

MONITORING
PURGING
DISPOSING
SAMPLING

MPDS SERVICES, INCORPORATED

RECEIVED
1:38 pm, Jun 08, 2009
Alameda County
Environmental Health

MPDS-UN5487-09
February 22, 1996

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

Attention: Ms. Tina R. Berry

RE: Quarterly Data Report
Unocal Service Station #5487
28250 Hesperian Boulevard
Hayward, California

FILE #	5487	SS	<input checked="" type="checkbox"/>	BP	<input type="checkbox"/>
RPT	QM	<input checked="" type="checkbox"/>	TRANSMITTAL	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6

Dear Ms. Berry:

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 February 2, 1996. Prior to sampling, the wells were each purged of between 10 and 14.5 gallons of water. Samples were then collected using a clean Teflon bailer. The samples were decanted into clean VOA vials and/or one-liter amber bottles, as appropriate, 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 and Field blank samples (denoted as 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 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. 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, and the City of Hayward Fire Department.

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

Sincerely,

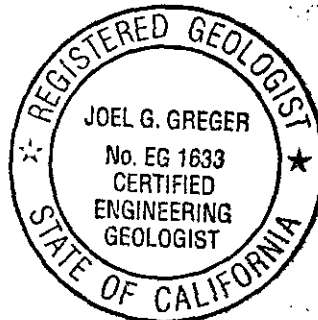
MPDS Services, Inc.



Haig (Gary) Tejrjian
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. Thomas Berkins, Kaprealian Engineering, Inc.

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)
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(Monitored and Sampled on February 2, 1996)

MW1*	7.85	3.88	27.28	0	--	0
MW2*	6.67	5.91	23.79	0	--	0
MW3*	7.91	4.08	24.40	0	--	0
MW4*	7.87	3.71	24.59	0	--	0
MW5	7.29	3.50	24.13	0	No	14.5
MW6	7.54	3.64	18.02	0	No	10

(Monitored and Sampled on November 6, 1995)

MW1*	4.93	6.80	27.33	0	--	0
MW2*	4.78	7.80	23.85	0	--	0
MW3*	4.79	7.20	24.46	0	--	0
MW4*	4.68	6.90	24.64	0	--	0
MW5	4.09	6.70	24.17	0	No	12
MW6	4.31	6.87	18.07	0	No	8

(Monitored and Sampled on August 3, 1995)

MW1	5.52	6.21	27.31	0	No	14.5
MW2	5.39	7.19	23.85	0	No	11.5
MW3	5.40	6.59	24.04	0	No	12
MW4	5.25	6.33	24.61	0	No	12.5
MW5	4.76	6.03	24.15	0	No	12.5
MW6	4.92	6.26	18.05	0	No	8.5

(Monitored and Sampled on May 2, 1995)

MW1*	6.08	5.65	27.31	0	--	0
MW2*	5.54	7.04	23.87	0	--	0
MW3*	6.29	5.70	24.03	0	--	0
MW4*	6.15	5.43	24.60	0	--	0
MW5	5.84	4.95	24.14	0	No	13.5
MW6	6.18	5.00	18.04	0	No	9

TABLE 1 (Continued)

SUMMARY OF MONITORING DATA

<u>Well #</u>	<u>Well Casing Elevation (feet)**</u>
MW1	11.73
MW2	12.58
MW3	11.99
MW4	11.58
MW5	10.79
MW6	11.18

◆ 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), per the City of Hayward Benchmark (elevation = 10.97 feet MSL).

-- Sheen determination was not performed.

