GETTLER-RYAN INC.

TRANSMITTAL

July 8, 1999
G-R #:180105

TO: Mr. David B. De Witt
Tosco Marketing Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

CC: Mr. Doug Lee
Gettler-Ryan Inc.
Dublin, California

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Tosco (Unocal) SS #3292
15008 East 14th Street
San Leandro, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	July 6, 1999	Groundwater Monitoring and Sampling Report Second Quarter 1999 - Event of May 12, 1999

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by ***July 21, 1999***, this report will be distributed to the following:

Enclosure

cc: Mr. Scott Seery, Alameda County Health Care Services, 1131 Harbor Bay Parkway Alameda, CA 94501

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agency/3292dbd.qmt

GETTLER-RYAN INC.

July 6, 1999
G-R Job #180105

Mr. David B. De Witt
Tosco Marketing Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

RE: Second Quarter 1999 Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #3292
15008 East 14th Street
San Leandro, California

Dear Mr. De Witt:

This report documents the quarterly groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). **On May 12, 1999, field personnel monitored and sampled thirteen wells (MW-1 through MW-11, MW-2(SP) and MW-3(SP))** at the above referenced site. A joint monitoring event was not conducted.

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. **Separate-phase hydrocarbons were not present in the wells.** Static water level data and groundwater elevations for the referenced site are summarized in Table 1 and Dissolved Oxygen Concentrations are summarized in Table 2. Joint Groundwater Monitoring Data for former events are summarized in Tables 3 and 4. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Groundwater Sampling (attached). **The field data sheets are also attached.** The samples were analyzed by Sequoia Analytical. Analytical results are summarized in Table 1 and a Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

Deanna L. Harding
Project Coordinator

Barbara Sieminski
Project Geologist, R.G. No. 6676

Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Joint Groundwater Monitoring Data - Former Mobil Facility
Table 4: Joint Groundwater Monitoring Data - Chevron Facility
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
3292.qml Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • Dublin, California 94568 • (925) 551-7555

HESPERIAN BOULEVARD

150TH AVENUE

EAST 14TH STREET

MW-7 NM
MW-8 NM
MW-1 NM
MW-5 NM
MW-2 NM
MW-4 NM
MW-3 NM
MW-A NM
MW-1(SPI) NM
MW-6 NM
MW-8 27.22
MW-9 27.23
MW-3(SPI) 26.90
MW-10 27.10
MW-11 26.86
MW-2(SPI) 25.99

Dispenser Islands
Propane Tank
Underground Storage Tanks
Chevron Station Building
Waste Oil Tank
Parking
Prings Restaurant
SITE MONITORED SEMIANNUAL

Approximate groundwater flow direction at a gradient of 0.004 Ft./Ft.

Shadrall Associates Property (Former Liquor Barn Parking Lot)

Former Phillips Station
Quality Tune-up

MW-7A NM
MW-6A NM
MW-4A NM
MW-3A NM
MW-2A NM
Former Underground Storage Tanks
Former Dispenser Islands
Former Mobil Station Building
Commercial Building
MW-7 27.99
MW-1A NM
Tiny's Automotive

Underground Storage Tanks
MW-2 27.65
MW-1 27.64
Dispenser Islands
MW-5 27.44
MW-3 27.50
MW-6 27.63
MW-5A NM
Tosco (Unocal) Station Building
MW-4 27.72
Waste Oil Tank

27.50
27.00
26.50
26.00

EXPLANATION

- Groundwater monitoring well (Tosco)
- Groundwater monitoring well (Shadrall Property)
- Groundwater monitoring well (Former Mobil)
- Groundwater monitoring well (Chevron)
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 Groundwater elevation contour, dashed where inferred.
- NM Not Monitored

N

0 50

Scale in Feet

Source: Figure Modified From Drawing Provided By MPDS Services, Inc.

FIGURE 1

POTENTIOMETRIC MAP
Tosco (Unocal) Service Station No. 3292
15008 East 14th Street
San Leandro, California

REVISED DATE

DATE May 12, 1999

REVIEWED BY

JOB NUMBER 180105

Gettler - Ryan Inc.
6747 Sierra Ct. Suite J
Dublin, CA 94568
(925) 551-7555

HESPERIAN BOULEVARD

MW-7 NS
MW-8 NS
MW-5
MW-1 NS NS
NS MW-2
Dispenser Islands
MW-4 NS
Propane Tank
Underground Storage Tanks
MW-3 NS
NS MW-A
Chevron Station Building
Waste Oil Tank
MW-1SP1 NS
NS MW-6
SITE SAMPLED SEMIANNUAL
Parking
MW-8 650/17/ND
150TH AVENUE
MW-9 930/13/10
MW-3ISP1 4,100/[illegible]/45
Prings Restaurant
Shadrall Associates Property (Former Liquor Barn Parking Lot)
MW-10 7,400/37/170
MW-2ISP1 ND/ND/5.0
MW-11 900/6.6/840
EAST 14TH STREET

Former Phillips Station
Quality Tune-up
NS MW-7A
NS MW-4A
MW-6A NS
Former Underground Storage Tanks
MW-3A NS
MW-2A NS
Former Dispenser Islands
Former Mobil Station Building
Commercial Building
MW-7 4,700/[illegible]/210
MW-1A NS
Tiny's Automotive

Underground Storage Tanks
MW-2 3,100/65/450
MW-1 ND/36/12,000
Dispenser Islands
ND/ND/ND MW-3
ND/ND/ND MW-6
MW-5A NS
MW-5 19,000/110/330
Tosco (Unocal) Station Building
ND/ND/ND MW-4
Waste Oil Tank

EXPLANATION

- ✦ Groundwater monitoring well (Tosco)
- ✦ Groundwater monitoring well (Shadrall Property)
- ✦ Groundwater monitoring well (Former Mobil)
- ✦ Groundwater monitoring well (Chevron)
- *A/B/C* TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/Benzene/MTBE concentrations in ppb
- *ND* Not Detected
- *NS* Not Sampled

N

0 50

Scale in Feet

Source: Figure Modified From Drawing Provided By MPDS Services, Inc.

FIGURE 2

CONCENTRATION MAP
Tosco (Unocal) Service Station No. 3292
15008 East 14th Street
San Leandro, California

REVISED DATE

DATE May 12, 1999

REVIEWED BY

JOB NUMBER 180105

Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (925) 551-7555
Dublin, CA 94568

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1	05/04/91	--	--	31,000	74	20	920	1,500	--
	09/19/91	--	--	26,000	130	16	1,300	1,800	--
	12/18/91	--	--	17,000	160	20	1,400	1,600	--
	03/17/92	--	--	23,000	320	19	1,000	940	--
	05/19/92	--	--	29,000	650	370	1,100	1,200	--
	08/20/92	--	--	18,000	230	22	640	950	--
36.72	09/16/92	13.67	23.05	--	--	--	--	--	--
	10/12/92	14.07	22.65	--	--	--	--	--	--
	11/10/92	13.96	22.76	18,000	220	ND	690	830	--
	12/10/92	13.15	23.57	--	--	--	--	--	--
	01/15/93	10.02	26.70	--	--	--	--	--	--
	02/20/93	9.01	27.71	19,000	190	ND	880	620	--
	03/18/93	9.48	27.24	--	--	--	--	--	--
	04/20/93	9.15	27.57	--	--	--	--	--	--
	05/21/93	9.80	26.92	27,000	150	200	1,200	950	--
	06/22/93	10.33	26.39	--	--	--	--	--	--
	07/23/93	10.79	25.93	--	--	--	--	--	--
	08/23/93	11.27	25.45	24,000	160	110	840	810	--
36.37	09/24/93	11.35	25.02	--	--	--	--	--	--
	11/23/93	11.84	24.53	18,000	210	63	900	620	--
	02/24/94	9.45	26.92	18,000	74	30	940	480	--
	05/25/94 [3]	10.45	25.92	6,400	72	ND	170	67	--
	08/23/94	11.98	24.39	24,000	130	57	970	320	--
	11/23/94	11.17	25.20	23,000	180	44	970	270	--
	02/03/95	8.01	28.36	20,000	77	17	950	390	--
	05/10/95	8.51	27.86	16,000	230	27	880	630	--
	08/02/95	10.00	26.37	18,000	190	ND	860	590	--
	11/02/95	11.11	25.26	--	--	--	--	--	--
	11/20/95 [4]	11.19	25.18	20,000	180	ND	960	450	970
	02/08/96	7.74	28.63	15,000	43	16	940	410	5,200
	05/08/96	8.50	27.87	16,000	37	16	930	410	1,600
	08/09/96	9.72	26.65	2,300	25	ND	77	39	1,200
	11/07/96	10.74	25.63	38,000	140	ND	1,900	5,600	ND
	02/10-11/97	7.92	28.45	7,300	91	ND	170	68	1,700
	05/07/97	9.24	27.13	11,000	120	ND	470	110	1,200

