

December 11, 1995

Alameda County Health Care Services 1131 Harbor Bay Parkway Alameda, CA 94502

RE: Unocal Service Station #7004 15599 Hesperian Boulevard San Leandro, California

Per the request of the Unocal Corporation Project Manager, Mr. Adadu Yemane, enclosed please find our report (MPDS-UN7004-08) dated November 7, 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) 277-2383.

Sincerely,

MPDS Services, Inc.

Jarrel F. Crider

/jfc

Enclosure

cc: Mr. Adadu Yemane



MPDS-UN7004-08 November 7, 1995

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

Attention: Mr. Adadu Yemane

RE: Quarterly Data Report

Unocal Service Station #7004 15599 Hesperian Boulevard San Leandro, California

Dear Mr. Yemane:

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 October 12, 1995. Prior to sampling, the wells were each purged of between 7 and 8 gallons of water. 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. Field blank and Trip blank samples (denoted as ES1 and ES3 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 2. 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.

MPDS-UN7004-08 November 7, 1995 Page 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, and to Mr. Michael Bakaldin of the City of San Leandro Fire Department.

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

JOEL G. GREGER No. 66 1633 CENTIFIED ELISINEENING

Sincerely,

MPDS Services, Inc.

Haig (Gary) Tejirian Senior Staff Geologist

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

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

/bp

Attachments: Tables 1 & 2

Location Map Figures 1 & 2

Laboratory Analyses

Chain of Custody documentation

cc: Mr. Timothy R. Ross, Kaprealian Engineering, Inc.

TABLE 1
SUMMARY OF MONITORING DATA

70 0000 7700000000000000000000000000000					2015 da vanno nomo anno anno anno						
	Ground Water Elevation	Depth to Water	Total Well Depth	Product Thickness		Water Purged					
Well_#	(feet)	(feet)◆	(feet)◆_	_(feet)	Sheen	(qallons)					
(500,000,000,000,000,000,000,000,000,000			×4.	2000-0-1	(960 <del>000000,000000000000</del> 88)	88					
	(Moni	tored and Sam	pled on Octo	ber 12, 1995	)						
MW1*	22.10	14.29	24.17	0		0					
MW2*	22.19	14.88	24.34	0		0					
MW3	21.98	14.81	24.65	0	No	7					
MW4*	21.85	13.59	25.60	0		0					
MW5	21.79	15.02	26.07	0	No	8					
MW6*	21.96	15.17	25.57	0		0					
(Monitored and Sampled on July 14, 1995)											
MW1	23.46	12.93	24.20	0	No	8					
MW2	23.46	13.55	24.20	0	NO No	7.5					
MW3	23.32	13.46	24.38	-		8					
MW4	23.33		24.69	0	No No						
MW5	23.12	12.23 13.69	25.63	0	No No	9.5					
MW6	23.12	13.87	25.60	0	NO No	8.5 8					
IAMO	23.26	13.07	25.60	U	NO	0					
	(Mo	nitored and S	ampled on Ap	ril 5, 1995)							
MW1*	24.63	11.76	24.70	0		0					
MW2*	24.95	12.12	24.75	0		0					
MM3	24.76	12.03	25.11	0	No	9					
MW4 *	24.39	11.05	25.94	0		0					
MW5	25.09	11.72	26.25	0	No	10					
MW6*	24.99	12.14	25.97	0		0					
	(Mon	itored and Sa	mpled on Jan	uary 5, 1995)	)						
MW1	21.71	14.68	24.20	0	No	7					
MW2	21.71	15.30	24.20	0	No No	7					
MW3	21.67	15.12	24.70	0	No	7					
MW4	21.61	13.83	25.64	0	No.	8.5					
MW5	21.61	15.20	26.12	0	No	8					
MW6	21.71	15.42	25.60	0	No	7.5					
11110	22.12	10.14	23.00	u,	110	,					

## TABLE 1 (Continued)

### SUMMARY OF MONITORING DATA

Well #	Well Casing Elevation (feet)**
MW1	36.39
MW2	37.07
MW3	36.79
MW4	35.44
MW5	36.81
MW6	37.13

- The depth to water level and total well depth measurements were taken from the top of the well casings.
- \* Monitored only.
- \*\* The elevations of the top of the well casings are relative to Mean Sea Level (MSL), based on the City of San Leandro Benchmark (elevation = 36.04 feet MSL).
- -- Sheen determination was not performed.

