MONITORING
PURGING
DISPOSING
SAMPLING

MPDS SERVICES, INCORPORATED

November 7, 1995

Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94501

RE: Unocal Service Station #5325
3220 Lakeshore Avenue
Oakland, California

Per the request of the Unocal Corporation Project Manager, Mr. David B. De Witt, enclosed please find our report (MPDS-UN5325-08) dated October 12, 1995 for the above referenced site.

Should you have any questions regarding the reporting of data, please feel free to call our office at (510) 602-5120. Any other questions may be directed to the Project Manager at (510) 277-2384.

Sincerely,

MPDS Services, Inc.

Jarrel F. Crider

Jarrel F. Crider

/jfc

Enclosure

cc: Mr. David B. De Witt

2401 Stanwell Drive, Suite 300, Concord, CA 94520
TEL: (510) 602-5120 FAX: (510) 689-1918

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS SERVICES, INCORPORATED

RO229

MPDS-UN5325-08
October 12, 1995

Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. David De Witt

RE: Quarterly Data Report
Unocal Service Station #5325
3220 Lakeshore Avenue
Oakland, California

Dear Mr. De Witt:

This data report presents the results of the most recent quarter of monitoring and sampling of the monitoring wells at the referenced site by MPDS Services, Inc.

RECENT FIELD ACTIVITIES

The monitoring wells that were monitored and sampled during this quarter are indicated in Table 1. Prior to sampling, the wells were checked for depth to water and the presence of free product or sheen. The monitoring data and the ground water elevations are summarized in Table 1. The ground water flow direction during the most recent quarter is shown on the attached Figure 1.

Ground water samples were collected on September 19, 1995. Prior to sampling, the wells were each purged of between 10 and 35 gallons of water. During purging operations, the field parameters pH, temperature, and electrical conductivity were recorded and are presented in Table 2. Once the field parameters were observed to stabilize, and where possible, a minimum of approximately four casing volumes had been removed from each well, samples were then collected using a clean Teflon bailer. The samples were decanted into clean VOA vials, which were then sealed with Teflon-lined screw caps, labeled, and stored in a cooler, on ice, until delivery to a state-certified laboratory. Trip blank, equipment blank and field blank samples (denoted as ES-1, ES-2 and ES-3 respectively) were also collected for quality assurance and control. MPDS Services, Inc. transported the purged ground water to the Unocal Refinery located in Rodeo, California, for treatment and discharge to San Pablo Bay under NPDES permit.

ANALYTICAL RESULTS

The ground water samples were analyzed at Sequoia Analytical Laboratory and were accompanied by properly executed Chain of Custody documentation. The analytical results of the ground water samples collected to

date are summarized in Table 3. The concentrations of Total Petroleum Hydrocarbons (TPH) as gasoline and benzene detected in the ground water samples collected this quarter are shown on the attached Figure 2. Copies of the laboratory analytical results and the Chain of Custody documentation are attached to this report.

LIMITATIONS

Environmental changes, either naturally-occurring or artificially-induced, may cause changes in ground water levels and flow paths, thereby changing the extent and concentration of any contaminants.

DISTRIBUTION

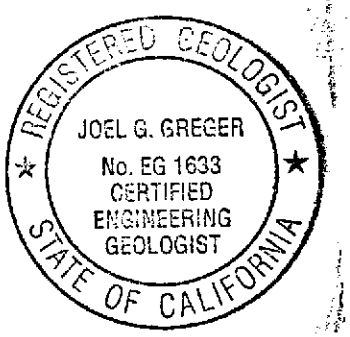
A copy of this report should be sent to the Alameda County Health Care Services Agency.

If you have any questions regarding this report, please do not hesitate to call Mr. Nubar Srabian at (510) 602-5120.

Sincerely,

MPDS Services, Inc.

