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Alameda County
Environmental Health

QUARTERLY SUMMARY REPORT
4TH QTR - 1997
(October-December)

UNOCAL SERVICE STATION No. 5325
3220 Lakeshore Avenue
Oakland, California

CITY/COUNTY ID #: Oakland

COUNTY: Alameda

BACKGROUND: The site is currently an operating Unocal service station. The underground storage tanks were replaced in June 1990. Approximately 850 cubic yards of soil was excavated during UST replacement activities. Three groundwater monitoring wells were installed on-site in September 1990. Two additional on-site monitoring wells and one offsite monitoring well were installed in June 1994. Quarterly sampling of wells began in October 1990. Conducted groundwater study which indicated no influence from Lake Merritt. Product skimmer was installed in Well U-1 during the First Quarter 1996 and is currently maintained. Waste oil UST and product lines were removed in November 1996. Approximately 147 tons of soil was excavated from the product lines. One UST backfill observation well was installed and a Limited Subsurface Investigation was performed on June 23, 1997. Soil samples were collected for specific analysis for future in a RBCA preparation. Approximately 13,000 gallons of groundwater from the UST complex for remedial purposes.

RECENT QUARTER ACTIVITIES: Prepared quarterly summary reporting. Monitored and sampled groundwater monitoring wells. Quarterly investigation reported free phase product in wells MW-1 and MW-2. A subsequent investigation indicated that no free phase product was observed and that the initial (quarterly) investigation was incorrect.

NEXT QUARTER ACTIVITIES: Prepare and submit First Quarter 1998 Summary Report. Perform quarterly groundwater monitoring and sampling.

CHARACTERIZATION/REMEDIAL STATUS:

Soil contamination delineated?	<u>Yes</u>
Dissolved ground water delineated?	<u>No</u>
Free product delineated?	<u>Yes</u>
Amount of GW contaminant recovered this quarter?	<u>65</u> (gal)
Amount of GW contaminant recovered historically?	<u>13,195</u> (gal)

Soil remediation in progress?	<u>No - USTs replaced in</u> <u>June 1990, lines replaced</u> <u>November 1996.</u>
- anticipated start?	<u>NA</u>
- anticipated completion?	<u>NA</u>

Dissolved/free product remediation in progress?	<u>Free Product (skimmer)</u>
- anticipated start?	<u>1/96</u>
- anticipated completion?	<u>Unknown</u>

CONSULTANT/CONTRACTOR: GeoStrategies, 6747 Sierra Ct., Suite J
Dublin, CA 94568 (510) 551-7555



TRANSMITTAL

TO: Mr. Kevin Graves
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

DATE: December 31, 1997
PROJ. #: 7814.22
SUBJECT: Quarterly Summary Report
Unocal Station No. 5325
Oakland, California

FROM:

David J. Vossler
Project Manager
GeoStrategies
6747 Sierra Court, Suite J
Dublin, California 95670

FILE #	5325	SS	<input checked="" type="checkbox"/>	BP	<input type="checkbox"/>
RPT	<input type="checkbox"/>	QM	<input type="checkbox"/>	TRANSMITTAL	<input type="checkbox"/>
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4	<input type="checkbox"/>	5	<input type="checkbox"/>	6	<input type="checkbox"/>

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- For approval Return for corrections Return __ corrected prints

COMMENTS:

At the request of Tosco Marketing Company, we are forwarding you a corrected copy of the above listed document for you files. If you have any questions, please call me at (510) 551-7555.

cc: Ms. Tina Berry, Tosco Marketing Company

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