GETTLER-RYAN INC.

Review 5/4/01 AG

TRANSMITTAL

MAY 21 2001

April 30, 2001
G-R #:180109

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

CC: Mr. Tim Ripp
IT Corporation
1921 Ringwood Avenue
San Jose, California 95131

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

RE: Tosco (Unocal) SS #5760
376 Lewelling Boulevard
San Lorenzo, California

AG

STID 1746 ✓

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 19, 2001	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 16, 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 14, 2001***, this report will be distributed to the following:

cc: **Ms. Amy Leech, Alameda County Health Care Services, 1131 Harbor Bay Parkway, Alameda, CA 94501**

Enclosure

trans/5760-dbd

GETTLER-RYAN INC.

April 19, 2001
G-R Job #180109

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

RE: First Semi-Annual Event of March 16, 2001
Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, 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 not present in the wells. Static water level data and groundwater elevations are summarized in Table 1. Dissolved Oxygen Concentrations are summarized in Table 3. 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 2. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

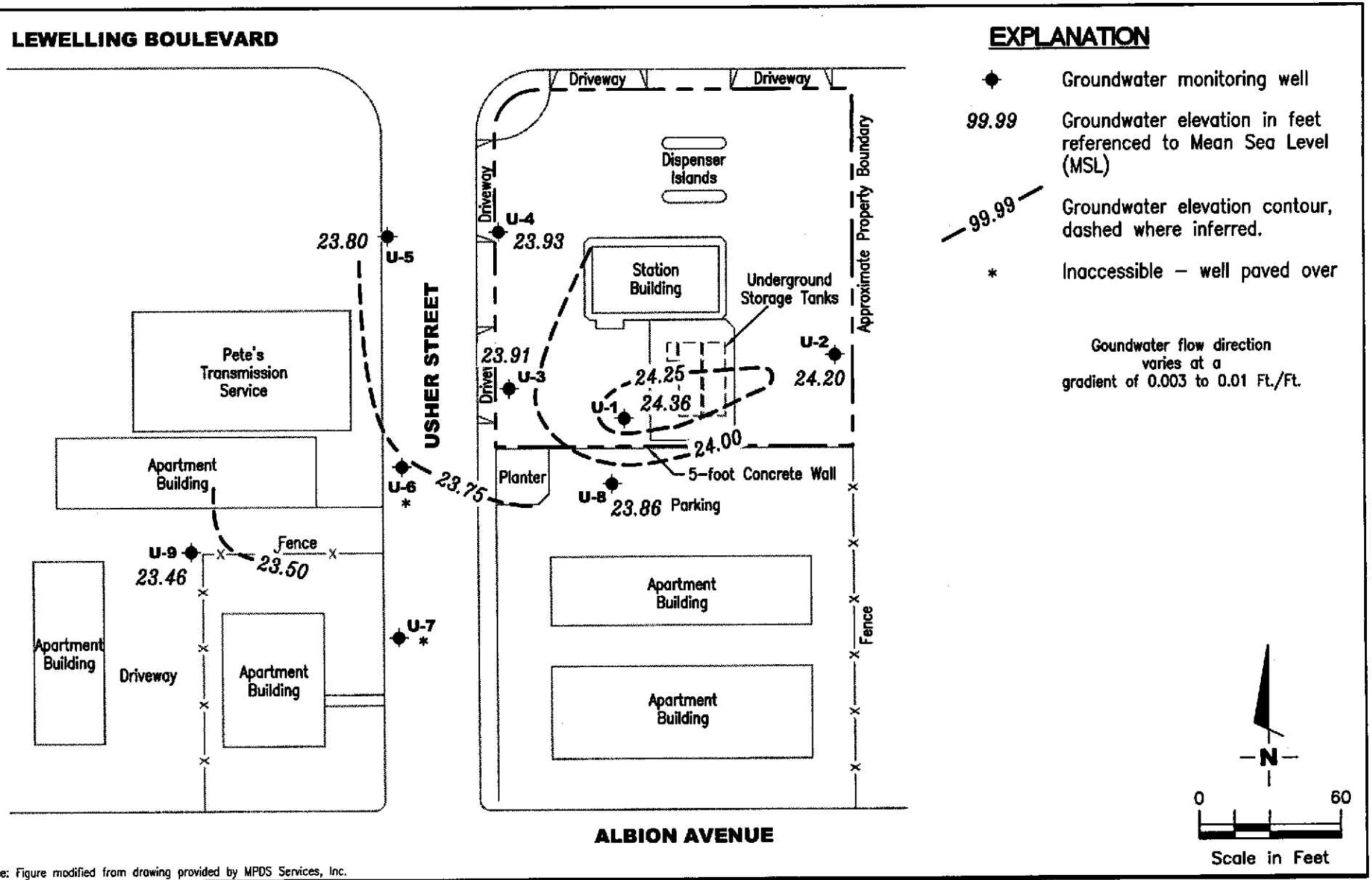
Deanna L. Harding
Project Coordinator

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: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

5760.qmi



Source: Figure modified from drawing provided by MPDS Services, Inc.

