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Shell Oil Company



P. O. Box 5278
Concord, CA 94520-999
(415) 685-3850

April 10, 1992

Shell Service Station
285 Hegenberger Road
at Leet Drive
Oakland, California
WIC No 204-5508-5504

Mr. Barney M. Chan
Alameda County Health Care Service
80 Swan Way, Room 200
Oakland, California 94621

Dear Mr. Chan:

Attached For your review is a report for the Shell Service Station referenced above. I declare under penalty of perjury that the information contained in the report is true and correct, to the best of my knowledge.

Sincerely,

Shell Oil Company

D. T. Kirk

Daniel T. Kirk
Area Environmental Engineer



PACIFIC
ENVIRONMENTAL
GROUP, INC.

#530

April 10, 1992
Project 305-79.01

Mr. Dan Kirk
Shell Oil Company
P.O. Box 5278
Concord, California 94520

Re: Shell Service Station
285 Hegenberger Road at Leet Drive
Oakland, California
WIC No 204-5508-5504

Dear Mr. Kirk:

This letter presents a work plan for Shell Oil Company (Shell) prepared by Pacific Environmental Group, Inc. (PACIFIC) for the above referenced site (Figures 1 and 2). This letter is in response to a letter dated March 31, 1992 from the Alameda County Department of Health Services requesting additional investigation of soil and groundwater conditions around the three former hydraulic lifts and the oil/water separator. This request is a result of a previous investigation in which up to 15,000 parts per million (ppm) oil and grease was discovered in soil samples during excavation of the hydraulic lifts. Included in this letter is a brief site description and proposed scope of work.

SITE DESCRIPTION

The site is currently an active Shell service station and has a total of 10 monitoring wells. Figure 2 presents the service station layout, including storage tank locations, approximate location of the station building, and the approximate locations of former hydraulic lifts and the former oil/water separator.

The scope of work proposed in this work plan includes the following:

- o Excavation and sampling of three hydraulic lift areas until concentrations of oil and grease are low to non-detectable. The size of the excavation will be determined by oil and grease concentrations in soil and building constraints.
- o Excavation and sampling around the oil/water separator until concentrations of oil and grease are low to non-detectable. The size of the excavation will be determined by oil and grease concentrations in soil and building constraints.
- o Collection of one bottom sample and two to four sidewall samples from each excavation, initially. Additional sampling and excavation may be required depending on analytical results..
- o Soil samples will be submitted for oil and grease analysis according to gravimetric Method SM 5520 E&F on 24-hour rush basis. Additionally, selected soil samples will be analyzed for volatile and semi-volatile organic compounds, and selected metals according to RWQCB guidelines.

If you have any questions regarding the contents of this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.

