GETTLER-RYAN INC.

TRANSMITTAL

April 20, 2001
G-R #180075

MAY 0 0 2001

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

MAY 0 9 2001

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 17, 2001	Groundwater Monitoring and Sampling Report First Quarter - Event of March 5, 2001

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 ***May 4, 2001***, this report will be distributed to the following:

cc: Mr. Scott Seary, Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
Ms. Carol Mahoney, Zone 7 Water District, 5997 Parkside Drive, Pleasanton, CA 94588

Enclosure

trans/7376-dbd

GETTLER-RYAN INC.

April 17, 2001
G-R Job #180075

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

RE: **First Quarter Event of March 5, 2001**
Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

Dear Mr. De Witt:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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.

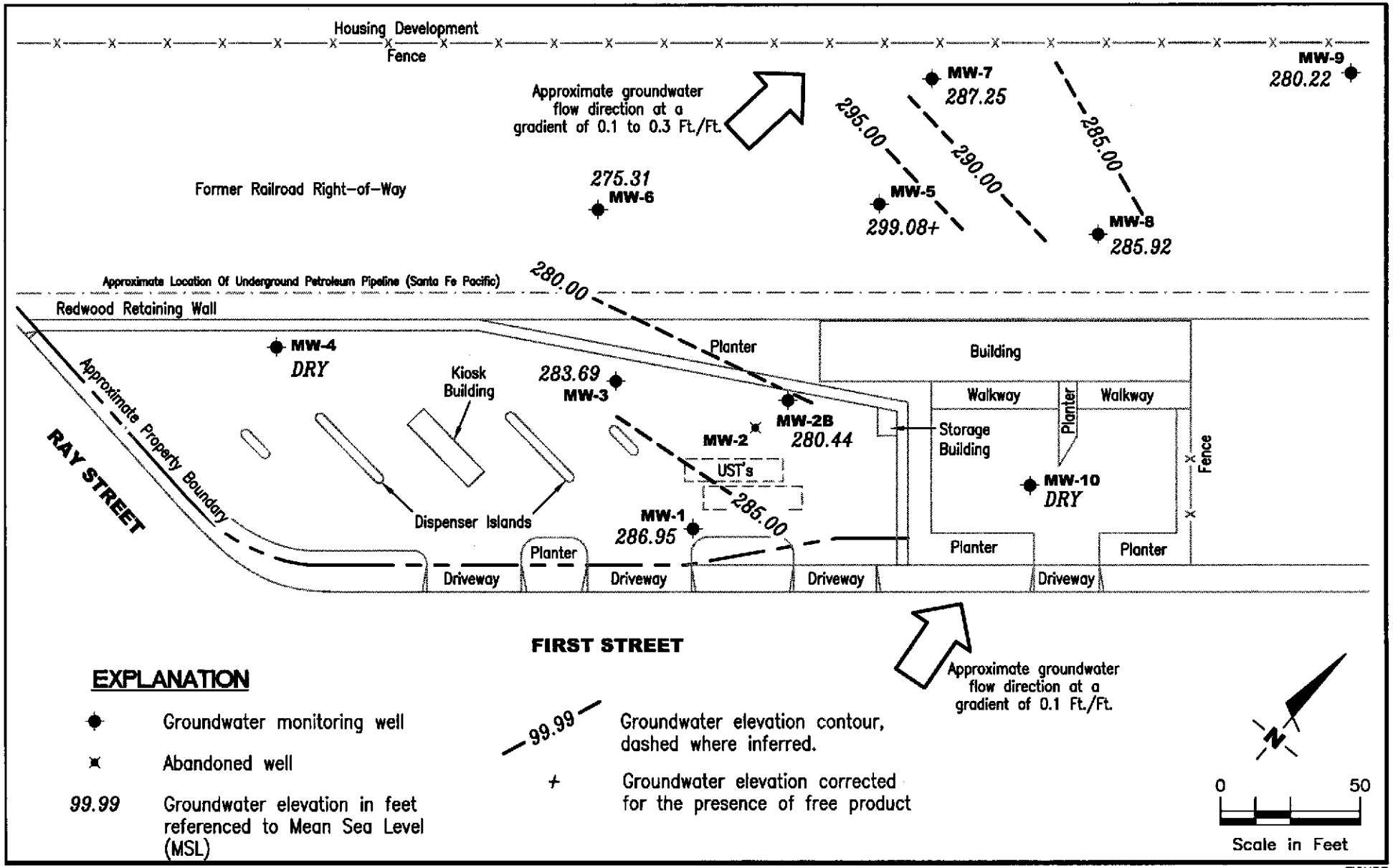
Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Groundwater Sampling (attached). The field data sheets are also attached. The samples were analyzed by Sequoia Analytical. Analytical results are summarized in Tables 1 and 3, and a Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

