GETTLER-RYAN INC.

TRANSMITTAL

September 1, 2000
G-R #180075

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

CC: Mr. David Vossler
Gettler-Ryan Inc.
Petaluma, California

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

RE: Tosco (Unocal) SS #7376
4191 First Street
Pleasanton, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 30, 2000	Groundwater Monitoring and Sampling Report Second Quarter 2000 - Event of June 8, 2000

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 ***September 15, 2000***, this report will be distributed to the following:

Enclosure

cc: Mr. Scott Seary, Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502

trans/7376.dbd

GETTLER-RYAN INC.

August 30, 2000
G-R Job #180075

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

RE: Second Quarter 2000 Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

Dear Mr. De Witt:

This report documents the quarterly groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). On June 8, 2000, field personnel monitored ten wells (MW-1, MW-2B and MW-3 through MW-10) and sampled seven wells (MW-1, MW-2B, MW-3, MW-4, MW-7, MW-8, and MW-9) at the above referenced site. One well (MW-6) has insufficient water for sampling and one well (MW-10) was dry.

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were present in one well (MW-5). Static water level data and groundwater elevations are summarized in Table 1. Product Thickness/Removal Data is summarized in Table 2. 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 Tables 1 and 3, and a Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

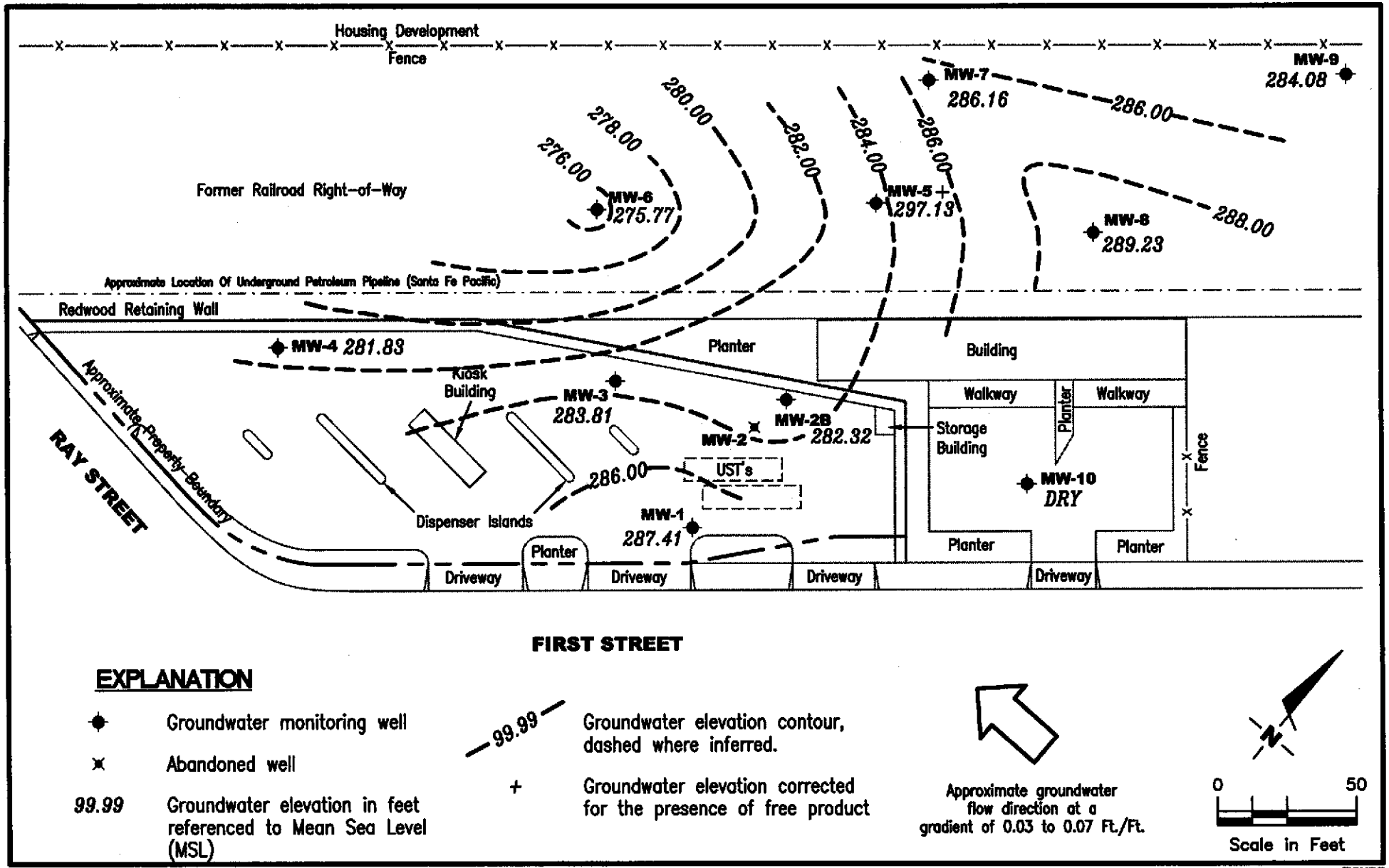
Sincerely,

Deanna L. Harding
Project Coordinator

Stephen J. Carter
Senior Geologist, R.G. No. 5577

REGISTERED GEOLOGIST
STEPHEN J. CARTER
No. 5577
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Product Thickness/Removal Data
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
7376.qml Chain of Custody Document and Laboratory Analytical Reports



EXPLANATION

- ✦ Groundwater monitoring well
- ✕ Abandoned well
- *99.99* Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- –99.99– Groundwater elevation contour, dashed where inferred.
- \+ Groundwater elevation corrected for the presence of free product

Approximate groundwater flow direction at a gradient of 0.03 to 0.07 Ft./Ft.

