

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS

SERVICES, INCORPORATED

ALSO
HAZ. MAT

94 AUG 25 PM 3:44

August 25, 1994

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

RE: Unocal Service Station #3538
411 W. MacArthur Boulevard
Oakland, California

94609

Per the request of the Unocal Corporation Project Manager, Mr. Tim Howard, enclosed please find our report (MPDS-UN3538-03) dated August 9, 1994, 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) 277-2354.

Sincerely,

MPDS Services, Inc.

Brenda Pepito
Brenda Pepito

/bp

Enclosure

cc: Mr. Tim Howard

*Called MPDS (Charles Kung)
Submit reports my attention
SKH*

MPDS-UN3538-03
August 9, 1994

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

Attention: Mr. Tim Howard

RE: Quarterly Data Report
Unocal Service Station #3538
411 W. MacArthur Boulevard
Oakland, California

Dear Mr. Howard:

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 July 7, 1994. Prior to sampling, the wells were each purged of between 5 and 11 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. 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 Tables 2 and 3. The concentrations of Total Petroleum Hydrocarbons (TPH) as gasoline and benzene detected in the ground water samples collected this

MPDS-UN3538-03
August 9, 1994
Page 2

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

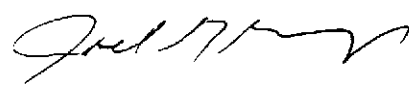
A copy of this report should be sent to the Alameda County Health Care Services Agency.

If you have any questions regarding this report, please do not hesitate to call 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

/bp

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

cc: Mr. Thomas Berkins, Kaprealian Engineering, Inc.



TABLE 1

SUMMARY OF MONITORING DATA

Well #	Ground Water Elevation (feet)	Depth to Water (feet) ♦	Product Thickness (feet)	Sheen	Water Purged (gallons)	Total Well Depth (feet) ♦
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(Monitored and Sampled on July 7, 1994)

MW1	53.82	18.28	0	No	6.5	27.30
MW2	53.57	17.81	0	No	6.5	26.95
MW3	53.65	18.21	0	No	5	25.03
MW4	53.84	17.80	0	No	7.5	28.72
MW5	53.73	17.50	0	No	9	30.05
MW6	57.39	14.05	0	No	11	30.19

(Monitored and Sampled on April 9, 1994)

MW2	53.41	17.97	0	--	7	27.93
MW3	53.67	18.19	0	--	5	25.11

(Monitored and Sampled on January 12, 1994)

MW1*	53.92	18.18	0	--	0	27.34
MW2	53.30	18.08	0	No	7	28.10
MW3	53.52	18.34	0	No	5	25.12
MW4*	53.67	17.97	0	--	0	28.75
MW5	53.49	17.74	0	No	8.5	30.14
MW6	54.00	17.44	0	No	9	30.07

TABLE 1 (Continued)

SUMMARY OF MONITORING DATA

<u>Well #</u>	<u>Ground Water Elevation (feet)</u>	<u>Depth to Water (feet)◆</u>	<u>Product Thickness (feet)</u>	<u>Sheen</u>	<u>Water Purged (gallons)</u>	<u>Total Well Depth (feet)◆</u>
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(Monitored and Sampled on October 14, 1993)

MW1*	53.78	18.32	0	--	0	
MW2	53.18	18.20	0	No	6.5	
MW3	53.41	18.45	0	No	5	
MW4*	53.56	18.08	0	--	0	
MW5	53.41	17.82	0	No	8.5	
MW6	54.23	17.21	0	No	9	

<u>Well #</u>	<u>Well Casing Elevation (feet)**</u>
MW1	72.10
MW2	71.38
MW3	71.86
MW4	71.64
MW5	71.23
MW6	71.44

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

* Monitored only.

** The elevations of top of well casings are relative to Mean Seal Level (MSL), per the City of Oakland Benchmark #9NW10 (elevation = 75.50' MSL).

-- Sheen determination was not performed.

Note: Monitoring data prior to January 12, 1994, were provided by Kaprealian Engineering, Inc.