Sarkis Karkarian
Staff Engineer



Joel G. Greger, C.E.G.
Senior Engineering Geologist

License No. EG 1633
Exp. Date 8/31/96

/jfc

Attachments: Tables 1, 2 & 3
Location Map
Figures 1 & 2
Laboratory Analyses
Chain of Custody documentation

cc: Mr. Greg Gurss, GeoStrategies, Inc., Rancho Cordova

TABLE 1

SUMMARY OF MONITORING DATA

Well #	Ground Water Elevation (feet)	Depth to Water (feet)◆	Total Well Depth (feet)◆	Product Thickness (feet)	Sheen	Water Purged (gallons)
(Monitored and Sampled on September 19, 1995)						
U-1	-0.53▲	9.29	19.81	0.40	N/A	0 (24)
U-2	-0.08	7.70	19.51	0	No	10
U-3	-0.57	11.55	19.85	0	No	12
U-4	0.98	10.17	20.20	0	No	18
U-5	-0.01	6.99	20.15	0	No	35
U-6	-0.56	7.70	23.86	0	No	11
(Monitored and Sampled on June 21, 1995)						
U-1	-0.69▲	9.30	19.80	0.20	N/A	0 (32)
U-2	0.64	6.98	19.50	0	No	10
U-3	-0.39	11.37	19.81	0	No	10
U-4	1.61	9.54	20.16	0	No	18
U-5	-0.13	7.11	20.04	0	No	34
U-6	-0.46	7.60	23.76	0	No	11
(Monitored and Sampled on March 25, 1995)						
U-1	1.02▲	7.72	19.87	0.37	N/A	1 (10)
U-2	0.61	7.01	19.55	0	No	19
U-3	0.02	10.96	19.80	0	No	8.5
U-4	1.64	9.51	20.25	0	No	18
U-5	0.63	6.35	20.08	0	No	36
U-6	0.85	6.29	23.80	0	No	12
(Monitored and Sampled on December 24, 1994)						
U-1	0.42	8.04	19.85	0	No	18
U-2	0.35	7.27	19.55	0	No	8
U-3	-0.30	11.28	19.79	0	No	6
U-4	1.34	9.81	20.24	0	No	15
U-5	0.55	6.43	20.07	0	No	36
U-6	0.47	6.67	23.80	0	No	12

TABLE 1 (Continued)

SUMMARY OF MONITORING DATA

Well #	Well Casing Elevation (feet)*
U-1	8.46
U-2	7.62
U-3	10.98
U-4	11.15
U-5	6.98
U-6	7.14

◆ The depth to water level and total well depth measurements are taken from the top of the well casings.

▲ Ground water elevation corrected due to the presence of free product (correction factor = 0.75).

(x) Amount of product purged in ounces.

* The elevations of the top of the well casings are surveyed relative to City of Oakland benchmark, at the northeasterly corner of Weller and Cheney Avenue (elevation = 9.055', city datum; add 3.00' to U.S.G.S. datum).

N/A = Not applicable.

TABLE 2

RECORD OF THE TEMPERATURE, CONDUCTIVITY, AND pH VALUES
IN THE MONITORING WELLS DURING PURGING AND PRIOR TO SAMPLING

(Measured on September 19, 1995)

