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
PACIFIC TERMINALS LLC
(Los Alamitos Tank Farm)
NPDES NO. CAG994004
CI-9316

FACILITY LOCATION
692 N. Studebaker Road
Long Beach, CA 90805

FACILITY MAILING ADDRESS
5900 Cherry Avenue
Long B each, CA 90805

PROJECT DESCRIPTION

The Pacific Terminals LLC (Discharger) proposes to discharge non-process wastewater generated from their facility located at 692 N. Studebaker Avenue, Long Beach. Up to 1.44 million gallons per day (mgd) of hydrostatic test water and tank wash water will be treated and discharged over a period of 12 weeks. Should the discharge covered under this permit last past six months, then the discharge rate will be limited to no more than 1.0 mgd. The wastewater will be filtered by passing through bag filters to remove sediments, through oil and water separater vessel, then through a series of granular activated carbon (GAC) vessels to remove petroleum hydrocarbons, volatile and semi-volatile organic compounds. The treated wastewater may be polished by passing through ion exchange column to remove excess heavy metals, if necessary. The effluent will be tested prior to discharge to the San Gabriel River.

VOLUME AND DESCRIPTION OF DISCHARGE

Up to 1.4 mgd of wastewater will be discharged to the San Gabriel River at Latitude 33°45'40", Longitude 118°05'55", 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 receiving waterbody for the discharge, the San Gabriel River (between Firestone Boulevard and San Gabriel River Estuary (downstream from Willow Street)), has designated beneficial use of MUN (Potential). The limitations specified in Attachment B of Order No. R4-2003-0111 are not applicable to the discharge.

August 30, 2007

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	---
Total Petroleum Hydrocarbons	ug/L	100	---
Benzene	ug/L	1.0	---
Toluene	ug/L	150	---
Xylenes	ug/L	1750	---
Ethylbenzene	ug/L	700	---
Naphthalene	ug/L	21	---
Benzo (a) anthracene	ug/L	0.098	0.049
Chrycene	ug/L	0.098	0.049
Methyl tertiary butyl ether (MTBE)	ug/L	5.0	5.0
Tertiary butyl alcohol (TBA)	ug/L	12	12
Copper	ug/L	33.3	16.6
Selenium	ug/L	8.0	4.0
Zinc	ug/L	260	130
Methylene Blue Active Substances (MBAS)	mg/L	0.5	---

FREQUENCY OF DISCHARGE

The discharge of non-process wastewater from the facility will begin in September 2007 and last for approximately 12 weeks.

REUSE OF WATER

It is not economically feasible to haul all the wastewater to off-site disposal facility. Due to the large volume of water that will be generated, it is not feasible to discharge the water to the sanitary sewer system. There are no other feasible reuse options for the discharge. Therefore, the treated wastewater will be discharged to the San Gabriel River in compliance with the requirements of the attached order.