TABLE 2
SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasolin		Toluene	Ethyl- <u>benzene</u>	Xylenes	MTBE
545.48586868. <del>555.44.46.55</del> .55556.66				191 tagya ya sanga masarang masa (1920)	31331		
10/12/95	MW1	SAMPLED	SEMI-ANNUALLY				
7/14/95	MW1	ND	0.65	2.2	ND	2.3	
1/05/95	MW1	ND	ND	ND	ND	ND	
10/06/94	MW1	SAMPLED	SEMI-ANNUALLY				
7/08/94	MW1	ND	ND	ND	ND	ND	
4/06/94	MW1	SAMPLED	SEMI-ANNUALLY				
1/11/94	MW1	ND	ND	ND	ND	ND	
7/22/93	MW1	ND	ND	ND	${f N}{f D}$	ND	77
4/20/93	MW1		··· ···				56
1/21/93	MW1	ND	ND	ND	ND	ND	42
10/28/92	MW1	SAMPLED	SEMI-ANNUALLY				
7/09/92	MW1	70*	ND	ND	ND	ND	130
4/14/92	MWl	76*	ND	$\mathbf{N}$ D	$\mathbf{N}$ D	ND	<del>-</del> -
1/14/92	MW1	ND	$\mathtt{N}\mathtt{D}$	ND	$\mathbf{N}$ D	ND	
10/14/91	MW1	ND	ND	ND	ND	ND	
7/23/91	MW1	ND	ND	ND	ND	ND	<del>-</del> -
5/04/91	MW1	ND	ND	ND	ND	ND	<del>-</del> -
10/12/95	MW2	SAMPLED	SEMI-ANNUALLY				
7/14/95	MW2	86*	ND	ND	ND	ND	
1/05/95	MW2	310*	ND	ND	ND	ND	
10/06/94	MW2	SAMPLED	SEMI-ANNUALLY				
7/08/94	MW2	140*	ND	ND	ND	ND	
4/06/94	MW2	SAMPLED	SEMI-ANNUALLY				
1/11/94	MW2	120*	ND	ND	ND	ND	
7/22/93	MW2	62*	ND	ND	ND	ND	42
4/20/93	MW2						80
1/21/93	MW2	ND	ND	ND	ND	$\mathbf{N}$ D	17
10/28/92	MW2	SAMPLED	SEMI-ANNUALLY				
7/09/92	MW2	ND	ND	ND	ND	ND	49
4/14/92	MW2	45*	ND	ND	ND	ND	
1/14/92	MW2	ND	ND	ND	ND	ND	
10/14/91	MW2	ND	ND	ND	ND	ND	
7/23/91	MW2	ND	ND	ND	ND	ND	
5/04/91	MW2	ND	ND	ND	ND	ND	

TABLE 2 (Continued)