Well #	Gallons per Casing Volume	Time	Gallons Purged	Casing Volumes Purged	Temperature (°F)	Conductivity ([μmhos/cm] x1000)	pH
U-2	4.37	11:20	0	0	69.4	3.89	7.22
			4.5	1.03	70.3	2.87	6.55
			7.5	1.72	75.6	3.19	6.53
		12:20	10	2.29	80.8	3.67	7.25
			WELL DEWATERED				
U-3	3.07	12:55	0	0	63.1	1.415	7.95
			3	0.98	79.1	1.178	7.23
			6	1.95	82.7	1.225	7.40
			8	2.61	82.1	1.264	7.32
			11	3.58	75.9	1.104	7.36
		13:35	12	3.91	76.4	1.190	7.22
			WELL DEWATERED				
U-4	6.52	14:05	0	0	88.0	1.260	7.58
			6.5	1.00	77.8	0.961	7.41
			13	1.99	76.6	0.950	7.27
			17	2.61	78.8	1.150	7.40
		14:35	18	2.76	80.9	1.002	7.65
			WELL DEWATERED				
U-5	8.55	10:35	0	0	73.6	3.35	7.02
			9	1.05	72.7	2.53	6.56
			18	2.11	72.6	2.87	6.39
			27	3.16	71.8	3.53	6.45
		10:50	35	4.09	71.7	3.83	6.51
U-6	2.75	9:55	0	0	61.9	1.760	6.96
			3	1.09	67.7	1.984	7.07
			6	2.18	68.1	1.989	6.81
			9	3.27	67.9	1.991	6.89
		10:05	11	4.00	68.0	1.996	7.98

TABLE 3

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
9/19/95	U-1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				
6/21/95	U-1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				
3/25/95	U-1	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				
12/24/94	U-1	50,000	2,500	9,700	2,400	17,000
9/22/94	U-1	6,100♦	ND	ND	ND	ND
6/22/94	U-1	200	ND	ND	5.9	21
2/16/94	U-1	6,800♦♦	ND	ND	ND	ND
11/16/93	U-1	690♦	ND	ND	ND	ND
8/08/93	U-1	4,900**	79	ND	832	270
5/07/93	U-1	8,700	600	240	650	3,300
2/22/93	U-1	34,000	1,400	5,500	910	7,300
8/20/92	U-1	400*	1	ND	ND	0.6
6/11/92	U-1	1,000	80	1.4	6.7	41
5/05/92	U-1	230	1.2	ND	ND	ND
2/12/92	U-1	250	ND	ND	ND	ND
10/09/91	U-1	ND	ND	ND	ND	ND
7/03/91	U-1	140	21	4.3	0.36	17
4/01/91	U-1	160	13	8.6	1.0	15
1/07/91	U-1	250	22	16	4.2	17
8/10/90	U-1	690	38	75	8.6	130
9/19/95	U-2▼	3,000	610	ND	78	240
6/21/95	U-2	16,000	2,100	ND	1,800	1,700
3/25/95	U-2	170,000	1,900	21,000	4,800	33,000
12/24/94	U-2	32,000	1,500	890	1,300	5,000
9/22/94	U-2	8,500♦	29	ND	ND	ND
6/22/94	U-2	31,000	2,200	62	1,500	3,500
2/16/94	U-2	980♦♦	49	13	2.7	40
11/16/93	U-2	510♦	ND	ND	ND	ND
8/08/93	U-2	5,600**	420	ND	410	670
5/07/93	U-2	17,000	1,800	660	1,700	4,000
2/22/93	U-2	3,400	2,400	2,100	1,200	5,800
8/20/92	U-2	700	28	6.5	1.3	4.6
6/11/92	U-2	620	17	2.1	ND	37
5/05/92	U-2	1,600	120	52	6.2	290
2/12/92	U-2	410	1.9	ND	0.36	0.40
10/09/91	U-2	230	7.1	ND	ND	11

TABLE 3 (Continued)

