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Alameda County  
Environmental Health

QUARTERLY SUMMARY REPORT  
1ST QUARTER - 1995  
(DECEMBER 1994 - FEBRUARY 1995)

FILE #	3487	SS	X		
RPT	QM	TRANSMITTAL			
1	2	3	4	5	6

Unocal Service Station #5487  
28250 Hesperian Boulevard  
Hayward, California

County: Alameda

RWQCB Office: San Francisco Bay Region

**BACKGROUND**

The subject site contains a Unocal service station facility. Two underground fuel storage tanks, one waste oil tank, and the product piping were removed from the site in January of 1989 during tank replacement activities. Both the fuel and waste oil tank pits were overexcavated to the ground water depth (10.5 feet below grade) in order to remove contaminated soil. Six monitoring wells have been installed at the site.

**RECENT QUARTER ACTIVITIES**

All six monitoring wells were monitored once and wells MW5 and MW6 were sampled once (February 1, 1995) during the quarter. Monitoring wells MW1 through MW4 are currently sampled annually and thus were not sampled this quarter. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent sampling activities are presented in MPDS Services, Inc's. report (MPDS-UN5487-05) dated February 24, 1995.

**NEXT QUARTER ACTIVITIES**

Continuation of the quarterly monitoring for all wells, and quarterly sampling of wells MW5 and MW6 only. Wells MW1 through MW4 are sampled on an annual basis, and the next scheduled sampling of these wells will occur in August of 1995.

**CHARACTERIZATION / REMEDIAL STATUS**

Soil contamination delineated? Essentially. After overexcavation of contaminated soil from the fuel tank pit, all of the soil samples collected showed TPH as gasoline levels less than 1.5 ppm, and benzene levels less than 0.15 ppm. After overexcavation of contaminated soil from the waste oil tank pit, all of the soil samples collected showed TPH as gasoline and TPH as diesel levels less than 2.5 ppm, with non-detectable levels of benzene, and TOC levels less than 80 ppm. A soil sample collected at a depth of 5 feet below grade from well MW5 showed a level of TPH as gasoline at 900 ppm, with 3.1 ppm of benzene.

Dissolved ground water contamination delineated? No.

Free product delineated? N/A - no free product has been detected in any well to date.

Amount of GW contaminant recovered this quarter? 0 (gal.)  
Amount of GW contaminant recovered historically? 0 (gal.)

QUARTERLY SUMMARY REPORT  
1ST QUARTER - 1995  
(DECEMBER 1994 - FEBRUARY 1995)  
Page 2

Unocal Service Station #5487  
28250 Hesperian Boulevard  
Hayward, California

Soil remediation in progress? N/A. The fuel tank pit was overexcavated 10 feet laterally (7 feet at the north end and 3 feet at the south end) to below the ground water depth (10.5 feet below grade) in order to remove contaminated soil. The waste oil tank pit was also overexcavated laterally (29' x 29') to below the ground water depth in order to remove contaminated soil.

- Anticipated start? \*
- Anticipated completion? \* Completed in February of 1989

Dissolved/free product remediation in progress? No. Low levels of TPH as gasoline and benzene are only detected in two wells.

- Anticipated start? Unknown. The need for a remediation system will be evaluated in the future.
- Anticipated completion? Unknown.

**CONSULTANT:** Kaprealian Engineering, Inc.

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**QUARTERLY SUMMARY REPORT**

4TH QUARTER - 1994  
(SEPTEMBER - NOVEMBER)

5487 X

Unocal Service Station #5487  
28250 Hesperian Boulevard  
Hayward, California

X

County: Alameda

RWQCB Office: San Francisco Bay Region

**BACKGROUND**

The subject site contains a Unocal service station facility. Two underground fuel storage tanks, one waste oil tank, and the product piping were removed from the site in January of 1989 during tank replacement activities. Both the fuel and waste oil tank pits were overexcavated to the ground water depth (10.5 feet below grade) in order to remove contaminated soil. Six monitoring wells have been installed at the site.

**RECENT QUARTER ACTIVITIES**

All six monitoring wells were monitored once and wells MW5 and MW6 were sampled once (November 2, 1994) during the quarter. Monitoring wells MW1 through MW4 are currently sampled annually and thus were not sampled this quarter. Documentation of the sample collection techniques, monitoring data, and the analytical results from the recent sampling activities are presented in MPDS Services, Inc.'s report (MPDS-UN5487-04) dated November 22, 1994.

**NEXT QUARTER ACTIVITIES**

Continuation of the quarterly monitoring for all wells, and quarterly sampling of wells MW5 and MW6 only. Wells MW1 through MW4 are sampled on an annual basis, and the next scheduled sampling of these wells will occur in August of 1995.

**CHARACTERIZATION / REMEDIAL STATUS**

Soil contamination delineated? Essentially. After overexcavation of contaminated soil from the fuel tank pit, all of the soil samples collected showed TPH as gasoline levels less than 1.5 ppm, and benzene levels less than 0.15 ppm. After overexcavation of contaminated soil from the waste oil tank pit, all of the soil samples collected showed TPH as gasoline and TPH as diesel levels less than 2.5 ppm, with non-detectable levels of benzene, and TOC levels less than 80 ppm. A soil sample collected at a depth of 5 feet below grade from well MW5 showed a level of TPH as gasoline at 900 ppm, with 3.1 ppm of benzene.

Dissolved ground water contamination delineated? No.

Free product delineated? N/A - no free product has been detected in any well to date.

Amount of GW contaminant recovered this quarter? 0 (gal.)

Amount of GW contaminant recovered historically? 0 (gal.)

QUARTERLY SUMMARY REPORT

4TH QUARTER - 1994

(SEPTEMBER - NOVEMBER)

Page 2

Unocal Service Station #5487  
28250 Hesperian Boulevard  
Hayward, California

Soil remediation in progress? N/A. The fuel tank pit was overexcavated 10 feet laterally (7 feet at the north end and 3 feet at the south end) to below the ground water depth (10.5 feet below grade) in order to remove contaminated soil. The waste oil tank pit was also overexcavated laterally (29' x 29') to below the ground water depth in order to remove contaminated soil.

- Anticipated start? \*
- Anticipated completion? \* Completed in February of 1989

Dissolved/free product remediation in progress? No. TPH as gasoline and benzene are detected in two wells.

- Anticipated start? Unknown. The need for a remediation system will be evaluated in the future.
- Anticipated completion? Unknown.

**CONSULTANT:** Kaprealian Engineering, Inc.

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