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1	08/05/97	10.20	26.17	530[1]	5.9	ND	5.6	ND	430
(cont)	11/04/97	10.71	25.66	4,100	50	7.0	64	14	97
	02/12/98	6.27	30.10	8,500	160	ND[7]	550	ND[7]	1,900
36.34	05/15/98	7.62	28.72	5,600	57	ND[7]	290	ND[7]	1,500
	08/12/98	8.85	27.49	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	5,800
	11/12/98	9.71	26.63	ND[7]	16	ND[7]	ND[7]	ND[7]	12,000/13,000[12]
	03/01/99	7.85	28.49	5,700	43	ND[7]	320	ND[7]	5,000/9,600[12]
	05/12/99	**8.70**	**27.64**	**ND[7]**	**36**	**ND[7]**	**ND[7]**	**ND[7]**	**12,000/21,000[12]**
MW-2	05/04/91	--	--	19,000	6.6	1.4	460	630	--
	09/19/91	--	--	19,000	100	6.8	790	310	--
	12/18/91	--	--	10,000	110	5.1	420	96	--
	03/17/92	--	--	16,000	110	ND	730	220	--
	05/19/92	--	--	17,000	140	87	680	170	--
	08/20/92	--	--	13,000	52	ND	660	70	--
36.89	09/16/92	13.80	23.09	--	--	--	--	--	--
	10/12/92	14.19	22.70	--	--	--	--	--	--
	11/10/92	14.06	22.83	11,000	36	7.2	570	45	--
	12/10/92	13.21	23.68	--	--	--	--	--	--
	01/15/93	10.12	26.77	--	--	--	--	--	--
	02/20/93	9.07	27.82	1,500	2.9	3.8	9.1	ND	--
	03/18/93	9.55	27.34	--	--	--	--	--	--
	04/20/93	9.19	27.70	--	--	--	--	--	--
	05/21/93	9.84	27.05	9,500	37	ND	470	62	--
	06/22/93	10.37	26.52	--	--	--	--	--	--
	07/23/93	10.83	26.06	--	--	--	--	--	--
	08/23/93	11.30	25.59	15,000	110	ND	590	64	--
36.34	09/24/93	11.14	25.20	--	--	--	--	--	--
	11/23/93	11.69	24.65	11,000	80	10	480	20	--
	02/24/94 [5]	9.27	27.07	11,000	44	ND	580	32	--
	05/25/94	10.30	26.04	11,000	50	ND	400	22	--
	08/23/94	11.82	24.52	12,000	45	10	360	20	--
	11/23/94	10.97	25.37	15,000	61	24	440	ND	--
	02/03/95	7.87	28.47	9,700	5.7	ND	250	10	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	05/10/95	8.38	27.96	7,500	56	4.7	310	33	--
(cont)	08/02/95	9.36	26.98	8,200	53	22	220	25	--
	11/02/95	10.95	25.39	5,000	56	4.5	170	7.7	110
	02/08/96	7.52	28.82	7,200	ND	ND	170	ND	ND
	05/08/96	8.21	28.13	8,400	5.6	9.0	170	10	130
	08/09/96	9.54	26.80	3,100	24	ND	80	ND	64
	11/07/96	10.69	25.65	36,000	140	ND	1,900	5,600	ND
	02/10-11/97	7.75	28.59	4,600	27	ND	53	ND	ND
	05/07/97	9.14	27.20	5,300	61	ND	78	20	180
	08/05/97	10.23	26.11	3,100	35	ND	13	ND	58
	11/04/97	10.65	25.69	1,200	16	ND	11	25	53
	02/12/98	6.20	30.14	630	12	ND[7]	7.3	ND[7]	48
36.30	05/15/98	7.50	28.80	3,600	19	ND[7]	33	ND[7]	72
	08/12/98	8.82	27.48	3,100	44	6.1	15	5.7	270
	11/12/98	9.60	26.70	3,200[13]	44	ND[7]	15	ND[7]	180
	03/01/99	7.81	28.49	3,600	45	6.2	7.5	ND[7]	570
	05/12/99	**8.65**	**27.65**	**3,100**	**65**	**ND[7]**	**15**	**17**	**450**
MW-3	05/04/91	--	--	9,100	2.0	ND	55	180	--
	09/19/91	--	--	7,600	ND	13	190	170	--
	12/18/91	--	--	5,900	54	6.4	110	64	--
	03/17/92	--	--	5,800	66	7.5	100	58	--
	05/19/92	--	--	3,400	25	3.6	66	41	--
	08/20/92	--	--	4,500	58	ND	65	35	--
36.84	09/16/92	13.74	23.10	--	--	--	--	--	--
	10/12/92	14.13	22.71	--	--	--	--	--	--
	11/10/92	14.03	22.81	3,400	37	ND	85	34	--
	12/10/92	13.15	23.69	--	--	--	--	--	--
	01/15/93	10.07	26.77	--	--	--	--	--	--
	02/20/93	9.02	27.82	1,600	12	18	8.9	12	--
	03/18/93	9.50	27.34	--	--	--	--	--	--
	04/20/93	9.02	27.82	--	--	--	--	--	--
	05/21/93	9.70	27.14	2,600	42	ND	43	15	--
	06/22/93	10.28	26.56	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	07/23/93	10.74	26.10	--	--	--	--	--	--
(cont)	08/23/93	11.24	25.60	2,900	25	ND	50	18	--
36.42	09/24/93	11.20	25.22	--	--	--	--	--	--
	11/23/93	11.78	24.64	2,300	34	ND	24	5.6	--
	02/24/94	9.21	27.21	3,400	46	ND	53	11	--
	05/25/94	10.34	26.08	1,400	20	ND	ND	ND	--
	08/23/94	11.88	24.54	2,900	37	49	14	2.9	--
	11/23/94	10.98	25.44	3,200	48	ND	22	ND	--
	02/03/95	7.82	28.60	780	13	ND	2.1	ND	--
	05/10/95	8.38	28.04	1,300	ND	ND	ND	ND	--
	08/02/95	9.49	26.93	1,500	6.3	ND	16	2.1	--
	11/02/95	11.00	25.42	1,100	5.2	2.1	7.4	0.5	15
	02/08/96	7.41	29.01	450	ND	ND	ND	ND	ND
	05/08/96	8.20	28.22	590	ND	11	10	ND	ND
	08/09/96	9.53	26.89	ND	ND	ND	ND	ND	ND
	11/07/96	10.96	25.46	140	1.2	ND	ND	ND	5.6
	02/10-11/97	7.71	28.71	89	1.8	ND	ND	ND	ND
	05/07/97	9.17	27.25	52[2]	ND	ND	ND	5.1	5.1
	08/05/97	10.27	26.15	ND	ND	ND	ND	ND	ND
	11/04/97	10.83	25.59	93	1.8	ND	ND	ND	6.2
	02/12/98	6.00	30.42	56	0.59	ND	ND	ND	2.7
36.42	05/15/98	7.42	29.00	130[8]	0.68	ND	ND	0.63	10
	08/12/98	8.84	27.58	50	ND	ND	ND	ND	ND
	11/12/98	9.57	26.85	60[13]	ND	ND	ND	ND	3.8
	03/01/99	8.74	27.68	66	ND	ND	ND	ND	3.2
	05/12/99	**8.92**	**27.50**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-4	05/04/91	--	--	6,300	ND	ND	2.8	61	--
	09/19/91	--	--	1,800	0.83	ND	54	46	--
	12/18/91	--	--	2,500	28	2.5	54	22	--
	03/17/92	--	--	1,800	3.7	1.4	90	21	--
	05/19/92	--	--	2,000	20	3.5	42	8.3	--
	08/20/92	--	--	1,000	15	ND	11	3.0	--
37.40	09/16/92	14.31	23.09	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4	10/12/92	14.72	22.68	--	--	--	--	--	--
(cont)	11/10/92	14.57	22.83	690	9.1	ND	16	2.8	--
	12/10/92	13.67	23.73	--	--	--	--	--	--
	01/15/93	10.62	26.78	--	--	--	--	--	--
	02/20/93	9.59	27.81	2,400	40	2.1	33	ND	--
	03/18/93	9.97	27.43	--	--	--	--	--	--
	04/20/93	9.67	27.73	--	--	--	--	--	--
	05/21/93	10.32	27.08	1,900	31	ND	20	4.5	--
	06/22/93	10.91	26.49	--	--	--	--	--	--
	07/23/93	11.38	26.02	--	--	--	--	--	--
	08/23/93	11.86	25.54	1,200	5.0	ND	16	ND	--
37.04	09/24/93	11.85	25.19	--	--	--	--	--	--
	11/23/93	12.44	24.60	720	10	ND	8.7	ND	--
	02/24/94	9.89	27.15	1,300	8.9	ND	20	ND	--
	05/25/94	11.02	26.02	1,700	22	ND	4.5	ND	--
	08/23/94	12.57	24.47	690	9.2	1.3	7.1	1.9	--
	11/23/94	11.65	25.39	420	5.0	1.1	4.2	1.2	--
	02/03/95	8.52	28.52	620	6.4	ND	9.3	ND	--
	05/10/95	9.97	27.07	280	2.8	ND	2.7	2.4	--
	08/02/95	10.18	26.86	290	3.6	ND	2.8	ND	--
	11/02/95	11.67	25.37	42,000	390	210	2,800	6,300	270
	02/08/96	8.15	28.89	130	2.1	ND	1.5	0.69	ND
	05/08/96	INACCESSIBLE	--	--	--	--	--	--	--
	08/09/96	10.24	26.80	ND	ND	ND	ND	ND	ND
	11/07/96	11.58	25.46	ND	ND	ND	ND	ND	ND
	02/10-11/97	8.45	28.59	ND	ND	ND	ND	ND	ND
	05/07/97	9.85	27.19	ND	ND	ND	ND	ND	ND
	08/05/97	11.04	26.00	50	0.76	ND	ND	ND	ND
	11/04/97	11.46	25.58	ND	ND	ND	ND	ND	ND
	02/12/98	5.75	31.29	ND	ND	ND	ND	ND	ND
37.04	05/15/98	7.28	29.76	ND	ND	ND	ND	ND	ND
	08/12/98	9.85	27.19	ND	ND	ND	ND	ND	ND
	11/12/98	10.28	26.76	ND	ND	ND	ND	ND	ND
	03/01/99	8.51	28.53	ND	ND	ND	ND	ND	ND
	05/12/99	**9.32**	**27.72**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	05/04/91	--	--	69,000	1,400	2,500	3,500	15,000	--
	09/19/91	--	--	57,000	1,600	2,700	5,200	20,000	--
	12/18/91	--	--	31,000	1,600	3,100	4,800	19,000	--
	03/17/92	--	--	81,000	850	1,600	4,800	18,000	--
	05/19/92	--	--	84,000	760	1,500	4,000	17,000	--
	08/20/92	--	--	58,000	660	1,700	4,200	19,000	--
36.40	09/16/92	13.37	23.03	--	--	--	--	--	--
	10/12/92	13.75	22.65	--	--	--	--	--	--
	11/10/92	13.68	22.72	57,000	800	1,800	4,400	18,000	--
	12/10/92	12.58	23.82	--	--	--	--	--	--
	01/15/93	9.71	26.69	--	--	--	--	--	--
	02/20/93	8.69	27.71	17,000	75	ND	1,000	620	--
	03/18/93	9.16	27.24	--	--	--	--	--	--
	04/20/93	8.88	27.52	--	--	--	--	--	--
	05/21/93	9.56	26.84	55,000	ND	160	3,500	12,000	--
	06/22/93	10.05	26.35	--	--	--	--	--	--
	07/23/93	10.53	25.87	--	--	--	--	--	--
	08/23/93	10.98	25.42	61,000	340	380	3,600	14,000	--
35.94	09/24/93	10.94	25.00	--	--	--	--	--	--
	11/23/93	11.45	24.49	46,000	290	310	4,100	15,000	--
	02/24/94	9.02	26.92	57,000	140	400	4,400	16,000	--
	05/25/94	10.03	25.91	53,000	ND	ND	4,000	14,000	--
	08/23/94	11.57	24.37	61,000	360	380	4,800	17,000	--
	11/23/94	10.71	25.23	46,000	230	260	3,900	14,000	--
	02/03/95	7.69	28.25	56,000	140	330	3,500	13,000	--
	05/10/95	8.20	27.74	27,000	160	170	2,200	5,200	--
	08/02/95	9.23	26.71	65,000	260	300	3,500	12,000	--
	11/02/95	10.70	25.24	240	0.76	ND	1.1	ND	ND
	02/08/96	7.36	28.58	54,000	210	150	3,400	12,000	170
	05/08/96	8.25	27.69	52,000	170	200	3,600	11,000	170
	08/09/96	9.37	26.57	25,000	54	16	1,700	4,700	ND
	11/07/96	10.65	25.29	2,100	42	ND	9.3	ND	2,300
	02/10-11/97	7.63	28.31	15,000	46	29	1,400	4,100	ND
	05/07/97	8.98	26.96	38,000	120	ND	2,000	5,100	380