0 50

Scale in Feet

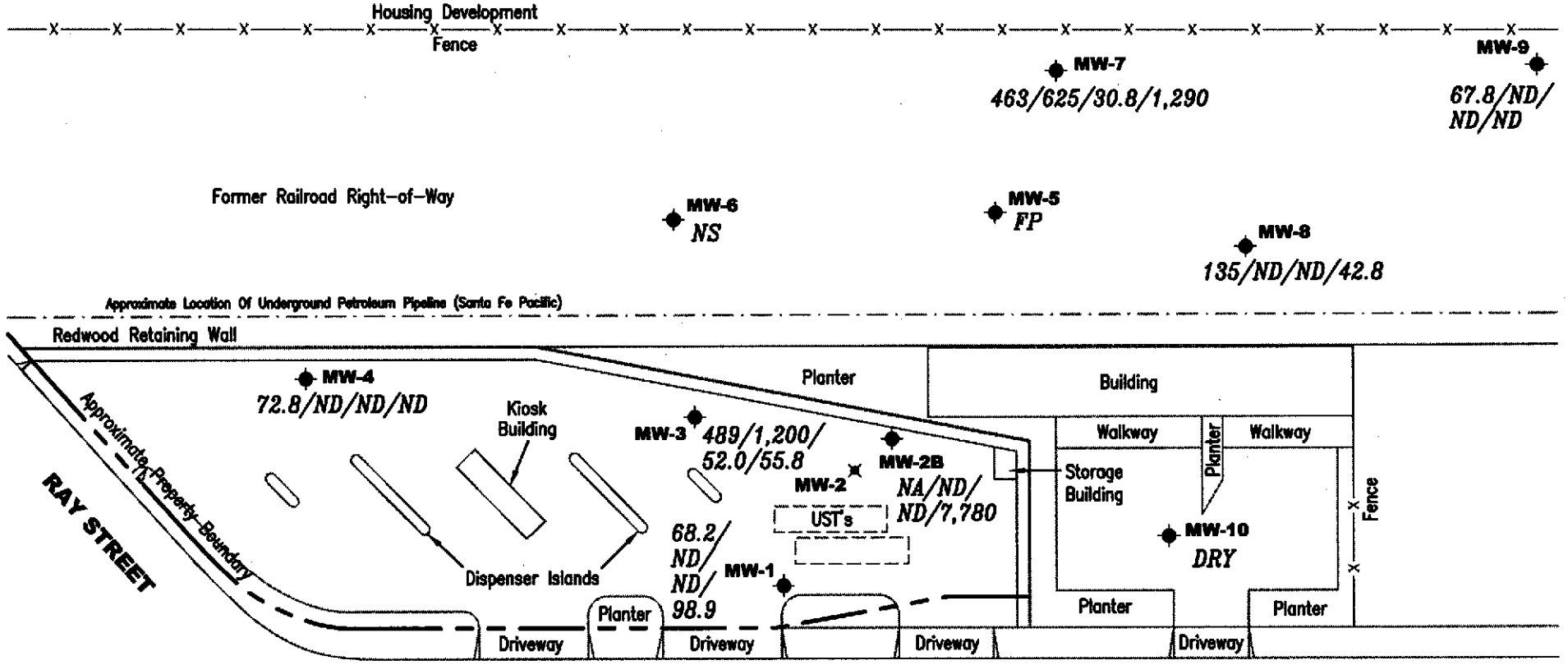
Gettler - Ryan Inc.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180075		June 8, 2000	

FILE NAME: P:\ENVIRO\TOSCO\7376\Q00-7376.DWG | Layout Tab: pot2



EXPLANATION

- ✦ Groundwater monitoring well
- ✕ Abandoned well

A/B/C/D TPH(D) (Total Petroleum Hydrocarbons as Diesel)/TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/Benzene/MTBE concentrations in ppb

ND Not Detected

NS Not Sampled

NA Not Analyzed

FP Free Product

N

0 50

Scale in Feet

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Dublin, CA 94568 (925) 551-7555

CONCENTRATION MAP
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180075		June 8, 2000	