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



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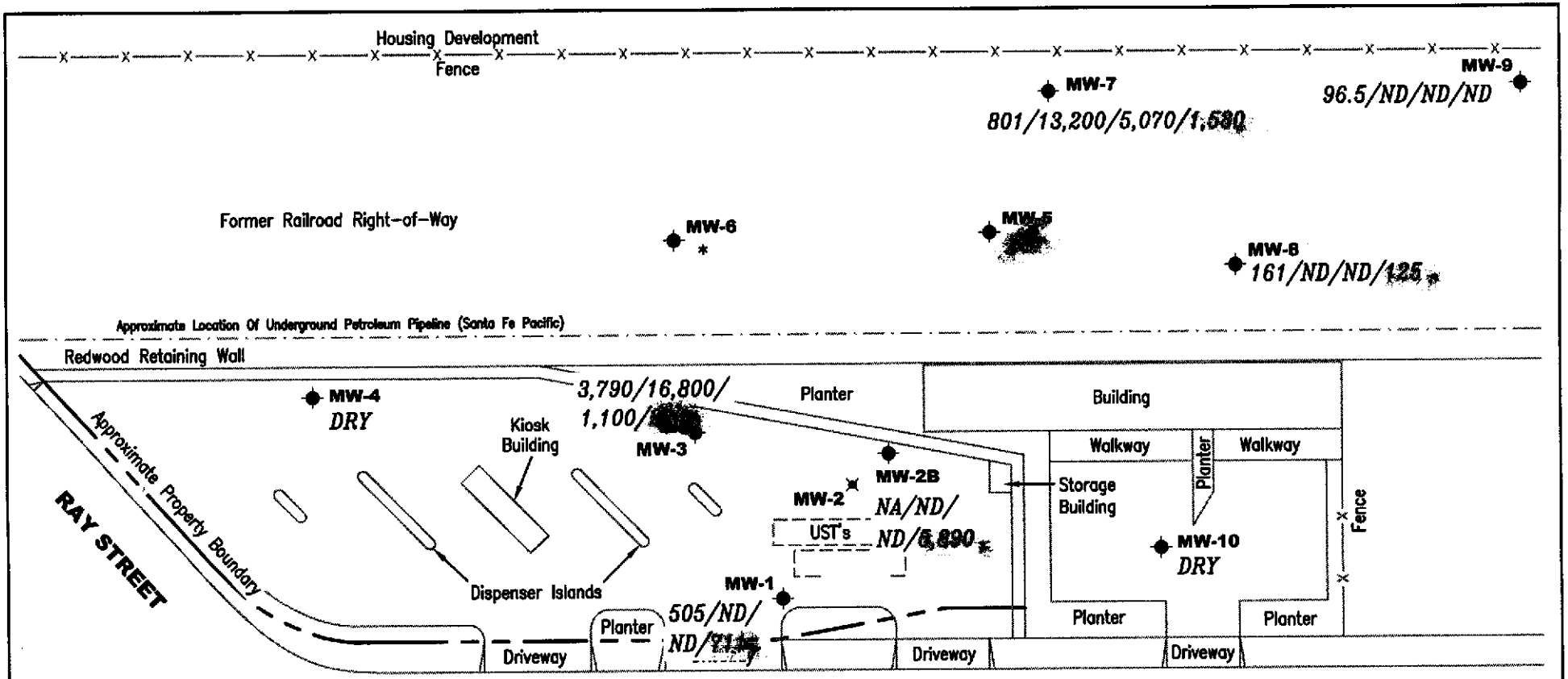
POTENTIOMETRIC MAP
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180075		March 5, 2001	