TABLE 2

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes
7/07/94	MW1	ND	ND	ND	ND	ND
	MW2	110♦	4.4	ND	ND	ND
	MW3	110♦	4.5	ND	ND	ND
	MW4	ND	ND	ND	ND	ND
	MW5	ND	ND	ND	ND	ND
	MW6	ND	ND	ND	ND	ND
4/09/94	MW2	120	10	0.88	1.1	4.9
	MW3	1,800	22	ND	140	280
1/12/94	MW2	300	7.8	3.8	1.8	10
	MW3	3,800	78	ND	180	390
	MW5	ND	ND	0.84	ND	1.6
	MW6	ND	ND	1.2	ND	2.9
10/14/93	MW2	230♦	5.3	ND	ND	2.1
	MW3	2,500	52	ND	110	250
	MW5	ND	ND	ND	ND	ND
	MW6	ND	ND	0.64	ND	ND
7/14/93	MW1	ND	2.2	2.1	1.1	6.2
	MW2	110♦	6.5	ND	ND	1.1
	MW3	6,300	190	ND	430	1,000
	MW4	ND	ND	ND	ND	ND
	MW5	ND	ND	0.57	ND	ND
	MW6	ND	0.99	2.4	ND	1.9
4/13/93	MW2	410♦♦	42	7.7	6.4	28
	MW3	12,000♦♦	290	38	760	2,300
	MW5	ND	ND	ND	ND	ND
	MW6	ND	ND	ND	ND	ND
1/08/93	MW2	510♦	ND	ND	ND	ND
	MW3	1,100♦♦	48	0.99	0.90	93
	MW5	ND	ND	ND	ND	ND
	MW6	ND	ND	ND	ND	ND

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
WATER

<u>Date</u>	<u>Well #</u>	<u>TPH as Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-Benzene</u>	<u>Xylenes</u>
11/30/92	MW5	ND	ND	ND	ND	ND
	MW6	ND	ND	ND	ND	ND
10/12/92	MW2	370	3.4	0.56	ND	11
	MW3	3,200	160	10	230	540
7/14/92	MW1	ND	ND	ND	ND	ND
	MW2	130	3.7	ND	ND	ND
	MW3	21,000	890	200	1,200	4,300
	MW4	ND	1.3	2.5	ND	1.0
4/14/92	MW2	150	6.2	ND	ND	1.4
	MW3	14,000	660	48	560	2,000
1/15/92	MW2	220	37	0.52	1.1	7.0
	MW3	3,000	590	14	310	750
10/15/91	MW2	140	44	0.56	1.5	12
	MW3	3,100	390	34	150	390
7/15/91	MW1	ND	ND	ND	ND	ND
	MW2	2,200	770	12	72	370
	MW3	9,200	1,300	230	490	1,900
	MW4	ND	ND	ND	ND	ND
4/12/91	MW1	ND	ND	ND	ND	ND
	MW2	2,200	160	4.3	23	62
	MW3	880	170	1.1	34	110
	MW4	ND	ND	ND	ND	ND
1/15/91	MW1	ND	ND	ND	ND	ND
	MW2	680	170	0.7	19	81
	MW3	3,200	460	1.5	120	270
	MW4	ND	ND	ND	--	ND

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
WATER

Date	Well #	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes
10/16/90	MW1	ND	ND	ND	ND	ND
	MW2	1,400	430	2.0	48	240
	MW3	740	210	1.4	2.5	82
	MW4	ND	ND	ND	ND	ND
7/17/90	MW1	ND	ND	ND	ND	ND
	MW2	490	76	0.59	11	46
	MW3	4,000	270	48	130	250
	MW4	ND	ND	ND	ND	ND
4/19/90	MW1	ND	ND	ND	ND	ND
	MW2	3,900	550	5.1	91	390
	MW3	3,100	600	27	54	220
	MW4	ND	ND	0.48	ND	ND
1/23/90	MW1	ND	1.5	2.3	ND	4.3
	MW2	400	73	36	10	40
	MW3	450	110	1.2	4.4	11
	MW4	ND	ND	0.40	ND	ND
9/15/89	MW1	ND	ND	0.61	ND	ND
	MW2	290	ND	12	ND	ND
	MW3	32	ND	ND	ND	ND
	MW4	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 a non-gasoline mixture.