FILE NAME: P:\ENVIRO\TOSCO\7376\Q00-7376.DWG | Layout Tab: con2

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
	12/08/87[1]	--	--	--	2,100[2]	50[3]	58	8.0	ND	10	--
366.99	12/07/94	81.04	285.95	0.00	--	ND	ND	ND	ND	ND	--
	03/01/95	80.09	286.90	0.00	120	ND	ND	1.1	ND	1.3	--
	06/01/95	77.53	289.46	0.00	54[5]	130	1.0	2.9	0.79	4.5	--
	09/06/95	79.00	287.99	0.00	690	ND	ND	ND	ND	ND	--[6]
	12/12/95	77.55	289.44	0.00	190[5]	ND	ND	ND	ND	ND	--
	03/01/96	75.09	291.90	0.00	56	ND	ND	ND	ND	ND	370
	06/15/96	75.07	291.92	0.00	ND	ND	ND	ND	ND	ND	270
	09/18/96	79.90	287.09	0.00	130[5]	ND	ND	ND	ND	ND	590
	12/21/96	78.96	288.03	0.00	ND	ND	ND	ND	ND	ND	150
	03/07/97	71.49	295.50	0.00	ND	ND	ND	ND	ND	ND	220
	06/27/97	80.05	286.94	0.00	ND	ND	ND	ND	ND	ND	17
	09/29/97	80.04	286.95	0.00	ND	ND	ND	ND	ND	ND	24
	12/15/97	80.07	286.92	0.00	ND	ND	ND	ND	ND	ND	25
	03/16/98	71.00	295.99	0.00	ND	ND	ND	0.52	ND	0.71	190
366.98	06/26/98	79.29	287.69	0.00	ND	59[13]	0.90	ND	ND	ND	570
	08/18/98	79.93	287.05	0.00	--	--	--	--	--	--	--
	09/22/98	79.99	286.99	0.00	240[20]	ND	ND	ND	ND	ND	170
	12/15/98	80.02	286.96	0.00	ND	ND	ND	ND	ND	ND	63
	12/23/98	80.02	286.96	0.00	--	--	--	--	--	--	--
	03/15/99	78.95	288.03	0.00	67[24]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	520
	03/23/99	78.69	288.29	0.00	--	--	--	--	--	--	--
	06/07/99	79.82	287.16	0.00	ND	ND	ND	ND	ND	ND	310
	09/03/99	79.74	287.24	0.00	76[19]	ND	ND	ND	ND	ND	67/55.2[27]
	12/06/99	79.74	287.24	0.00	ND	ND	ND	ND	ND	ND	120
	03/10/00	79.66	287.32	0.00	51[19]	ND	ND	ND	ND	ND	100
	06/08/00	**79.57**	**287.41**	**0.00**	**68.2[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**98.9**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	12/08/87	--	--	--	620[2]	1,800[3]	910	800	260	1,200	--
	12/07/94	DAMAGED	--	--	--	--	--	--	--	--	--
	02/07/95	DESTROYED	--	--	--	--	--	--	--	--	--
MW-2B											
365.05	03/01/95	80.80	284.25	0.00	320	ND	ND	ND	ND	ND	--
	06/01/95	75.69	289.36	0.00	280	350	19	5.8	ND	7.7	--
	09/06/95	77.54	287.51	0.00	ND	ND	90	ND	ND	ND	--[6]
	12/12/95	75.96	289.09	0.00	850[4]	1,200	630	ND	15	57	--[7]
	03/01/96	73.27	291.78	0.00	870[4]	1,000	620	ND	ND	5.3	4,300
	06/15/96	73.21	291.84	0.00	420	910	350	ND	ND	ND	3,700
	09/18/96	81.08	283.97	0.00	600	1,200	95	ND	ND	ND	5,200
	12/21/96	77.35	287.70	0.00	470	330[8]	57	ND	ND	ND	2,900
	03/07/97	69.67	295.38	Sheen	870[4]	190	28	0.64	ND	1.5	4,300
	06/27/97	82.40	282.65	0.00	680[4]	98	3.4	1.0	0.53	ND	3,100
	09/29/97	82.72	282.33	0.00	430	ND	ND	ND	ND	ND	3,000
	12/15/97	82.57	282.48	0.00	490	54[9]	ND	ND	ND	ND	4,100
	03/16/98	69.13	295.92	Sheen	4,000[10]	ND[11]	17	ND[11]	ND[11]	ND[11]	4,400
365.05	06/26/98	77.78	287.27	0.00	790[14]	ND	ND	ND	ND	ND	4,000
	08/18/98	83.99	281.06	0.00	--	--	--	--	--	--	--
	09/22/98	83.89	281.16	0.00	930[20]	ND[11]	ND[11]	ND[11]	ND[11]	21	4,600
	12/15/98	82.84	282.21	0.00	600	ND	ND	ND	ND	ND	5,100
	12/23/98	82.55	282.50	0.00	--	--	--	--	--	--	--
	03/15/99	77.31	287.74	0.00	390[25]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	4,300/4,800[27]
	03/23/99	77.06	287.99	0.00	--	--	--	--	--	--	--
	06/07/99	82.96	282.09	0.00	770[25]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	5,100
	09/03/99	84.16	280.89	0.00	870[20]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	6,300/4,400[27]

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2B	12/06/99	84.41	280.64	0.00	850[32]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	4,400
(cont)	03/10/00	82.42	282.63	0.00	1,500[20]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	6,900
	06/08/00	**82.73**	**282.32**	**0.00**	--[34]	**ND[11]**	**ND[11]**	**ND[11]**	**ND[11]**	**ND[11]**	**7,780[35]**
MW-3											
	12/08/87	--	--	--	2,300[2]	24,000[3]	2,600	1,300	160	660	--
367.01	12/07/94	85.54	281.47	0.00	--	ND	ND	ND	ND	ND	--
	03/01/95	83.20	283.81	0.00	140[4]	ND	ND	1.1	ND	1.1	--
	06/01/95	77.60	289.41	0.00	140[5]	62	7.8	0.90	ND	1.6	--
	09/06/95	79.28	287.73	0.00	880[5]	4,100	380	490	130	710	--[6]
	12/12/95	77.73	289.28	0.00	3,100[4]	19,000	600	380	2,100	5,300	--[7]
	03/01/96	75.18	291.83	0.00	1,500[5]	3,400	950	3.2	1,900	290	59
	06/15/96	75.13	291.88	0.00	400[4]	780	190	8.8	3.8	4.0	630
	09/18/96	82.84	284.17	0.00	170	2,800	340	12	11	110	2,500
	12/21/96	79.29	287.72	0.00	64[4]	51	1.3	ND	ND	0.53	20
	03/07/97	71.58	295.43	0.00	570[4]	1,400	53	14	29	68	220
	06/27/97	83.27	283.74	0.00	ND	ND	ND	ND	ND	ND	27
	09/29/97	83.33	283.68	0.00	ND	ND	ND	ND	ND	ND	11
	12/15/97	83.35	283.66	0.00	ND	ND	ND	ND	ND	ND	19
	03/16/98	71.07	295.94	0.00	670[10]	130[12]	6.5	1.9	1.5	1.6	210
367.03	06/26/98	79.65	287.38	0.00	63[13]	400[15]	15	ND[11]	ND[11]	1.9	490
	08/18/98	83.29	283.74	0.00	--	--	--	--	--	--	--
	09/22/98	83.33	283.70	0.00	95[20]	ND	ND	ND	ND	ND	24
	12/15/98	83.29	283.74	0.00	ND	ND	ND	ND	ND	ND	18
	12/23/98	83.28	283.75	0.00	--	--	--	--	--	--	--
	03/15/99	79.19	287.84	0.00	3,500[26]	26,000	3,100	270	2,200	3,100	1,300
	03/23/99	78.92	288.11	0.00	--	--	--	--	--	--	--
	06/07/99	83.22	283.81	0.00	ND	ND	ND	ND	0.63	ND	29
	09/03/99	83.31	283.72	0.00	2,900[20]	23,000[30]	770	ND[11]	980	6,400	280/82.4[27]