FILE NAME: P:\Enviro\Tosco\7376\Q01-7376.DWG | Layout Tab: Pot1



EXPLANATION

- Groundwater monitoring well
- Abandoned well
- Insufficient water to sample

A/B/C/D — TPH(D) (Total Petroleum Hydrocarbons as Diesel)/TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/Benzene/[illegible] concentrations in ppb

FP — Free Product
ND — Not Detected
NA — Not Analyzed

N

0 50

Scale in Feet

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6747 Sierra Ct., Suite J
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		March 5, 2001	

FILE NAME: P:\Enviro\Tosco\7376\Q01-7376.DWG | Layout Tab: Con1

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
	09/25/00	79.48	287.50	0.00	ND	ND	ND	ND	ND	ND	145
	12/19/00	79.64	287.34	0.00	ND	ND	ND	ND	ND	ND	330
	03/05/01	**80.03**	**286.95**	**0.00**	**505[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**711**

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	--	--	--	--	--	--	--	--	--
	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	0.00	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	0.00	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]
	12/06/99	84.41	280.64	0.00	850[32]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	4,400
	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

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	09/25/00	84.24	280.81	0.00	2,900[20]	52.9[30]	8.83	6.58	0.932	5.60	12,200
(cont)	12/19/00	84.39	280.66	0.00	700[19]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	6,000
	03/05/01	**84.61**	**280.44**	**0.00**	**--[36]**	**ND**	**ND**	**ND**	**ND**	**ND**	**5,890**
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]
	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]

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	03/10/00	83.23	283.80	0.00	2,500[20]	5,100[30]	340	ND[11]	97	450	200
(cont)	06/08/00	83.22	283.81	0.00	489[20]	1,200[30]	52.0	ND[11]	41.7	356	55.8
	09/25/00	83.37	283.66	0.00	4,380[20]	3,400[30]	305	ND[11]	25.4	512	137
	12/19/00	83.27	283.76	0.00	5,600[35]	6,800[30]	260	ND[11]	120	950	130
	03/05/01	**83.34**	**283.69**	**0.00**	**3,790[20]**	**16,800[30]**	**1,100**	**48.6**	**637**	**4,260**	**224**
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
	09/25/00	DRY	--	--	--	--	--	--	--	--	--
	12/19/00	DRY	--	--	--	--	--	--	--	--	--
	03/05/01	**DRY**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

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											
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
	06/27/97	68.88	295.03***	0.90	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	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					--	--
	09/25/00	69.02	294.65**	0.60	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/19/00	68.31	295.01**	0.14	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	03/05/01	**64.19**	**299.08****	**0.08**	**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

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	12/15/97	84.03	279.09	0.00	ND	78[9]	ND	ND	ND	ND	39
(cont)	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
	01/23/99	80.68	282.45	0.00	ND	--	--	--	--	--	--
	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	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
	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	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
	09/25/00	DRY	--	--	--	--	--	--	--	--	--
	12/19/00	87.73	275.40	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--
	03/05/01	**87.82**	**275.31**	**0.00**	**NOT SAMPLED DUE TO INSUFFICIENT WATER**				**--**	**--**	**--**
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

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-7	03/10/00	67.36	288.61	0.00	930[20]	2,900[31]	1,600	ND[11]	40	54	1,100
(cont)	06/08/00	69.81	286.16	0.00	463[20]	625[30]	30.8	ND	0.761	0.940	1,290[35]
	09/25/00	70.15	285.82	0.00	1,810[20]	2,180[22]	423	ND[11]	ND[11]	ND[11]	1,510
	12/19/00	70.11	285.86	0.00	930[32]	5,900[31]	1,000	ND[11]	ND[11]	ND[11]	1,300
	03/05/01	**68.72**	**287.25**	**0.00**	**801[20]**	**13,200[30]**	**5,070**	**195**	**306**	**385**	**1,530**
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
	12/23/98	70.03	292.34	0.00	--	--	--	--	--	--	--
	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
	09/25/00	75.31	286.52	0.00	518[20]	ND	ND	ND	ND	ND	227
	12/19/00	75.54	286.29	0.00	100[19]	ND	ND	ND	ND	ND	160
	03/05/01	**75.91**	**285.92**	**0.00**	**161[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**125**
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