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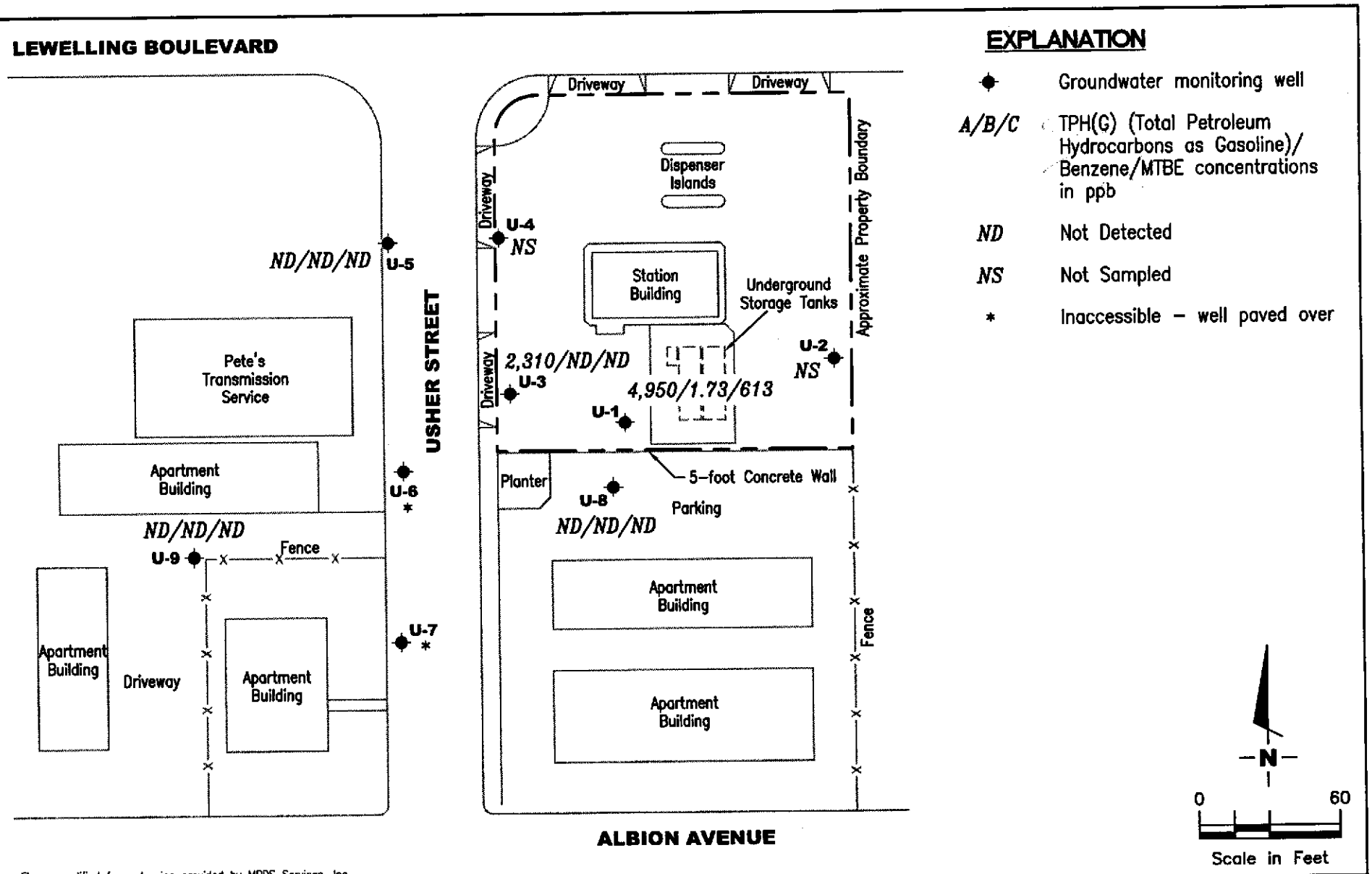
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180109		March 16, 2001	

FILE NAME: P:\Enviro\Tosco\5760\Q01-5760.DWG | Layout Tab: Pot1



Source: Figure modified from drawing provided by MPDS Services, Inc.

GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
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CONCENTRATION MAP
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180109		March 16, 2001	

FILE NAME: P:\Enviro\Tosco\5760\Q01-5760.DWG | Layout Tab: Con1

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	02/09/88	--	--	--	93,000	3,600	11,000	--[1]	20,000	--
	03/20/90	--	--	--	36,000	2,100	5,500	1,900	9,300	--
	06/05/90	--	--	--	46,000	2,300	5,500	2,500	11,000	--
	08/24/90	--	--	--	27,000	1,200	1,800	1,400	5,500	--
	12/05/90	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	03/04/91	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	06/03/91	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	09/19/91	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	12/04/91	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	03/05/92	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	04/07/92	--	--	--	NOT SAMPLED - PRODUCT SKIMMER INSTALLED IN WELL					--
	08/06/92	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	11/20/92	--	--	--	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	02/12/93	--	--	--	70,000	2,200	8,400	3,100	18,000	--
40.51	06/04/93	16.72	23.79	0.00	35,000	1,300	5,700	900	9,200	--
	09/09/93	17.77	22.74	0.00	67,000	2,900	18,000	6,200	32,000	--
40.20	12/02/93	18.36	21.84	<0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	03/09/94	17.20	23.00	0.00	45,000	930	4,100	2,000	11,000	--
	06/09/94	17.42	22.78	0.00	59,000	5,200	1,300	5,200	15,000	--
	09/07/94	18.17	22.03	0.00	41,000	1,600	6,200	3,100	16,000	--
	12/05/94	16.67	23.53	0.00	1,300	55	20	16	330	--
	03/09/95	15.82	24.38	0.00	49,000	860	3,200	1,900	10,000	1,500
	06/13/95	14.70	25.50	0.00	53,000	1,400	5,000	2,500	14,000	2,800
40.01**	09/12/95	16.77	23.24	0.00	43,000	910	2,700	1,700	9,600	1,400
40.20	12/14/95	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/20/96	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/22/96	--	--	--	13,000	200	590	640	4,000	790
	09/24/96	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/27/97	15.29	24.91	0.00	1,300	8.0	ND	ND	400	ND
	09/23/97	17.20	23.00	0.00	2,000	15	ND	ND	530	ND
	03/10/98	12.68	27.52	0.00	2,200[6]	19	4.8	ND[7]	980	38