# SUMMARY OF LABORATORY ANALYSES WATER

		TPH as			Ethyl-		\$130.000.000
Date	Well #	Gasoline	Benzene	Toluene	benzene	Xylenes	MTBE
**************************************	1995	200000	3373335		3335		
10/12/95	MW3▼	17,000	1,000	$\mathbf{N}$ D	3,600	1,000	
7/14/95	MW3	21,000	1,600	$\mathbf{N}$ D	3,900	1,500	
4/05/95	MW3	18,000	2,100	ND	3,700	690	
1/05/95	MW3	20,000	2,100	ND	3,200	3,800	
10/06/94	MW3	20,000	2,100	26	3,000	900	
7/08/94	MW3	18,000	2,200	25	2,500	860	
4/06/94	MW3	24,000	3,100	ND	3,300	820	
1/11/94	MW3	19,000	3,300	31	3,300	890	
10/06/93	MW3	24,000	4,100	ND	3,600	2,000	ND
7/22/93	MW3	16,000	4,500	17	3,600	1,900	440
4/20/93	MW3	18,000	3,700	11	2,300	1,300	410
1/21/93	MW3	12,000	2,800	11	1,600	590	
10/28/92	MW3	15,000	4,400	<b>1</b> 5	2,400	800	
7/09/92	MW3	13,000	3,200	12	1,900	1,100	
4/14/92	MW3	16,000	3,400	19	1,400	1,300	
1/14/92	MW3	13,000	6,600	19	2,600	1,800	
10/14/91	MW3	25,000	6,300	78	2,000	1,400	
7/23/91	MW3	17,000	5,500	26	1,800	2,800	
5/04/91	MW3	34,000	6,100	32	1,200	6,100	
10/12/95	MW4	SAMPLED SI	EMI-ANNUALLY				
7/14/95	MW4	ND	ND	ND	ND	ND	
1/05/95	MW4	ND	ND	ND	ND	ND	
10/06/94	MW4		EMI-ANNUALLY				
7/08/94	MW4	$\mathbf{N}$ D	ND	ND	ND	ND	
4/06/94	MW4	SAMPLED S	EMI-ANNUALLY				
1/11/94	MW4	ND	ND	ND	ND .	ND	
7/22/93	MW4	ND	ND	ND	ND	ND	54
4/20/93	MW4						65
1/21/93	MW4	ND	ND	ND	ND	ND	
10/28/92	MW4	SAMPLED S	EMI-ANNUALLY				
7/09/92	MW4	ND	ND	ND	ND	ND	- <del>-</del>
4/14/92	MW4	ND	ND	$\mathbf{N}$ D	ND	ND	
1/14/92	MW4	ND	ND	ND	ND	ND	
10/14/91	MW4	ND	ND	ND	ND	ND	
7/23/91	MW4	ND	ND	ND	ND	ND	

TABLE 2 (Continued)

# SUMMARY OF LABORATORY ANALYSES WATER

010010000000000000000000000000000000000	000000000000000000000000000000000000000	·······	**************************************	or sor sor sor soered hobbs aborners.	0000 100 100 <u>000</u> 100 1 <b>-1</b> 00 1000 <b>-1</b> 0000 100 -200 -40		
<u>Date</u>	Well	TPH as <u>Gasolir</u>		Toluene	Ethyl- <u>benzene</u>	<u>Xylenes</u>	MTBE
Pace	METT	m Gaboli.	ie <u>benzene</u>	TOTACHE	Delizene	varenes	MIDD
10/12/95	MW5▼	310	ND	ND	31	1.2	
7/14/95	MW5	180	1.3	ND	7.9	ND	
4/05/95	MW5	ND	ND	ND	ND	ND	
1/05/95	MW5	85	ND	ND	ND	ND	
10/06/94	MW5	350	1.3	ND	ND	ND	
7/08/94	MW5	200	ND	ND	ND	ND	
4/06/94	MW5	260	1.4	ND	0.88	ND	
1/11/94	MW5	160	ND	0.79	0.54	ND	
10/06/93	MW5	150	1.1	ND	3.1	0.85	57
7/22/93	MW5	59**	ND	ND	2.6	ND	42
4/20/93	MW5	99*	ND	ND	ND	ND	120
1/21/93	MW5	100*	ND	ND	ND	ND	160
10/28/92	MW5	$\mathbf{N}$ D	ND	ND	ND	ND	45
7/09/92	MW5	ND	ND	ND	ND	ND	71
4/14/92	MW5	86*	ND	ND	ND	ND	
1/14/92	MW5	60*	ND	ND	ND	ND	
10/14/91	MW5	140	0.72	ND	1.3	0.89	
7/23/91	MW5	260	1.2	0.39	10	0.71	
			<b></b>				
10/12/95	MW6	SAMPLED	SEMI-ANNUALLY				
7/14/95	MW6	ND	ND	ND	ND	ND	
1/05/95	MW6	ND	ND	ND	ND	ND	
10/06/94	MW6	SAMPLED	SEMI-ANNUALLY				
7/08/94	MW6	ND	ND	ND	ND	ND	
4/06/94	MW6	SAMPLED	SEMI-ANNUALLY				
1/11/94	MW6	ND	ND	ND	ND	ND	
7/22/93	MW6	ND	ND	ND	ND	ND	ND
4/20/93	MW6						ND
1/21/93	MW6	ND	ND	ND	ND	ND	
10/28/92	MW6	SAMPLED	SEMI-ANNUALLY			3770	
7/09/92	MW6	ND	ND	ND	ND	ND	
4/14/92	MW6	ND	ND	ND	ND	ND	
1/14/92	MW6	ND	ND	ND	ND	ND	
10/14/91	MW6	ND	ND	ND	ND	ND	
7/23/91	MW6	ND	ND	ND	ND	ND	