TABLE 2

**SUMMARY OF LABORATORY ANALYSES
 WATER**

Well #	Date	TPH as Gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE
MW1	2/02/96	SAMPLED ANNUALLY					
	11/06/95	SAMPLED ANNUALLY					
	8/03/95	ND	ND	ND	ND	ND	--
	5/02/95	SAMPLED ANNUALLY					
	2/01/95	SAMPLED ANNUALLY					
	11/02/94	SAMPLED ANNUALLY					
	8/02/94	ND	ND	ND	ND	ND	--
	8/05/93	ND	ND	ND	ND	ND	--
	8/04/92	ND	ND	ND	ND	ND	--
	11/07/91	ND	ND	ND	ND	ND	--
	8/02/91	ND	ND	ND	ND	ND	--
	5/10/91	ND	ND	ND	ND	ND	--
	2/11/91*	ND	ND	ND	ND	ND	--
	11/15/90*	ND	ND	ND	ND	ND	--
	8/29/90*	ND	ND	ND	ND	0.74	--
	5/16/90*	ND	ND	ND	ND	ND	--
	2/16/90*	ND	ND	ND	ND	ND	--
	11/14/89*	ND	ND	ND	ND	ND	--
	8/16/89**	ND	ND	ND	ND	ND	--
	4/26/89*	ND	2.1	ND	ND	ND	--
MW2	2/02/96	SAMPLED ANNUALLY					
	11/06/95	SAMPLED ANNUALLY					
	8/03/95	ND	ND	ND	ND	ND	--
	5/02/95	SAMPLED ANNUALLY					
	2/01/95	SAMPLED ANNUALLY					
	11/02/94	SAMPLED ANNUALLY					
	8/02/94	ND	ND	ND	ND	ND	--
	8/05/93	ND	ND	ND	ND	ND	--
	8/04/92	ND	ND	ND	ND	ND	--
	11/07/91	ND	ND	ND	ND	ND	--
	8/02/91	ND	ND	ND	ND	ND	--
	5/10/91	ND	ND	ND	ND	ND	--
	2/11/91	ND	ND	ND	ND	ND	--
	11/15/90	ND	ND	ND	ND	ND	--
	8/29/90	ND	ND	ND	ND	ND	--
	5/16/90*	ND	ND	ND	ND	ND	--
	2/16/90	ND	ND	ND	ND	ND	--
	11/14/89*	ND	ND	ND	ND	ND	--
	8/16/89**	ND	ND	ND	ND	ND	--
	4/26/89*	ND	ND	ND	ND	ND	--

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
 WATER

<u>Well #</u>	<u>Date</u>	<u>TPH as</u> <u>Gasoline</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl-</u> <u>benzene</u>	<u>Xylenes</u>	<u>MTBE</u>
MW3	2/02/96	SAMPLED ANNUALLY					
	11/06/95	SAMPLED ANNUALLY					
	8/03/95	ND	ND	ND	ND	ND	--
	5/02/95	SAMPLED ANNUALLY					
	2/01/95	SAMPLED ANNUALLY					
	11/02/94	SAMPLED ANNUALLY					
	8/02/94	ND	ND	ND	ND	ND	--
	8/05/93	ND	ND	ND	ND	ND	--
	8/04/92	ND	ND	ND	ND	ND	--
	11/07/91	ND	ND	ND	ND	ND	--
	8/02/91	ND	ND	ND	ND	ND	--
	5/10/91	ND	ND	ND	ND	ND	--
	2/11/91	ND	ND	ND	ND	ND	--
	11/15/90	ND	ND	ND	ND	ND	--
	8/29/90	ND	ND	0.52	ND	ND	--
	5/16/90	ND	ND	ND	ND	ND	--
	2/16/90	ND	ND	ND	ND	ND	--
	11/14/89	ND	ND	ND	ND	ND	--
	8/16/89	ND	ND	ND	ND	ND	--
	4/26/89*	ND	ND	ND	ND	ND	--
MW4	2/02/96	SAMPLED ANNUALLY					
	11/06/95	SAMPLED ANNUALLY					
	8/03/95	ND	ND	ND	ND	ND	--
	5/02/95	SAMPLED ANNUALLY					
	2/01/95	SAMPLED ANNUALLY					
	11/02/94	SAMPLED ANNUALLY					
	8/02/94	ND	ND	ND	ND	ND	--
	8/05/93	ND	ND	ND	ND	ND	--
	8/04/92	ND	ND	ND	ND	ND	--
	11/07/91	ND	ND	ND	ND	ND	--
	8/02/91	ND	ND	ND	ND	ND	--
	5/10/91	ND	ND	ND	ND	ND	--
	2/11/91	ND	ND	ND	ND	ND	--
	11/15/90	ND	ND	ND	ND	ND	--
	8/29/90	ND	ND	ND	ND	ND	--
	5/16/90	ND	ND	ND	ND	ND	--
	2/16/90	ND	ND	ND	ND	ND	--
	11/14/89	ND	ND	ND	ND	ND	--
	8/16/89	ND	ND	ND	ND	ND	--
	4/26/89*	ND	0.33	ND	ND	ND	--

