & M Oil Company Gas Service Station #56 located at 9409 Alondra Boulevard, Bellflower. Shallow groundwater beneath the site is impacted with petroleum hydrocarbons. The groundwater cleanup project consultant, Atlas Environmental Engineering, Inc. is operating a groundwater extraction and treatment system at the site. The extracted groundwater is treated by pumping it through an oil-water diffuser tank, then through a series of three canisters containing granular activated carbon (GAC) to remove petroleum hydrocarbons and other volatile organic compounds, if any. Treated groundwater will be tested prior to discharge to a storm drain.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 7,200 gallons per day of treated groundwater will be discharged to the storm drain located at Latitude 32°49'26", Longitude 116°31'68", thence to San Gabriel River, a water of the United States. The site location and the schematic of waste flow diagram are shown as 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 flows into San Gabriel River between Firestone Boulevard and the San Gabriel River Estuary, therefore, the discharge limitations in Attachment B are not applicable to the discharge.

June 14, 2006

This Table lists the specific constituents and effluent limitations applicable to your 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	---
Residual Chlorine	mg/L	0.1	
Total Petroleum Hydrocarbons	µg/L	100	---
Benzene	µg/L	1.0	---
Toluene	µg/L	150	---
Ethylbenzene	µg/L	700	---
Xylenes	µg/L	1750	---
MethylTertiary Butyl Ether (MTBE)	µg/L	5.0	---
Di-isopropyl Ether (DIPE)	µg/L	0.8 ¹	---
Tertiary Butyl Alcohol (TBA)	µg/L	12	---
1,2-Dichloroethane	µg/L	0.50 ¹	---

REQUENCY OF DISCHARGE

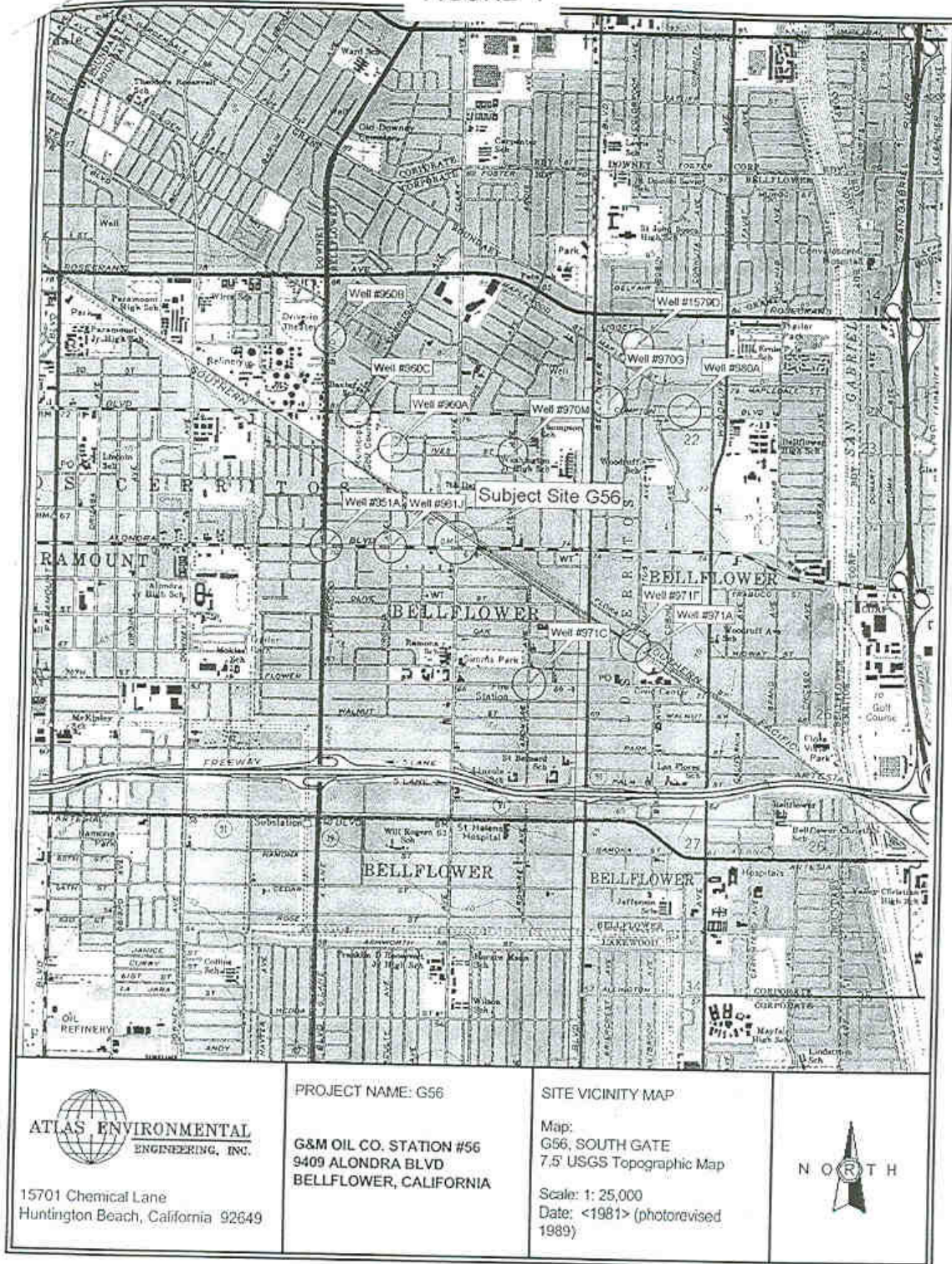
The discharge is continuous and is expected to last approximately two to four years.