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	12/06/99	83.41	283.62	0.00	4,200[20]	41,000[30]	3,200	3,500	1,300	8,300	ND[11]
(cont)	03/10/00	83.23	283.80	0.00	2,500[20]	5,100[30]	340	ND[11]	97	450	200
	06/08/00	**83.22**	**283.81**	**0.00**	**489[20]**	**1,200[30]**	**52.0**	**ND[11]**	**41.7**	**356**	**55.8**
MW-4											
369.03	09/18/96	73.67	295.36	0.00	200	160	14	ND	ND	1.6	ND
	12/21/96	77.69	291.34	0.00	ND	ND	ND	ND	ND	ND	ND
	03/07/97	68.04	300.99	0.00	ND	ND	1.9	0.99	ND	1.5	ND
	06/27/97	79.06	289.97	0.00	ND	ND	ND	ND	ND	ND	ND
	09/29/97	85.83	283.20	0.00	ND	ND	ND	ND	ND	ND	ND
	12/15/97	87.26	281.77	0.00	ND	ND	ND	ND	ND	ND	ND
	03/16/98	75.09	293.94	0.00	ND	ND	ND	0.69	ND	0.82	ND
368.81	06/26/98	73.81	295.00	0.00	630[16]	100[13]	62	ND	ND	ND	ND
	08/18/98	78.75	290.06	0.00	--	--	--	--	--	--	--
	09/22/98	83.95	284.86	0.00	74[20]	ND	ND	ND	ND	ND	2.8
	12/15/98	85.41	283.40	0.00	ND	ND	ND	ND	ND	ND	ND
	12/23/98	84.95	283.86	0.00	--	--	--	--	--	--	--
	03/15/99	78.47	290.34	0.00	ND	ND	ND	ND	ND	ND	ND
	03/23/99	77.37	291.44	0.00	--	--	--	--	--	--	--
	06/07/99	76.60	292.21	0.00	ND	ND	ND	ND	ND	ND	ND
	09/03/99	87.23	281.58	0.00	66[19]	ND	ND	ND	ND	ND	ND/ND[27]
	12/06/99	92.23	276.58	0.00	95[13]	ND	ND	ND	ND	ND	ND
	03/10/00	88.54	280.27	0.00	ND	ND	ND	ND	ND	ND	ND
	06/08/00	**86.98**	**281.83**	**0.00**	**72.8[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-5											
363.23	09/18/96	64.20	299.03	0.00	4,700[5]	36,000	6,700	410	730	6,500	4,100
	12/21/96	61.77	301.46	Sheen	4,700[4]	25,000	3,200	300	780	3,600	2,600
	03/07/97	56.30	306.93	Sheen	2,100[4]	14,000	1,300	120	410	1,200	1,700

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	06/27/97	68.88	295.03***	0.90	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
(cont)	09/29/97	69.47	294.02***	0.35	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/15/97	64.92	298.54***	0.30	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	03/16/98	49.63	313.67***	0.09	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
363.21	06/26/98	64.13	299.08	Sheen	230,000[17]	490[18]	6.3	2.8	4.2	5.1	10
	08/18/98	70.40	292.81**	0.005	--	--	--	--	--	--	--
	09/22/98	69.10	294.16**	0.06	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/15/98	68.84	294.50**	0.17	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/23/98	68.42	295.18**	0.50	--	--	--	--	--	--	--
	03/15/99	63.81	299.59**	0.25	--	--	--	--	--	--	--
	03/23/99	63.59	299.72**	0.13	--	--	--	--	--	--	--
	06/07/99	68.25	295.59**	0.82	4,700,000[26]	210,000	6,700	3,700	5,000	20,000	11,000/4,000[27]
	09/03/99	69.38	294.37**	0.70	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/06/99	70.02	293.82**	0.82	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	03/10/00	64.56	299.14**	0.64	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	06/08/00	**66.47**	**297.13****	**0.51**	**NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT**					**--**	**--**
MW-6											
363.12	09/18/96	79.07	284.05	0.00	ND	160	5.4	ND	ND	ND	ND
	12/21/96	75.40	287.72	0.00	ND	300[8]	96	1.3	ND	1.7	21
	03/07/97	67.61	295.51	0.00	190[4]	1,800[8]	920	18	ND	31	290
	06/27/97	80.45	282.67	0.00	73[5]	ND	0.73	ND	ND	38	38
	09/29/97	86.02	277.10	0.00	ND	62[9]	ND	ND	ND	ND	43
	12/15/97	84.03	279.09	0.00	ND	78[9]	ND	ND	ND	ND	39
	03/16/98	67.15	295.97	0.00	100[10]	210[12]	36	2.5	ND	3.0	64
363.13	06/26/98	75.71	287.42	0.00	180[14]	530	300	8.3	2.8	8.7	81
	08/18/98	74.86	288.27	0.00	--	--	--	--	--	--	--
	09/22/98	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	12/15/98	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	12/23/98	80.80	282.33	0.00	--	120[23]	1.1	ND	ND	0.78	25

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	01/23/99	80.68	282.45	0.00	ND	--	--	--	--	--	--
(cont)	03/15/99	75.29	287.84	0.00	71[24]	62[22]	1.4	ND	ND	ND	23
	03/23/99	75.03	288.10	0.00	--	--	--	--	--	--	--
	06/07/99	82.27	280.86	0.00	160[28]	ND	ND	ND	ND	ND	18
	09/03/99	87.49	275.64	0.00	INSUFFICIENT WATER TO SAMPLE			--	--	--	--
	12/06/99	DRY	--	--	--	--	--	--	--	--	--
	03/10/00	85.61	277.52	0.00	ND	ND	ND	ND	ND	ND	64
	06/08/00	**87.36**	**275.77**	**0.00**	**INSUFFICIENT WATER TO SAMPLE**				--	--	--
MW-7											
355.97	06/26/98	--	--	--	--	--	--	--	--	--	--
	08/18/98	68.75	287.22	0.00	1,400[20]	4,000	1,900	48	160	ND[11]	1,700
	09/22/98	66.35	289.62	0.00	780[20]	3,200	1,100	ND	22	ND	1,500
	12/15/98	65.03	290.94	0.00	350[21]	1,900[22]	180	2.7	2.9	3.8	1,400
	12/23/98	64.82	291.15	0.00	--	--	--	--	--	--	--
	03/15/99	60.44	295.53	0.00	460[26]	2,700	1,100	ND[11]	30	16	1,400/970[27]
	03/23/99	60.43	295.54	0.00	--	--	--	--	--	--	--
	06/07/99	64.48	291.49	0.00	550[25]	2,600[29]	180	21	ND	13	1,200
	09/03/99	69.98	285.99	0.00	550[20]	870[30]	69	ND[11]	ND[11]	ND[11]	1,100/872[27]
	12/06/99	70.18	285.79	0.00	220[20]	1,900[31]	350	ND[11]	ND[11]	ND[11]	1,100
	03/10/00	67.36	288.61	0.00	930[20]	2,900[31]	1,600	ND[11]	40	54	1,100
	06/08/00	**69.81**	**286.16**	**0.00**	**463[20]**	**625[30]**	**30.8**	**ND**	**0.761**	**0.940**	**1,290[35]**
MW-8											
362.37	06/26/98	63.00	299.37	0.00	80[19]	ND	6.0	ND	ND	ND	150
	08/18/98	73.38	288.99	0.00	--	--	--	--	--	--	--
	09/22/98	70.89	291.48	0.00	120[20]	ND	ND	ND	ND	ND	9.5
	12/15/98	70.29	292.08	0.00	ND	ND	ND	ND	ND	ND	3.0