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
 WATER

Well #	Date	TPH as Gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MTBE
MW5	2/02/96	64	20	ND	3.9	6.1	150
	11/06/95	160	80	ND	7.4	10	120
	8/03/95	ND	12	ND	0.70	ND	--
	5/02/95	ND	7.5	0.51	1.2	1.6	--
	2/01/95	170	11	ND	2.4	3.9	--
	11/02/94	450	73	1.6	6.2	11	--
	8/02/94	59	16	ND	2.4	3.1	--
	5/02/94	170♦	38	0.73	8.5	8.4	--
	2/07/94	180	22	ND	6.4	5.9	--
	11/05/93	110	12	ND	2.3	2.3	--
	8/05/93	530	210	0.62	54	44	--
	5/03/93	260	35	ND	2.3	3.1	--
	2/02/93	77♦	5.0	ND	1.2	1.3	--
	11/05/92	120	16	ND	3.5	3.0	--
	8/04/92	80	13	ND	4.5	6.9	--
	5/05/92	170	45	0.48	9.0	6.8	--
	2/05/92	120	20	ND	4.4	4.7	--
	11/07/91	700	43	1.7	29	24	--
	8/02/91	100	43	0.33	12	5.2	--
	5/10/91	ND	ND	ND	ND	ND	--
	2/11/91	58	23	ND	2.9	1.3	--
	11/15/90	ND	ND	ND	ND	0.47	--
	8/29/90	ND	0.70	ND	0.57	1.1	--
	5/16/90	1,100	310	2.8	70	110	--
	2/16/90	ND	ND	ND	ND	ND	--
	11/14/89	73	4.7	0.97	2.9	16	--
	8/31/89	910	120	7.1	50	53	--
	8/16/89	4,400	1,400	84	200	950	--
	4/26/89*	ND	ND	ND	ND	ND	--
	MW6	2/02/96	300	51	0.65	30	18
11/06/95		210	17	0.66	14	37	130
8/03/95		ND	0.76	ND	ND	ND	--
5/02/95		ND	5.7	ND	0.81	1.1	--
2/01/95		340	26	0.77	2.6	7.0	--
11/02/94		840	30	2.5	26	57	--
8/02/94		220	13	1.0	12	28	--
5/02/94		440♦	20	4.2	11	26	--
2/07/94		1,100	130	14	13	130	--
11/05/93		100	1.8	ND	0.79	2.2	--
8/05/93		230	25	1.6	12	29	--
5/03/93		520	47	2.6	33	48	--

TABLE 2 (Continued)

SUMMARY OF LABORATORY ANALYSES
 WATER

Well #	Date	TPH as Gasoline	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
MW6							
(Cont)	2/02/93	400♦	66	5.5	32	13	--
	11/05/92	300	16	2.3	14	14	--
	8/04/92	540	12	7.9	35	110	--
MWD▲	5/10/91	ND	ND	ND	ND	ND	--

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

▲ MWD was a quality assurance duplicate water sample collected from well MW5.

* TPH as Diesel, Total Oil & Grease and all EPA method 8010 constituents were non-detectable.

** TOG for the samples collected from MW1 and MW2 were 23 milligrams per liter (mg/L) and 7.4 mg/L, respectively. TPH as Diesel and all EPA method 8010 constituents were non-detectable for both samples.

MTBE = methyl tert butyl ether

ND = Non-detectable.