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-9	09/25/00	74.75	280.10	0.00	903[20]	ND	ND	0.516	ND	ND	10.5
(cont)	12/19/00	74.43	280.42	0.00	ND	ND	ND	ND	ND	ND	ND
	03/05/01	**74.63**	**280.22**	**0.00**	**96.5[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	--	--	--	--	--	--	--	--	--
	09/25/00	DRY	--	--	--	--	--	--	--	--	--
	12/19/00	DRY	--	--	--	--	--	--	--	--	--
	03/05/01	**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
	03/15/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	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

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	09/25/00	--	--	--	--	ND	ND	ND	ND	ND	ND
(cont)	12/19/00	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/05/01	**--**	**--**	**--**	**--**	**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-D = Total Petroleum Hydrocarbons as Diesel
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.

EXPLANATIONS: (cont)

20 Laboratory report indicates unidentified hydrocarbons C9-C24.
21 Laboratory report indicates diesel and unidentified hydrocarbons <C12.
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 unidentified hydrocarbons <C16.
36 Laboratory was unable to report diesel result due to insufficient amount of sample.

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
	09/25/00	69.02	0.60	0.00
	12/19/00	68.31	0.14	0.00
	03/05/01	**64.19**	**0.08**	**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

ND = Not Detected

-- = Not Analyzed

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.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-1 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 86.43 ft.

Depth to Water 80.03 ft.

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

6.40 X VF 0.17 = 1.08 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: 9:55 Weather Conditions: cloudy

Sampling Time: 10:20 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	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:59	1	7.80	767	64.7			
10:05	2	7.67	782	65.2			
10:12	3.5	7.60	786	65.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS: ____

3/97-fieldst.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-2B Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 85.25 ft.

Depth to Water 84.61 ft.

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

0.64 X VF 0.17 = 0.10 X 3 (case volume) = Estimated Purge Volume: 0.5 (gal.)

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

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other:

Starting Time: 1:30 Weather Conditions: cldy

Sampling Time: 1:45 Water Color: clear Odor: Mild

Purging Flow Rate: gpm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
	4	7.45	1039	66.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2B	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber (1 liter)	Y	NONE	"	TPH-D

COMMENTS: All I could collect, 3 VOAs and 200 ml. (for Diesel) only. Tried more than 10 times, no luck!

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WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID: MW-3 Well Condition: ok

Well Diameter: 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth: 94.11 ft.

Depth to Water: 83.34 ft.

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

10.77 x VF 0.17 = 1.83 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: 12:53 Weather Conditions: dry

Sampling Time: 1:15 Water Color: clear Odor: y

Purging Flow Rate: 1 gpm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:55	2	7.34	1134	68.6			
12:57	4	7.21	1120	68.2			
12:59	5.5	7.15	1117	68.0			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-4 Well Condition: ok

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 92.95 ft.

Depth to Water DRY ft.

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

_____ X VF _____ = _____ 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	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS: Well is Dry.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # Tosco # 7376 Job#: 180075

Address: 4191 First St. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-5 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.08 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 72.52 ft.

Depth to Water 64.19 ft.

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

____ X VF ____ = ____ 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	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS: NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-6 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 88.00 ft.

Depth to Water 87.82 ft.

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

_____ X VF ____ = _____ 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: _____

Sampling Time: _____

Purging Flow Rate: _____ gpm.

Did well de-water? _____

Weather Conditions: _____

Water Color: _____ Odor: _____

Sediment Description: _____

If yes; Time: _____ Volume: _____ (gal.)

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS: Insufficient Water to Sample.

3/97-fieldot.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-7 Well Condition: ok

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 76.90 ft.

Depth to Water 68.72 ft.

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

8.18 x VF 0.17 = 1.39 x 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

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

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

Starting Time: 12:05 Weather Conditions: cloudy

Sampling Time: 12:30 Water Color: brn Odor: Y

Purging Flow Rate: ppm. Sediment Description: slt

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:11	1.5	7.40	1208	65.5			
12:18	3	7.29	1217	66.1			
12:25	4.5	7.26	1224	66.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	—	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #: Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID: MW-8 Well Condition: OK

Well Diameter: 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth: 86.40 ft.