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8	12/23/98	70.03	292.34	0.00	--	--	--	--	--	--	--
(cont)	03/15/99	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
361.83	03/23/99	64.86	296.97	0.00	60[24]	ND	ND	0.77	ND	0.96	190
	06/07/99	68.30	293.53	0.00	ND	ND	ND	ND	ND	ND	ND
	09/03/99	73.92	287.91	0.00	130[19]	ND	ND	0.57	ND	ND	170/146[27]
	12/06/99	74.98	286.85	0.00	160[19]	ND	ND	ND	ND	ND	150
	03/10/00	71.54	290.29	0.00	61[19]	ND	ND	ND	ND	ND	150
	06/08/00	**72.60**	**289.23**	**0.00**	**135[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**42.8**
MW-9											
354.85	11/29/99	74.50	280.35	0.00	--	--	--	--	--	--	--
	12/06/99	74.35	280.50	0.00	ND	ND	ND	ND	ND	ND	3.0/2.7[27]
	03/10/00	65.94	288.91	0.00	150[19]	ND	ND	ND	ND	ND	2.5
	06/08/00	**70.77**	**284.08**	**0.00**	**67.8[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-10											
362.62	11/29/99	DRY	--	--	--	--	--	--	--	--	--
	12/06/99	DRY	--	--	--	--	--	--	--	--	--
	03/10/00[33]	85.04	277.58	0.00	78[20]	ND	ND	ND	ND	ND	130/150[27]
	06/08/00	**DRY**	--	--	--	--	--	--	--	--	--
Trip Blank											
TB-LB	03/16/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/26/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	08/18/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/22/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/15/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/23/98	--	--	--	--	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB	03/15/99	--	--	--	--	ND	ND	ND	ND	ND	ND
(cont)	03/23/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/07/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/03/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/06/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/10/00	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/08/00	--	--	--	--	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 16, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
msl = 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

* TOC elevations have been surveyed relative to mean sea level (msl) per City of Pleasanton Benchmark V1, a brass disk on the north curb of Ray Street, approximately 200 feet northwest of the centerline of First Street (Elevation = 367.17 feet msl). On March 22, 1999, MW-8 was re-surveyed and on November 26, 1999, MW-9 and MW-10 were surveyed, the Benchmark was a cut "+" on a concrete transformer pad on the north side of the property to the northwest (Elevation = 353.92 feet, msl).

** Groundwater elevation corrected for the presence of free product; correction factor = [(TOC-DTW)+(Product Thickness x 0.77)].

*** Groundwater elevation corrected for the presence of free product; correction factor = [(TOC-DTW)+(Product Thickness x 0.75)].

1 1,2-Dichloroethene (1,2-DCE) was detected at a concentration of 18 ppb.
2 Reported as Total Extractable Hydrocarbons (TEH).
3 Reported as Total Petroleum Hydrocarbons (TPH).
4 Laboratory report indicates the hydrocarbons detected appeared to be a diesel and non-diesel mixture.
5 Laboratory report indicates the hydrocarbons detected did not appear to be diesel.
6 Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.
7 Laboratory has identified the presence of MTBE at a level above or equal to the taste and odor threshold of 40 ppb in the sample collected from this well.
8 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
9 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.
10 Laboratory report indicates diesel and unidentified hydrocarbons >C16.
11 Detection limit raised. Refer to analytical reports.
12 Laboratory report indicates gasoline and unidentified hydrocarbons <C7.
13 Laboratory report indicates discrete peaks.
14 Laboratory report indicates diesel and unidentified hydrocarbons >C20.
15 Laboratory report indicates discrete peaks and unidentified hydrocarbons <C7.
16 Laboratory report indicates diesel and unidentified hydrocarbons <C15.
17 Laboratory report indicates diesel and unidentified hydrocarbons <C15 and >C20.
18 Laboratory report indicates gasoline and unidentified hydrocarbons >C8.
19 Laboratory report indicates unidentified hydrocarbons >C16.
20 Laboratory report indicates unidentified hydrocarbons C9-C24.
21 Laboratory report indicates diesel and unidentified hydrocarbons <C12.

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

EXPLANATIONS: (cont)

22 Laboratory report indicates unidentified hydrocarbons C6-C12.

23 Laboratory report indicates unidentified hydrocarbons C6-C9.

24 Laboratory report indicates unidentified hydrocarbons >C14.

25 Laboratory report indicates unidentified hydrocarbons >C10.

26 Laboratory report indicates unidentified hydrocarbons >C9.

27 MTBE by EPA Method 8260.

28 Laboratory report indicates unidentified hydrocarbons >C15.

29 Laboratory report indicates gasoline and unidentified hydrocarbons >C6.

30 Laboratory report indicates gasoline C6-C12.

31 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.

32 Laboratory report indicates unidentified hydrocarbons C9-C40.

33 Well re-developed

34 The diesel container for MW-2 was broken at lab, therefore; unable to report diesel result.

35 Laboratory report indicates MTBE was reported from a second run dilution.

Table 2

Product Thickness/Removal Data

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID	DATE	DTW (ft.)	Product Thickness (ft.)	Amount Bailed (Product + Water) gallons
MW-5	03/07/97	56.30	Sheen	--
	06/27/97	68.88	0.90	--
	09/29/97	69.47	0.35	--
	12/15/97	64.92	0.30	--
	03/16/98	49.63	0.09	0.25
	06/26/98	63.00	Sheen	--
	08/18/98	70.40	0.005	--
	09/22/98	69.10	0.06	--
	12/15/98	68.84	0.17	--
	12/23/98	68.42	0.50	--
	03/15/99	63.81	0.25	0.13
	03/23/99	63.59	0.13	0.00
	06/07/99	68.25	0.82	0.94
	09/03/99	69.38	0.70	0.078
	12/06/99	70.02	0.82	0.00
	03/10/00	64.56	0.64	0.00
	06/08/00	**66.47**	**0.51**	**0.00**

EXPLANATIONS:

Product thickness/removal data prior to March 16, 1998, were compiled from reports prepared by MPDS Services, Inc.