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
7/03/91	U-2	2,100	150	25	3.1	290
4/01/91	U-2	1,700	250	89	34	190
1/07/91	U-2	1,900	67	5.8	58	69
8/10/90	U-2	780	27	46	15	130
9/19/95	U-3▼	ND	ND	ND	ND	ND
6/21/95	U-3	ND	ND	ND	ND	ND
3/25/95	U-3	ND	ND	ND	ND	ND
12/24/94	U-3	ND	ND	ND	ND	ND
9/22/94	U-3	ND	ND	ND	ND	ND
6/22/94	U-3	ND	ND	ND	ND	ND
2/16/94	U-3	ND	ND	ND	ND	ND
11/16/93	U-3	ND	ND	ND	ND	ND
8/08/93	U-3	210	5.0	9.7	0.7	4.1
5/07/93	U-3	ND	ND	ND	ND	ND
2/22/93	U-3	ND	ND	ND	ND	ND
8/20/92	U-3	ND	ND	ND	ND	ND
6/11/92	U-3	ND	ND	ND	ND	ND
5/05/92	U-3	ND	ND	ND	ND	ND
2/12/92	U-3	ND	ND	ND	ND	ND
10/09/91	U-3	ND	ND	ND	ND	ND
7/03/91	U-3	ND	ND	ND	ND	ND
4/01/91	U-3	ND	1.0	2.9	0.53	5.4
1/07/91	U-3	ND	ND	ND	ND	1.8
8/10/90	U-3	ND	ND	ND	ND	ND
9/19/95	U-4	ND	ND	ND	ND	ND
6/21/95	U-4	ND	ND	ND	ND	ND
3/25/95	U-4	ND	ND	ND	ND	ND
12/24/94	U-4	ND	ND	ND	ND	ND
9/22/94	U-4	ND	0.78	1.3	ND	1.4
6/22/94	U-4	ND	ND	ND	ND	ND
9/19/95	U-5▼	850	14	7.1	13	66
6/21/95	U-5	400	2.3	ND	9.1	3.5
3/25/95	U-5	44,000	390	960	1,500	7,600
12/24/94	U-5	8,700	560	70	670	430
9/22/94	U-5	170	8.4	10	8.5	18
6/22/94	U-5	210	7.1	13	4.5	26

TABLE 3 (Continued)

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes
9/19/95	U-6▼	ND	ND	ND	ND	ND
6/21/95	U-6	ND	ND	ND	ND	ND
3/25/95	U-6	47,000	450	1,300	1,700	8,200
12/24/94	U-6	6,900	500	59	600	380
9/22/94	U-6	130	1.3	0.80	ND	0.73
6/22/94	U-6	ND	ND	ND	ND	ND

♦ Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be gasoline.

♦♦ Sequoia Analytical Laboratory reported that the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.

* The positive result for gasoline does not appear to have a typical gasoline pattern.