Depth to Water: 75.91 ft.

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

10.49 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: 10:40 Weather Conditions: cldy

Sampling Time: 11:05 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/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:42	2	7.63	947	67.0			
10:44	4	7.47	958	67.6			
10:46	5.5	7.44	962	67.8			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID MW-9 Well Condition: ok

Well Diameter 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 78.20 ft.

Depth to Water 74.63 ft.

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

3.57 x VF 0.17 = 0.60 x 3 (case volume) = Estimated Purge Volume: 2.0 (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: cldy

Sampling Time: 11:43 Water Color: bro. Odor: no

Purging Flow Rate: ppm. Sediment Description: silt

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:26	0.5	7.72	817	64.8			
11:31	1	7.60	821	65.2			
11:36	2	7.55	830	65.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: Tosco # 7376 Job#: 180075

Address: 4191 First st. Date: 3/5/01

City: Pleasanton, Ca. Sampler: Vartkes

Well ID: MW-10 Well Condition: OK

Well Diameter: 2 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth: 92.90 ft.

Depth to Water: DRY ft.

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

____ X VF ____ = ____ 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	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE
"	1 Amber	Y	NONE	"	TPH-D

COMMENTS: Well is Dry

TOSCO

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

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

Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Vartkes Tashjian
Collection Date: 3/5/01
Signature: Vartkes Tashjian

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)	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: MKC0095 — Remarks
TB-LB		1	W	G		HCl	Y	X											01	⊗ MW-2B
MW-1		4	"	"	10:20 AM	"	"	X	X		Diesel Only !!								02	Enough ?
MW-2B		4	"	"	1:45 PM	"	"	X	(X)	←	No enough sample.				OK	per	Deanna		03	
MW-3		4	"	"	1:15 PM	"	"	X	X		not to run.			9/6/01					04	
MW-7		4	"	"	12:30 PM	"	"	X	X								10:47 AM.		05	
MW-8		4	"	"	11:05 AM	"	"	X	X										06	
MW-9		4	"	"	11:43 AM	"	"	X	X										07	
																			08	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Vartkes Tashjian	G-R Inc.	3/5/01 3:10 PM			3/5/01 5:10
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
		3/5/01			3/5/01
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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20 March, 2001

Deanna Harding
Gettler Ryan/Geostrategies - Tosco/Unocal
6747 Sierra Ct, Suite J
Dublin, CA 94568

RE: Tosco/Unocal
Sequoia Report: MKC0095

Enclosed are the results of analyses for samples received by the laboratory on 03/05/01 15:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	MKC0095-01	Water	03/05/01 00:00	03/05/01 15:10
MW-1	MKC0095-02	Water	03/05/01 10:20	03/05/01 15:10
MW-2B	MKC0095-03	Water	03/05/01 13:45	03/05/01 15:10
MW-3	MKC0095-04	Water	03/05/01 13:15	03/05/01 15:10
MW-7	MKC0095-05	Water	03/05/01 12:30	03/05/01 15:10
MW-8	MKC0095-06	Water	03/05/01 11:05	03/05/01 15:10
MW-9	MKC0095-07	Water	03/05/01 11:43	03/05/01 15:10

Sequoia Analytical - Morgan Hill

James Hartley, Project Manager

Sequoia Analytical

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (MKC0095-01) Water Sampled: 03/05/01 00:00 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1C06002	03/06/01	03/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	
MW-1 (MKC0095-02) Water Sampled: 03/05/01 10:20 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1C06002	03/06/01	03/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**711**	25.0	"	10	"	"	03/07/01	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*93.9 %*	*70-130*		"	"	*03/06/01*	"	
MW-2B (MKC0095-03) Water Sampled: 03/05/01 13:45 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1C06002	03/06/01	03/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**5890**	100	"	40	"	"	03/06/01	"	M-03
Surrogate: a,a,a-Trifluorotoluene		*111 %*	*70-130*		"	"	*03/06/01*	"	