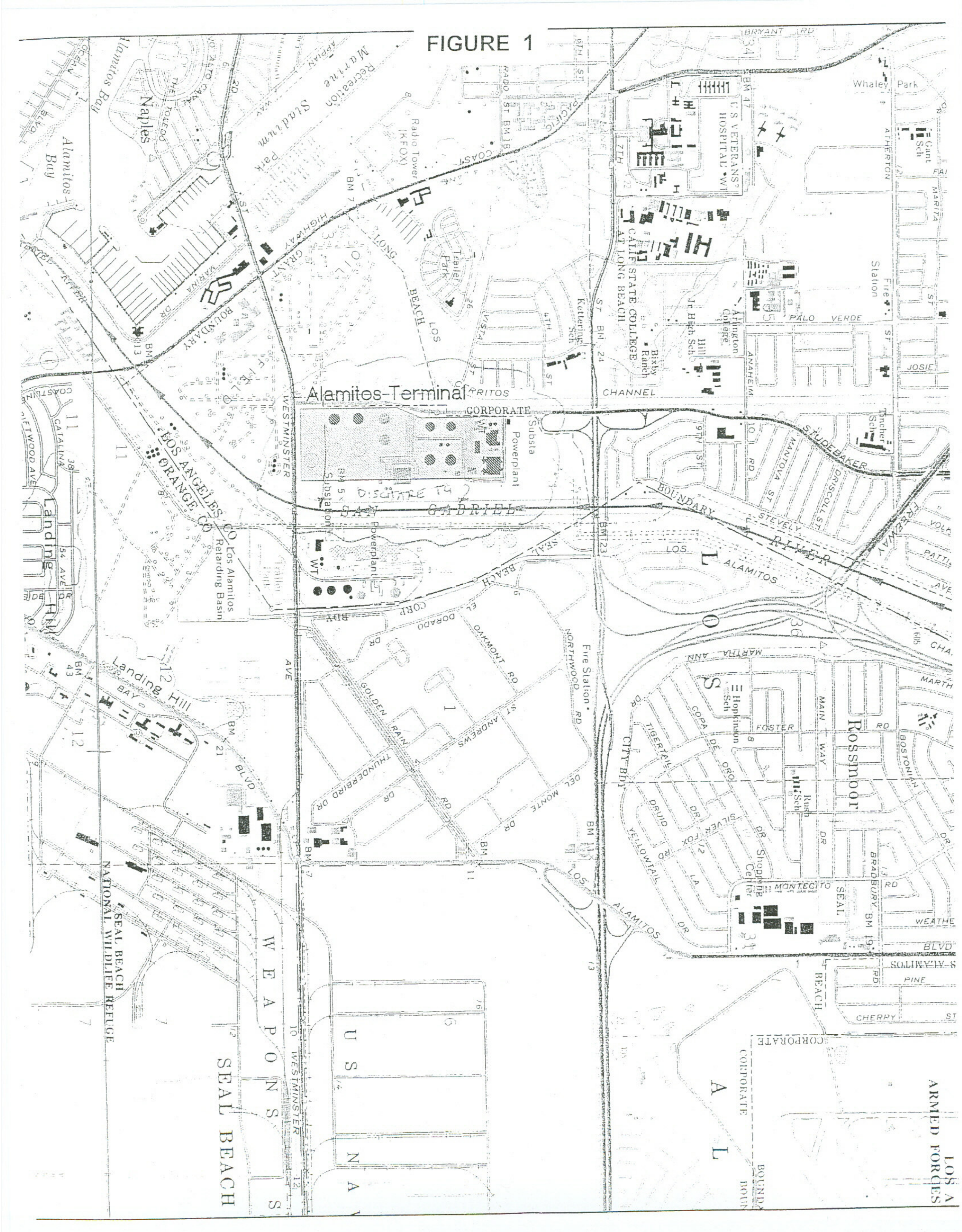
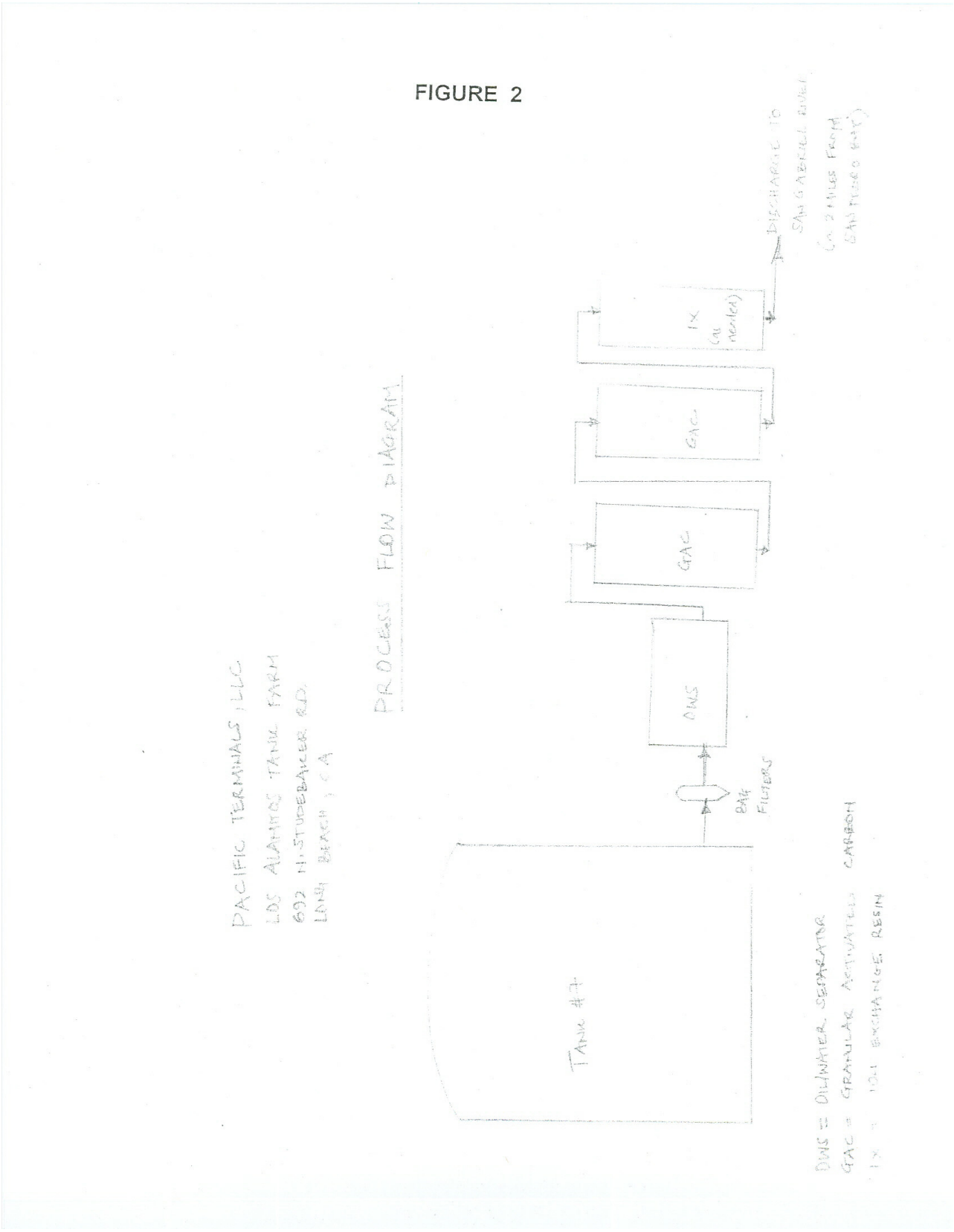


FIGURE 1
Alamitos Terminal
Los Alamitos Retarding Basin
LOS ANGELES CO
ORANGE CO
Rossmoor
SEAL BEACH
SEAL BEACH NATIONAL WILDLIFE REFUGE
CALIF STATE COLLEGE AT LONG BEACH
U S VETERANS HOSPITAL
Naples
Landing Hill
Whaley Park

FIGURE 2


PACIFIC TERMINALS, LLC
LOS ALAMITOS TANK FARM
692 N. STUDEBAKER RD.
LONG BEACH, CA
PROCESS FLOW DIAGRAM
TANK #3
DWS
BAG FILTERS
GAC
GAC
IX (as needed)
DISCHARGE TO SAN GABRIEL RIVER
(ca. 2 MILES FROM SAN PEDRO BAY)
DWS = OIL/WATER SEPARATING
GAC = GRANULAR ACTIVATED CARBON
IX = ION EXCHANGE RESIN