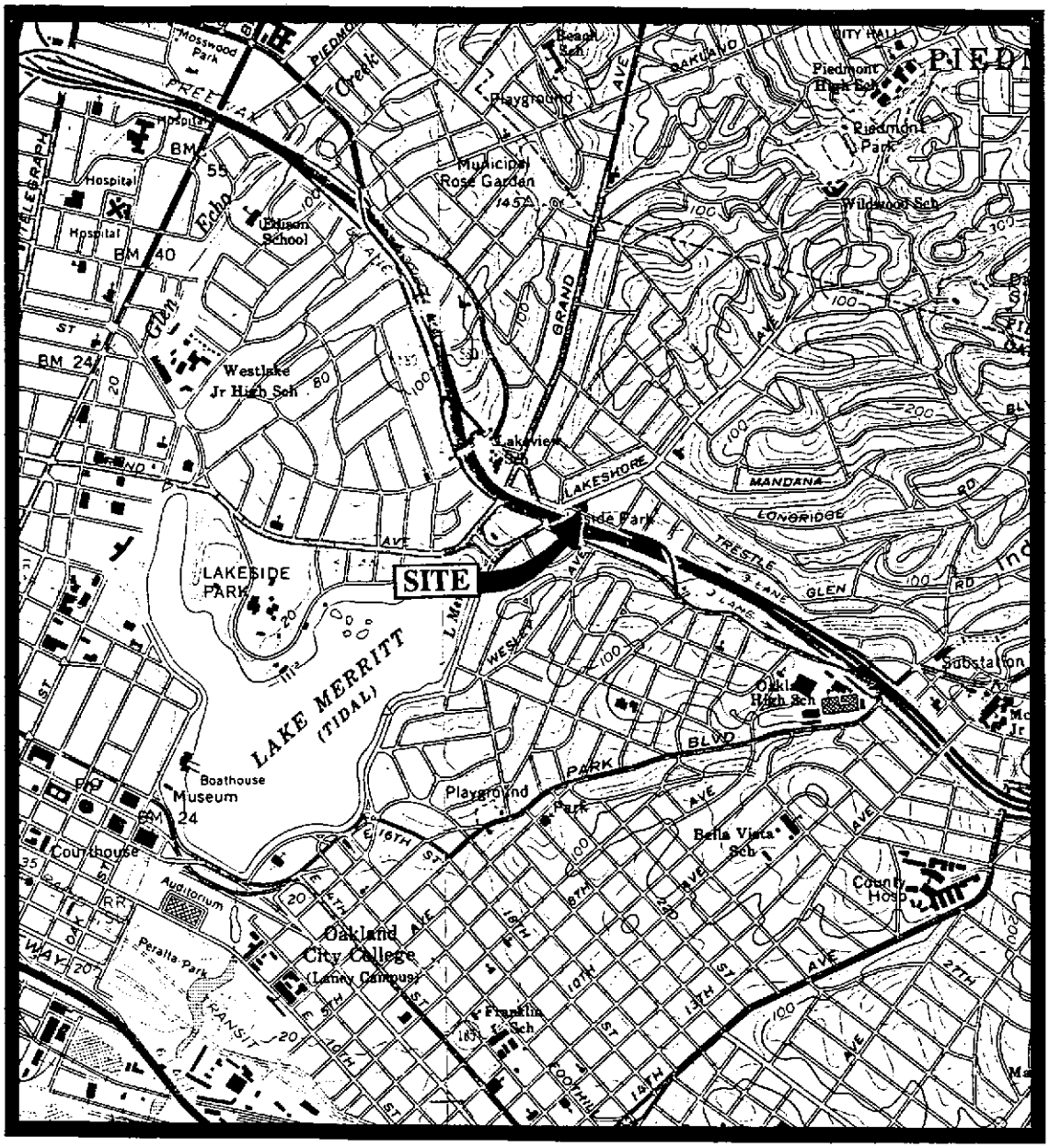
** The concentration reported as gasoline is primarily due to the presence of a combination of gasoline and a discrete peak not indicative of gasoline.

▼ Sequoia Analytical Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.

ND = Non-detectable.

Results are in micrograms per liter (µg/L), unless otherwise indicated.

Note: Laboratory analyses data prior to November 16, 1993, were provided by GeoStrategies, Inc.