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	08/05/97	11.08	24.86	310	1.0	ND	17	40	ND
(cont)	11/04/97	10.72	25.22	20,000	ND	ND	1,500	2,800	280
	02/12/98	6.08	29.86	33,000	120	ND[7]	1,700	3,800	ND[7]
35.92	05/15/98	7.40	28.52	30,000	ND[7]	ND[7]	2,200	4,900	ND[7]
	08/12/98	8.69	27.23	24,000	100	ND[7]	ND[7]	3,400	1,000
	11/12/98	9.48	26.44	13,000[13]	65	ND[7]	1,100	1,400	780
	03/01/99	7.54	28.38	29,000	75	ND[7]	2,000	4,100	690
	05/12/99	**8.48**	**27.44**	**19,000**	**110**	ND[7]	**990**	**1,900**	**330**
MW-6	05/19/92	--	--	1,300	2.0	2.1	ND	2.7	--
	08/20/92	--	--	280	8.4	ND	0.51	0.84	--
36.03	09/16/92	12.91	23.12	--	--	--	--	--	--
	10/12/92	13.28	22.75	--	--	--	--	--	--
	11/10/92	13.18	22.85	490	7.0	1.2	1.7	ND	--
	12/10/92	12.33	23.70	--	--	--	--	--	--
	01/15/93	9.25	26.78	--	--	--	--	--	--
	02/20/93	8.24	27.79	2,400	43	ND	33	2.0	--
	03/18/93	8.74	27.29	--	--	--	--	--	--
	04/20/93	8.12	27.91	--	--	--	--	--	--
	05/21/93	8.83	27.20	940	18	1.0	7.1	2.7	--
	06/22/93	9.38	26.65	--	--	--	--	--	--
	07/23/93	9.87	26.16	--	--	--	--	--	--
	08/23/93	10.35	25.68	1,000	9.4	2.3	5.0	2.3	--
35.67	09/24/93	10.34	25.33	--	--	--	--	--	--
	11/23/93	10.96	24.71	520	ND	1.7	1.9	0.82	--
	02/24/94 [5]	8.39	27.28	810	12	ND	2.6	0.77	--
	05/25/94	9.55	26.12	500	11	ND	ND	0.73	--
	08/23/94	10.97	24.70	570	8.8	2.5	3.2	2.6	--
	11/23/94	10.21	25.46	460	6.4	1.1	1.9	1.1	--
	02/03/95	6.99	28.68	660	4.8	13	1.4	ND	--
	05/10/95	7.53	28.14	470	ND	0.65	1.4	0.67	--
	08/02/95	8.68	26.99	360	3.2	ND	1.6	ND	--
	11/02/95	10.20	25.47	470	ND	0.92	0.89	0.58	5.5
	02/08/96	6.66	29.01	450	3.1	ND	1.1	0.68	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	05/08/96	7.40	28.27	ND	ND	ND	ND	ND	ND
(cont)	08/09/96	8.72	26.95	ND	ND	ND	ND	ND	ND
	11/07/96	10.12	25.55	ND	ND	ND	ND	ND	ND
	02/10-11/97	6.88	28.79	ND	ND	ND	ND	ND	ND
	05/07/97	8.32	27.35	ND	ND	1.1	ND	ND	ND
	08/05/97	9.64	26.03	55	0.79	ND	ND	ND	ND
	11/04/97	10.30	25.37	ND	ND	ND	ND	ND	ND
	02/12/98	5.10	30.57	ND	ND	ND	ND	ND	ND
35.68	05/15/98	6.61	29.07	ND	ND	ND	ND	ND	ND
	08/12/98	8.02	27.66	ND	ND	ND	ND	ND	ND
	11/12/98	8.74	26.94	ND	ND	ND	ND	ND	ND
	03/01/99	7.22	28.46	ND	ND	ND	ND	ND	ND
	05/12/99	**8.05**	**27.63**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-7	05/19/92	--	--	17,000	540	90	1,200	1,900	--
	08/20/92	--	--	13,000	460	54	ND	3,100	--
36.40	09/16/92	13.23	23.17	--	--	--	--	--	--
	10/12/92	13.65	22.75	--	--	--	--	--	--
	11/10/92	13.54	22.86	1,800	74	ND	230	350	--
	12/10/92	12.52	23.88	--	--	--	--	--	--
	01/15/93	9.59	26.81	--	--	--	--	--	--
	02/20/93	8.55	27.85	1,800	37	4.6	11	7.7	--
	03/18/93	8.98	27.42	--	--	--	--	--	--
	04/20/93	8.52	27.88	--	--	--	--	--	--
	05/21/93	9.16	27.24	22,000	330	37	2,100	2,900	--
	06/22/93	9.66	26.74	--	--	--	--	--	--
	07/23/93	10.15	26.25	--	--	--	--	--	--
	08/23/93	10.65	25.75	33,000	360	ND	2,500	4,300	--
36.09	09/24/93	10.77	25.32	--	--	--	--	--	--
	11/23/93	11.28	24.81	19,000	310	30	2,500	2,300	--
	02/24/94 [5]	8.95	27.14	16,000	220	19	2,400	3,200	--
	05/25/94	10.00	26.09	14,000	200	ND	1,500	1,800	--
	08/23/94	11.43	24.66	19,000	210	50	2,000	2,800	--
	11/23/94	10.69	25.40	10,000	220	ND	1,000	730	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7	02/03/95	7.49	28.60	26,000	170	ND	2,300	3,700	--
(cont)	05/10/95	7.88	28.21	1,300	13	1.5	170	230	--
	08/02/95	9.02	27.07	15,000	200	ND	2,200	2,000	--
	11/02/95	10.55	25.54	18,000	190	9.4	2,100	2,200	72
	02/08/96	7.13	28.96	19,000	150	ND	2,100	3,000	ND
	05/08/96	7.11	28.98	13,000	130	18	1,900	1,600	85
	08/09/96	9.07	27.02	11,000	67	ND	1,700	1,800	ND
	11/07/96	10.76	25.33	32,000	160	ND	3,300	8,400	570
	02/10-11/97	7.22	28.87	7,100	55	ND	ND	620	ND
	05/07/97	8.47	27.62	6,000	74	ND	560	330	250
	08/05/97	10.25	25.84	5,000	66	ND	420	240	ND
	11/04/97	10.69	25.40	20,000	67	ND	2,300	4,300	430
	02/12/98	5.02	31.07	5,500	95	ND[7]	150	110	ND[7]
36.06	05/15/98	6.98	29.08	1,300	ND[7]	ND[7]	69	64	88
	08/12/98	8.42	27.64	1,400	12	2.3	67	ND[7]	30
	11/12/98	9.10	26.96	6,300[13]	63	ND[7]	230	100	ND[7]
	03/01/99	7.14	28.92	1,000	24	ND[7]	23	26	39
	05/12/99	**8.07**	**27.99**	**4,700**	**79**	**ND[7]**	**120**	**210**	**210**
MW-8	05/19/92	--	--	5,300	28	3.3	2.6	2.1	--
	08/20/92	--	--	3,500[1]	67	11	ND	ND	--
37.14	09/16/92	14.13	23.01	--	--	--	--	--	--
	10/12/92	14.51	22.63	--	--	--	--	--	--
	11/10/92	14.46	22.68	1,800	20	ND	ND	ND	--
	12/10/92	13.51	23.63	--	--	--	--	--	--
	01/15/93	10.50	26.64	--	--	--	--	--	--
	02/20/93	9.50	27.64	2,200	32	ND	42	5.0	--
	03/18/93	9.89	27.25	--	--	--	--	--	--
	04/20/93	9.91	27.23	--	--	--	--	--	--
	05/21/93	10.40	26.74	2,500	44	ND	ND	ND	--
	06/22/93	10.86	26.28	--	--	--	--	--	--
	07/23/93	11.29	25.85	--	--	--	--	--	--
	08/23/93	11.76	25.38	280[1]	49	4.5	ND	ND	--
36.89	09/24/93	12.00	24.89	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8	11/23/93	12.38	24.51	1,800	ND	3.4	ND	ND	--
(cont)	02/24/94	10.44	26.45	1,200	10	2.3	ND	3.2	--
	05/25/94	11.12	25.77	14,000	29	ND	ND	ND	--
	08/23/94	12.61	24.28	3,200	46	18	2.0	7.2	--
	11/23/94	11.98	24.91	1,700	34	ND	ND	3.1	--
	02/03/95	9.16	27.73	800	6.1	ND	ND	ND	--
	05/10/95	9.35	27.54	1,400	15	1.5	0.65	0.84	--
	08/02/95	10.40	26.49	690	8.3	1.9	ND	ND	--
	11/02/95	11.80	25.09	1,200	ND	1.9	0.56	ND	6.4
	02/08/96	8.98	27.91	--	--	--	--	--	--
	02/14/96 [6]	9.24	27.65	650	9.0	1.2	ND	0.52	ND
	05/08/96	9.46	27.43	1,200	0.7	35	2.2	3.0	ND
	08/09/96	10.47	26.42	350	ND	12	0.81	0.95	ND
	11/07/96	11.71	25.18	1,000	23	ND	ND	ND	ND
	02/10-11/97	8.84	28.05	630	13	ND	ND	8.1	ND
	05/07/97	10.12	26.77	1,200[1]	26	3.4	ND	20	20
	08/05/97	11.26	25.63	590[1]	9.8	ND	ND	ND	ND
	11/04/97	11.58	25.31	640	14	1.9	5.7	11	ND
	02/12/98	7.34	29.55	770[8]	20	3.0	ND[7]	ND[7]	ND[7]
36.87	05/15/98	8.67	28.20	840[8]	10	ND[7]	ND[7]	3.1	ND[7]
	08/12/98	9.78	27.09	240[10]	0.75	ND	ND	ND	ND
	11/12/98	10.62	26.25	300	14	2.0	ND[7]	ND[7]	ND[7]
	03/01/99	9.02	27.85	1,100	22	4.6	2.1	4.9	12
	05/12/99	**9.65**	**27.22**	**650**	**17**	**ND[7]**	**ND[7]**	**ND[7]**	**ND[7]**
MW-9	05/19/92	--	--	8,100	11	ND	25	5.8	--
	08/20/92	--	--	3,800[1]	37	ND	ND	ND	--
36.92	09/16/92	13.90	23.02	--	--	--	--	--	--
	10/12/92	14.28	22.64	--	--	--	--	--	--
	11/10/92	14.22	22.70	4,200	ND	ND	21	23	--
	12/10/92	13.40	23.52	--	--	--	--	--	--
	01/15/93	10.24	26.68	--	--	--	--	--	--
	02/20/93	9.22	27.70	2,300	47	ND	32	ND	--
	03/18/93	9.55	27.37	--	--	--	--	--	--

