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
CONOCOPHILLIPS COMPANY
(76 SERVICE STATION NO. 3768)

(NPDES NO. CAG834001, SERIES NO. 151)
CI-8322

FACILITY ADDRESS	**FACILITY MAILING ADDRESS**
6370 Stearns Avenue Long Beach, CA 90815	3611 S. Harbor Blvd., Suite 200 Santa Ana, CA 92704

PROJECT DESCRIPTION:

ConocoPhillips Company (Discharger) operates a groundwater treatment system at 6370 Stearns Avenue, Long Beach (See Figure 1 for the site location). The primary contaminants in groundwater beneath the site include total petroleum hydrocarbons, tertiary butyl alcohol, and methyl tertiary butyl ether. The treatment system includes three granulated activated carbon (GAC) vessels connected in series (See Figure 2 for treatment process). The treated groundwater from the site is discharged into a nearby storm drain under the General NPDES Permit CAG834001, Order No. R4-2002-0125. On May 17, 2007, the Discharger completed the Notice of Intent Form to continue enrollment under the general NPDES permit. Order No. R4-2007-0021 supersedes Order No. R4-2002-0125 and continues the facility enrollment under the General NPDES permit.

VOLUME AND DESCRIPTION OF DISCHARGE:

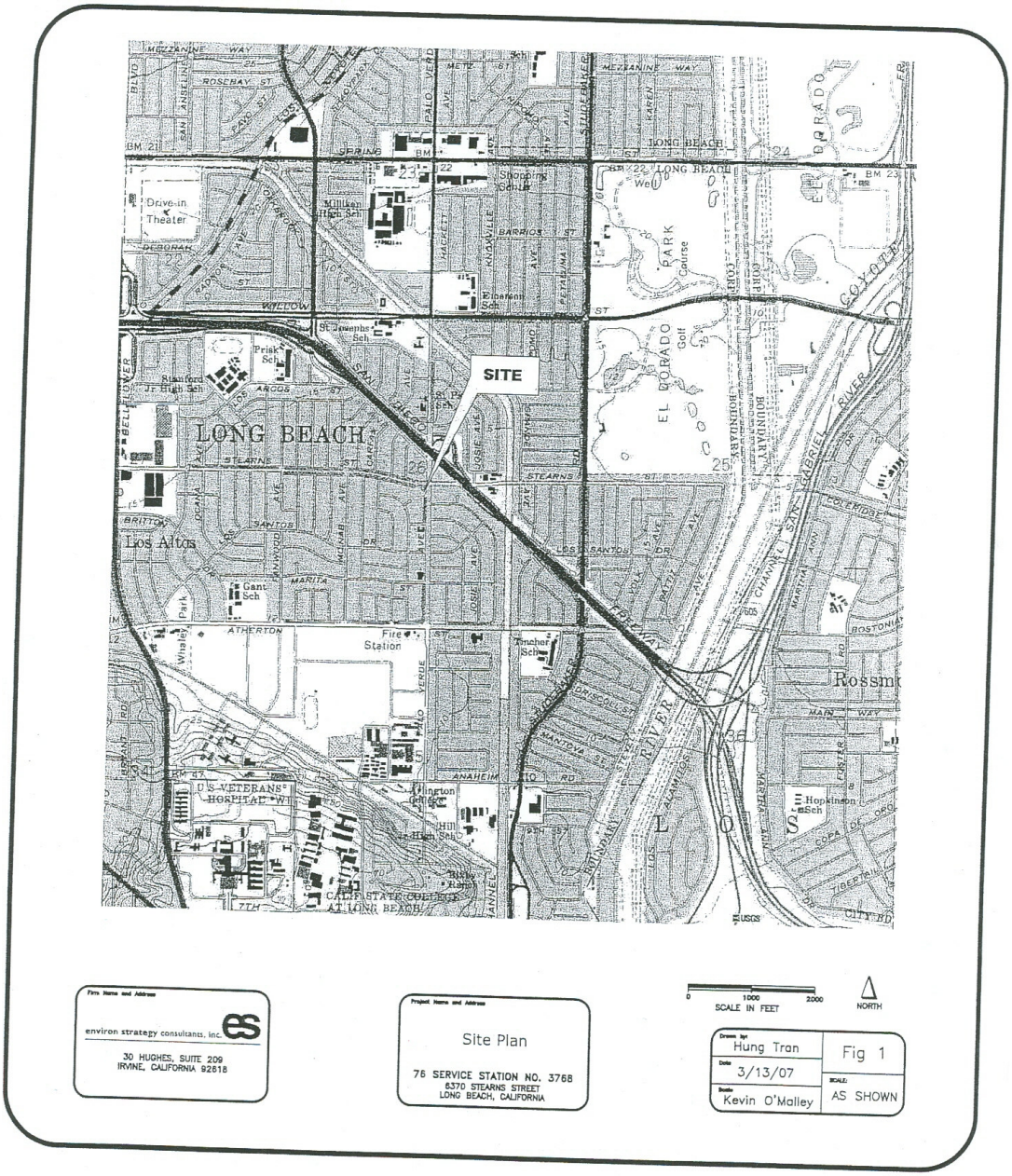
Approximately 7,500 gallons per day of groundwater is discharged from the facility to Discharge Point 1 (Latitude: 33° 47' 45", Longitude: 118° 06' 30"). The discharge flows into Los Cerritos Channel, thence to Alamitos Bay, a water of the United States.

FREQUENCY OF DISCHARGE:

The groundwater discharge will be intermittent for the duration of the treatment system operation.