#### TABLE 2 (Continued)

# SUMMARY OF LABORATORY ANALYSES WATER

MTBE = Methyl tert butyl ether.

- ▼ Sequoia Analytical Laboratory has potentially identified the presence of MTBE at reportable levels in the ground water sample collected from this well.
- \* 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.

ND = Non-detectable.

-- Indicates analysis was not performed.

Results are in micrograms per liter  $(\mu g/L)$ , unless otherwise indicated.

Note: Laboratory analyses data prior to January 11, 1994, were provided by Kaprealian Engineering, Inc.





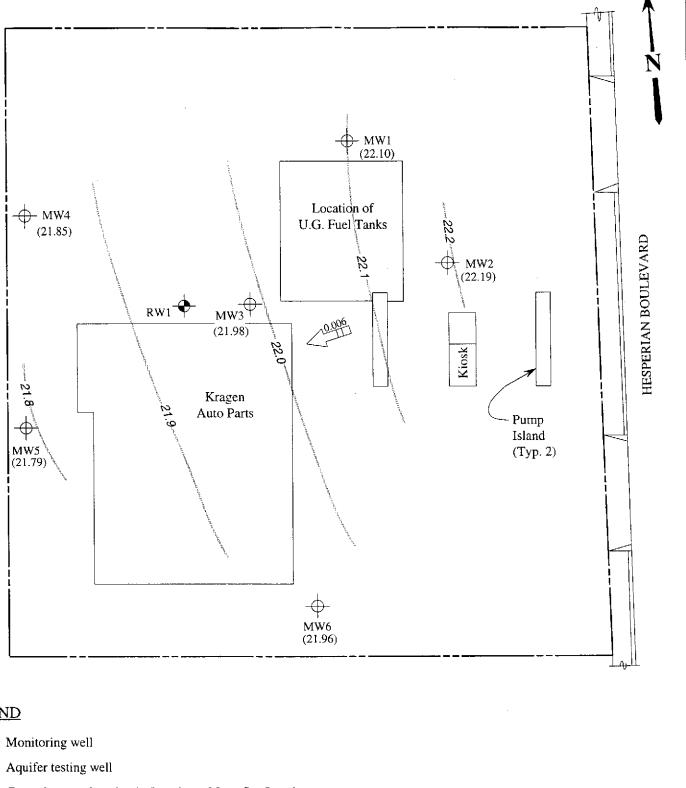
Base modified from 7.5 minute U.S.G.S. Hayward and San Leandro Quadrangles (both photorevised 1980)