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Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-9	04/20/93	9.62	27.30	--	--	--	--	--	--
(cont)	05/21/93	10.16	26.76	3,200	32	ND	8.1	ND	--
	06/22/93	10.62	26.30	--	--	--	--	--	--
	07/23/93	11.07	25.85	--	--	--	--	--	--
	08/23/93	11.54	25.38	3,000	29	ND	ND	ND	--
36.29	09/24/93	11.18	25.11	--	--	--	--	--	--
	11/23/93	11.80	24.49	2,500	23	2.1	ND	ND	--
	02/24/94	9.74	26.55	2,900	35	ND	ND	ND	--
	05/25/94	10.48	25.81	ND	ND	ND	ND	ND	--
	08/23/94	11.99	24.30	2,800	28	32	ND	ND	--
	11/23/94	11.31	24.98	2,000	24	2.2	2.2	2.5	--
	02/03/95	8.45	27.84	2,100	26	2.5	ND	ND	--
	05/10/95	8.70	27.59	1,700	0.81	2.2	1.0	1.4	--
	08/02/95	9.75	26.54	1,900	26	6.6	ND	3.9	--
	11/02/95	11.16	25.13	1,600	ND	1.3	ND	ND	11
	02/08/96	8.15	28.14	1,900	ND	ND	ND	ND	ND
	05/08/96	8.75	27.54	1,700	1.9	22	1.7	2.7	ND
	08/09/96	9.84	26.45	200	ND	4.5	ND	0.58	ND
	11/07/96	11.10	25.19	920	24	ND	ND	ND	ND
	02/10-11/97	8.15	28.14	580	14	2.4	ND	ND	16
	05/07/97	9.45	26.84	810	11	3.9	1.7	9.9	13
	08/05/97	10.70	25.59	850[1]	21	ND	ND	ND	33
	11/04/97	11.05	25.24	730	11	ND	5.1	11	ND
	02/12/98	6.60	29.69	820[8]	23	3.2	ND[7]	ND[7]	18
36.27	05/15/98	8.01	28.26	390	5.5	1.2	ND	13	13
	08/12/98	9.18	27.09	780	14	ND	0.52	ND	12
	11/12/98	9.91	26.36	180	6.3	ND	ND	0.62	8.1
	03/01/99	8.34	27.93	790[8]	24	ND	ND	1.7	32
	05/12/99	**9.04**	**27.23**	**930[16]**	**13**	**2.2**	**1.2**	**1.5**	**10**
MW-10	08/20/92	--	--	15,000	230	ND	1,000	350	--
36.26	09/16/92	13.28	22.98	--	--	--	--	--	--
	10/12/92	13.67	22.59	--	--	--	--	--	--
	11/10/92	13.59	22.67	15,000	300	42	3,500	330	--
	12/10/92	12.53	23.73	--	--	--	--	--	--

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Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-10	01/15/93	9.60	26.66	--	--	--	--	--	--
(cont)	02/20/93	8.57	27.69	17,000	74	ND	1,000	620	--
	03/18/93	9.03	27.23	--	--	--	--	--	--
	04/20/93	9.09	27.17	--	--	--	--	--	--
	05/21/93	9.63	26.63	23,000	250	ND	3,000	240	--
	06/22/93	10.12	26.14	--	--	--	--	--	--
	07/23/93	10.54	25.72	--	--	--	--	--	--
	08/23/93	10.99	25.27	20,000	230	13	3,200	140	--
36.04	09/24/93	11.17	24.87	--	--	--	--	--	--
	11/23/93	11.67	24.37	18,000	300	10	2,800	110	--
	02/24/94	9.57	26.47	15,000	330	19	2,000	83	--
	05/25/94	10.32	25.72	14,000	240	ND	230	62	--
	08/23/94	11.81	24.23	16,000	250	41	1,800	74	--
	11/23/94	11.10	24.94	16,000	260	ND	1,600	49	--
	02/03/95	8.32	27.72	17,000	310	ND	1,500	93	--
	05/10/95	8.70	27.34	12,000	260	16	1,200	54	--
	08/02/95	9.55	26.49	8,900	240	ND	780	40	--
	11/02/95	11.03	25.01	9,300	190	ND	470	1.7	110
	02/08/96	8.05	27.99	9,700	170	ND	440	ND	ND
	05/08/96	8.70	27.34	7,100	100	ND	240	ND	43
	08/09/96	9.76	26.28	4,400	59	7.5	110	6.5	73
	11/07/96	10.92	25.12	6,300	65	ND	110	ND	130
	02/10-11/97	8.10	27.94	6,800	91	ND	100	ND	210
	05/07/97	9.28	26.76	4,800	76	ND	50	ND	160
	08/05/97	10.51	25.53	4,200	52	ND	40	ND	81
	11/04/97	11.02	25.02	4,500	49	ND	63	ND	84
	02/12/98	6.85	29.19	6,200	98	ND[7]	91	ND[7]	420
36.02	05/15/98	8.05	27.97	7,200	84	ND[7]	84	ND[7]	260
	08/12/98	9.27	26.75	7,500	6.9	11	47	ND[7]	130
	11/12/98	10.03	25.99	4,200[13]	23	ND[7]	24	ND[7]	130
	03/01/99	8.56	27.46	5,900[8]	37	ND[7]	50	26	300
	05/12/99	**8.92**	**27.10**	**7,400[16]**	**37**	**ND[7]**	**32**	**ND[7]**	**170**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11	08/20/92	--	--	4,600[1]	62	ND	ND	54	--
35.83	09/16/92	12.93	22.90	--	--	--	--	--	--
	10/12/92	13.30	22.53	--	--	--	--	--	--
	11/10/92	13.20	22.63	5,800	130	ND	260	42	--
	12/10/92	12.24	23.59	--	--	--	--	--	--
	01/15/93	9.23	26.60	--	--	--	--	--	--
	02/20/93	8.20	27.63	18,000	76	ND	1,000	630	--
	03/18/93	8.77	27.06	--	--	--	--	--	--
	04/20/93	8.86	26.97	--	--	--	--	--	--
	05/21/93	9.40	26.43	7,100	64	ND	340	120	--
	06/22/93	9.87	25.96	--	--	--	--	--	--
	07/23/93	10.29	25.54	--	--	--	--	--	--
	08/23/93	10.73	25.10	5,400	68	ND	230	43	--
35.50	09/24/93	10.83	24.67	--	--	--	--	--	--
	11/23/93	11.28	24.22	3,400	105	ND	120	43	--
	02/24/94	9.20	26.30	4,600	170	ND	140	36	--
	05/25/94	9.94	25.56	1,400	49	ND	26	ND	--
	08/23/94	11.39	24.11	7,300	250	13	150	42	--
	11/23/94	10.67	24.83	5,800	250	10	120	22	--
	02/03/95	8.02	27.48	4,400	110	ND	150	37	--
	05/10/95	8.36	27.14	4,200	120	ND	170	38	--
	08/02/95	9.31	26.19	4,200	110	ND	110	22	--
	11/02/95	10.85	24.65	6,100	150	ND	78	6.8	6,200
	02/08/96	7.76	27.74	--	--	--	--	--	--
	02/14/96 [6]	8.18	27.32	3,100	60	ND	98	ND	4,000
	05/08/96	8.50	27.00	3,500	120	ND	160	ND	6,400
	08/09/96	9.46	26.04	1,100	42	ND	15	ND	4,300
	11/07/96	10.58	24.92	2,900	57	ND	13	ND	3,400
	02/10-11/97	7.88	27.62	600	9.5	ND	ND	ND	3,100
	05/07/97	9.07	26.43	1,900	45	ND	31	ND	2,400
	08/05/97	10.23	25.27	2,100	35	ND	24	ND	1,800
	11/04/97	10.51	24.99	98	1.6	ND	ND	ND	ND
	02/12/98	6.59	28.91	670	12	ND[7]	ND[7]	ND[7]	1,400
35.50	05/15/98	7.73	27.77	1,200[9]	7.9	ND[7]	30	ND[7]	1,600
	08/12/98	8.85	26.65	1,600[11]	ND[7]	ND[7]	ND[7]	ND[7]	2,000

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11	11/12/98	9.52	25.98	1,700[13]	9.3	ND[7]	ND[7]	ND[7]	1,700
(cont)	03/01/99	8.00	27.50	530	4.9	ND[7]	ND[7]	ND[7]	870
	05/12/99	**8.64**	**26.86**	**900**	**6.6**	**ND[7]**	**ND[7]**	**ND[7]**	**840**
MW-2(SP)									
35.44	05/08/96	9.12	26.32	540	0.68	21	1.0	1.7	ND
	08/09/96	9.98	25.46	170	ND	7.8	ND	ND	ND
	11/07/96	10.98	24.46	430	8.9	1.5	ND	ND	10
	02/10-11/97	8.63	26.81	230[2]	4.6	1.0	ND	ND	10
	05/07/97	9.58	25.86	ND	ND	ND	ND	ND	14
	08/05/97	10.62	24.82	360	5.5	50	ND	ND	ND
	11/04/97	11.06	24.38	280	2.9	13	ND	0.54	ND
	02/12/98	7.71	27.73	440[8]	10	1.6	ND	0.69	13
	05/15/98	8.50	26.94	540[8]	10	1.1	ND	1.1	15
	08/12/98	9.43	26.01	ND	ND	ND	ND	ND	ND
	11/12/98	9.98	25.46	300[14]	6.1	ND[7]	ND[7]	4.0	ND[7]
	03/01/99	8.70	26.74	57	ND	ND	ND	ND	4.5
	05/12/99	**9.45**	**25.99**	**ND**	**ND**	**ND**	**ND**	**ND**	**5.0**
MW-3(SP)									
35.81	05/08/96	8.73	27.08	4,700	7.9	36	13	4.0	42
	08/09/96	9.73	26.08	2,000	ND	14	7.6	ND	ND
	11/07/96	10.88	24.93	1,800	29	ND	ND	ND	40
	02/10-11/97	8.16	27.65	3,500	70	14	ND	ND	150
	05/07/97	9.35	26.46	3,100	48	ND	ND	ND	110
	08/05/97	10.44	25.37	3,200	43	5.7	ND	ND	61
	11/04/97	10.90	24.91	2,600	34	ND	ND	ND	53
	02/12/98	6.77	29.04	3,200	62	ND[7]	ND[7]	ND[7]	100
35.82	05/15/98	8.02	27.80	ND	ND	ND	ND	ND	2.5
	08/12/98	9.11	26.71	110	ND	4.1	ND	ND[7]	ND
	11/12/98	9.81	26.01	1,800[15]	37	2.8	ND[7]	ND[7]	55
	03/01/99	8.27	27.55	2,900[8]	12	3.6	ND[7]	ND[7]	110
	05/12/99	**8.92**	**26.90**	**4,100[16]**	**34**	**ND[7]**	**ND[7]**	**ND[7]**	**45**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID/ TOC*	Date	DTW *(ft.)*	GWE *(msl)*	TPH(G) *(ppb)*	B *(ppb)*	T *(ppb)*	E *(ppb)*	X *(ppb)*	MTBE *(ppb)*
Trip Blank									
TB-LB	02/12/98	--	--	ND	ND	ND	ND	ND	ND
	05/15/98	--	--	ND	ND	ND	ND	ND	ND
	08/12/98	--	--	ND	ND	ND	ND	ND	ND
	11/12/98	--	--	ND	ND	0.68	ND	0.51	ND
	03/01/99	--	--	ND	ND	ND	ND	ND	ND
	05/12/99	**--**	**--**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #3292
15008 East 14th Street
San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to February 12, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing elevation
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
msl = Relative to mean sea level
TPH(G) = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

ppb = Parts per billion
ND = Not Detected
-- = Not Measured/Not Analyzed
(SP) = Shadrall Property wells

* TOC elevations are relative to Mean Sea Level (msl), per a Benchmark located at the northwest corner of East 14th Street and 150th Avenue (Elevation = 36.88 feet msl). TOC elevations for MW-2(SP) and MW-3(SP) are relative to msl, per Chevron monitoring well MW-6 used as a benchmark (Elevation = 36.92 feet msl). On April 16, 1998, three wells were re-surveyed using City of San Leandro Benchmark being a cinch nail in the top of curb at a catch basin at the westerly corner of East 14th Street and 150th Avenue, Benchmark (Elevation = 36.883 feet, msl). Prior to September 24, 1993, DTW measurement were taken from the top of well covers.

1 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
2 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.
3 The analytical results of the groundwater were inconsistent with the previous analytical results for this well. The laboratory re-analyzed the sample past hold time; therefore the results may be biased low.
4 The monitoring well was resampled on November 20, 1995. The vial containing the water sample collected from this well on November 2, 1995, was inadvertently broken by the laboratory.
5 All EPA Method 8010 constituents were ND.
6 The monitoring wells MW-8 and MW-11 were resampled on February 14, 1996. The vials containing the water samples collected from the wells on February 8, 1996, were inadvertently broken by the laboratory.
7 Detection limit raised. Refer to analytical results.
8 Laboratory report indicates gasoline and unidentified hydrocarbons < C7.
9 Laboratory report indicates gasoline and discrete peaks C6-C12.
10 Laboratory report indicates gasoline and unidentified hydrocarbons C6-C8.
11 Laboratory report indicates weathered gasoline C6-C12.
12 **MTBE by EPA Method 8260.**
13 Laboratory report indicates unidentified hydrocarbons > C8.
14 Laboratory report indicates unidentified hydrocarbons > C6.
15 Laboratory report indicates weathered gas and unidentified hydrocarbons > C6.
16 Laboratory report indicates gasoline and unidentified hydrocarbons < C6.