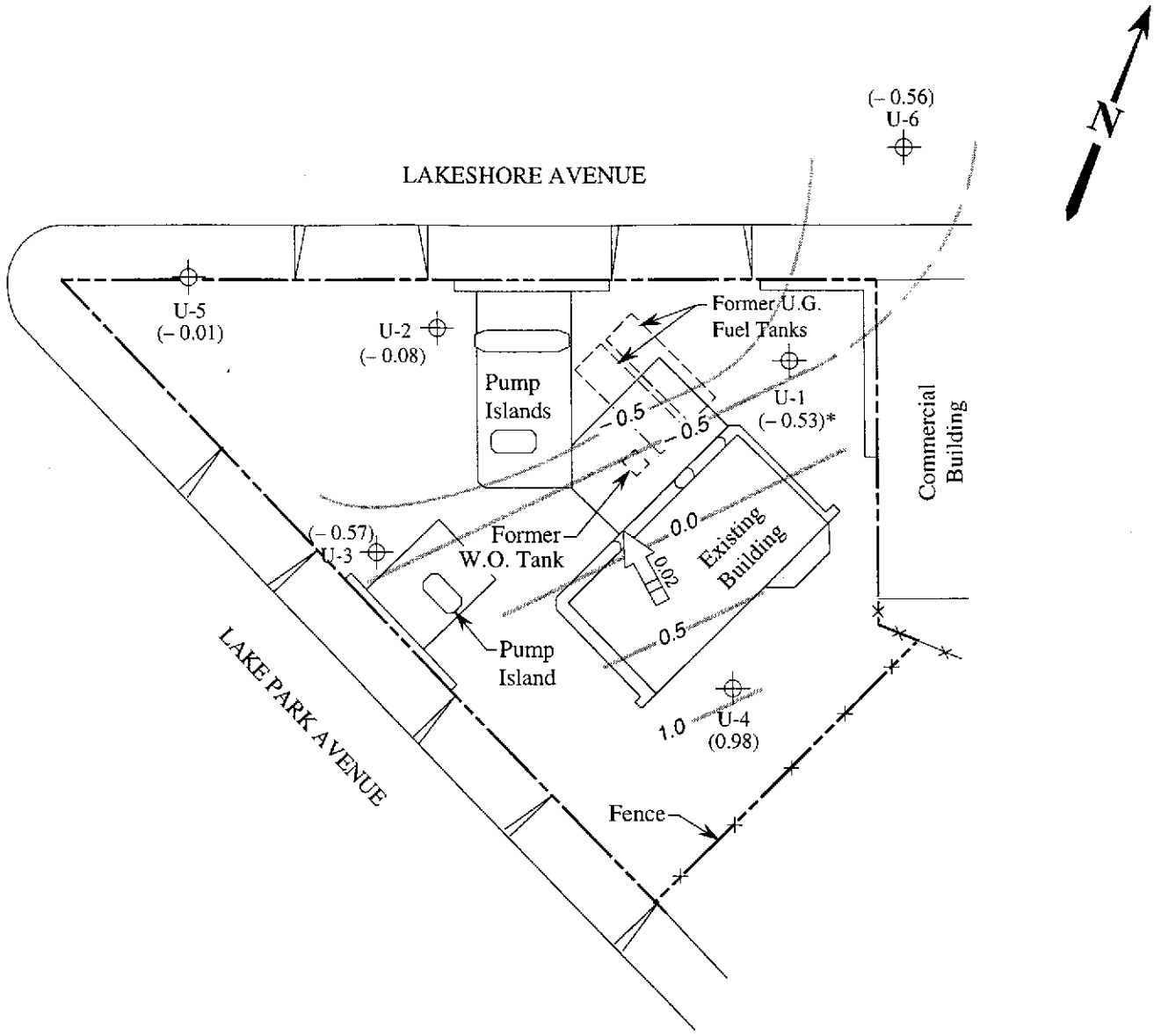


Base modified from 7.5 minute U.S.G.S.
Oakland East and West Quadrangles
(both photorevised 1980)

0 2000 4000

Approx. scale feet

mpds SERVICES, INCORPORATED	**UNOCAL SERVICE STATION #5325** **3220 LAKESHORE AVENUE** **OAKLAND, CALIFORNIA**	**LOCATION MAP**



LEGEND

- Monitoring well
- ( ) Ground water elevation relative to Mean Sea Level
- #.## Direction of ground water flow with approximate hydraulic gradient
- Contours of ground water elevation
- * Ground water elevation corrected due to the presence of free product