DTW = Depth to water

(ft.) = Feet

-- = Not Measured/Not Available

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

WELL ID	DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-1	09/03/99	ND	ND	55.2	ND	ND	ND
MW-2B	03/15/99	ND	3,800	4,800	13	ND	ND
	09/03/99	ND[2]	3,480	4,400	ND[2]	ND[2]	ND[2]
MW-3	09/03/99	ND	ND	82.4	ND	ND	ND
MW-4	09/03/99	ND	ND	ND	ND	ND	ND
MW-5	06/07/99	ND[2]	ND[2]	4,000[1]	ND[2]	ND[2]	ND[2]
	09/03/99	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
MW-7	03/15/99	ND	610	970	4.3	ND	ND
	09/03/99	ND[2]	460	872	4.36	ND[2]	ND[2]
MW-8	09/03/99	ND	ND	146	12.4	ND	ND
MW-9	12/06/99[3]	--	ND	2.7	ND	ND	ND
MW-10	03/10/00[4]	--	ND	150	ND	ND	ND

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

ppb = Parts per billion

-- = Not Analyzed

ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

1 Laboratory results indicate sample contains high concentration of Hexane.

2 Detection limit raised. Refer to analytical reports.

3 Laboratory report indicates 1,2-Dichloroethane (1,2-DCA) and Ethylene dibromide (EDB) were ND.

4 Laboratory report indicates 1,2-DCA was detected at 22 ppb and EDB was ND.

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 an 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, temperature, pH and electrical conductivity are measured. If purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. The measurements are taken 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: Tosco 7376 | Job#: 180075

Address: 4491 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Kathleen

Well ID: MW-1 | Well Condition: ok

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

Total Depth: 86.43 ft.

Depth to Water: 79.57 ft.

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

6.86 X VF 0.17 = 1.16 X 3 (case volume) = Estimated Purge Volume: 3.5 (gal.)

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

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

Starting Time: 11:10 | Weather Conditions: cldy - drizzle

Sampling Time: 11:30 | Water Color: clear | Odor: no

Purging Flow Rate: _____ gpm. | Sediment Description: _____

Did well de-water? no | If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:16	1	7.72	8.57	68.8			
11:21	2.5	7.56	8.51	68.5			
11:26	3.5	7.51	8.48	68.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376 | Job#: 180075

Address: 4491 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Vatthew

Well ID: MW-2B | Well Condition: OK

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

Total Depth: 85.25 ft.

Depth to Water: 82.73 ft.

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

2.52 X VF 0.17 = 0.42 X 3 (case volume) = Estimated Purge Volume: 1.5 (gal.)

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

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

Starting Time: 2:02 | Weather Conditions: cldy

Sampling Time: 2:15 | Water Color: clear | Odor: no

Purging Flow Rate: _____ gpm. | Sediment Description: _____

Did well de-water? no | If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X/00	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:05	0.5	7.50	12.36	69.2			
2:07	1	7.41	12.30	69.0			
2:10	1.5	7.37	12.28	68.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2B	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376
Address: 491 First st.
City: Pleasanton
Job#: 180075
Date: 6/8/00
Sampler: Matthew

Well ID: MW-3
Well Condition: ok
Well Diameter: 2 in.
Hydrocarbon Thickness: 0 (feet)
Amount Bailed (product/water): 0 (Gallons)
Total Depth: 94.11 ft.
Depth to Water: 83.22 ft.

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

10.89 X VF 0.17 = 1.85 X 3 (case volume) = Estimated Purge Volume: 6.0 (gal.)

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

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

Starting Time: 2:28
Sampling Time: ~~2:58~~ 2:58
Purging Flow Rate: 1 gpm.
Did well de-water? no

Weather Conditions: cloudy
Water Color: clear Odor: no
Sediment Description:
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:30	2	7.47	12.61	69.6			
2:32	4	7.29	12.48	69.2			
2:35	6	7.21	12.42	69.0			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376 | Job#: 180075

Address: 4191 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Vatthew

Well ID: MW-4 | Well Condition: OK

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

Total Depth: 93.01 ft.

Depth to Water: 86.98 ft.

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

6.03 X VF 0.17 = 1.02 X 3 (case volume) = Estimated Purge Volume: 3.5 (gal.)

Purge Equipment:	Sampling Equipment:
(Disposable Bailer)	(Disposable Bailer)
Bailer	Bailer
Stack	Pressure Bailer
Suction	Grab Sample
Grundfos	Other:
Other:	

Starting Time: 10:10 | Weather Conditions: cloudy

Sampling Time: 10:29 | Water Color: Ash | Odor: Mild

Purging Flow Rate: gpm. | Sediment Description: Silt

Did well de-water? no | If yes; Time: | Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cmX100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:15	1	7.80	6.42	67.6			
10:20	2	7.68	6.47	67.8			
10:26	3.5	7.63	6.50	68.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS:

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility 7376 Job#: 180075
Address: 4491 First st. Date: 6/8/00
City: Pleasanton Sampler: Vatthew

Well ID MW-5 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0.51 (feet) Amount Bailed (product/water): ~1 (Gallons)
Total Depth 72.52 ft.
Depth to Water 66.47 ft.

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

_____ X VF 0.17 = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: Not Sampled due to the presence of free product.

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility 7376 Job#: 180075
Address: 4491 First st. Date: 6/8/00
City: Pleasanton Sampler: Vaxthon

Well ID MW-6 Well Condition: ok * See notes
Well Diameter 2 in. Hydrocarbon Thickness: 4 (feet) Amount Bailed (product/water): 4 (Gallons)
Total Depth 38.02 ft.
Depth to Water 27.36 ft.