Table 2

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #3292
15008 East 14th Street
San Leandro, California

Well ID	Date	@ Laboratory (mg/L)	Before Purging (mg/L) ♦	After Purging (mg/L) ♦
MW-1	11/02/95	1.80	2.83	--
	02/08/96	--	2.58	--
	05/08/96	--	--	1.92
	08/09/96	--	2.14	--
	11/07/96	--	2.11	2.18
	02/11/97	--	--	2.05
	08/05/97	--	--	1.88
	11/04/97	--	--	2.67
	02/12/98	--	2.38	--
	05/15/98	--	2.12	--
	08/12/98	--	1.77	--
	11/12/98	--	1.55	--
	03/01/99	--	1.77	--
	05/12/99	--	**1.86**	--
MW-2	11/02/95	2.30	2.80	--
	02/08/96	--	2.21	--
	05/08/96	--	--	3.89
	08/09/96	--	3.36	--
	11/07/96	--	1.96	1.98
	02/11/97	--	--	2.12
	08/05/97	--	--	2.38
	11/04/97	--	--	2.18
	02/12/98	--	2.04	--
	05/15/98	--	2.33	--
	08/12/98	--	2.50	--
	11/12/98	--	1.90	--
	03/01/99	--	1.82	--
	05/12/99	--	**2.32**	--
MW-3	11/02/95	2.20	4.98	--
	02/08/96	--	2.78	--
	05/08/96	--	--	3.73
	08/09/96	--	3.29	--
	11/07/96	--	3.15	3.98
	02/10/97	--	--	3.59
	08/05/97	--	--	2.86
	11/04/97	--	--	2.95
	02/12/98	--	3.12	--
	05/15/98	--	3.97	--
	08/12/98	--	4.21	--
	03/01/99	--	4.56	--
	03/01/99	--	5.19	--
	05/12/99	--	**3.87**	--
MW-4	11/02/95	3.00	7.91	--
	02/08/96	--	2.66	--
	05/08/96	--	--	--

Table 2

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID	Date	@ Laboratory (mg/L)	Before Purging (mg/L) ♦	After Purging (mg/L) ♦
MW-4	08/09/96	--	2.92	--
(cont)	11/07/96	--	4.32	4.38
	02/10/97	--	--	3.87
	08/05/97	--	--	5.12
	11/04/97	--	--	3.98
	02/12/98	--	4.88	--
	05/15/98	--	5.13	--
	08/12/98	--	5.62	--
	11/12/98	--	5.76	--
	03/01/99	--	5.55	--
	05/12/99	**--**	**5.64**	--
MW-5	11/02/95	3.00	2.30	--
	02/08/96	--	2.35	--
	05/08/96	--	--	1.29
	08/09/96	--	2.19	--
	11/07/96	--	1.84	1.82
	02/10/97	--	--	2.07
	08/05/97	--	--	2.36
	11/04/97	--	--	1.99
	02/12/98	--	1.79	--
	05/15/98	--	1.66	--
	08/12/98	--	1.71	--
	11/12/98	--	1.81	--
	03/01/99	--	1.67	--
	05/12/99	**--**	**1.73**	**--**
MW-6	11/02/95	3.80	4.55	--
	02/08/96	--	3.77	--
	05/08/96	--	--	3.40
	08/09/96	--	3.53	--
	11/07/96	--	3.99	4.06
	02/10/97	--	--	3.85
	08/05/97	--	--	5.37
	11/04/97	--	--	3.67
	02/12/98	--	4.05	--
	05/15/98	--	5.28	--
	08/12/98	--	4.96	--
	11/12/98	--	5.36	--
	03/01/99	--	4.97	--
	05/12/99	**--**	**5.47**	--
MW-7	11/02/95	--	--	--
	02/08/96	--	2.67	--
	05/08/96	--	--	2.20
	08/09/96	--	2.37	--
	11/07/96	--	2.22	2.28

Table 2

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID	Date	@ Laboratory (mg/L)	Before Purging (mg/L) ♦	After Purging (mg/L) ♦
MW-7	02/11/97	--	--	2.33
(cont)	08/05/97	--	--	2.69
	11/04/97	--	--	2.82
	02/12/98	--	3.24	--
	05/15/98	--	2.95	--
	08/12/98	--	3.19	--
	11/12/98	--	2.04	--
	03/01/99	--	2.64	--
	05/12/99	**--**	**3.05**	**--**
MW-8	11/02/95	--	--	--
	02/08/96	--	3.85	--
	05/08/96	--	--	2.09
	08/09/96	--	2.56	--
	11/07/96	--	1.67	1.84
	02/10/97	--	--	2.10
	08/05/97	--	--	3.04
	11/04/97	--	--	2.11
	02/12/98	--	1.98	--
	05/15/98	--	2.44	--
	08/12/98	--	2.83	--
	11/12/98	--	3.16	--
	03/01/99	--	2.81	--
	05/12/99	**--**	**2.74**	**--**
MW-9	11/02/95	--	--	--
	02/08/96	--	3.62	--
	05/08/96	--	--	2.20
	08/09/96	--	2.51	--
	11/07/96	--	2.06	2.02
	02/10/97	--	--	1.96
	08/05/97	--	--	2.57
	11/04/97	--	--	2.60
	02/12/98	--	2.27	--
	05/15/98	--	2.62	--
	08/12/98	--	1.90	--
	11/12/98	--	1.38	--
	03/01/99	--	1.78	--
	05/12/99	**--**	**2.26**	--
MW-10	11/02/95	3.10	3.96	--
	02/08/96	--	2.88	--
	05/08/96	--	--	2.71
	08/09/96	--	2.63	--
	11/07/96	--	1.81	1.84
	02/10/97	--	--	2.03
	08/05/97	--	--	2.78

Table 2

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #3292

15008 East 14th Street

San Leandro, California

Well ID	Date	@ Laboratory (mg/L)	Before Purging (mg/L) ♦	After Purging (mg/L) ♦
MW-10	11/04/97	--	--	2.11
(cont)	02/12/98	--	2.63	--
	05/15/98	--	2.24	--
	08/12/98	--	2.43	--
	11/12/98	--	2.66	--
	03/01/99	--	3.11	--
	05/12/99	**--**	**2.77**	**--**
MW-11	11/02/95	2.60	3.55	--
	02/08/96	--	2.19	--
	05/08/96	--	--	2.06
	08/09/96	--	2.11	--
	11/07/96	--	2.35	2.36
	02/10/97	--	--	2.18
	08/05/97	--	--	3.19
	11/04/97	--	--	2.01
	02/12/98	--	2.44	--
	05/15/98	--	1.80	--
	08/12/98	--	2.05	--
	11/12/98	--	1.67	--
	03/01/99	--	2.03	--
	05/12/99	**--**	**2.14**	**--**
MW-2 (SP)[1]	11/07/96	--	2.85	2.80
	02/11/97	--	--	2.73
	08/05/97	--	--	3.99
	11/04/97	--	--	3.06
	02/12/98	--	3.11	--
	05/15/98	--	3.97	--
	08/12/98	--	3.62	--
	11/12/98	--	4.19	--
	03/01/99	--	4.56	--
	05/12/99	**--**	**3.92**	**--**
MW-3 (SP)[1]	11/07/96	--	2.41	2.40
	02/11/97	--	--	2.55
	08/05/97	--	--	3.74
	11/04/97	--	--	2.95
	02/12/98	--	3.17	--
	05/15/98	--	4.06	--
	08/12/98	--	3.98	--
	11/12/98	--	3.39	--
	03/01/99	--	3.08	--
	05/12/99	**--**	**2.77**	**--**

Table 2

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #3292
15008 East 14th Street
San Leandro, California

EXPLANATIONS:

Dissolved oxygen concentrations prior to February 12, 1998, were compiled from reports prepared by MPDS Services, Inc.

♦ = Measurement taken in field
-- = Not Measured/Not Analyzed
SP = Shadrall Property wells

[1] Wells located on Shadrall Property.

Table 3

Joint Groundwater Monitoring Data

Former Mobil Facility #04-FGN
14994 East 14th Street
San Leandro, California

Well ID/ TOC*	Date	DTW *(ft.)*	GWE *(msl)*
MW-1A			
36.63	02/12/98	5.52	31.11
	08/12/98	8.80	27.83
MW-2A			
36.62	02/12/98	5.59	31.03
	08/12/98	8.85	27.77
MW-3A			
36.93	02/12/98	5.72	31.21
	08/12/98	9.05	27.88
MW-4A			
37.18	02/12/98	5.90	31.28
	08/12/98	9.21	27.97
MW-5A			
35.91	02/12/98	5.32	30.59
	08/12/98	8.19	27.72
MW-6A			
37.10	02/12/98	5.52	31.58
	08/12/98	8.91	28.19
MW-7A			
37.39	02/12/98	6.55	30.84
	08/12/98	9.65	27.74

EXPLANATIONS:

Groundwater monitoring data provided by Alton GeoScience. Site monitored on a semi-annual basis.

TOC = Top of Casing elevation
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
msl = Relative to mean sea level

* TOC elevations have been surveyed relative to msl.

Table 4

Joint Groundwater Monitoring Data

Chevron Facility #9-2013
15002 Hesperian Boulevard
San Leandro, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)
MW-1			
35.77	11/04/97	11.35	24.42
	05/15/98	8.11	27.66
	08/12/98	9.35	26.42
MW-2			
35.00	11/04/97	10.70	24.30
	05/15/98	7.63	27.37
	08/12/98	8.75	26.25
MW-3			
36.17	11/04/97	11.75	24.42
	05/15/98	8.75	27.42
	08/12/98	9.85	26.32
MW-4			
36.05	11/04/97	11.47	24.58
	05/15/98	8.27	27.78
	08/12/98	9.40	26.65
MW-5			
35.65	11/04/97	11.17	24.48
	05/15/98	7.92	27.73
	08/12/98	9.05	26.60
MW-6			
36.92	11/04/97	12.42	24.50
	05/15/98	9.45	27.47
	08/12/98	10.60	26.32
MW-7			
35.71	11/04/97	11.01	24.70
	05/15/98	8.11	27.60
	08/12/98	9.25	26.46
MW-8			
35.28	11/04/97	10.63	24.65
	05/15/98	7.98	27.30
	08/12/98	9.00	26.28
MW-A			
	11/04/97	11.45	--
	05/15/98	8.51	--
	08/12/98	9.60	--

EXPLANATIONS:

Groundwater monitoring data provided by Blaine Tech Services, Inc. Site monitored on a semi-annual basis.

TOC = Top of Casing elevation
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
msl = Relative to mean sea level
-- = Not Available

* TOC elevations have been surveyed relative to msl.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using a MMC flexi-dip interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Tosco Marketing Company, the purge water and decontamination water generated during sampling activities is transported to Tosco - San Francisco Area Refinery, located in Rodeo, California.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID MW-1 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 18.94 ft.

Depth to Water 8.70 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

10.24 X VF 0.17 = 1.74 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment:
- (Disposable Bailer)
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- (Disposable Bailer)
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 10:45 Weather Conditions: clear

Sampling Time: 11:07 A.M. Water Color: clear Odor: yes

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^3	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:52	1.5	7.17	2.51	65.0	1.86		
10:55	3	7.20	2.62	65.1			
10:57	5.5	7.15	2.67	64.8			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3voA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID MW-2 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.10 ft.

Depth to Water 8.65 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

10.45 X VF 0.17 = 1.78 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: 10:15 Weather Conditions: clear

Sampling Time: 10:37 A.M. Water Color: clear Odor: yes

Purging Flow Rate: ~5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^{3}	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:25	1.5	7.36	2.51	65.7	[illegible]		
10:27	3	7.30	2.68	65.5	2.32		
10:29	5.5	7.27	2.70	65.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3x40A	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 3292 Job#: 180105

Address: 15008 E. 14th st. Date: 5-12-99

City: San Leandro Sampler: Joe

Well ID MW-3 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 22.13 ft.

Depth to Water 8.92 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

13.21 X VF 0.17 = 2.25 X 3 (case volume) = Estimated Purge Volume: 7 (gal.)

Purge Equipment:
- ~~Disposable Bailer~~
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 9:00 Weather Conditions: clear

Sampling Time: 9:20AM Water Color: clear Odor: none

Purging Flow Rate: 1 ~~6~~ gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^0	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:08	2.5	7.49	5.56	69.7	3.87		
9:10	5	7.59	5.50	69.6			
9:12	7	7.53	5.48	69.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th st. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID mw-4 Well Condition: O. IC.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.63 ft.

Depth to Water 9.32 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

10.31 X VF 0.17 = 1.75 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment:
- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- (Disposable Bailer)
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 7:45 Weather Conditions: clear

Sampling Time: 8:08 A.m Water Color: clear Odor: none

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^0	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
7:55	1.5	7.88	10.15	65.8	5.64		
7:57	3	7.72	9.36	65.1			
8:00	5.5	7.63	9.25	65.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
mw-4	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID MW-5 Well Condition: O. K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 22.07 ft.

Depth to Water 8.48 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

13.59 X VF 0.17 = 2.31 X 3 (case volume) = Estimated Purge Volume: 7 (gal.)

Purge Equipment:
- Disposable Bailer
- Bailer
- Stack
- (Suction)
- Grundfos
- Other: _____

Sampling Equipment:
- (Disposable Bailer)
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 11:22 Weather Conditions: clear

Sampling Time: 11:45 A.M. Water Color: clear Odor: yes

Purging Flow Rate: ~1 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^0	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:30	2.5	7.10	1.85	72.2	1.73		
11:33	5	7.11	1.95	73.1			
11:35	7	7.07	1.89	72.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Joe

Well ID MW-6 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 20.10 ft.

Depth to Water 8.05 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

12.05 X VF 0.17 = 2.04 X 3 (case volume) = Estimated Purge Volume: 6.5 (gal.)

Purge Equipment:
- (Disposable Bailer)
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- (Disposable Bailer)
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 8:20 Weather Conditions: clear

Sampling Time: 8:45 A.M Water Color: clear Odor: none

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10²	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
8:30	2	8.10	8.16	65.8	5.47		
8:32	4	7.63	8.17	66.0			
8:35	6.1	7.55	8.15	65.3			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th st. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID mw-7 Well Condition: O. IC.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 21.08 ft.

Depth to Water 8.07 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

13.01 X VF 0.17 = 2.21 X 3 (case volume) = Estimated Purge Volume: 7 (gal.)

Purge Equipment:
- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 9:38 Weather Conditions: clear

Sampling Time: 10.00A.m Water Color: clear Odor: yes

Purging Flow Rate: 1 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^0	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:46	2.5	7.29	3.12	71.1	3.05		
9:48	5	7.19	2.95	72.2			
9:50	7	7.26	2.96	72.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
Mw-7	3voA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID MW-8 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.00 ft.

Depth to Water 9.65 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

9.35 X VF 0.17 = 1.59 X 3 (case volume) = Estimated Purge Volume: 5 (gal.)

Purge Equipment: (Disposable Bailer) / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: (Disposable Bailer) / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: 12:50 Weather Conditions: clear

Sampling Time: 1:10 PM Water Color: clear Odor: yes

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^2	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:57	1.5	7.15	2.65	65.2	2.74		
12:59	3	7.20	2.58	65.0			
1:02	5	7.17	2.60	65.0			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Joe

Well ID MW-9 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.03 ft.

Depth to Water 9.04 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

9.99 X VF 0.17 = 1.7 X 3 (case volume) = Estimated Purge Volume: 5 (gal.)

Purge Equipment: (Disposable Bailer) / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: (Disposable Bailer) / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: 12:15 Weather Conditions: clear

Sampling Time: 12:40 p.m. Water Color: clear Odor: yes

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^3	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:25	1.5	7.20	2.58	65.1	2.26		
12:27	3	7.17	2.55	66.0			
12:30	5	7.27	2.59	65.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Joe

Well ID mw-10 Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.83 ft.

Depth to Water 8.92 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

10.91 X VF 0.17 = 1.85 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment:
- (Disposable Bailer)
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- (Disposable Bailer)
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 2:12 Weather Conditions: clear

Sampling Time: 2:35 p.m. Water Color: clear Odor: yes

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^0	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:19	2	7.41	3.18	65.7	2.77		
2:22	4	7.46	3.22	65.3			
2:25	6	7.51	3.30	65.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
mw-10	3voA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID mw-11 Well Condition: O. K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 18.90 ft.

Depth to Water 8.64 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

10.26 X VF 0.17 = 1.74 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment:
- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 1:28 Weather Conditions: clear

Sampling Time: 1:55 p.m. Water Color: clear Odor: yes

Purging Flow Rate: 0.5 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10³	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:40	1.5	7.27	2.31	65.9	2.14		
1:42	3	7.37	2.46	64.9			
1:45	5.5	7.36	2.41	65.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
mw-11	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Jo.

Well ID mw-2(SP) Well Condition: O.K.

Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 20.88 ft.

Depth to Water 9.45 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

11.43 X VF 0.17 = 1.94 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment:
- ~~Disposable Bailer~~
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:
- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 2:50 Weather Conditions: clear

Sampling Time: 3:15 p.m. Water Color: clear Odor: none

Purging Flow Rate: 0.3 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^3	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
3:00	2	7.41	6.42	65.2	3.92		
3:05	4	7.29	5.85	65.3			
3:06	6	7.36	5.80	65.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
mw-2(SP)	3 VOA	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility: #3292 Job#: 180105

Address: 15008 E. 14th St. Date: 5-12-99

City: San Leandro Sampler: Joe

Well ID: MW-3(SP) Well Condition: O.K.

Well Diameter: 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth: 20.68 ft.