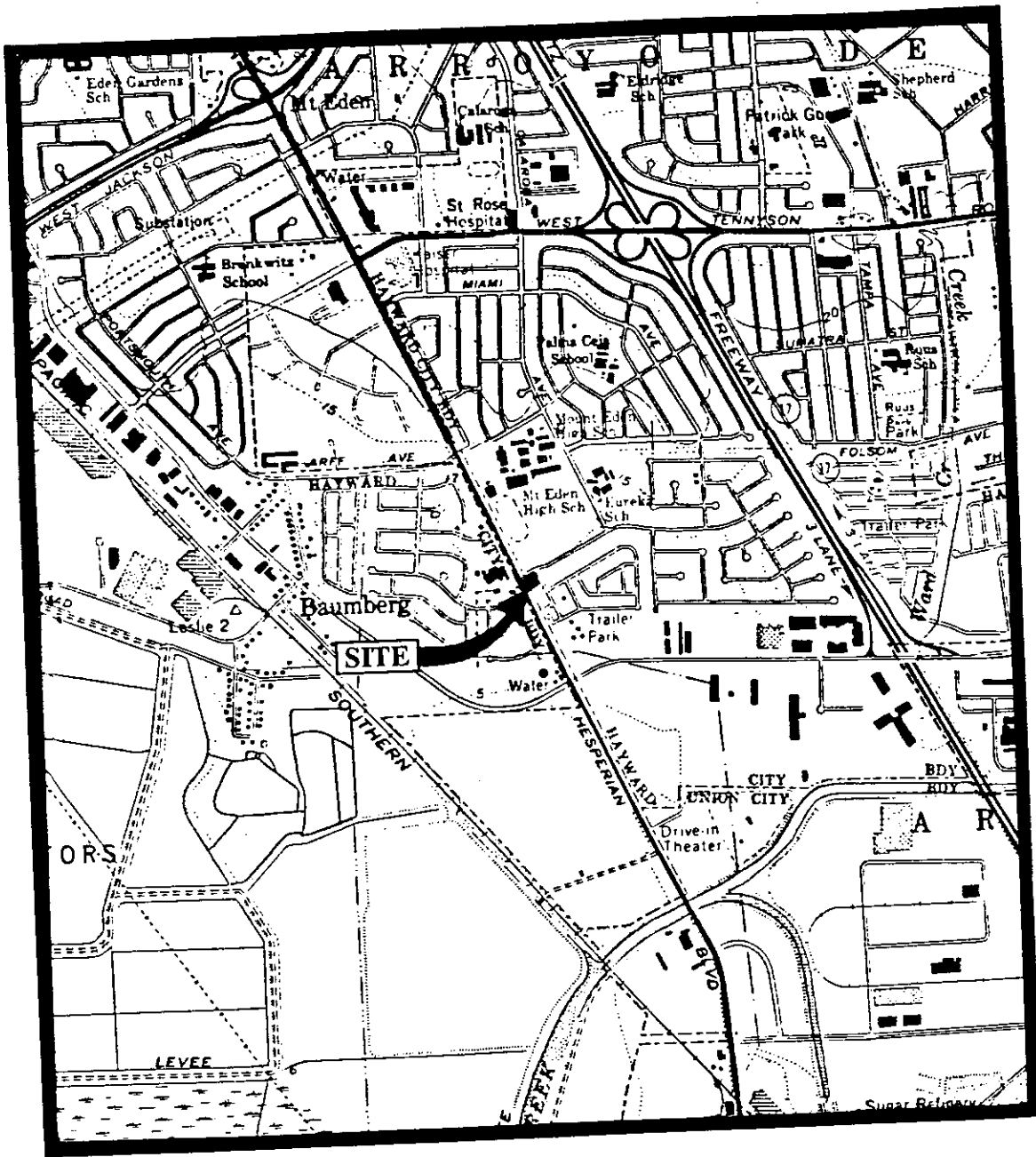
-- Indicates that analysis was not performed.

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

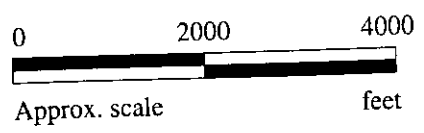
Note: - The detection limit for results reported as ND by Sequoia Analytical Laboratory is equal to the stated detection limit times the dilution factor indicated on the laboratory analytical sheets.

- Prior to August 1, 1995, the total purgeable petroleum hydrocarbon (TPH as gasoline) quantification range used by Sequoia Analytical Laboratory was C4 - C12. Since August 1, 1995, the quantification range used by Sequoia Analytical Laboratory is C6 - C12.