ND = Non-detectable.

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

Note: Laboratory analyses data prior to January 12, 1994, were provided by Kaprealian Engineering, Inc.

TABLE 3

SUMMARY OF LABORATORY ANALYSES
 WATER

<u>Date</u>	<u>Well #</u>	<u>TPH as Diesel</u>	<u>Total Oil & Grease (mg/L)</u>	<u>Tetrachloro-ethene*</u>	<u>MTBE</u>
7/07/94	MW1	--	--	0.83	--
7/14/93	MW1	--	--	0.95	--
	MW2	--	--	--	250
	MW3	--	--	--	860
4/13/93	MW2	--	--	--	200
	MW3	--	--	--	1,400
7/14/92	MW1	--	--	1.4	--
7/15/91	MW1	ND	ND	1.8	--
4/12/91	MW1	ND	ND	2.0	--
1/15/91	MW1	ND	ND	2.1	--
10/16/90	MW1	ND	ND	2.0	--
7/17/90	MW1	ND	ND	1.7	--
4/19/90	MW1	ND	ND	2.2	--
1/23/90	MW1	ND	1.5	2.1	--
9/15/89	MW1	ND	ND	2.7	--

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
WATER

* All EPA method 8010 constituents were non-detectable, except for tetrachloroethene as indicated.

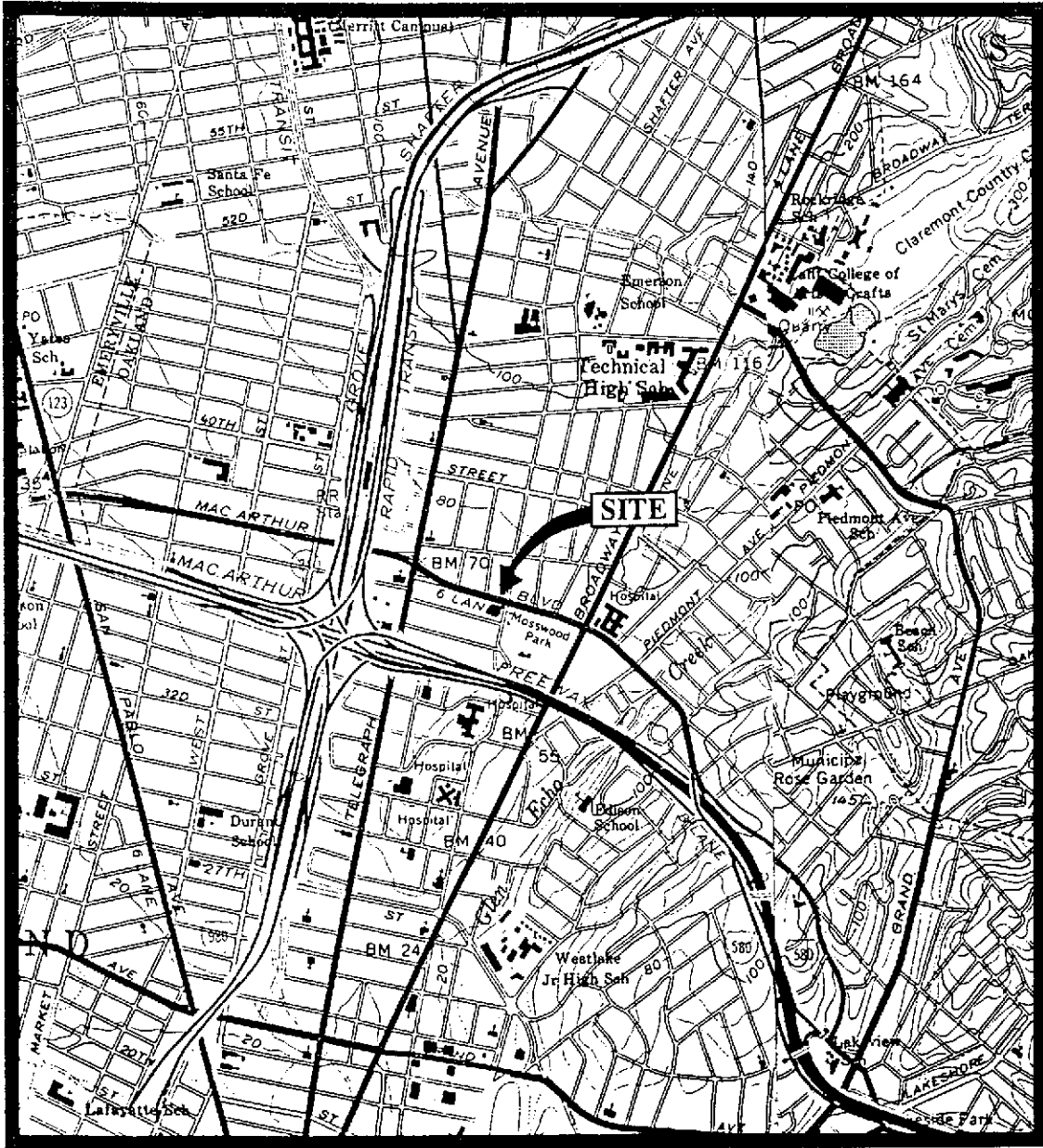
-- Indicates analysis was not performed.