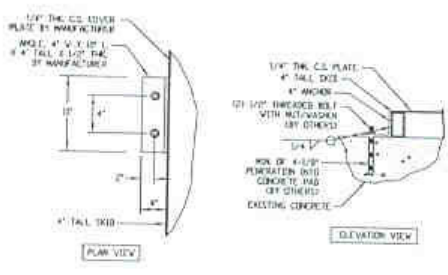
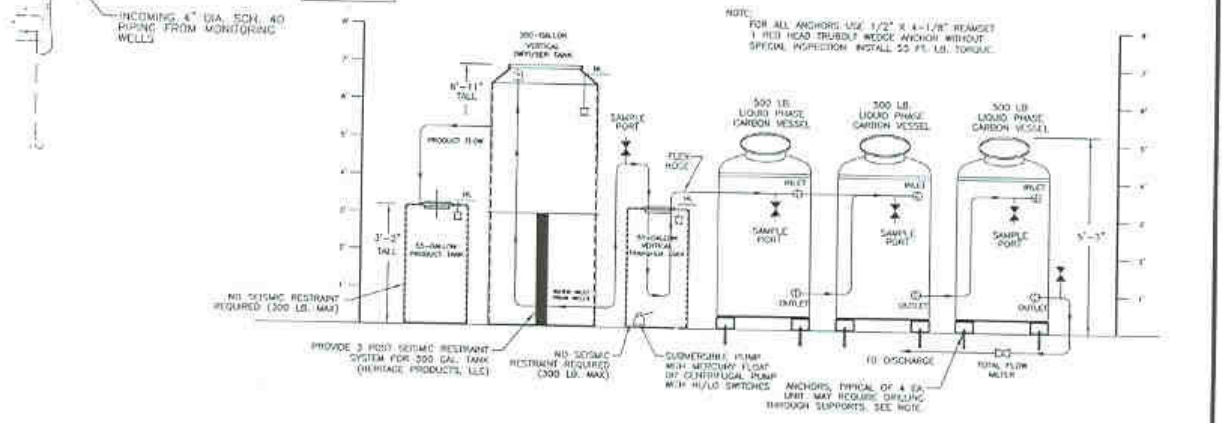
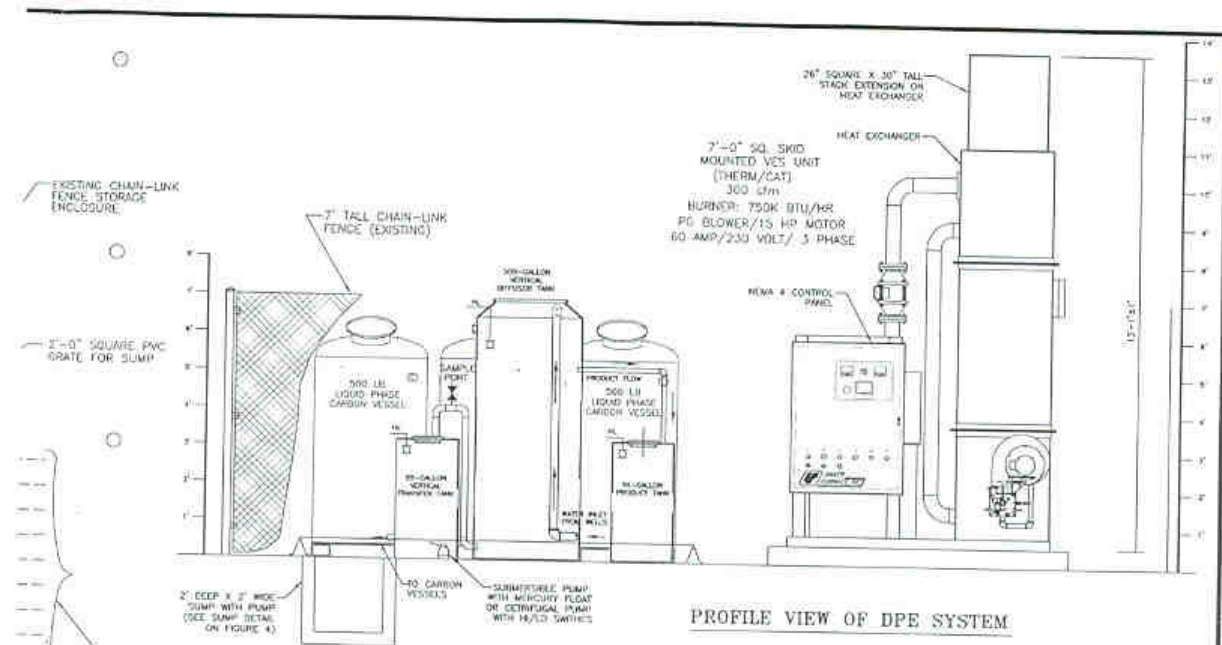
REUSE OF WATER

It is not feasible to discharge to the sanitary sewer system. It is not economically feasible to haul the treated groundwater for off-site disposal, and the facility lacks landscaped area for irrigation. There are no feasible reuse options for the discharge; therefore, the treated groundwater will be discharged to the storm drain in compliance with the requirements of the attached order.

¹ If the reported detection level is greater than the effluent limit, then a non-detect using method limit (ML) detection is deemed to be in compliance.

FIGURE 1





OXIDIZER SKID
 ANCHOR DETAIL
 NOT TO SCALE

WATER TREATMENT PROCESS FLOW DIAGRAM
 NOT TO SCALE

G&M OIL COMPANY, INC. SERVICE STATION #56 9409 ALONDRA BOULEVARD BELLFLOWER, CALIFORNIA		TREATMENT COMPOUND	
NOT TO SCALE		DRAWING NUMBER G58-SYS-F2	FIGURE 2
		Drawn By: EFD/KB	
		Date: 11/18/2004	
		Rev: 11/23/2005	
		Design By: CT/SP/KHK	
15701 CHEMICAL LANE HUNTINGTON BEACH, CA 92649 PHONE: (714) 890-7121			
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