0 40 80

Approx. scale feet

POTENTIOMETRIC SURFACE MAP FOR THE SEPTEMBER 19, 1995 MONITORING EVENT

mpds SERVICES, INCORPORATED

UNOCAL SERVICE STATION #5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

FIGURE
1

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

MPDS Services	Client Project ID:	Unocal #5325, 3220 Lakeshore Ave., Oakland	Sampled:	Sep 19, 1995
2401 Stanwell Dr., Ste. 300	Matrix Descript:	Water	Received:	Sep 19, 1995
Concord, CA 94520	Analysis Method:	EPA 5030/8015 Mod./8020	Reported:	Oct 5, 1995
Attention: Sarkis Karkarian	First Sample #:	509-1636		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Purgeable Hydrocarbons µg/L	Benzene µg/L	Toluene µg/L	Ethyl Benzene µg/L	Total Xylenes µg/L
509-1636	U2	3,000	610	ND	78	240
509-1637	U3	ND	ND	ND	ND	ND
509-1638	U4	ND	ND	ND	ND	ND
509-1639	U5	850	14	7.1	13	66
509-1640	U6	ND	ND	ND	ND	ND
509-1641	ES1	ND	ND	ND	ND	ND
509-1642	ES2	ND	ND	2.8	ND	1.0
509-1643	ES3	ND	ND	2.0	ND	0.53
Detection Limits:		**50**	**0.50**	**0.50**	**0.50**	**0.50**

Total Purgeable Petroleum Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as ND were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

MPDS Services	Client Project ID:	Unocal #5325, 3220 Lakeshore Ave., Oakland	Sampled:	Sep 19, 1995
2401 Stanwell Dr., Ste. 300	Matrix Descript:	Water	Received:	Sep 19, 1995
Concord, CA 94520	Analysis Method:	EPA 5030/8015 Mod./8020	Reported:	Oct 5, 1995
Attention: Sarkis Karkarian	First Sample #:	509-1636		

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Chromatogram Pattern	DL Mult. Factor	Date Analyzed	Instrument ID	Surrogate Recovery, % QC Limits: 70-130
509-1636	U2	Gasoline	10	10/3/95	HP-9	76
509-1637	U3	--	1.0	10/3/95	HP-9	101
509-1638	U4	--	1.0	10/3/95	HP-9	100
509-1639	U5	Gasoline	1.0	10/3/95	HP-9	88
509-1640	U6	--	1.0	10/3/95	HP-9	99
509-1641	ES1	--	1.0	10/3/95	HP-9	93
509-1642	ES2	--	1.0	10/3/95	HP-9	99
509-1643	ES3	--	1.0	10/4/95	HP-2	91

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Sarkis Karkarian

Client Project ID: Unocal #5325, 3220 Lakeshore Ave., Oakland
Matrix: Liquid
QC Sample Group: 5091636-43
Reported: Oct 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	K.Nill	K.Nill	K.Nill	K.Nill
MS/MSD Batch#:	5091382	5091382	5091382	5091382
Date Prepared:	10/3/95	10/3/95	10/3/95	10/3/95
Date Analyzed:	10/3/95	10/3/95	10/3/95	10/3/95
Instrument I.D.#:	HP-9	HP-9	HP-9	HP-9
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Matrix Spike % Recovery:	110	110	115	23
Matrix Spike Duplicate % Recovery:	115	120	115	126
Relative % Difference:	4.4	8.7	0.0	2.7
LCS Batch#:	4LCS100395	4LCS100395	4LCS100395	4LCS100395
Date Prepared:	10/3/95	10/3/95	10/3/95	10/3/95
Date Analyzed:	10/3/95	10/3/95	10/3/95	10/3/95
Instrument I.D.#:	HP-9	HP-9	HP-9	HP-9
LCS % Recovery:	109	112	111	122
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Sarkis Karkarian

Client Project ID: Unocal #5325, 3220 Lakeshore Ave., Oakland
Matrix: Liquid
QC Sample Group: 5091636-43
Reported: Oct 5, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	M. Creusere	M. Creusere	M. Creusere	M. Creusere
MS/MSD Batch#:	5092002	5092002	5092002	5092002
Date Prepared:	10/4/95	10/4/95	10/4/95	10/4/95
Date Analyzed:	10/4/95	10/4/95	10/4/95	10/4/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Matrix Spike % Recovery:	115	110	115	112
Matrix Spike Duplicate % Recovery:	115	110	115	115
Relative % Difference:	0.0	0.0	0.0	2.9
LCS Batch#:	1LCS100495	1LCS100495	1LCS100495	1LCS100495
Date Prepared:	10/4/95	10/4/95	10/4/95	10/4/95
Date Analyzed:	10/4/95	10/4/95	10/4/95	10/4/95
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	102	98	104	100
% Recovery Control Limits:	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Please Note:
The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

MPDS Services
2401 Stanwell Dr., Ste. 300
Concord CA 94520
Attention: Sarkis Karkarian

Date: 10/6/95

Sequoia Analytical has potentially identified the presence of MTBE at reportable levels for the following site(s):

Client Project I.D. - **Unocal #5325- Oakland**

Sequoia Work Order # - **9509348**

Sample Number:	Sample Description:
5091636	U2
5091637	U3
5091639	U5
5091640	U6

SEQUOIA ANALYTICAL, #1271

Alan B. Kemp
Project Manager

mpds SERVICES, INCORPORATED
2401 Stanwell Drive, Suite 400
Concord, California 94520
Tel: (510) 602-5100, Fax: (510) 689-1918

CHAIN OF CUSTODY

9509348

SAMPLER: RAY MARANGOSIAN

WITNESSING AGENCY:

UNOCAL S/S # 5325 CITY: OAKLAND

ADDRESS: 3220 Lakeshore Ave

ANALYSES REQUESTED

TURN AROUND TIME: REGULAR

SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-GAS BTEX	TPH-DIESEL	TOG	8010					REMARKS
U2	9.19.95	12:30	X	X		2	Well	X		5091636		AB				
U3	"	13:45	X	X		"	"	X		5091637						
U4	"	14:45	X	X		"	"	X		5091638						
U5	"	11:00	X	X		3	"	X		5091639						
U6	"	10:15	X	X		2	"	X		5091640						

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Ray Marangosian	9-19-95 1600		9/19/95 1600
(SIGNATURE)	9-21-95 0850	(SIGNATURE)	1330 9-21
(SIGNATURE)	9-21	(SIGNATURE)	15:34 9-21-95
(SIGNATURE)		(SIGNATURE)	
(SIGNATURE)		(SIGNATURE)	

THE FOLLOWING MUST BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:

1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? Yes
2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? Yes
3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? no
4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? Yes

SIGNATURE: TITLE: Analyst DATE: 9/19/95

Note: All water containers to be sampled for TPHG/BTEX, 8010 & 8240 are preserved with HCL. All water containers to be sampled for Lead or Metals are preserved with HNO3. All other containers are unpreserved.

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CHAIN OF CUSTODY

9509348

SAMPLER: RAY MARANGOSIAN

WITNESSING AGENCY:

UNOCAL S/S # 5325 CITY: OAKLAND

ADDRESS: 3220 Lakeshore Ave

SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-GAS BTEX	TPH-DIESEL	TOG	8010				
ES 1	9.15.95		X	X		1		X		5091641					
ES 2	"		X	X		1		X		5091642					
ES 3	"		X	X		1		X		5091643					

ANALYSES REQUESTED

TURN AROUND TIME: REGULAR

REMARKS

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Ray Marangosian	9.15.95 16:15:00		9/19/95 1600
(SIGNATURE)	9-21-95 0850	(SIGNATURE)	1330 9-21
(SIGNATURE)	9-21	(SIGNATURE)	15:20 9-21-95
(SIGNATURE)		(SIGNATURE)	
(SIGNATURE)		(SIGNATURE)	

THE FOLLOWING MUST BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:

1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? yes
2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? yes
3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? no
4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? yes

SIGNATURE: TITLE: Analyst DATE: 9/19/95

Note: All water containers to be sampled for TPHG/BTEX, 8010 & 8240 are preserved with HCL. All water containers to be sampled for Lead or Metals are preserved with HN03. All other containers are unpreserved.