ND = Non-detectable.

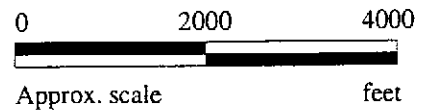
mg/L = milligrams per liter.

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

Note: Laboratory analyses data were provided by Kaprealian Engineering, Inc.



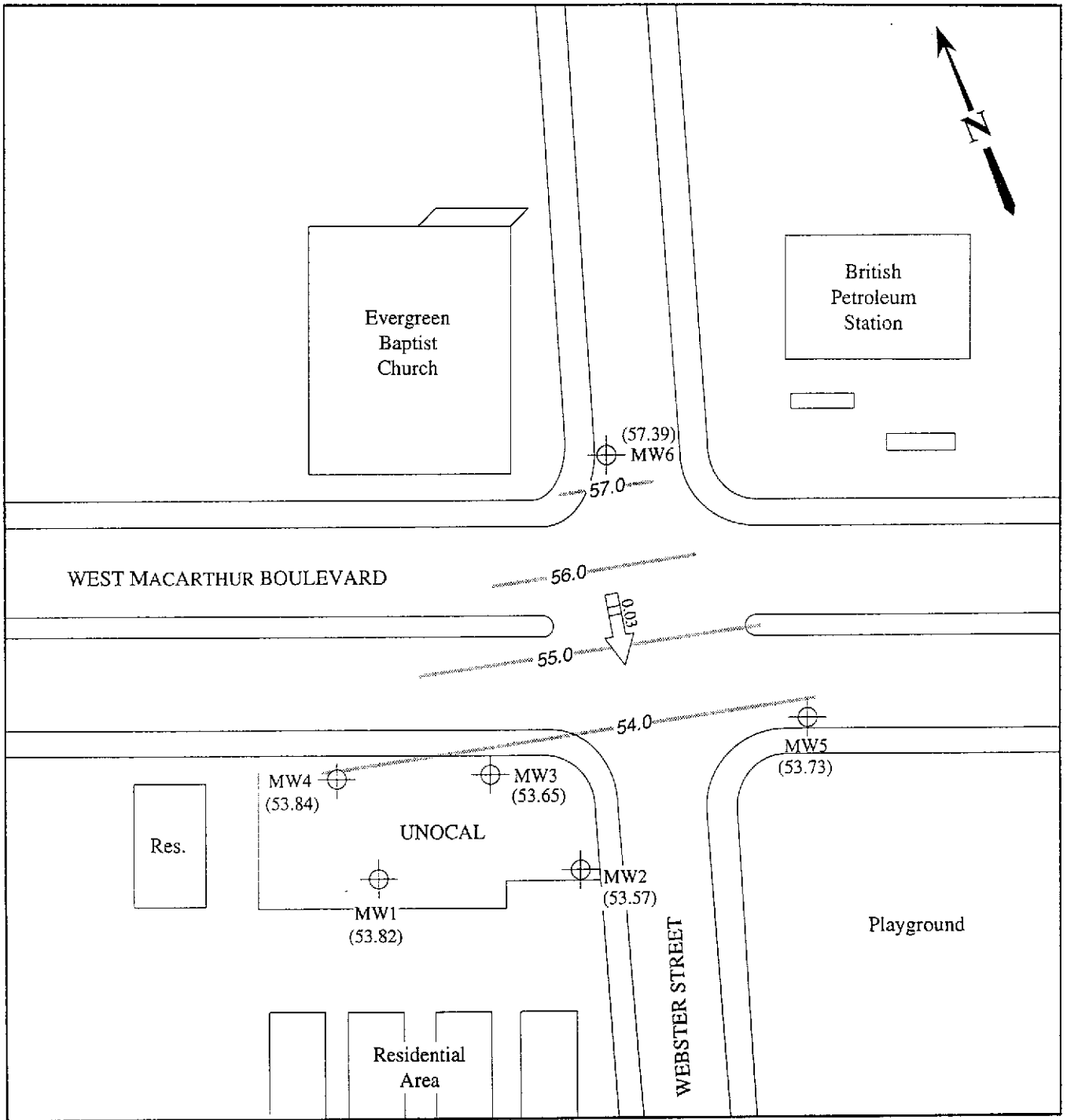
Base modified from 7.5 minute U.S.G.S. Oakland East & West Quadrangles
(both photorevised 1980)



MPDS SERVICES, INCORPORATED

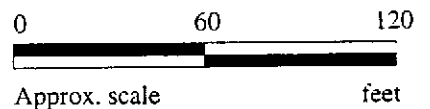
UNOCAL SERVICE STATION # 3538
411 W. MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