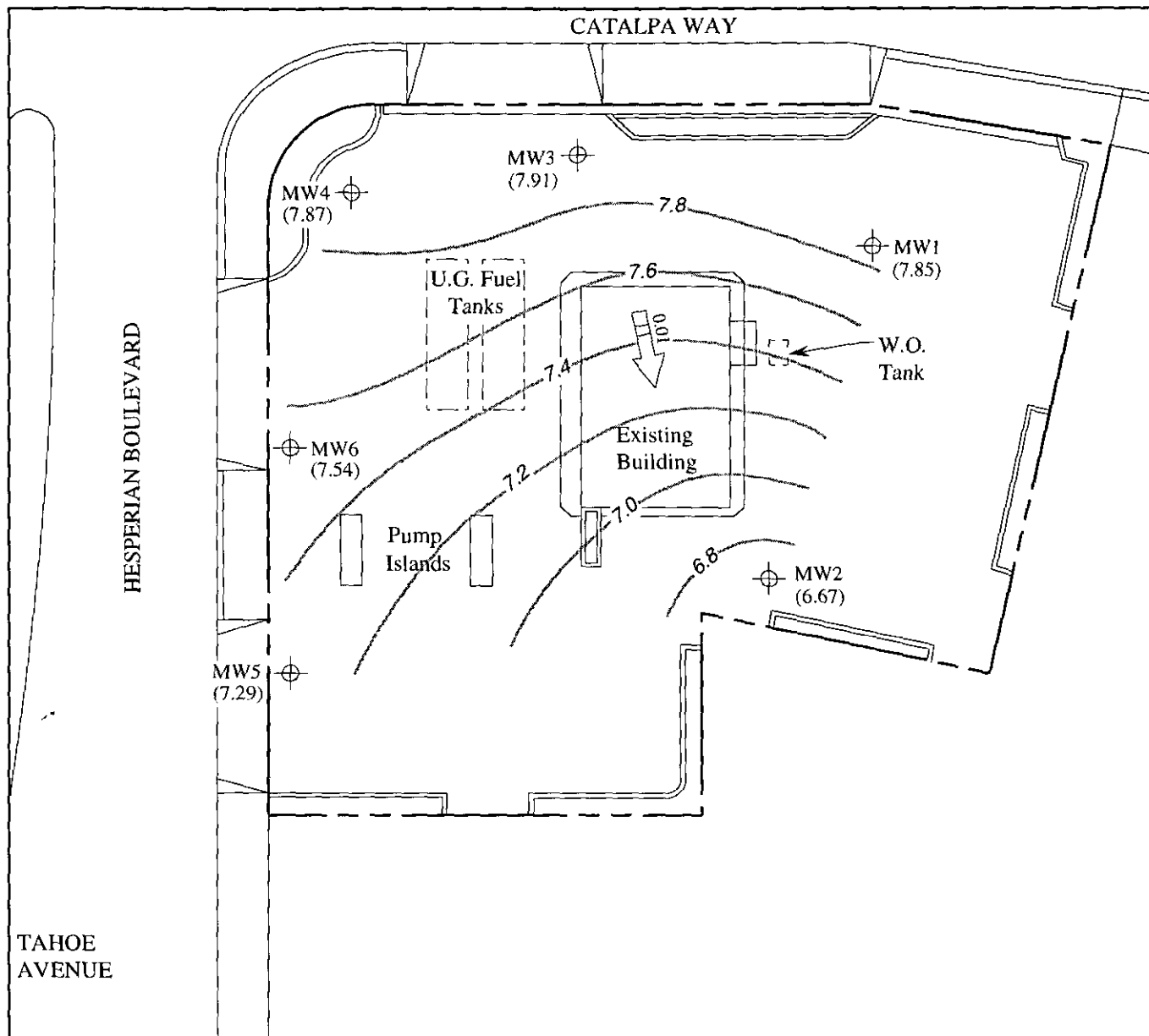
- Laboratory analyses data prior to February 7, 1994, were provided by Kaprealian Engineering, Inc.



Base modified from 7.5 minute U.S.G.S.
 Hayward & Newark Quadrangles
 (both photorevised 1980)

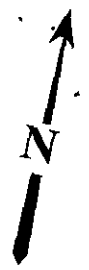
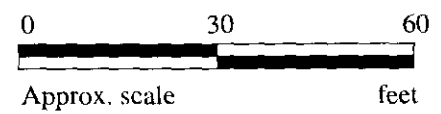


	<p>UNOCAL SERVICE STATION #5487 28250 HESPERIAN BOULEVARD HAYWARD, CALIFORNIA</p>	<p>LOCATION MAP</p>
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LEGEND

- ⊕ 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

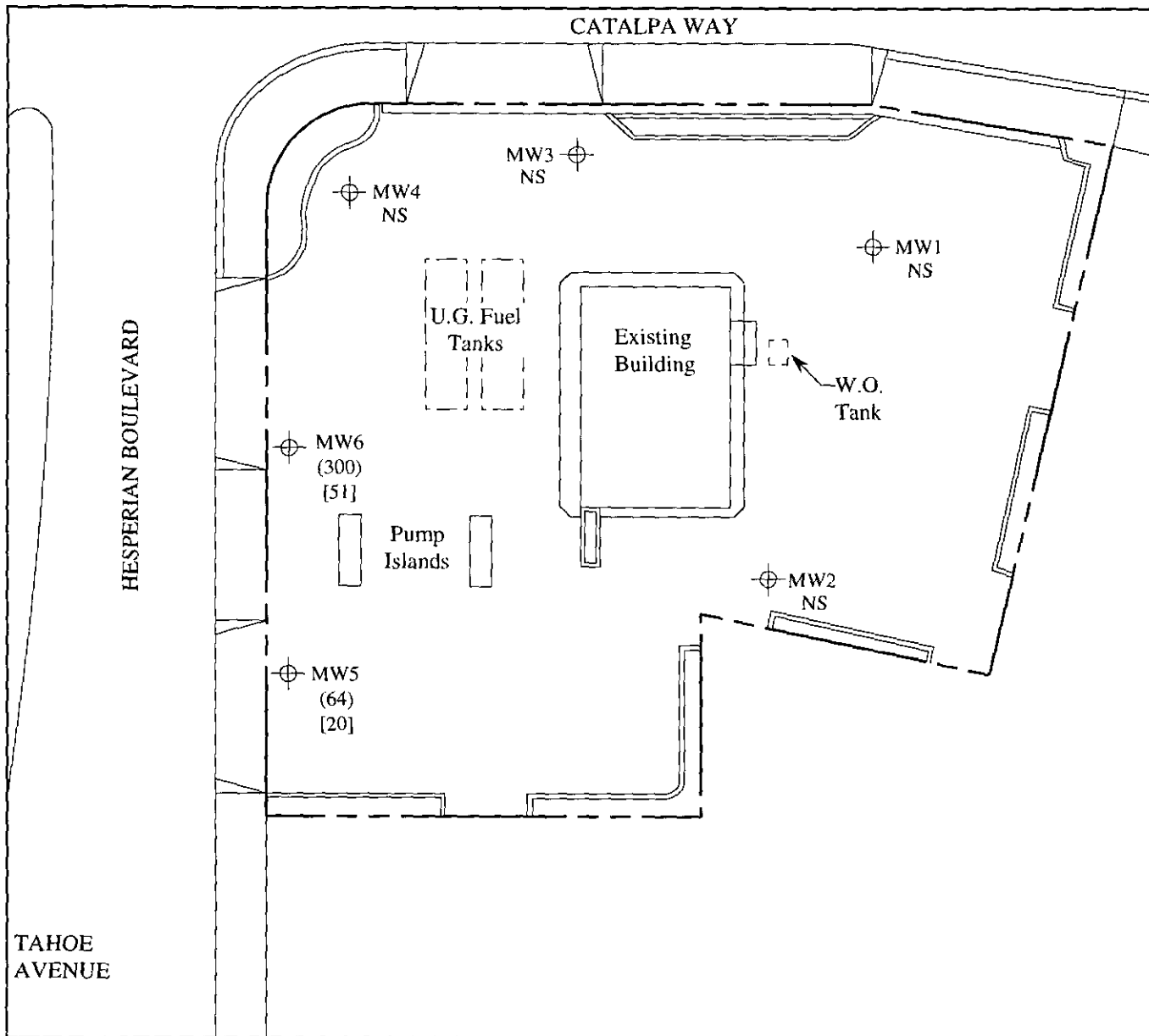


POTENTIOMETRIC SURFACE MAP FOR THE FEBRUARY 2, 1996 MONITORING EVENT

UNOCAL SERVICE STATION #5487
 28250 HESPERIAN BOULEVARD
 HAYWARD, CALIFORNIA

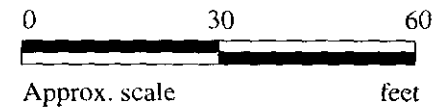


**FIGURE
 1**



LEGEND

- ⊕ Monitoring well
- () Concentration of TPH as gasoline in $\mu\text{g/L}$
- [] Concentration of benzene in $\mu\text{g/L}$
- ND Non-detectable, NS Not sampled



PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON FEBRUARY 2, 1996

UNOCAL SERVICE STATION #5487
 28250 HESPERIAN BOULEVARD
 HAYWARD, CALIFORNIA



FIGURE
2



**Sequoia
Analytical**

80 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

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

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

MPDS Services 2401 Starwell Dr., Ste. 300 Concord, CA 94520 Attention: Jarrel Crider	Client Project ID: Unocal #5487, 28250 Hesperian Blvd. Matrix Descript: Water Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 602-0161	Hayward	Sampled: Feb 2, 1996 Received: Feb 2, 1996 Reported: Feb 15, 1996
---	--	---------	---

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
602-0161	MW-5	64	20	ND	3.9	6.1
602-0162	MW-6	300	51	0.65	30	18
602-0163	ES-2	ND	ND	ND	ND	ND
602-0164	ES-3	ND	ND	0.83	ND	ND

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





**Sequoia
Analytical**

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

MPDS Services 2401 Stanwell Dr., Ste. 300 Concord, CA 94520 Attention: Jarrel Crider	Client Project ID: Unocal #5487, 28250 Hesperian Blvd. Matrix Descript: Water Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 602-0161	Hayward	Sampled: Feb 2, 1996 Received: Feb 2, 1996 Reported: Feb 15, 1996
---	--	---------	---

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
602-0161	MW-5	Gasoline	1.0	2/12/96	HP-2	101
602-0162	MW-6	Gasoline	1.0	2/12/96	HP-2	102
602-0163	ES-2	--	1.0	2/12/96	HP-2	102
602-0164	ES-3	--	1.0	2/12/96	HP-2	100

SEQUOIA ANALYTICAL, #1271

Signature on File

Alan B. Kemp
Project Manager

Page 2 of 2

6020161.MPD <2>





**Sequoia
Analytical**

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FAX (510) 988-9673
FAX (916) 921-0100

MPDS Services
2401 Stanwell Dr., Ste. 300
Concord, CA 94520
Attention: Jarrel Crider

Client Project ID: Unocal #5487, 28250 Hesperian Blvd.
Sample Descript: Water Hayward
Analysis for: MTBE (Modified EPA 8020)
First Sample #: 602-0161

Sampled: Feb 2, 1996
Received: Feb 2, 1996
Analyzed: Feb 12, 1996
Reported: Feb 15, 1996

LABORATORY ANALYSIS FOR: MTBE (Modified EPA 8020)

Sample Number	Sample Description	Detection Limit µg/L	Sample Result µg/L	QC Batch Number	Instrument ID
602-0161	MW-5	0.60	150	GC021296802002A	HP-2
602-0162	MW-6	0.60	280	GC021296802002A	HP-2

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

6020161.MPD <3>





**Sequoia
Analytical**

80 Chesapeake Drive
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Walnut Creek, CA 94598 (510) 988-9600
Sacramento, CA 95834 (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: Jarrel Crider

Client Project ID: Unocal #5487, 28250 Hesperian Blvd., Hayward
Matrix: Liquid

QC Sample Group: 6020161-164

Reported: Feb 15, 1996

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#:	6020160	6020160	6020160	6020160
Date Prepared:	2/12/96	2/12/96	2/12/96	2/12/96
Date Analyzed:	2/12/96	2/12/96	2/12/96	2/12/96
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:	125	120	120	122
Matrix Spike Duplicate % Recovery:	120	115	120	118
Relative % Difference:	4.1	4.3	0.0	2.8

LCS Batch#:	1LCS021296	1LCS021296	1LCS021296	1LCS021296
Date Prepared:	2/12/96	2/12/96	2/12/96	2/12/96
Date Analyzed:	2/12/96	2/12/96	2/12/96	2/12/96
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	115	110	110	110

% 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



CHAIN OF CUSTODY

9602034

SAMPLER			UNOCAL					ANALYSES REQUESTED						TURN AROUND TIME:	
NICHOLAS PERROW			S/S # <u>5487</u> CITY: <u>HAYWARD</u>					TPH-GAS BTEX	TPH- DIESEL	TOG	8010	MTBE			REGULAR REMARKS
			ADDRESS: <u>28250 HESPERIAN BLVD</u>												
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION								
MW-5	2/2/96	11:30	✓	✓		4 VOAS	WIECK	✓					6020161	A-D	
MW-6	"	11:55	✓	✓		"	"	✓					6020162	↓	
RELINQUISHED BY:		DATE/TIME	RECEIVED BY:		DATE/TIME	THE FOLLOWING <u>MUST BE</u> COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:									
(SIGNATURE)		2/2/96	(SIGNATURE)		2/2/96	1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? <u>yes</u>									
(SIGNATURE)		13:20	(SIGNATURE)		1:320	2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? <u>yes</u>									
(SIGNATURE)		2-2	(SIGNATURE)		2-2	3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? <u>no</u>									
(SIGNATURE)		2-2	(SIGNATURE)		2/2	4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? <u>yes</u>									
(SIGNATURE)			(SIGNATURE)			SIGNATURE: _____ TITLE: <u>Logan</u> DATE: <u>2/2/96</u>									

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

9602034

SAMPLER NICHOLAS PERROW			UNOCAL S/S # <u>5437</u> CITY: <u>HAYWARD</u>					ANALYSES REQUESTED							TURN AROUND TIME:	
WITNESSING AGENCY			ADDRESS: <u>28250 HESPERIAN BLVD.</u>					TPH-GAS BTEX	TPH- DIESEL	TOG	8010					REGRM REMARKS
SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION									
<u>ES-2</u>	<u>2/2/96</u>		<input checked="" type="checkbox"/>			<u>1 VJA</u>		<input checked="" type="checkbox"/>								
<u>ES-3</u>	<u>11</u>		<input checked="" type="checkbox"/>			<u>11</u>		<input checked="" type="checkbox"/>								
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:		DATE/TIME	THE FOLLOWING <u>MUST BE</u> COMPLETED BY THE LABORATORY ACCEPTING SAMPLES FOR ANALYSES:											
(SIGNATURE) <u>[Signature]</u>	<u>2/2/96</u> <u>13:20</u>	(SIGNATURE) <u>[Signature]</u>		<u>2-2-96</u> <u>1820</u>	1. HAVE ALL SAMPLES RECEIVED FOR ANALYSIS BEEN STORED ON ICE? <u>yes</u>											
(SIGNATURE) <u>[Signature]</u>	<u>2-2</u>	(SIGNATURE) <u>[Signature]</u>		<u>2-2</u> <u>1520</u>	2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? <u>yes</u>											
(SIGNATURE) <u>[Signature]</u>		(SIGNATURE) <u>[Signature]</u>			3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? <u>no</u>											
(SIGNATURE) <u>[Signature]</u>		(SIGNATURE) <u>[Signature]</u>			4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? <u>yes</u>											
(SIGNATURE) <u>[Signature]</u>		(SIGNATURE) <u>[Signature]</u>			SIGNATURE: <u>[Signature]</u> TITLE: <u>Squair</u> DATE: <u>2/2/96</u>											

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.