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MKC0095-04) Water Sampled: 03/05/01 13:15 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	**16800**	2000	ug/l	40	1C06001	03/06/01	03/06/01	DHS LUFT	P-01
Benzene	**1100**	20.0	"	"	"	"	"	"	
Toluene	**48.6**	20.0	"	"	"	"	"	"	
Ethylbenzene	**637**	20.0	"	"	"	"	"	"	
Xylenes (total)	**4260**	20.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**224**	100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*108 %*	*70-130*		"	"	"	"	
MW-7 (MKC0095-05) Water Sampled: 03/05/01 12:30 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	**13200**	5000	ug/l	100	1C06001	03/06/01	03/06/01	DHS LUFT	P-01
Benzene	**5070**	50.0	"	"	"	"	"	"	
Toluene	**195**	50.0	"	"	"	"	"	"	
Ethylbenzene	**306**	50.0	"	"	"	"	"	"	
Xylenes (total)	**385**	50.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1530**	250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*142 %*	*70-130*		"	"	"	"	*S-02*
MW-8 (MKC0095-06) Water Sampled: 03/05/01 11:05 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1C06002	03/06/01	03/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**125**	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MKC0095-07) Water Sampled: 03/05/01 11:43 Received: 03/05/01 15:10									
Purgeable Hydrocarbons	ND	50.0	ug/l	1	1C06002	03/06/01	03/06/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*99.9 %*		*70-130*	"	"	"	"	

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MKC0095-02) Water	**Sampled: 03/05/01 10:20**	**Received: 03/05/01 15:10**							
Diesel Range Hydrocarbons	**505**	75.8	ug/l	1	1C12021	03/12/01	03/20/01	DHS LUFT	D-15
Surrogate: n-Pentacosane		*209 %*	*50-150*		"	"	"	"	*S-02*
MW-3 (MKC0095-04) Water	**Sampled: 03/05/01 13:15**	**Received: 03/05/01 15:10**							
Diesel Range Hydrocarbons	**3790**	50.0	ug/l	1	1C12021	03/12/01	03/20/01	DHS LUFT	D-15
Surrogate: n-Pentacosane		*126 %*	*50-150*		"	"	"	"	
MW-7 (MKC0095-05) Water	**Sampled: 03/05/01 12:30**	**Received: 03/05/01 15:10**							
Diesel Range Hydrocarbons	**801**	50.0	ug/l	1	1C12021	03/12/01	03/20/01	DHS LUFT	D-15
Surrogate: n-Pentacosane		*85.9 %*	*50-150*		"	"	"	"	
MW-8 (MKC0095-06) Water	**Sampled: 03/05/01 11:05**	**Received: 03/05/01 15:10**							
Diesel Range Hydrocarbons	**161**	50.0	ug/l	1	1C12021	03/12/01	03/20/01	DHS LUFT	D-15
Surrogate: n-Pentacosane		*87.5 %*	*50-150*		"	"	"	"	
MW-9 (MKC0095-07) Water	**Sampled: 03/05/01 11:43**	**Received: 03/05/01 15:10**							
Diesel Range Hydrocarbons	**96.5**	50.0	ug/l	1	1C12021	03/12/01	03/20/01	DHS LUFT	D-15
Surrogate: n-Pentacosane		*82.2 %*	*50-150*		"	"	"	"	

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C06001 - EPA 5030B [P/T]										
Blank (1C06001-BLK1)				Prepared & Analyzed: 03/06/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*9.77*		"	*10.0*		*97.7*	*70-130*			
LCS (1C06001-BS1)				Prepared & Analyzed: 03/06/01						
Benzene	9.52	0.500	ug/l	10.0		95.2	70-130			
Toluene	10.3	0.500	"	10.0		103	70-130			
Ethylbenzene	10.7	0.500	"	10.0		107	70-130			
Xylenes (total)	30.1	0.500	"	30.0		100	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.2*		"	*10.0*		*102*	*70-130*			
Matrix Spike (1C06001-MS1)		**Source: MKC0094-04**		Prepared & Analyzed: 03/06/01						
Benzene	9.45	0.500	ug/l	10.0	ND	94.5	60-140			
Toluene	9.96	0.500	"	10.0	ND	99.6	60-140			
Ethylbenzene	10.4	0.500	"	10.0	ND	104	60-140			
Xylenes (total)	30.4	0.500	"	30.0	ND	101	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.82*		"	*10.0*		*98.2*	*70-130*			
Matrix Spike Dup (1C06001-MSD1)		**Source: MKC0094-04**		Prepared & Analyzed: 03/06/01						
Benzene	9.67	0.500	ug/l	10.0	ND	96.7	60-140	2.30	25	
Toluene	10.1	0.500	"	10.0	ND	101	60-140	1.40	25	
Ethylbenzene	10.6	0.500	"	10.0	ND	106	60-140	1.90	25	
Xylenes (total)	30.7	0.500	"	30.0	ND	102	60-140	0.982	25	
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C06002 - EPA 5030B [P/T]										
Blank (1C06002-BLK1)				Prepared & Analyzed: 03/06/01						
Purgeable Hydrocarbons	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	2.50	"							
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
LCS (1C06002-BS1)				Prepared & Analyzed: 03/06/01						
Benzene	8.64	0.500	ug/l	10.0		86.4	70-130			
Toluene	9.05	0.500	"	10.0		90.5	70-130			
Ethylbenzene	10.7	0.500	"	10.0		107	70-130			
Xylenes (total)	31.9	0.500	"	30.0		106	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.86*		"	*10.0*		*98.6*	*70-130*			
Matrix Spike (1C06002-MS1)		Source: MKC0095-07		Prepared & Analyzed: 03/06/01						
Benzene	8.25	0.500	ug/l	10.0	ND	82.5	60-140			
Toluene	8.81	0.500	"	10.0	ND	88.1	60-140			
Ethylbenzene	9.23	0.500	"	10.0	ND	92.3	60-140			
Xylenes (total)	27.9	0.500	"	30.0	ND	93.0	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.60*		"	*10.0*		*96.0*	*70-130*			
Matrix Spike Dup (1C06002-MSD1)		Source: MKC0095-07		Prepared & Analyzed: 03/06/01						
Benzene	8.29	0.500	ug/l	10.0	ND	82.9	60-140	0.484	25	
Toluene	8.68	0.500	"	10.0	ND	86.8	60-140	1.49	25	
Ethylbenzene	9.30	0.500	"	10.0	ND	93.0	60-140	0.756	25	
Xylenes (total)	27.6	0.500	"	30.0	ND	92.0	60-140	1.08	25	
Surrogate: a,a,a-Trifluorotoluene	*9.43*		"	*10.0*		*94.3*	*70-130*			

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C12021 - EPA 3510B										
Blank (1C12021-BLK1)				Prepared: 03/12/01 Analyzed: 03/15/01						
Diesel Range Hydrocarbons	ND	50.0	ug/l							
Surrogate: n-Pentacosane	*68.5*		"	*100*		*68.5*	*50-150*			
LCS (1C12021-BS1)				Prepared: 03/12/01 Analyzed: 03/15/01						
Diesel Range Hydrocarbons	773	50.0	ug/l	1000		77.3	60-140			
Surrogate: n-Pentacosane	*73.2*		"	*100*		*73.2*	*50-150*			
Matrix Spike (1C12021-MS1)		**Source: MKC0066-02**		Prepared: 03/12/01 Analyzed: 03/15/01						
Diesel Range Hydrocarbons	782	50.0	ug/l	1000	ND	78.2	50-150			
Surrogate: n-Pentacosane	*64.8*		"	*100*		*64.8*	*50-150*			
Matrix Spike Dup (1C12021-MSD1)		**Source: MKC0066-02**		Prepared: 03/12/01 Analyzed: 03/15/01						
Diesel Range Hydrocarbons	764	50.0	ug/l	1000	ND	76.4	50-150	2.33	50	
Surrogate: n-Pentacosane	*68.8*		"	*100*		*68.8*	*50-150*			

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Gettler Ryan/Geostrategies - Tosco/Unocal	Project: Tosco/Unocal	
6747 Sierra Ct, Suite J	Project Number: Tosco SS #7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/20/01 12:58

Notes and Definitions

D-15	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
M-03	Sample was analyzed at a second dilution.
P-01	Chromatogram Pattern: Gasoline C6-C12
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
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
RPD	Relative Percent Difference