LOCATION
MAP

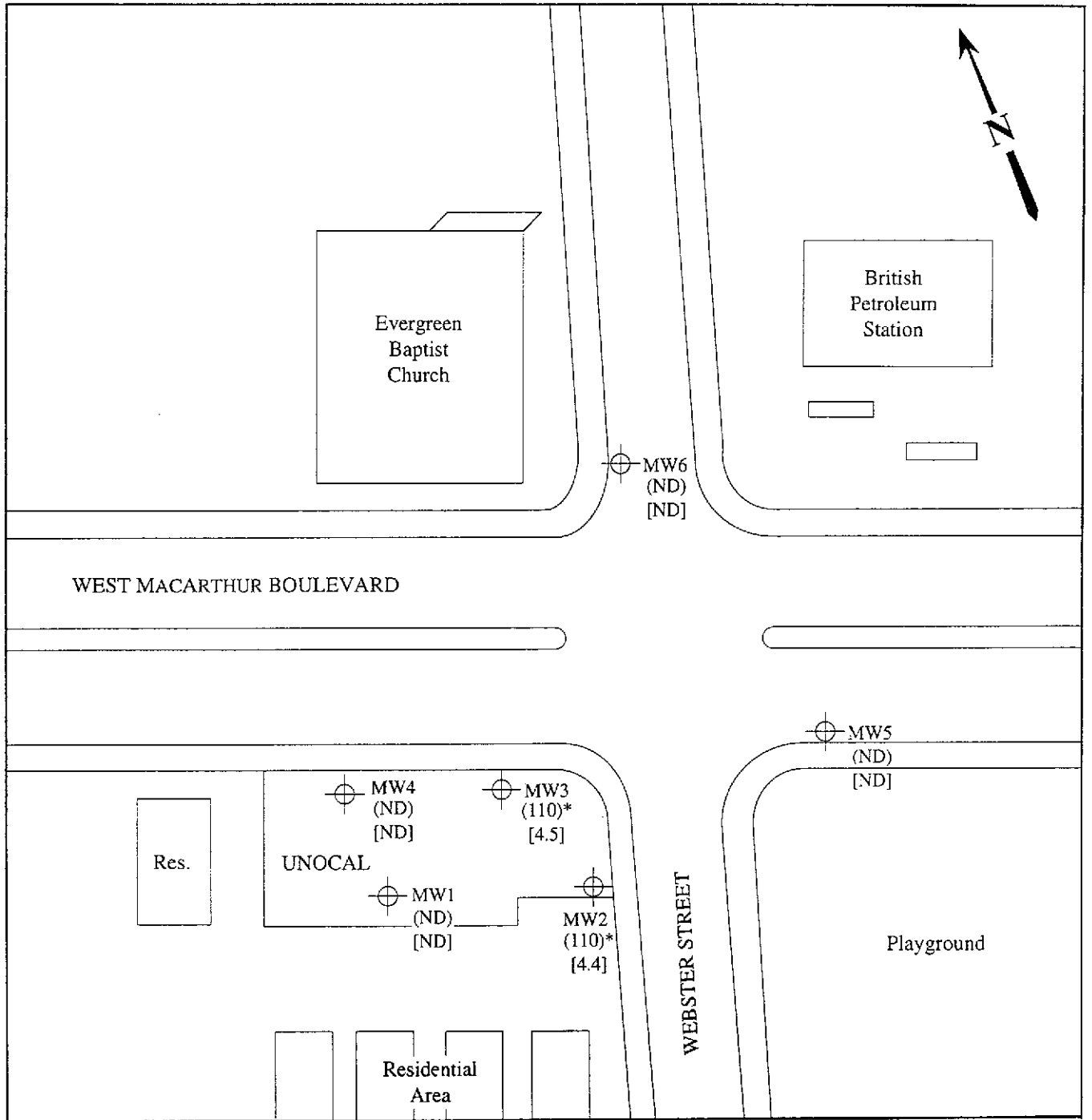


LEGEND

- ⊕ 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



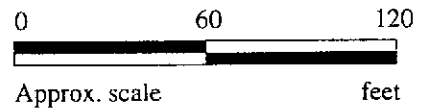
POTENTIOMETRIC SURFACE MAP FOR THE JULY 7, 1994 MONITORING EVENT



LEGEND

- ⊕ Monitoring well
- () Concentration of TPH as gasoline in $\mu\text{g/L}$
- [] Concentration of benzene in $\mu\text{g/L}$
- ND = Non-detectable

* The lab reported that the hydrocarbons detected did not appear to be gasoline.



PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON JULY 7, 1994



**UNOCAL SERVICE STATION # 3538
411 W. MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA**

**FIGURE
2**



MPDS Services 2401 Stanwell Dr., Ste. 400 Concord, CA 94520 Attention: Avo Avedessian	Client Project ID: Unocal #3538, 411 W. MacArthur, Oakland Matrix Descript: Water Analysis Method: EPA 5030/8015/8020 First Sample #: 407-0719	Sampled: Jul 7, 1994 Received: Jul 7, 1994 Reported: Jul 21, 1994
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TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Sample Number	Sample Description	Purgeable Hydrocarbons $\mu\text{g/L}$	Benzene $\mu\text{g/L}$	Toluene $\mu\text{g/L}$	Ethyl Benzene $\mu\text{g/L}$	Total Xylenes $\mu\text{g/L}$
407-0719	MW-1	ND	ND	ND	ND	ND
407-0720	MW-2	110*	4.4	ND	ND	ND
407-0721	MW-3	110*	4.5	ND	ND	ND
407-0722	MW-4	ND	ND	ND	ND	ND
407-0723	MW-5	ND	ND	ND	ND	ND
407-0724	MW-6	ND	ND	ND	ND	ND

* Hydrocarbons detected did not appear to be gasoline.