Depth to Water: 8.92 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

11.76 X VF 0.17 = 2.0 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment: Disposable Bailer; ~~Bailer~~; Stack; Suction; Grundfos; Other: _____

Sampling Equipment: (Disposable Bailer); Bailer; Pressure Bailer; Grab Sample; Other: _____

Starting Time: 3:38 Weather Conditions: clear

Sampling Time: 3:55 p.m. Water Color: clear Odor: yes

Purging Flow Rate: 0.2 gpm. Sediment Description: none

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x 10^2	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
3:38	2	7.20	2.91	66.0	2.77		
3:40	4	7.25	2.78	65.0			
3:43	6	7.22	2.75	65.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3(SP)	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

Chain of Custody Record

TOSCO

Tosco Marketing Company
2000 Crow Canyon Pl., Ste. 400
San Ramon, California 94583

Facility Number: Unocal SS#3292
Facility Address: 15008 East 14th St., San Leandro, CA
Consultant Project Number: 180105.85
Consultant Name: Gettler-Ryan Inc. (G-R Inc.)
Address: 6747 Sierra Court, Suite J, Dublin, CA 94568
Project Contact (Name): Deanna L. Harding
(Phone): 510-551-7555 (Fax Number): 510-551-7888

Contact (Name): Mr. DAVID DEWITT
(Phone): (510) 277-2384
Laboratory Name: Sequoia Analytical
Laboratory Release Number: 9905338
Samples Collected by (Name): JOE AJEMIAN
Collection Date: 5-12-99
Signature: Joe Ajemian

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	TPH Gas + BTEX w/MTBE (8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (TCLP or AA)					DO NOT BILL TB-LB ANALYSIS Remarks
								Analyses To Be Performed												
TB-LB		1 VOA	W	G	—	HCL	Y	✓											9051164	* Confirm Hynes + Het of MTBE by 8260
MW-1		3 VOA	/	/	11:07 A.M	/	/	✓											9051165 A-C	
MW-2		/	/	/	10:37 A.M	/	/	✓											9051166	
MW-3		/	/	/	9:30 A.M	/	/	✓											9051167	
MW-4		/	/	/	8:08 A.M	/	✓	✓											9051168	
MW-5		/	/	/	11:45 A.M	/	/	✓											9051169	
MW-6		/	/	/	8:45 A.M	/	/	✓											9051170	
MW-7		/	/	/	10:10 A.M	/	/	✓											9051171	
MW-8		/	/	/	1:10 P.M	/	/	✓											9051172	
MW-9		/	/	/	12:40 P.M	/	/	✓											9051173	
MW-10		/	/	/	2:35 P.M	/	/	✓											9051174	
MW-11		/	/	/	1:55 P.M	/	/	✓											9051175	
MW-2(SP)		/	/	/	3:15 P.M	/	/	✓											9051176	
MW-3(SP)		/	/	/	3:55 P.M	/	/	✓											9051177	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Joe Ajemian	G-R Inc.	5-12-99 6:45 P.M			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			[signature]		5/12 18:40

Ramses C. Ygnacio 5/13/99 20:00

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Sequoia Analytical

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1551 Industrial Road, San Carlos, CA 94070-4111, (650) 232-9600, FAX (650) 232-9612

Gettler-Ryan - Dublin	Client Project ID:	Unocal SS#3292, San Leandro	Sampled: May 12, 1999
6747 Sierra Court, Suite J	Sample Matrix:	Water	Received: May 12, 1999
Dublin, CA 94568	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Jun 9, 1999
Attention: Deanna Harding	First Sample #:	905-1164	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 905-1164 TB-LB	Sample I.D. 905-1165 MW-1	Sample I.D. 905-1166 MW-2	Sample I.D. 905-1167 MW-3	Sample I.D. 905-1168 MW-4	Sample I.D. 905-1169 MW-5
Purgeable Hydrocarbons	50	N.D.	N.D.	3,100	N.D.	N.D.	19,000
Benzene	0.50	N.D.	36	65	N.D.	N.D.	110
Toluene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	15	N.D.	N.D.	990
Total Xylenes	0.50	N.D.	N.D.	17	N.D.	N.D.	1,900
MTBE	2.5	N.D.	12,000	450	N.D.	N.D.	330
Chromatogram Pattern:		--	--	Gasoline	--	--	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	40	20	1.0	1.0	20
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99	5/20/99	5/20/99
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	91	95	92	94	89	72

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

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
Project Manager

9051164.GET <1>

Sequoia Analytical

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Gettler-Ryan - Dublin	Client Project ID:	Unocal SS#3292, San Leandro	Sampled: May 12, 1999
6747 Sierra Court, Suite J	Sample Matrix:	Water	Received: May 12, 1999
Dublin, CA 94568	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Jun 9, 1999
Attention: Deanna Harding	First Sample #:	905-1170	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 905-1170 MW-6	Sample I.D. 905-1171 MW-7	Sample I.D. 905-1172 MW-8	Sample I.D. 905-1173 MW-9	Sample I.D. 905-1174 MW-10	Sample I.D. 905-1175 MW-11
Purgeable Hydrocarbons	50	N.D.	4,700	650	930	7,400	900
Benzene	0.50	N.D.	79	17	13	37	6.6
Toluene	0.50	N.D.	N.D.	N.D.	2.2	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	120	N.D.	1.2	32	N.D.
Total Xylenes	0.50	N.D.	210	N.D.	1.5	N.D.	N.D.
MTBE	2.5	N.D.	210	N.D.	10	170	840
Chromatogram Pattern:		--	Gasoline	Gasoline	Gasoline & Unidentified Hydrocarbons <C6	Gasoline & Unidentified Hydrocarbons <C6	Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0	40	4.0	1.0	20	5.0
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99	5/20/99	5/20/99
Instrument Identification:	HP-9	HP-9	HP-2	HP-2	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	93	97	106	*	*	101

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

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
Project Manager

Please Note:
* Surrogate recovery above control limit due to coelution.

9051164.GET <2>

Sequoia Analytical

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Gettler-Ryan - Dublin	Client Project ID:	Unocal SS#3292, San Leandro	Sampled: May 12, 1999
6747 Sierra Court, Suite J	Sample Matrix:	Water	Received: May 12, 1999
Dublin, CA 94568	Analysis Method:	EPA 5030/8015 Mod./8020	Reported: Jun 9, 1999
Attention: Deanna Harding	First Sample #:	905-1176	

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit µg/L	Sample I.D. 905-1176 MW-2(SP)	Sample I.D. 905-1177 MW-3(SP)
Purgeable Hydrocarbons	50	N.D.	4,100
Benzene	0.50	N.D.	34
Toluene	0.50	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.
MTBE	2.5	5.0	45
Chromatogram Pattern:		--	Gasoline & Unidentified Hydrocarbons <C6

Quality Control Data

Report Limit Multiplication Factor:	1.0	10
Date Analyzed:	5/20/99	5/20/99
Instrument Identification:	HP-2	HP-2
Surrogate Recovery, %: (QC Limits = 70-130%)	100	*

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

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
Project Manager

Please Note:
* Surrogate recovery above control limit due to coelution.

Sequoia Analytical

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Gettler-Ryan - Dublin	Client Project ID:	Unocal SS#3292, San Leandro	Sampled:	May 12, 1999
6747 Sierra Court, Suite J	Sample Descript:	Water, MW-1	Received:	May 12, 1999
Dublin, CA 94568	Analysis Method:	EPA 8260	Analyzed:	Jun 7, 1999
Attention: Deanna Harding	Lab Number:	905-1165	Reported:	Jun 9, 1999

MTBE by EPA 8260

Analyte	Detection Limit µg/L	Sample Results µg/L
Methyl t-Butyl Ether (MTBE)	250	21,000

Surrogates	Control Limit %		% Recovery
Dibromofluoromethane	50	150	102

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

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
Project Manager

9051164.GET <4>

Sequoia Analytical

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Gettler-Ryan - Dublin
6747 Sierra Court, Suite J
Dublin, CA 94568
Attention: Deanna Harding

Client Project ID: Unocal SS#3292, San Leandro
Matrix: Liquid
QC Sample Group: 9051164-177
Reported: Jun 9, 1999

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD Batch#:	9051248	9051248	9051248	9051248
Date Prepared:	5/20/99	5/20/99	5/20/99	5/20/99
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99
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:	90	85	90	97
Matrix Spike Duplicate % Recovery:	85	85	90	95
Relative % Difference:	5.7	0.0	0.0	1.7
LCS Batch#:	2LCS052099	2LCS052099	2LCS052099	2LCS052099
Date Prepared:	5/20/99	5/20/99	5/20/99	5/20/99
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99
Instrument I.D.#:	HP-2	HP-2	HP-2	HP-2
LCS % Recovery:	85	85	85	92
% Recovery Control Limits:	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
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.

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Gettler-Ryan - Dublin
6747 Sierra Court, Suite J
Dublin, CA 94568
Attention: Deanna Harding

Client Project ID: Unocal SS#3292, San Leandro
Matrix: Liquid
QC Sample Group: 9051164-177
Reported: Jun 9, 1999

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8260
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel	A. Kemp
MS/MSD Batch#:	9051170	9051170	9051170	9051170	9050834
Date Prepared:	5/20/99	5/20/99	5/20/99	5/20/99	6/5/99
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99	6/7/99
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4	GC/MS-2
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	50 µg/L
Matrix Spike % Recovery:	100	85	90	102	120
Matrix Spike Duplicate % Recovery:	95	85	85	100	148
Relative % Difference:	5.1	0.0	5.7	1.7	21
LCS Batch#:	4LCS052099	4LCS052099	4LCS052099	4LCS052099	LCS060599
Date Prepared:	5/20/99	5/20/99	5/20/99	5/20/99	6/5/99
Date Analyzed:	5/20/99	5/20/99	5/20/99	5/20/99	6/5/99
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4	GC/MS-2
LCS % Recovery:	100	85	90	105	110
% Recovery Control Limits:	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL, #1271

Julianne Fegley
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.