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

_____ X VF 0.17 = _____ X 3 (case volume) = Estimated Purge Volume: _____ (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: cldy
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: Insufficient water to sample. All I could get into the bailer about 4" of silt.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376 | Job#: 180075

Address: 4491 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Matthew

Well ID: MW-7 | Well Condition: ok

Well Diameter: 2 in. | Hydrocarbon Thickness: 0 (feet) | Amount Bailed (product/water): 4 (Gallons)

Total Depth: 76.90 ft.

Depth to Water: 69.81 ft.

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

7.09 X VF 0.17 = 1.20 X 3 (case volume) = Estimated Purge Volume: ~~3.6~~ 4.0 (gal.)

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

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

Starting Time: 1:20 | Weather Conditions: cloudy

Sampling Time: 1:40 | Water Color: brown | Odor: Y

Purging Flow Rate: _____ gpm. | Sediment Description: silt

Did well de-water? NO | If yes; Time: _____ | Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:26	1	7.51	12.54	68.4			
1:30	2.5	7.36	12.40	68.1			
1:36	4	7.32	12.42	68.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376 | Job#: 180075

Address: 4491 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Matthew

Well ID: MW-3 | Well Condition: ok

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

Total Depth: 86.40 ft.

Depth to Water: 72.60 ft.

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

13.80 X VF 0.17 = 2.34 X 3 (case volume) = Estimated Purge Volume: 7.5 (gal.)

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

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

Starting Time: 11:55 | Weather Conditions: cldy, drizzle

Sampling Time: 12:25 | Water Color: brn | Odor: no

Purging Flow Rate: 1 gpm. | Sediment Description: silt

Did well de-water? no | If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cmX100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:57	2.5	7.59	10.39	68.9			
12:20	5	7.42	10.52	69.4			
12:03	7.5	7.43	10.59	69.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

9/97-fieldat.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376 | Job#: 180075

Address: 4991 First st. | Date: 6/8/00

City: Pleasanton | Sampler: Matthews

Well ID: MW-9 | Well Condition: ok

Well Diameter: 2 in. | Hydrocarbon Thickness: 0 (feet) | Amount Bailed (product/water): 7 (Gallons)

Total Depth: 78.20 ft.

Depth to Water: 70.77 ft.

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

7.43 X VF 0.17 = 1.26 X 3 (case volume) = Estimated Purge Volume: 4.0 (gal.)

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

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

Starting Time: 12:45 | Weather Conditions: cloudy

Sampling Time: 1:07 | Water Color: brn | Odor: no

Purging Flow Rate: _____ gpm. | Sediment Description: silt

Did well de-water? no | If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:50	1	7.70	7.52	67.4			
12:55	2.5	7.54	7.68	68.1			
1:02	4	7.50	7.65	67.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco 7376
Address: 4941 First st.
City: Pleasanton

Job#: 180075
Date: 6/8/00
Sampler: Matthew

Well ID: MW-10
Well Condition: OK * see notes

Well Diameter: 2 in.
Total Depth: 92.90 ft.
Depth to Water: DRY ft.

Hydrocarbon Thickness: 0 (feet)
Amount Bailed (product/water): 0 (Gallons)

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

_____ X VF 0.17 = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: ~~1454~~
Sampling Time: _____
Purging Flow Rate: _____ gpm.
Did well de-water? _____

Weather Conditions: Cloudy
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
"	1 Amber	"	NONE	"	TPH-D

COMMENTS: Unable to M/S. DRY

9/97-fieldst.frm

Chain of Custody Record

TOSCO

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

Facility Number TOSCO (UNOCAL) SS#7376 (20606)
Facility Address 4191 First Street, Pleasanton, CA
Consultant Project Number 180075.85
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) DAVID DEWITT / Martine Raggio
(Phone) (510) 277-2321
Laboratory Name Sequoia Analytical
Laboratory Release Number
Samples Collected by (Name) Vartkes Tashjian
Collection Date 6/8/00
Signature Vartkes Tashjian

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: TPH Gas + BTEX w/MTBE (8015) (8020)	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 (ICAP or AA)					DO NOT BILL TB-LB ANALYSIS Remarks
TB-LB		1	W	G		HCl	Y	X												
MW-1		4	"	"	11:30 A	"	"	X	X											
MW-2B		4	"	"	2:12 P	"	"	X	X											
MW-3		4	"	"	2:58 P	"	"	X	X											
MW-4		4	"	"	10:29 A	"	"	X	X											
MW-7		4	"	"	1:40 P	"	"	X	X											
MW-8		4	"	"	12:25 P	"	"	X	X											
MW-9		4	"	"	1:07 P	"	"	X	X											

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Vartkes Tashjian	G-R Inc.	6/8/00 4:15 PM			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
					6/9/00 1615
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

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

Sequoia Analytical

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June 30, 2000

Deanna Harding
Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin, CA 94568

RE: Tosco(4)/L006066

Dear Deanna Harding

Enclosed are the results of analyses for sample(s) received by the laboratory on June 8, 2000. The diesel container for sample MW-2B was broken at the laboratory and the diesel analysis could not be run on this sample.

If there are any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson
Project Manager

CA ELAP Certificate Number I2360

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

ANALYTICAL REPORT FOR L006066

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
TB-LB	L006066-01	Water	6/8/00
MW-1	L006066-02	Water	6/8/00
MW-2B	L006066-03	Water	6/8/00
MW-3	L006066-04	Water	6/8/00
MW-4	L006066-05	Water	6/8/00
MW-7	L006066-06	Water	6/8/00
MW-8	L006066-07	Water	6/8/00
MW-9	L006066-08	Water	6/8/00

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - San Carlos

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
TB-LB			**L006066-01**				**Water**	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*87.8*	%	
MW-1			**L006066-02**				**Water**	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	**98.9**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*113*	%	
MW-2B			**L006066-03**				**Water**	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		1000	ND	ug/l	
Benzene	"	"	"		10.0	ND	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	"		250	**7780**	"	1
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*94.9*	%	
MW-3			**L006066-04**				**Water**	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/14/00		250	**1200**	ug/l	2
Benzene	"	"	"		2.50	**52.0**	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	**41.7**	"	
Xylenes (total)	"	"	"		2.50	**356**	"	
Methyl tert-butyl ether	"	"	"		25.0	**55.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.2*	%	
MW-4			**L006066-05**				**Water**	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - San Carlos

