MONITORING
PURGING
DISPOSING
SAMPLING
MPDS SERVICES, INCORPORATED

ENVIRONMENTAL PROTECTION

97 MAR 10 PM 4:41

MPDS-UN5043-10
March 4, 1997

76 Products Company
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583

Attention: Mr. David B. De Witt

RE: Quarterly Data Report
Unocal Service Station #5043
449 Hegenberger Road
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 elevations during the most recent quarter are shown on the attached Figure 1.

Ground water samples were collected on January 29, 1997. Prior to sampling, the wells were purged of between 6.5 and 7 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. 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, TPH as diesel, 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. Joel G. Greger at (510) 602-5120.

Sincerely,

MPDS Services, Inc.

Haig (Gary) Tejirian
Senior Staff Geologist

REGISTERED GEOLOGIST
JOEL G. GREGER
No. EG 1633
CERTIFIED
ENGINEERING
GEOLOGIST
STATE OF CALIFORNIA

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

no longer works here

License No. EG 1633
Exp. Date 8/31/98

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

cc: Mr. Robert H. Kezerian, Kaprealian Engineering, Inc.

Last mon July 15, 1997
Tina Berry
Tosco. Marketing
Env. Compliance
wells monitored
MW 3, MW 6, MW 7,
MW 8, MW 9, MW 10

2000 Crow Canyon Place
Suite 4000
San Ramon 94583

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 January 29, 1997)						
MW3	WELL WAS INACCESSIBLE - OBSTRUCTED WITH DEBRIS AT A DEPTH OF 1.65 FEET					
MW6*	5.87†	3.24	12.75	0.31	N/A	0.25[17.5]
MW9	7.24	1.05	11.96	0	No	6.5
MW10	5.68	2.94	12.80	0	No	7
(Monitored and Purged on January 27, 1997)						
MW6	6.22†	4.00	★	1.75	N/A	0[100 oz.]
(Monitored and Purged on January 14, 1997)						
MW6	5.25†	4.51	★	1.15	N/A	0[85 oz.]
(Monitored and Purged on January 8, 1997)						
MW6	5.38†	4.84	★	1.75	N/A	0[75 oz.]
(Monitored and Purged on December 19, 1996)						
MW6	5.76†	4.80	★	2.20	N/A	0[130 oz.]
(Monitored and Purged on December 4, 1996)						
MW6	5.61†	3.65	★	0.50	N/A	0[55 oz.]
(Monitored and Purged on November 25, 1996)						
MW6	5.44†	4.01	★	0.75	N/A	0[60 oz.]
(Monitored and Purged on November 13, 1996)						
MW6	4.86†	4.02	★	0.25	N/A	0[12 oz.]

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 October 28, 1996)						
MW3	WELL WAS INACCESSIBLE (FILLED WITH DIRT)§					
MW6*	4.93†	4.10	12.85	0.21	N/A	0[17.5 oz.]
MW9	7.14	1.15	11.97	0	No	6
MW10	4.53	4.09	12.79	0	No	5
(Monitored and Sampled on July 26, 1996)						
MW3	WELL WAS INACCESSIBLE (FILLED WITH DIRT)					
MW6*	5.03†	6.40	12.85	3.33	N/A	0[2.1 gal.]
MW9	8.01	0.28	11.97	0	No	8
MW10	4.54	4.08	12.79	0	No	6
(August 1995 to July 1996: Monitoring and Sampling Suspended Due to Site Construction Activities)						
(Monitored and Sampled on August 17, 1995)						
MW3	WELL WAS INACCESSIBLE (FILLED WITH DIRT)					
MW6	WELL WAS INACCESSIBLE (PAVED OVER)					
MW9	6.80	1.49	12.01	0	No	7.5
MW10	4.57	4.05	12.79	0	No	6

Table 1

Summary of Monitoring Data

Well #	Well Casing Elevation (feet)**
MW3	7.42
MW6	8.87
MW9	8.29
MW10	8.62

♦ 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 Oakland Benchmark #3880 (elevation = 20.37 feet MSL).

§ The well was obstructed with debris at 0.55 feet. A water sample was collected but was not analyzed, as it was considered not representative of ground water in this well.

† The ground water elevation was corrected for the presence of free product (correction factor = 0.77).

★ Total well depth was not measured.

[x] Amount of product purged.

-- Sheen determination was not performed.

N/A = Not applicable.

Table 2

Summary of Laboratory Analyses
Water

Well #	Date	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
MW1	2/18/92	13,000	150,000	17,000	26,000	5,200	26,000	--
	5/20/92	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	8/31/92	8,900†	64,000	13,000	12,000	2,500	22,000	--
	11/30/92	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	2/4/93	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	5/4/93	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	8/4/93	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	11/3/93	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	2/7/94	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	5/19/94	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	8/15/94	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	11/14/94	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	2/21/95	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	5/18/95	WELL DESTROYED IN MARCH 1995						
MW2	2/18/92	4,300	29,000	1,000	5,300	260	7,900	--
	5/20/92	4,300†	24,000	2,200	7,600	630	11,000	--
	8/31/92	1,600†	9,000	1,800	640	140	2,000	--
	11/30/92	5,700†	29,000	2,000	3,400	1,200	6,900	--
	2/4/93	6,100†	18,000	1,600	3,000	ND	6,900	--
	5/4/93	7,100†	63,000	3,200	17,000	470	17,000	--
	8/4/93	1,800††	45,000	2,100	6,600	1,400	12,000	--
	11/3/93	2,600††	72,000	3,700	16,000	3,700	20,000	--
	2/7/94	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	5/19/94	3,000††	42,000	2,500	1,300	2,300	13,000	--
	8/15/94	2,800††	35,000	2,400	850	1,700	15,000	--
	11/14/94	10,000†	43,000	2,200	6,500	1,800	14,000	--
	2/21/95	2,000††	44,000	2,200	3,200	1,300	1,500	--
	5/18/95	WELL DESTROYED IN MARCH 1995						
MW3	2/18/92	ND	230	4.8	22	1.8	33	--
	5/20/92	WELL WAS INACCESSIBLE						
	8/31/92	92††	210**	1	ND	ND	ND	--
	11/30/92	94	790**	ND	ND	ND	ND	--
	2/4/93	550††	3,300	320	ND	96	6.1	--
	5/4/93	250††	1,800*	95	ND	ND	ND	--
	8/4/93	100	210**	ND	ND	ND	ND	--
	11/3/93	160	640**	ND	ND	ND	ND	--
	2/7/94	620††	2,700	110	ND	17	ND	--
	5/19/94	480††	1,800	83	ND	6.2	9.1	--
	8/15/94	110††	130	1.1	0.54	ND	0.97	--
	11/14/94	150††	1,600**	ND	ND	ND	ND	--
	2/21/95	850††	3,800	350	ND	130	22	--

Table 2

Summary of Laboratory Analyses
Water

Well #	Date	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
MW3	5/18/95	150†	1,300*	42	ND	ND	ND	--
(Cont.)	8/17/95	WELL WAS INACCESSIBLE (FILLED WITH DIRT)						
	7/26/96	WELL WAS INACCESSIBLE (FILLED WITH DIRT)						
	10/28/96	WELL WAS INACCESSIBLE (FILLED WITH DIRT)§						
	1/29/97	WELL WAS INACCESSIBLE - OBSTRUCTED WITH DEBRIS AT A DEPTH OF 1.65 FEET						
MW4	8/31/92	90††	240**	ND	ND	ND	0.54	--
	11/30/92	61	420**	ND	ND	ND	ND	--
	2/4/93	ND	ND	ND	ND	ND	ND	--
	5/4/93	ND	110*	0.95	ND	ND	ND	--
	8/4/93	81	250**	ND	3.5	ND	4.1	--
	11/3/93	68	130**	ND	ND	ND	ND	--
	2/7/94	ND	56**	ND	ND	ND	ND	--
	5/19/94	90††	140**	ND	ND	ND	ND	--
	8/15/94	72††	59**	ND	0.6	ND	ND	--
	11/14/94	ND	130**	ND	ND	ND	ND	--
	2/21/95	WELL DESTROYED IN JANUARY 1995						
MW5	8/31/92	690†	78	0.89	ND	ND	13	--
	11/30/92‡	470††	930	70	290	0.79	14	--
	2/4/93‡	5,500††	5,700	38	ND	620	170	--
	5/4/93‡	4,600†	7,400	41	ND	1,000	35	--
	8/4/93‡	970††	1,500	130	1	460	11	--
	11/3/93	2,100††	13,000	350	ND	3,500	530	--
	2/7/94	830††	2,000	87	ND	370	110	--
	5/19/94	600††	260	44	ND	32	4.1	--
	8/15/94	860††	1,600	110	ND	340	72	--
	11/14/94	290†	250	40	ND	ND	5	--
	2/21/95	WELL DESTROYED IN JANUARY 1995						
MW6	8/31/92	750††	ND	ND	ND	ND	ND	--
	11/30/92	1,400†	9,200	550	ND	740	1,600	--
	2/4/93	890††	3,600	340	ND	290	550	--
	5/4/93	1,800†	4,900	360	18	450	430	--
	8/4/93	1,100††	3,400	390	ND	440	190	--
	11/3/93	390††	1,400	320	ND	200	7.7	--
	2/7/94	970††	4,900	650	ND	250	35	--
	5/19/94	1,400††	3,600	300	1.7	210	41	--
	8/15/94	790††	1,300	130	6.7	54	57	--
	11/14/94	800††	730	50	ND	ND	39	--
	2/21/95	730††	2,000	250	4.6	25	30	--
	5/18/95	WELL WAS INACCESSIBLE						
	8/17/95	WELL WAS INACCESSIBLE (PAVED OVER)						

Table 2

Summary of Laboratory Analyses
Water

Well #	Date	TPH as Diesel	TPH as Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
MW6 (Cont.)	7/26/96	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	10/28/96	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
	1/29/97	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						
MW9	2/21/95	71††	70**	ND	ND	ND	ND	--
	5/18/95	ND	52	ND	1.1	ND	1.9	--
	8/17/95	ND	ND	ND	ND	ND	ND	--
	7/26/96	98	ND	ND	ND	ND	ND	ND
	10/28/96	99†	ND	ND	ND	ND	ND	7.6
	1/29/97	54	ND	ND	ND	ND	ND	5.4
MW10	2/21/95	270††	1,500	250	26	9.1	160	--
	5/18/95	75†	810	520	ND	18	23	--
	8/17/95	ND	67	25	ND	2.4	ND	--
	7/26/96	ND	ND	3.7	ND	ND	ND	ND
	10/28/96	ND	ND	1.1	ND	ND	ND	ND
	1/29/97	ND	210	41	0.67	7.2	4.8	11

† Sequoia Analytical Laboratory reported that the hydrocarbons detected did not appear to be diesel.

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

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

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

‡ Total Oil & Grease was non-detectable.

§ The well was obstructed with debris at 0.55 feet. A water sample was collected but was not analyzed as it was considered not representative of ground water in this well.

MTBE = Methyl tert butyl ether.

ND = Non-detectable.

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

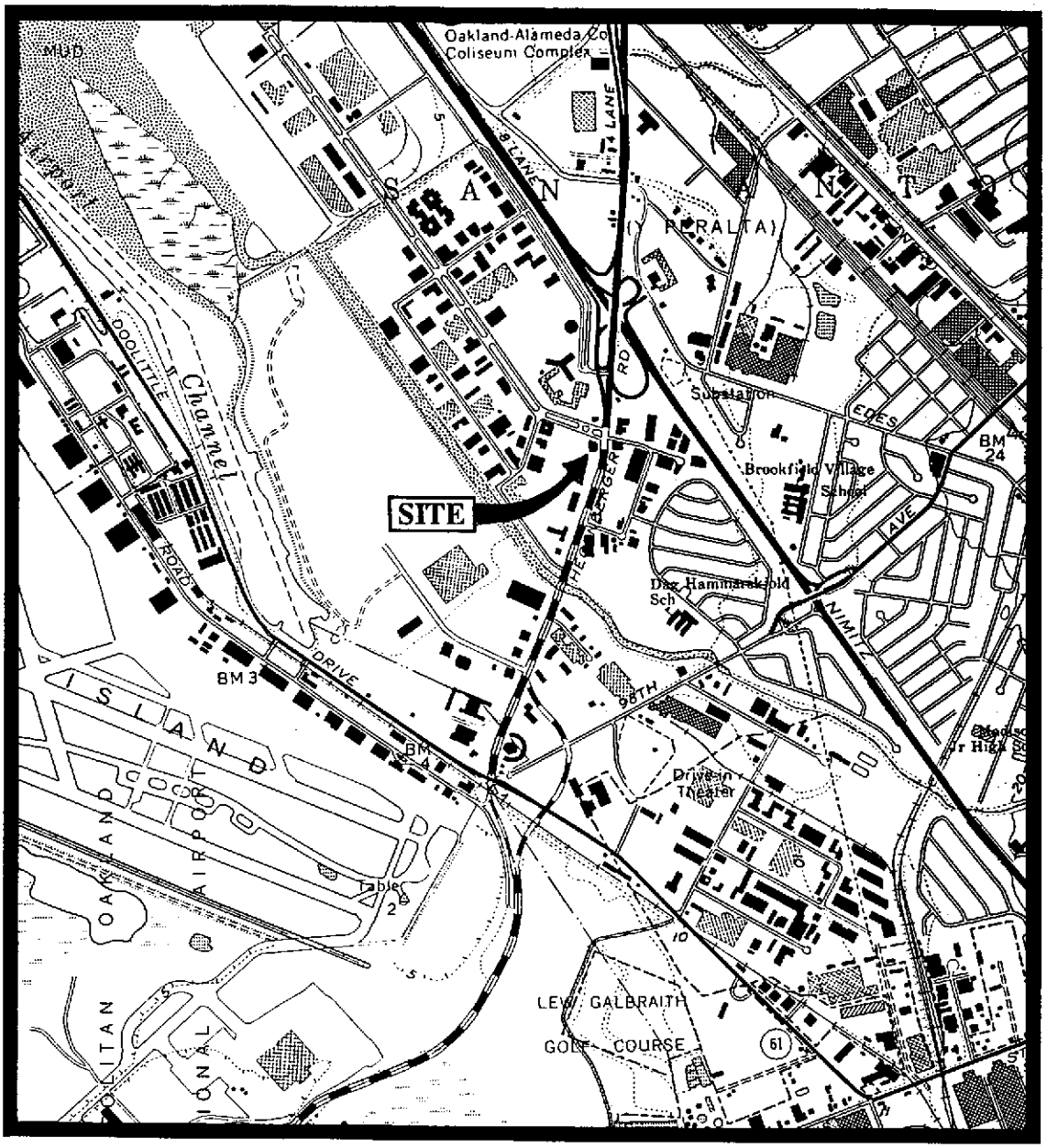
Table 2

Summary of Laboratory Analyses
Water

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.

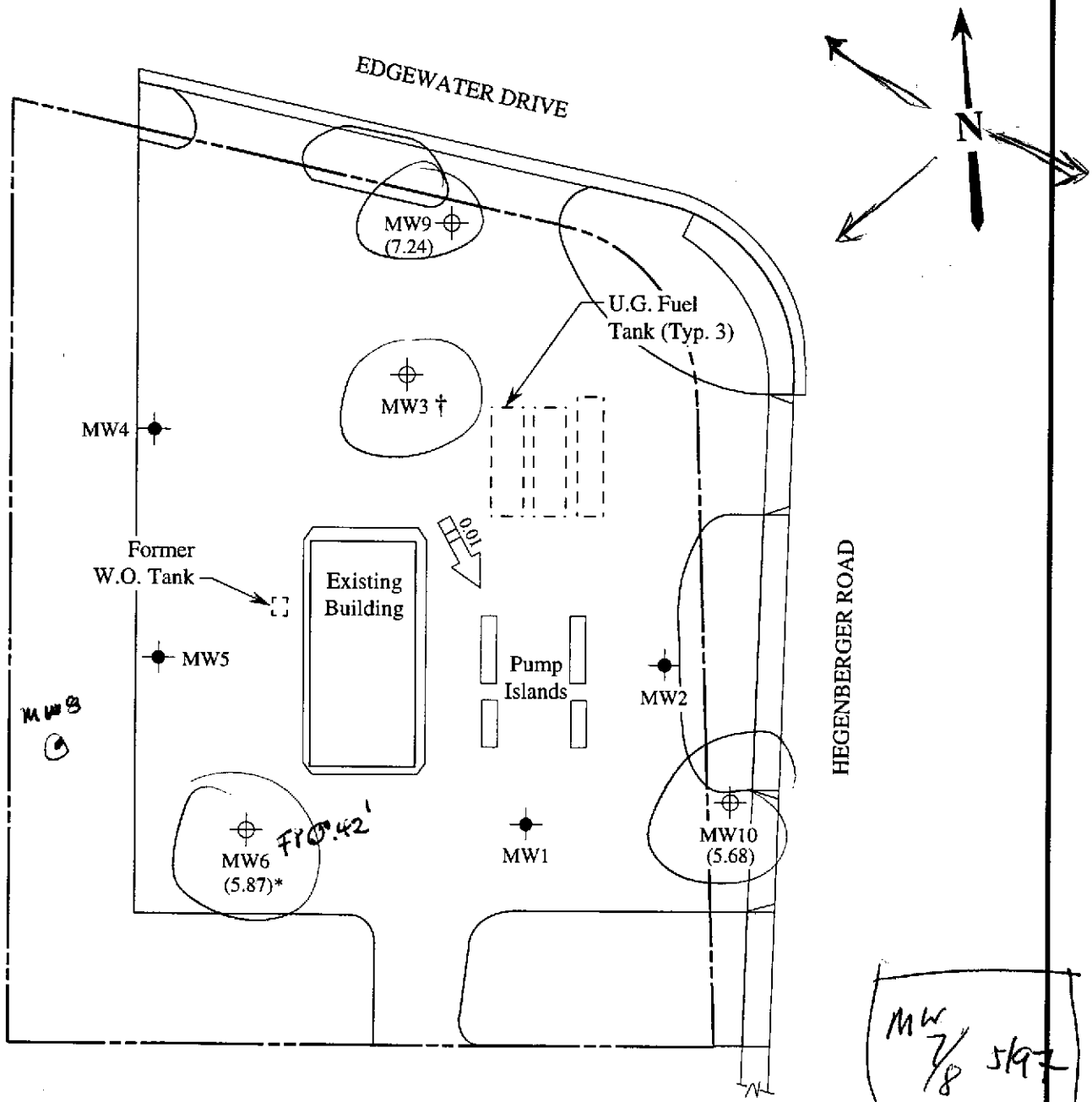


Base modified from 7.5 minute U.S.G.S. San Leandor Quadrangle
(photorevised 1980)

0 2000 4000

Approx. scale feet

mpds SERVICES, INCORPORATED	**UNOCAL SERVICE STATION #5043** **449 HEGENBERGER ROAD** **OAKLAND, CALIFORNIA**	**LOCATION MAP**



LEGEND

- Monitoring well (existing)
- Monitoring well (destroyed)
- ( ) Ground water elevation in feet above Mean Sea Level
- #.## Direction of ground water flow with approximate hydraulic gradient
- † Well was inaccessible; obstructed with debris
- * Ground water elevation was corrected due to the presence of free product.

0 40 80

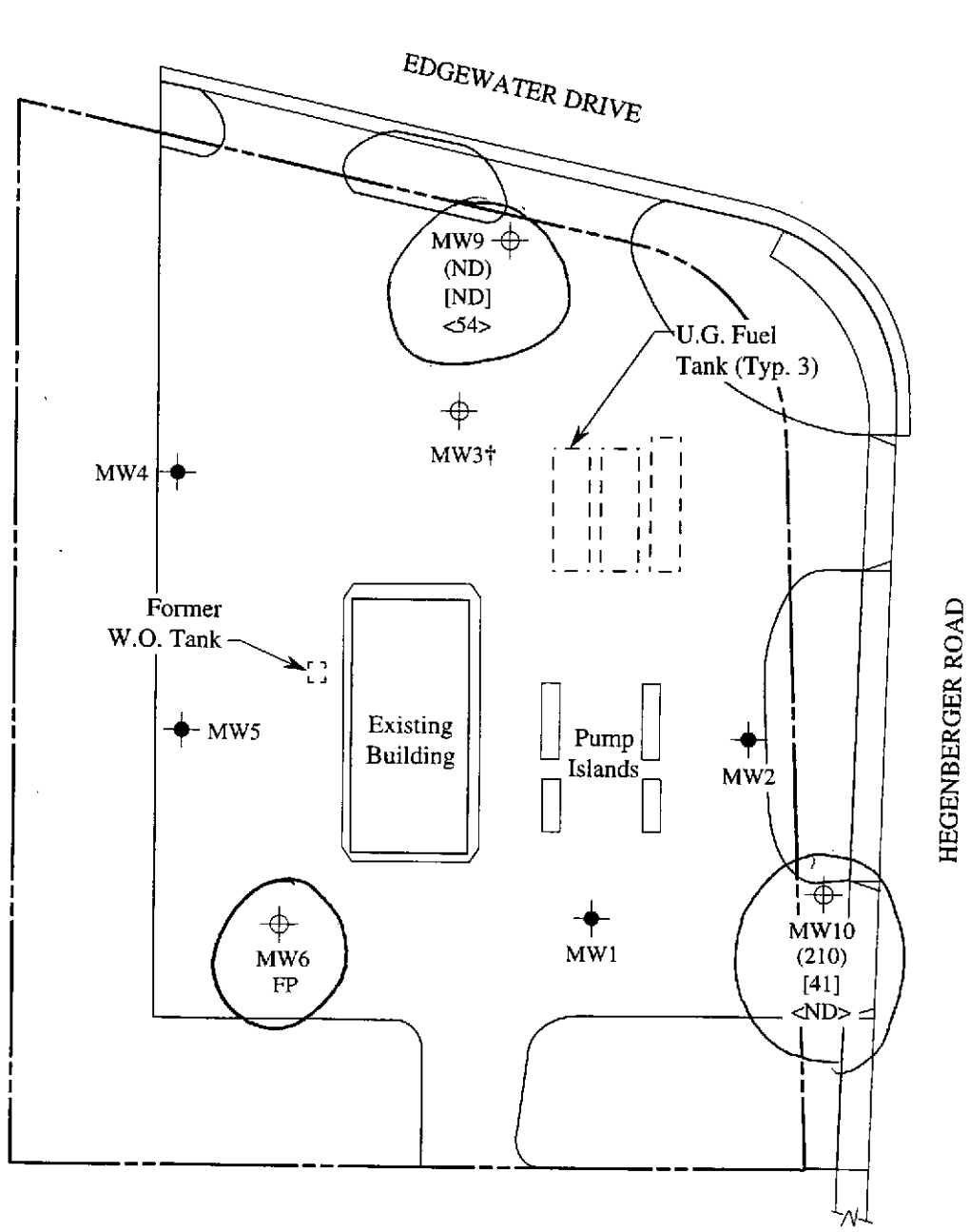
Approx. scale feet

GROUND WATER ELEVATION MAP FOR THE JANUARY 29, 1997 MONITORING EVENT

mpds SERVICES, INCORPORATED

UNOCAL SERVICE STATION #5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

FIGURE
1



LEGEND

- Monitoring well (existing)
- Monitoring well (destroyed)
- ( ) Concentrations of TPH as gasoline in µg/L
- [ ] Concentrations of benzene in µg/L
- < > Concentrations of TPH as diesel in µg/L
- ND Non-detectable, FP Free product
- † Well was inaccessible, obstructed with debris

0 40 80

Approx. scale feet

PETROLEUM HYDROCARBON CONCENTRATIONS IN GROUND WATER ON JANUARY 29, 1997

mpds SERVICES, INCORPORATED

UNOCAL SERVICE STATION #5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

FIGURE
2

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 #5043, 449 Hegenberger Rd., Oakland	Sampled:	Jan 29, 1997
2401 Stanwell Dr., Ste. 300	Matrix Descript:	Water	Received:	Jan 29, 1997
Concord, CA 94520	Analysis Method:	EPA 5030/8015 Mod./8020	Reported:	Feb 11, 1997
Attention: Jarrel Crider	First Sample #:	701-1710		

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	MTBE µg/L
701-1710	MW-9	ND	ND	ND	ND	ND	5.4
701-1711	MW-10	210	41	0.67	7.2	4.8	11
Detection Limits:		**50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.0**

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

7011710.MPD <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 #5043, 449 Hegenberger Rd.,		Sampled:	Jan 29, 1997
2401 Stanwell Dr., Ste. 300	Matrix Descript:	Water	Oakland	Received:	Jan 29, 1997
Concord, CA 94520	Analysis Method:	EPA 5030/8015 Mod./8020		Reported:	Feb 11, 1997
Attention: Jarrel Crider	First Sample #:	701-1710			

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
701-1710	MW-9	--	1.0	2/3/97	HP-9	90
701-1711	MW-10	Gasoline	1.0	2/3/97	HP-9	113

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 #5043, 449 Hegenberger Rd.,		Sampled:	Jan 29, 1997
2401 Stanwell Dr., Ste. 300	Sample Matrix:	Water	Oakland	Received:	Jan 29, 1997
Concord, CA 94520	Analysis Method:	EPA 3510/8015 Mod.		Reported:	Feb 11, 1997
Attention: Jarrel Crider	First Sample #:	701-1710			

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit µg/L	Sample I.D. 701-1710 MW-9	Sample I.D. 701-1711 MW-10
Extractable Hydrocarbons	50	54	N.D.
Chromatogram Pattern:		Diesel	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0
Date Extracted:	2/3/97	2/3/97
Date Analyzed:	2/4/97	2/4/97
Instrument Identification:	HP-3B	HP-3B

Extractable Hydrocarbons are quantitated against a fresh diesel standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

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: Jarrel Crider

Client Project ID: Unocal #5043, 449 Hegenberger Rd., Oakland
Matrix: Liquid
QC Sample Group: 7011710-711
Reported: Feb 11, 1997

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes	Diesel
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill	D. Sharma
MS/MSD Batch#:	7011730	7011730	7011730	7011730	BLK020397
Date Prepared:	2/3/97	2/3/97	2/3/97	2/3/97	2/3/97
Date Analyzed:	2/3/97	2/3/97	2/3/97	2/3/97	2/3/97
Instrument I.D.#:	HP-9	HP-9	HP-9	HP-9	HP-3A
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	300 µg/L
Matrix Spike % Recovery:	115	115	80	118	87
Matrix Spike Duplicate % Recovery:	110	115	80	115	80
Relative % Difference:	4.4	0.0	0.0	2.9	8.0
LCS Batch#:	9LCS020397	9LCS020397	9LCS020397	9LCS020397	LCS020397
Date Prepared:	2/3/97	2/3/97	2/3/97	2/3/97	2/3/97
Date Analyzed:	2/3/97	2/3/97	2/3/97	2/3/97	2/3/97
Instrument I.D.#:	HP-9	HP-9	HP-9	HP-9	HP-3A
LCS % Recovery:	110	110	80	113	80
% Recovery Control Limits:	60-140	60-140	60-140	60-140	60-140

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.

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

CHAIN OF CUSTODY

SAMPLER: VARTKES TASHDJIAN

WITNESSING AGENCY

UNOCAL S/S # 5043 CITY: Oakland

ADDRESS: 449 Hegenberger Rd.

SAMPLE ID NO.	DATE	TIME	WATER	GRAB	COMP	NO. OF CONT.	SAMPLING LOCATION	TPH-GAS BTEX	TPH-DIESEL	TOG	8010	MTBE				REMARKS
MW9	1/29/97	10:30 AM	X	X		2 VOAs 1 Amber	Well	X	X			X	701170A-C			MTBE DETECTION LIMIT 5ppb.
MW10	"	11:07 AM	X	X		"	"	X	X			X	701171A-C			

ANALYSES REQUESTED

TURN AROUND TIME: Regular.

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
Vartkes Tashdjian (SIGNATURE)	1/29/97 2:00	L D Cardenas (SIGNATURE)	1-29-97 1400
L D Cardenas (SIGNATURE)	1-30-97 1336	(SIGNATURE)	1330 1-30
(SIGNATURE)	1510 1-30	(SIGNATURE)	1/30/97 1540
(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? Y
2. WILL SAMPLES REMAIN REFRIGERATED UNTIL ANALYZED? Y
3. DID ANY SAMPLES RECEIVED FOR ANALYSIS HAVE HEAD SPACE? N
4. WERE SAMPLES IN APPROPRIATE CONTAINERS AND PROPERLY PACKAGED? Y

SIGNATURE: L D Cardenas TITLE: analyst DATE: 1-29-97

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