REUSE OF WATER:

Offsite disposal of treated groundwater is not feasible due to high cost of disposal. Due to the large volume of groundwater that is generated, it is not feasible to discharge the treated groundwater to the sanitary sewer system. Since there are no feasible reuse options, the groundwater is discharged into the storm drain in compliance with the requirements of the attached order.

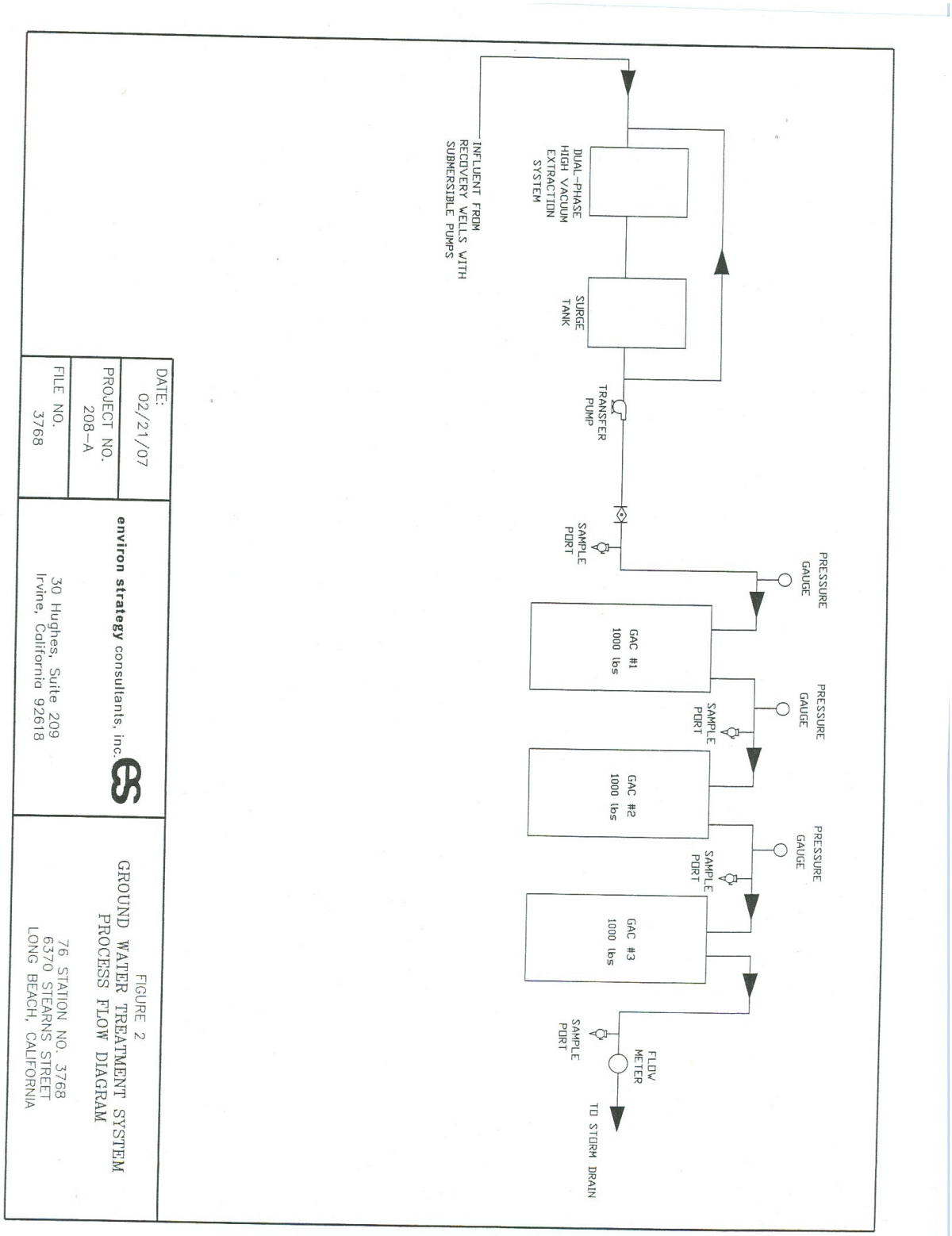


environ strategy consultants, inc.
30 HUGHES, SUITE 209
IRVINE, CALIFORNIA 92618

Site Plan

76 SERVICE STATION NO. 3768
6370 STEARNS STREET
LONG BEACH, CALIFORNIA

Drawn by: Hung Tran	Fig 1
Date: 3/13/07	SCALE: AS SHOWN
Reviewed: Kevin O'Malley	


INFLUENT FROM RECOVERY WELLS WITH SUBMERSIBLE PUMPS
DUAL-PHASE HIGH VACUUM EXTRACTION SYSTEM
SURGE TANK
TRANSFER PUMP
SAMPLE PORT
PRESSURE GAUGE
GAC #1 1000 lbs
PRESSURE GAUGE
SAMPLE PORT
GAC #2 1000 lbs
PRESSURE GAUGE
SAMPLE PORT
GAC #3 1000 lbs
SAMPLE PORT
FLOW METER
TO STORM DRAIN
DATE: 02/21/07
PROJECT NO. 208-A
FILE NO. 3768
environ strategy consultants, inc.
30 Hughes, Suite 209
Irvine, California 92618
FIGURE 2
GROUND WATER TREATMENT SYSTEM
PROCESS FLOW DIAGRAM
76 STATION NO. 3768
6370 STEARNS STREET
LONG BEACH, CALIFORNIA