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4 (continued)			L006066-05				Water	
Methyl tert-butyl ether	0060053	6/13/00	6/13/00		5.00	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.2*	%	
MW-7			L006066-06				Water	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		50.0	**625**	ug/l	2
Benzene	"	"	"		0.500	**30.8**	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	**0.761**	"	
Xylenes (total)	"	"	"		0.500	**0.940**	"	
Methyl tert-butyl ether	"	"	"		100	**1290**	"	1
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*117*	%	
MW-8			L006066-07				Water	
Purgeable Hydrocarbons as Gasoline	0060053	6/13/00	6/13/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	**42.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.3*	%	
MW-9			L006066-08				Water	
Purgeable Hydrocarbons as Gasoline	0060059	6/14/00	6/14/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*85.5*	%	

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**L006066-02**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**68.2**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*96.4*	%	
MW-3			**L006066-04**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**489**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*102*	%	
MW-4			**L006066-05**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**72.8**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*98.6*	%	
MW-7			**L006066-06**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**463**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*107*	%	
MW-8			**L006066-07**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**135**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*103*	%	
MW-9			**L006066-08**				**Water**	
Diesel Range Hydrocarbons	0F20032	6/20/00	6/21/00	DHS LUFT	50.0	**67.8**	ug/l	3
Surrogate: n-Pentacosane	"	"	"	*50-150*		*104*	%	

Sequoia Analytical

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0060053	**Date Prepared: 6/13/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0060053-BLK1**									
Purgeable Hydrocarbons as Gasoline	6/13/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.58*	"	*70.0-130*	*85.8*			
LCS	**0060053-BS1**									
Benzene	6/13/00	10.0		9.81	ug/l	70.0-130	98.1			
Toluene	"	10.0		9.09	"	70.0-130	90.9			
Ethylbenzene	"	10.0		9.22	"	70.0-130	92.2			
Xylenes (total)	"	30.0		28.0	"	70.0-130	93.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.5*	"	*70.0-130*	*105*			
LCS	**0060053-BS2**									
Purgeable Hydrocarbons as Gasoline	6/13/00	250		217	ug/l	70.0-130	86.8			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.05*	"	*70.0-130*	*90.5*			
Matrix Spike	**0060053-MS1**		**L006066-05**							
Purgeable Hydrocarbons as Gasoline	6/13/00	250	ND	259	ug/l	60.0-140	**104**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.80*	"	*70.0-130*	*98.0*			
Matrix Spike Dup	**0060053-MSD1**		**L006066-05**							
Purgeable Hydrocarbons as Gasoline	6/13/00	250	ND	253	ug/l	60.0-140	**101**	25.0	**2.93**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.27*	"	*70.0-130*	*92.7*			
Batch: 0060059	**Date Prepared: 6/14/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0060059-BLK1**									
Purgeable Hydrocarbons as Gasoline	6/14/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.50*	"	*70.0-130*	*85.0*			
LCS	**0060059-BS1**									
Benzene	6/14/00	10.0		9.62	ug/l	70.0-130	96.2			
Toluene	"	10.0		8.87	"	70.0-130	88.7			

Sequoia Analytical

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0060059-BS1**									
Ethylbenzene	6/14/00	10.0		8.88	ug/l	70.0-130	88.8			
Xylenes (total)	"	30.0		27.1	"	70.0-130	90.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.03*	"	*70.0-130*	*90.3*			
LCS	**0060059-BS2**									
Purgeable Hydrocarbons as Gasoline	6/14/00	250		235	ug/l	70.0-130	94.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.37*	"	*70.0-130*	*93.7*			
Matrix Spike	**0060059-MS1**		**L006067-08**							
Benzene	6/14/00	10.0	ND	10.8	ug/l	60.0-140	**108**			
Toluene	"	10.0	ND	9.91	"	60.0-140	**99.1**			
Ethylbenzene	"	10.0	ND	10.1	"	60.0-140	**101**			
Xylenes (total)	"	30.0	ND	30.6	"	60.0-140	**102**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70.0-130*	*103*			
Matrix Spike Dup	**0060059-MSD1**		**L006067-08**							
Benzene	6/14/00	10.0	ND	11.2	ug/l	60.0-140	**112**	25.0	**3.64**	
Toluene	"	10.0	ND	10.5	"	60.0-140	**105**	25.0	**5.78**	
Ethylbenzene	"	10.0	ND	10.6	"	60.0-140	**106**	25.0	**4.83**	
Xylenes (total)	"	30.0	ND	31.6	"	60.0-140	**105**	25.0	**2.90**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.99*	"	*70.0-130*	*99.9*			

Sequoia Analytical

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Gettler-Ryan/Geostrategies(1)	Project: Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number: Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager: Deanna Harding	Reported: 6/30/00

Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0F20032	**Date Prepared: 6/20/00**					**Extraction Method: EPA 3510B**				
Blank	**0F20032-BLK1**									
Diesel Range Hydrocarbons	6/22/00			ND	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.0948*	"	*50-150*	*94.8*			
LCS	**0F20032-BS1**									
Diesel Range Hydrocarbons	6/21/00	1.00		0.831	mg/l	60-140	83.1			
Surrogate: n-Pentacosane	"	*0.100*		*0.0968*	"	*50-150*	*96.8*			
Matrix Spike	**0F20032-MS1**		**MJF0603-01**							
Diesel Range Hydrocarbons	6/21/00	1.00	ND	0.899	mg/l	50-150	**89.9**			
Surrogate: n-Pentacosane	"	*0.100*		*0.0910*	"	*50-150*	*91.0*			
Matrix Spike Dup	**0F20032-MSD1**		**MJF0603-01**							
Diesel Range Hydrocarbons	6/21/00	1.00	ND	0.863	mg/l	50-150	**86.3**	50	**4.09**	
Surrogate: n-Pentacosane	"	*0.100*		*0.0876*	"	*50-150*	*87.6*			

*Refer to end of report for text of notes and definitions.

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 6/8/00
6747 Sierra Court, Suite J	Project Number:	Tosco (Unocal) SS#7376	Received: 6/8/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 6/30/00

Notes and Definitions

#	Note
1	MTBE reported from a second run dilution.
2	Chromatogram Pattern: Gasoline C6-C12
3	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference