



ENVIRONMENTAL RESOLUTIONS, INC.

January 29, 1999
ERI 2023.L04

Mr. Steve Morse
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, California 94612

Subject: Tosco Marketing Company, Quarterly Summary Reports, Fourth Quarter 1998.

Mr. Morse:

At the request of Tosco Marketing Company (Tosco), Environmental Resolutions, Inc. (ERI) is submitting the attached Fourth quarter 1998 summary reports for various Tosco facilities that ERI is performing ongoing environmental work within the San Francisco Bay Region. Please call me at (415) 382-5994 with any questions.

Sincerely,
Environmental Resolutions, Inc.

Glenn L. Matteucci
Assistant Project Manager

Attachments:

cc: Mr. Dave DeWitt, Tosco
Mr. Dave Camille, Tosco
Ms. Elizabeth Rouan, San Mateo County Department of Health Services
Ms. Cheri D. McCaulou, City and County of San Francisco Department of Public Health
Bureau of Environmental Health Management
Mr. Mr. Ted Trenholm, Alameda County Water District
Ms. Eva Chu, Alameda County Department of Environmental Health Services
Mr. Bill Mitchell, City of Berkeley Planning & Economic Development Department
Toxics Management Division
Mr. Lane Davis, Santa Clara Valley Water District

QUARTERLY SUMMARY REPORT

Fourth Quarter 1998

(October - December)

TOSCO 76 SERVICE STATION 7176 - (Active)

7850 Amador Valley Boulevard

Dublin, California

City/County ID Alameda County Health Care Services Agency

County: Alameda County

BACKGROUND

Unocal Corporation (Unocal) replaced the fuel underground storage tanks (USTs) and removed the used-oil UST. The majority of hydrocarbon-impacted soil (1,863 tons) was excavated and transported to a Unocal-approved landfill. In July 1995, Unocal performed a soil and groundwater investigation which included drilling nine soil borings and constructing three on-site groundwater monitoring wells. During March 1998, Tosco Marketing Company (Tosco) performed an off-site soil and groundwater investigation which included installation of two off-site groundwater monitoring wells south and east of the site. Dissolved hydrocarbons have not been delineated east and south of the site.

RECENT QUARTER ACTIVITIES

Performed quarterly groundwater monitoring and sampling for both newly installed off-site wells and existing on-site wells.

NEXT QUARTER ACTIVITIES

Perform quarterly groundwater monitoring and sampling.

CHARACTERIZATION/REMEDIAL STATUS

Soil contamination delineated?	<u>Yes</u>
Dissolved groundwater delineated?	<u>No</u>
Free Product delineated?	<u>NA</u>
Amount of gw contaminant recovered this quarter?	<u>0 gallons</u>
Amount of gw contaminant recovered to date?	<u>15,511 gallons/groundwater</u>
Soil remediation in progress?	<u>No</u>
Dissolved/free product remediation in progress?	<u>No</u>

CONSULTANT: Environmental Resolutions, Inc.

QUARTERLY SUMMARY REPORT

Fourth Quarter 1998
(October - December)

TOSCO SERVICE STATION #1156 - (Active)

4276 MacArthur Boulevard
Oakland, California

STID 1163

City/County ID Oakland/City of Oakland Fire Services Agency

County: Alameda County

BACKGROUND

During March through April 1998, Tosco Marketing Company (Tosco) removed one 280-gallon used-oil underground storage tank (UST) and removed and replaced two gasoline USTs, product lines, and dispensers. ERI collected soil samples from beneath tanks and lines for analyses. Residual and dissolved hydrocarbons were detected in soil and groundwater, respectively, beneath the site. Laboratory analyses of soil samples collected from the former gasoline UST cavity and beneath dispensers detected concentrations of total purgeable petroleum hydrocarbons as gasoline (TPPHg) of up to 1,200 parts per million (ppm). Laboratory analyses of soil samples collected from the used-oil UST overexcavation detected TPPHg up to 130 ppm, total extractable petroleum hydrocarbons as diesel (TEPHd) up to 78,000 ppm, and total recoverable petroleum hydrocarbons (TRPH) up to 8,400 ppm. Laboratory analyses of the grab groundwater sample collected from the fuel UST cavity detected TPPHg and methyl tertiary butyl ether (MTBE) at 41,000 parts per billion (ppb) and 1,800 ppb, respectively.

RECENT QUARTER ACTIVITIES

No work performed.

NEXT QUARTER ACTIVITIES

Awaiting regulator response to UST removal report.

CHARACTERIZATION/REMEDIAL STATUS

Soil contamination delineated?	<u>No</u>
Dissolved groundwater delineated?	<u>No</u>
Free Product delineated?	<u>NA</u>
Amount of gw contaminant recovered this quarter?	<u>NA</u>
Amount of soil contamination recovered this quarter?	<u>NA</u>
Cumulative contamination recovered since system startup?	<u>NA</u>
Soil remediation in progress?	<u>1351 tons</u>
Dissolved/free product remediation in progress?	<u>No</u>

CONSULTANT:

Environmental Resolutions, Inc.

QUARTERLY SUMMARY REPORT

Fourth Quarter 1998
(October - December)

TOSCO SERVICE STATION #0843 - (Inactive)

1629 Webster Street
Alameda, California

City/County ID Alameda/Alameda County Department of Environmental Health Services

County: Alameda County

BACKGROUND

During June 1998, Tosco Marketing Company (Tosco) removed two 10,000-gallon gasoline underground storage tanks (USTs), one 550-gallon used-oil UST, product lines, and dispensers. Concentrations of residual total purgeable petroleum hydrocarbons as gasoline (TPPHg) and methyl tertiary butyl ether (MTBE) were detected in soil up to 44 parts per million (ppm) and 280 ppm, respectively, in soil samples collected from the sidewalls of the gasoline UST cavity. Concentrations of dissolved TPPHg, MTBE, and benzene were detected in a groundwater sample collected from the gasoline UST cavity up to 19,000 parts per billion (ppb), 1,300 ppb, and 880 ppb, respectively.

RECENT QUARTER ACTIVITIES

No work performed.

NEXT QUARTER ACTIVITIES

Submit Work Plan for, and perform evaluation of soil and groundwater.

CHARACTERIZATION/REMEDIAL STATUS

Soil contamination delineated?	<u>No</u>
Dissolved groundwater delineated?	<u>No</u>
Free Product delineated?	<u>NA</u>
Amount of gw contaminant recovered this quarter?	<u>NA</u>
Amount of soil contamination recovered this quarter?	<u>NA</u>
Cumulative contamination recovered since system startup?	<u>NA</u>
Soil remediation in progress?	<u>338 tons</u>
Dissolved/free product remediation in progress?	<u>No</u>

CONSULTANT: Environmental Resolutions, Inc.