Detection Limits:	50	0.50	0.50	0.50	0.50
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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





MPDS Services	Client Project ID: Unocal #3538, 411 W. MacArthur, Oakland	Sampled: Jul 7, 1994
2401 Stanwell Dr., Ste. 400	Matrix Descript: Water	Received: Jul 7, 1994
Concord, CA 94520	Analysis Method: EPA 5030/8015/8020	Reported: Jul 21, 1994
Attention: Avo Avedessian	First Sample #: 407-0719	

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%
407-0719	MW-1	--	1.0	7/19/94	HP-2	91
407-0720	MW-2	Discrete Peak*	1.0	7/19/94	HP-2	92
407-0721	MW-3	Discrete Peak*	1.0	7/19/94	HP-2	104
407-0722	MW-4	--	1.0	7/19/94	HP-2	91
407-0723	MW-5	--	1.0	7/19/94	HP-2	91
407-0724	MW-6	--	1.0	7/19/94	HP-2	100

*Discrete Peak refers to an unidentified peak in the MTBE range.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

4070719.MPD <2>





MPDS Services 2401 Stanwell Dr., Ste. 400 Concord, CA 94520 Attention: Avo Avedessian	Client Project ID: Unocal #3538, 411 W. MacArthur, Oakland Sample Descript: Water, MW-1 Analysis Method: EPA 5030/8010 Lab Number: 407-0719	Sampled: Jul 7, 1994 Received: Jul 7, 1994 Analyzed: Jul 18, 1994 Reported: Jul 21, 1994
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HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/L	Sample Results µg/L
Bromodichloromethane.....	0.50	N.D.
Bromoform.....	0.50	N.D.
Bromomethane.....	1.0	N.D.
Carbon tetrachloride.....	0.50	N.D.
Chlorobenzene.....	0.50	N.D.
Chloroethane.....	1.0	N.D.
2-Chloroethylvinyl ether.....	1.0	N.D.
Chloroform.....	0.50	N.D.
Chloromethane.....	1.0	N.D.
Dibromochloromethane.....	0.50	N.D.
1,3-Dichlorobenzene.....	0.50	N.D.
1,4-Dichlorobenzene.....	0.50	N.D.
1,2-Dichlorobenzene.....	0.50	N.D.
1,1-Dichloroethane.....	0.50	N.D.
1,2-Dichloroethane.....	0.50	N.D.
1,1-Dichloroethene.....	0.50	N.D.
cis-1,2-Dichloroethene.....	0.50	N.D.
trans-1,2-Dichloroethene.....	0.50	N.D.
1,2-Dichloropropane.....	0.50	N.D.
cis-1,3-Dichloropropene.....	0.50	N.D.
trans-1,3-Dichloropropene.....	0.50	N.D.
Methylene chloride.....	5.0	N.D.
1,1,2,2-Tetrachloroethane.....	0.50	N.D.
Tetrachloroethene.....	0.50	0.83
1,1,1-Trichloroethane.....	0.50	N.D.
1,1,2-Trichloroethane.....	0.50	N.D.
Trichloroethene.....	0.50	N.D.
Trichlorofluoromethane.....	0.50	N.D.
Vinyl chloride.....	1.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager





MPDS Services
2401 Stanwell Dr., Ste. 400
Concord, CA 94520
Attention: Avo Avedessian

Client Project ID: Unocal #3538, 411 W. MacArthur, Oakland
Matrix: Liquid

QC Sample Group: 4070719-24

Reported: Jul 21, 1994

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	J. Fontecha	J. Fontecha	J. Fontecha	J. Fontecha

MS/MSD				
Batch#:	4070481	4070481	4070481	4070481
Date Prepared:	7/19/94	7/19/94	7/19/94	7/19/94
Date Analyzed:	7/19/94	7/19/94	7/19/94	7/19/94
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:	105	100	90	102
Matrix Spike Duplicate				
% Recovery:	100	90	75	95
Relative % Difference:	4.9	11	18	7.1

LCS Batch#:	1LCS071994	1LCS071994	1LCS071994	1LCS071994
Date Prepared:	7/19/94	7/19/94	7/19/94	7/19/94
Date Analyzed:	7/19/94	7/19/94	7/19/94	7/19/94
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	79	97	97	101

% Recovery Control Limits:	71-133	72-128	72-130	71-120
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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, #1271

Signature on File

Alan B. Kemp
Project Manager





MPDS Services 2401 Stanwell Dr., Ste. 400 Concord, CA 94520 Attention: Avo Avedessian	Client Project ID: Unocal #3538, 411 W. MacArthur, Oakland Matrix: Liquid QC Sample Group: 407-0719	Reported: Jul 21, 1994
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QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloro-ethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	K. Nill	K. Nill	K. Nill

MS/MSD			
Batch#:	4070719	4070719	4070719
Date Prepared:	Jul 18, 1994	Jul 18, 1994	Jul 18, 1994
Date Analyzed:	Jul 18, 1994	Jul 18, 1994	Jul 18, 1994
Instrument I.D.#:	HP5890\1	HP5890\1	HP5890\1
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L
Matrix Spike			
% Recovery:	129	95	86
Matrix Spike Duplicate %			
Recovery:	112	107	91
Relative % Difference:	14	12	5.6

LCS Batch#:	LCS071894	LCS071894	LCS071894
Date Prepared:	Jul 18, 1994	Jul 18, 1994	Jul 18, 1994
Date Analyzed:	Jul 18, 1994	Jul 18, 1994	Jul 18, 1994
Instrument I.D.#:	10 µg/L	10 µg/L	10 µg/L
LCS % Recovery:	141	94	90

% Recovery Control Limits:	28-167	35-146	38-150
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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.



M P D S Services, Inc.

2401 Stanwell Drive, Suite 400, Concord, CA 94520
 Tel: (510) 602-5120 Fax: (510) 689-1918

CHAIN OF CUSTODY

SAMPLER (JOE) HOVSIA AJEMIAN			UNOCAL S/S # <u>3538</u> CITY: <u>Oakland</u>					ANALYSES REQUESTED							TURN AROUND TIME: Regular	
WITNESSING AGENCY			ADDRESS: <u>411 W. MacArthur</u>					TPH-GAS BTX	TPH-DIESEL	TOG	8010					REMARKS
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION									
MW-1	7-7-94	8:48 A.M.	✓	✓		4(VOA)	Wells	✓			✓				4070719AD	
MW-2	"	11:12 A.M.	✓	✓		2(VOA)	"	✓							4070720 AB	
MW-3	"	11:40 A.M.	✓	✓		"	"	✓							4070721	
MW-4	"	9:17 A.M.	✓	✓		"	"	✓							4070722	
MW-5	"	9:55 A.M.	✓	✓		"	"	✓							4070723	
MW-6	"	10:35 A.M.	✓	✓		"	"	✓							4070724 ↓	

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	THE FOLLOWING <u>MUST BE</u> COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:
(SIGNATURE) Joe Ajemian	7-7-94 4:05 P.M.	(SIGNATURE) <u>Dan 7</u> 7/7/94	1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? yes
(SIGNATURE) <u>VISA</u>	0708941500	(SIGNATURE) <u>[Signature]</u>	2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? yes
(SIGNATURE) <u>[Signature]</u>	7-8-1930	(SIGNATURE) <u>Melissa Cremer</u>	3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? No
(SIGNATURE) <u>[Signature]</u>		(SIGNATURE) <u>[Signature]</u>	4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? yes
(SIGNATURE) <u>[Signature]</u>		(SIGNATURE) <u>Dan 7</u>	SIGNATURE: <u>Analyt</u> TITLE: <u>Analyt</u> DATE: <u>7/7/94</u>