Michael Hurd
Project Geologist

Erin Garner
Senior Geologist
RG 4750

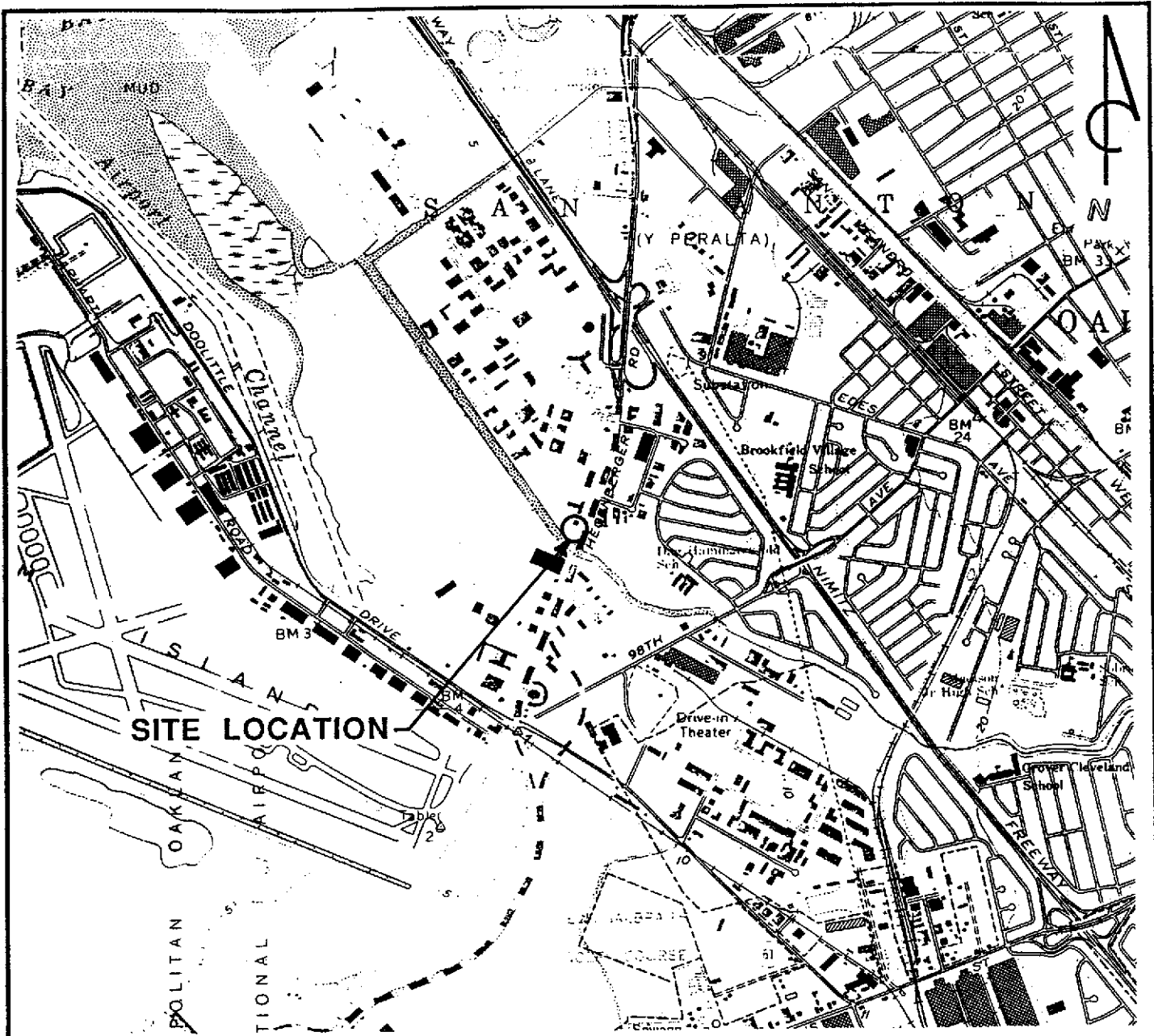


3 - 5 spls
(oil + grease)

Kettle Ryan
Pacific Eng. Group

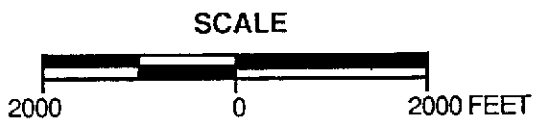
Attachments: Figure 1 Site Location Map
Figure 2 Site Map

cc: Mr. Barney M. Chan, Alameda County Health Care Services
Mr. Rich Hiatt, Regional Water Quality Control Board



QUADRANGLE LOCATION

REFERENCES:
 USGS 7.5 MIN. TOPOGRAPHIC MAP
 TITLED: SAN LEANDRO, CALIFORNIA
 DATED: 1959 REVISED: 1980
 TITLED: OAKLAND EAST, CALIFORNIA
 DATED: 1959 REVISED: 1980




PACIFIC ENVIRONMENTAL GROUP, INC.

SHELL SERVICE STATION
 285 Hegenberger Road at Leet Drive
 Oakland, California

SITE LOCATION MAP

FIGURE:
 1
PROJECT:
 305-79.01



CHANNEL

LEET DRIVE

TRUCK STORAGE AREA

APPROXIMATE LOCATION OF FORMER OIL/WATER SEPARATOR

APPROXIMATE LOCATION OF FORMER HYDRAULIC LIFTS

MW-3

MW-5

MW-2

WASTE OIL TANK

UNDERGROUND FUEL STORAGE TANKS

STATION BUILDING

CANOPY

APPROXIMATE DIRECTION OF GROUNDWATER FLOW

PLANTER

MW-10

MW-1

MW-6

PLANTER

PARKING

MW-4

PLANTER

MW-7

MW-9

SIDEWALK

PLANTER

PRODUCT ISLANDS

HEGENBERGER ROAD

SIDEWALK

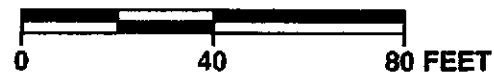
LEGEND

MW-7 ● GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION



PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE



SHELL SERVICE STATION
285 Hegenberger Road at Leet Drive
Oakland, California

SITE MAP

FIGURE:
2
PROJECT:
305-79.01