0 2000 4000
Approx. scale feet



UNOCAL SERVICE STATION #7004 15599 HESPERIAN BOULEVARD SAN LEANDRO, CALIFORNIA

LOCATION MAP



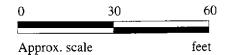
# **LEGEND**

- Monitoring well

( ) Ground water elevation in feet above Mean Sea Level

Direction of ground water flow with approximate hydraulic gradient

Contours of ground water elevation

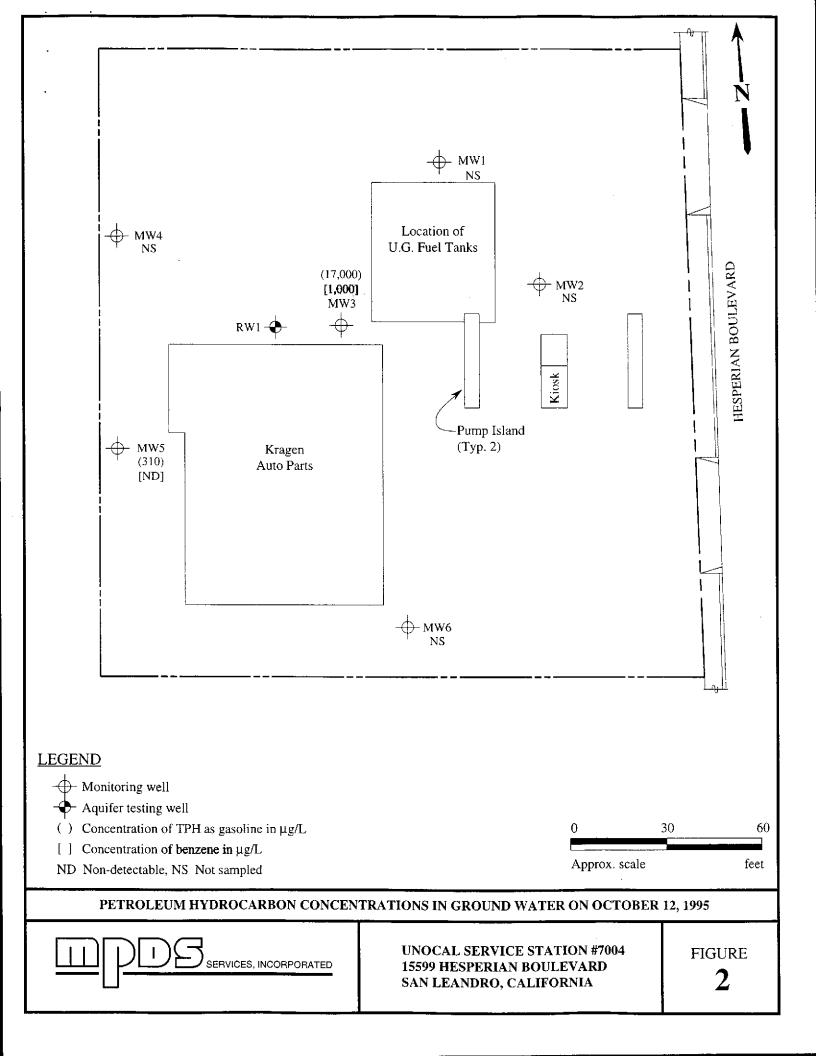


# POTENTIOMETRIC SURFACE MAP FOR THE OCTOBER 12, 1995 MONITORING EVENT



**UNOCAL SERVICE STATION #7004** 15599 HESPERIAN BOULEVARD SAN LEANDRO, CALIFORNIA

**FIGURE** 





Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

MPDS Services

2401 Stanwell Dr., Ste. 300 Concord, CA 94520

Attention: Sarkis Karkarian

Client Project ID: Unocal #7004, 15599 Hesperian Blvd.,

San Leandro

Sampled:

Oct 12, 1995 Oct 12, 1995

Matrix Descript: Analysis Method:

Water EPA 5030/8015 Mod./8020 Received: Reported:

Nov 1, 1995

First Sample #:

510-1220

# TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Purgeable Hydrocarbons $\mu \mathrm{g}/\mathrm{L}$	<b>Benzene</b> μg/L	<b>Toluene</b> μg/L	Ethyl Benzene μg/L	$\begin{array}{c} \textbf{Total} \\ \textbf{Xylenes} \\ \mu \textbf{g}/\textbf{L} \end{array}$
510-1220	MW 3	17,000	1,000	ND	3,600	1,000
510-1221	MW 5	310	ND	ND	31	1.2
510-1222	ES 1	ND	ND	ND	ND	ND
510-1223	ES 3	ND	ND	ND	ND	ND

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





Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

MPDS Services 2401 Stanwell Dr., Ste. 300 Concord, CA 94520

Matrix Descript:

Client Project ID: Unocal #7004, 15599 Hesperian Blvd., Sampled: Water

San Leandro EPA 5030/8015 Mod./8020

Oct 12, 1995 Received: Oct 12, 1995

Attention: Sarkis Karkarian

Analysis Method: First Sample #:

Reported: Nov 1, 1995

### TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

510-1220

Sample Number	Sample Description	Chromatogram Pattern	DL Mult. Factor	Date Analyzed	instrument ID	Surrogate Recovery, % QC Limits: 70-130
510-1220	MW 3	Gasoline	100	10/25/95	HP-9	83
510-1221	MW 5	Gasoline	1.0	10/27/95	HP-2	101
510-1222	ES 1		1.0	10/25/95	HP-9	84
510-1223	ES 3		1.0	10/25/95	HP-9	82

**SEQUOIA ANALYTICAL, #1271** 

Signature on File

Alan B. Kemp Project Manager





Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

MPDS Services

2401 Stanwell Dr., Ste. 300 Concord, CA 94520 Attention: Sarkis Karkarian Client Project ID:

Unocal #7004, 15599 Hesperian Blvd., San Leandro

Matrix: Liquid

QC Sample Group: 5101220-23

Reported: 

Nov 1, 1995

## **QUALITY CONTROL DATA REPORT**

ANALYTE	Benzene	Toluene	Ethyl	Xylenes	·
			Benzene		
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	
MS/MSD					
Batch#:	5100954	5100954	5100954	5100954	
Date Prepared:	10/25/95	10/25/95	10/25/95	10/25/95	
Date Analyzed:	10/25/95	10/25/95	10/25/95	10/25/95	
strument I.D.#:	HP-9	HP-9	HP-9	HP-9	
Conc. Spiked:	20 μg/L	20 μg/L	$20\mu\mathrm{g/L}$	60 μg/L	
Matrix Spike					
% Recovery:	90	95	90	100	
Matrix Spike					
Duplicate %					
Recovery:	90	95	95	103	
Relative %					
Difference:	0.0	0.0	5.4	3.3	

LCS Batch#:	4LCS102595	4LCS102595	4LCS102595	4LCS102595
Date Prepared:	10/25/95	10/25/95	10/25/95	10/25/95
Date Analyzed:	10/25/95	10/25/95	10/25/95	10/25/95
Instrument I.D.#:	HP-9	HP-9	HP-9	HP-9
LCS %				
Recovery:	104	109	108	116
% Recovery			<del></del>	
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.



Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834

(415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

MPDS Services

2401 Stanwell Dr., Ste. 300 Concord, CA 94520

Client Project ID:

Unocal #7004, 15599 Hesperian Blvd., San Leandro 

Matrix:

Liquid

Attention: Sarkis Karkarian

QC Sample Group: 5101220-23 

Reported:

Nov 1, 1995

## **QUALITY CONTROL DATA REPORT**

ANALYTE	Benzene	Toluene	Ethyl	Xylenes	1
			Benzene		
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	
MS/MSD					
Batch#:	5101778	5101778	5101778	5101778	
Date Prepared:	10/27/95	10/27/95	10/27/95	10/27/95	
Date Analyzed:	10/27/95	10/27/95	10/27/95	10/27/95	
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2	
Conc. Spiked:	$20\mu\mathrm{g/L}$	$20\mu\mathrm{g/L}$	$20\mu\mathrm{g/L}$	60 μg/L	
Matrix Spike					
% Recovery:	90	100	110	110	
Matrix Spike Duplicate % Recovery:	95	105	115	117	
Relative %		•			
Difference:	5.4	4.9	4.4	5.9	
LCS Batch#:	1LC\$102795	1LCS102795	1LCS102795.	1LCS102795	
Date Prepared:	10/27/95	10/27/95	10/27/95	10/27/95	
Date Analyzed:	10/27/95	10/27/95	10/27/95	10/27/95	

HP-2

110

72-130

Please	ī

HP-2

111

71-133

Signature on File

Alan B. Kemp Project Manager

Instrument I.D.#:

LCS % Recovery:

SEQUOIA ANALYTICAL, #1271

% Recovery Control Limits:

HP-2

106

72-128

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.

HP-2

108

71-120





Redwood City, CA 94063 Walnut Creek, CA 94598 Sacramento, CA 95834 (415) 364-9600 (510) 988-9600 (916) 921-9600 FAX (415) 364-9233 FAX (510) 988-9673 FAX (916) 921-0100

MPDS Services

2401 Stanwell Dr., Ste. 300 Concord CA 94520 Attention: Sarkis Karkarian Date: 11/1/95

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

Client Project I.D. - Unocal #7004- San Leandro

Sequoia Work Order # - 9510263

Sample Number:

**Sample Description:** 

5101220

MW3

5101221

MW5

**SEQUOIA ANALYTICAL, #1271** 

Alaif B. Kemp \
Project Manager

Project Manager

## CHAIN OF CUSTODY

9510263.

Tel: (510) 602-5100, Fax: (510) 689-1918 UNOCAL SIS # 7004 CITY: San Leandra ANALYSES REQUESTED SAMPLER TURN AROUND TIME: VARTKES TASHDJIAN Regular. ADDRESS: 15599 Hespesian Blud. TPH-DIESEL WITNESSING AGENCY TOG REMARKS SAMPLING WATER GRAB COMP LOCATION NO. OF CONT. DATE TIME SAMPLE ID NO. z VOA 3:15 5101220 AB MW3 10/12/98 5101221 2:40 MW5 PM THE FOLLOWING MUST BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES: DATE/TIME RECEIVED BY: DATE/TIME RELINQUISHED BY: 10/12/95 10/12/95 1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? 615 2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? (SIGNATURE) 14:00 3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? \_\_\_\_\_\_\_ (SIGNATURE) (SIGNATURE) 10-15-9 4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? (SIGNATURE) SIGNATURE: (SIGNATURE) ISIGNATURE

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.



# CHAIN OF CUSTODY

9510263

ANALYSES REQUESTED UNOCAL SAMPLER TURN AROUND TIME: S/S # 7004 CITY: San Leandro
ADDRESS: 15599 Hesperian Bld. VARTKES TASHDJIAN TPH-GAS BTEX Regular TPH-DIESEL WITNESSING AGENCY TOG 8010 REMARKS SAMPLING LOCATION WATER GRAB COMP TIME NO. OF CONT. DATE SAMPLE ID NO. 5101222 7:45 1 VOA χ 10/12/95 ES 1.  $\chi$ AM 5101223 7:40 ES3 AM. THE FOLLOWING MUST BE COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES: DATE/TIME RECEIVED BY: RELINQUISHED BY: DATE/TIME 10/12/95 1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? (SIBNATURE) 3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? \_\_\_\_\_ (SIGNATÜRÉ) 14.00 (SIGNATURE) 10-13-9 4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? (SIGNATURE) SIGNATURE: ISIGNATUREI (SIGNATURE)

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.