

QUARTERLY SUMMARY REPORT
2ND QUARTER - 1999
(APRIL-JUNE)

RECEIVED

3:32 pm, May 13, 2009

Alameda County
Environmental Health

Tosco (Unocal) Service Station #3135
845 - 66th Avenue
Oakland, California

County: Alameda

RWQCB office: San Francisco Bay Region

BACKGROUND

The subject site contains a Tosco service station facility. Two underground fuel storage tanks, one waste oil tank, and the product piping were removed from the site in November and December of 1989 during tank replacement activities. During March and April of 1991, approximately 2,000 cubic yards of contaminated soil were excavated from the area in the vicinity of the former (pre-1967) fuel tank pit. The soil excavation was conducted to a depth of approximately 1 foot below ground water (11 feet below grade). Ten monitoring wells, two exploratory borings, and a Hydropunch study (seven probe locations) have been installed/performed at and in the vicinity of the site. No free product has been detected in any well to date. ORC was installed in MW-6 in August 1998. Groundwater wells are monitored and sampled annually in February.

RECENT QUARTER ACTIVITIES

The quarterly summary report was prepared and submitted.

NEXT QUARTER ACTIVITIES

The quarterly summary report will be prepared and submitted.

CHARACTERIZATION / REMEDIAL STATUS

Soil contamination delineated? Yes. TPH as gasoline soil levels have been defined to approximately 50 ppm, except at three sample points where the excavation was terminated because the existing product piping prevented further excavation. Benzene levels in the soil have been defined to less than 20 ppm. Soil samples collected - from the waste oil tank pit showed non-detectable levels of TPH as diesel, benzene, toluene, ethylbenzene, and xylenes (BTEX), total oil and grease and all EPA method 8010 compounds, with TPH as gasoline detected at levels less than 4 ppm.

Dissolved groundwater contamination delineated? Yes. The extent of groundwater contamination has been predominantly defined at and in the vicinity of the site. The groundwater samples collected from the off-site wells (MW8 and MW9) installed to the east of the site have shown non-detectable concentrations of TPH as gasoline, BTEX, and TPH as diesel. Benzene has also been consistently non-detectable in downgradient well MW10, and wells MW3, MW5, and MW7.

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.)

FILE #	253135	SS	X	RP
RPT	Q2	1999	TO	UNOCAL
			X	

QUARTERLY SUMMARY REPORT

2ND QUARTER - 1999

(APRIL-JUNE)

Page 2

Soil remediation in progress? N/A. During March and April of 1991, approximately 2,000 cubic yards of contaminated soil were excavated from the area in the vicinity of the former (pre-1967) fuel tank pit. The soil excavation was conducted to a depth of approximately 1 foot below ground water (11 feet below grade).

- Anticipated start? N/A*
- Anticipated completion? * Completed in April of 1991

Dissolved/free product remediation in progress? No. Based on the analytical results of all of the ground water samples collected and evaluated to date, the plume does not appear to be significantly migrating. Therefore, ground water remediation does not appear to be warranted at this time. Passive enhancement with ORC has been initiated in well MW-6.

- Anticipated start? N/A.
- Anticipated completion? N/A.

CONSULTANT: Gettler-Ryan Inc.