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	09/04/98	16.84	23.36	0.00	5,300[8]	53	ND[7]	410	620	ND[7]
(cont)	03/04/99	13.04	27.16	0.00	1,500	19	ND[7]	56	110	310
	09/13/99	17.14	23.06	0.00	5,850[8]	32.7	ND[7]	520	925	ND[7]
	03/21/00	14.36	25.84	0.00	4,820[8]	17.4	7.74	297	1,370	ND[7]
	09/18/00	16.72	23.48	0.00	647[9]	6.44	ND[7]	22.3	6.86	22.2
	10/13/00	16.85	23.35	0.00	--	--	--	--	--	--/29[10]
	03/16/01	**15.84**	**24.36**	**0.00**	**4,950[11]**	**1.73**	**1.77**	**429**	**536**	**613**
U-2	08/23/90	--	--	--	ND	ND	ND	ND	ND	--
	12/05/90	--	--	--	ND	ND	ND	ND	ND	--
	03/04/91	--	--	--	ND	ND	0.9	ND	2.6	--
	06/03/91	--	--	--	ND	ND	ND	ND	ND	--
	09/19/91	--	--	--	ND	ND	ND	ND	ND	--
	12/04/91	--	--	--	ND	ND	ND	ND	ND	--
	03/05/92	--	--	--	ND	ND	0.36	ND	ND	--
	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--
	11/20/92	--	--	--	ND	ND	ND	ND	ND	--
	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
41.62	06/04/93	17.59	24.03	0.00	ND	ND	ND	ND	ND	--
	09/09/93	18.68	22.94	0.00	ND	ND	ND	ND	ND	--
41.26	12/02/93	19.23	22.03	0.00	ND	ND	ND	ND	ND	--
	03/09/94	18.05	23.21	0.00	62	1.1	5.4	1.1	9.7	--
	04/13/94	18.18	23.08	0.00	ND	ND	ND	ND	ND	--
	06/09/94	18.26	23.00	0.00	ND	ND	ND	ND	ND	--
	09/07/94	19.28	21.98	0.00	ND	ND	0.63	ND	0.61	--
	12/05/94	18.82	22.44	0.00	ND	ND	ND	ND	ND	--
	03/09/95	16.96	24.30	0.00	ND	ND	ND	ND	ND	ND
	06/13/95	16.71	24.55	0.00	ND	ND	ND	ND	ND	ND
	09/12/95	17.80	23.46	0.00	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-2	12/14/95	18.18	23.08	0.00	ND	ND	ND	ND	ND	ND
(cont)	03/20/96	15.02	26.24	0.00	--	--	--	--	--	--
	09/24/96	17.90	23.36	0.00	--	--	--	--	--	--
	03/27/97	16.45	24.81	0.00	ND	ND	ND	ND	ND	ND
	09/23/97	18.40	22.86	0.00	--	--	--	--	--	--
	03/10/98	13.79	27.47	0.00	ND	ND	ND	ND	ND	ND
	09/04/98	17.98	23.28	0.00	--	--	--	--	--	--
	03/04/99	14.96	26.30	0.00	ND	ND	ND	ND	ND	ND
	09/13/99	18.25	23.01	0.00	--	--	--	--	--	--
	03/21/00	15.54	25.72	0.00	ND	ND	ND	ND	ND	ND
	09/18/00	17.55	23.71	0.00	--	--	--	--	--	--
	03/16/01	**17.06**	**24.20**	**0.00**	**--**	**--**	**--**	**--**	**--**	**--**
U-3	08/23/90	--	--	--	110,000	4,400	13,000	2,800	17,000	--
	12/05/90	--	--	--	69,000	1,900	3,500	1,600	9,800	--
	01/18/91	--	--	--	51,000	1,700	3,100	1,500	7,500	--
	03/04/91	--	--	--	84,000	1,400	10,000	2,900	17,000	--
	06/03/91	--	--	--	130,000	5,800	19,000	4,600	24,000	--
	09/19/91	--	--	--	61,000	3,300	9,700	2,800	15,000	--
	12/04/91	--	--	--	75,000	2,500	6,100	1,900	11,000	--
	03/05/92	--	--	--	160,000	5,300	15,000	5,400	26,000	--
	04/07/92	--	--	--	97,000	6,100	16,000	5,400	28,000	--
	08/06/92	--	--	--	140,000	5,100	13,000	5,000	23,000	--
	11/20/92	--	--	--	50,000	3,200	4,700	1,900	10,000	--
	02/12/93	--	--	--	80,000	3,700	9,400	3,700	18,000	--
39.64	06/04/93	15.48	24.16	0.00	92,000	2,900	8,700	4,300	20,000	--
	09/09/93	17.04	22.60	0.00	110,000	2,800	10,000	6,500	31,000	--
39.26	12/02/93	17.55	21.71	0.00	110,000	3,200	7,700	5,600	26,000	--
	03/09/94	16.35	22.91	0.00	120,000	4,500	8,300	5,600	28,000	--
	06/09/94	16.60	22.66	0.00	120,000[4]	3,300	6,100	5,200	26,000	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-3	09/07/94	17.61	21.65	0.00	100,000	2,400	4,900	4,200	21,000	--
(cont)	12/05/94	17.08	22.18	0.00	140,000	3,100	5,100	4,900	21,000	--
	03/09/95	15.20	24.06	0.00	100,000	2,300	3,300	4,800	21,000	54,000
	06/13/95	15.11	24.15	0.00	64,000	1,700	1,500	3,800	18,000	900
39.26**	09/12/95	16.11	23.15	0.00	69,000	1,700	820	4,000	19,000	29,000
	12/14/95	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/20/96	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/22/96	--	--	--	15,000	150	490	480	3,100	400
	09/24/96	INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING								--
	03/27/97	14.77	24.49	0.00	110	ND	ND	ND	0.62	9.6
	09/23/97	16.74	22.52	0.00	ND	ND	ND	ND	ND	ND
	03/10/98	12.18	27.08	0.00	ND	ND	ND	ND	3.1	ND
	09/04/98	16.46	22.80	0.00	ND	ND	ND	1.2	2.3	ND
	03/04/99	13.48	25.78	0.00	ND	ND	ND	ND	ND	ND
	09/13/99	16.71	22.55	0.00	ND	ND	1.77	ND	1.06	9.08
	03/21/00	13.87	25.39	0.00	18,700[8]	ND[7]	ND[7]	1,290	4,770	ND[7]
	09/18/00	16.12	23.14	0.00	ND	ND	ND	ND	ND	ND
	03/16/01	**15.35**	**23.91**	**0.00**	**2,310[12]**	**ND**	**ND**	**184**	**618**	**ND**
U-4	08/23/90	--	--	--	ND	ND	1.0	ND	1.8	--
	12/05/90	--	--	--	ND	ND	ND	ND	ND	--
	01/18/91	--	--	--	ND	ND	ND	ND	ND	--
	03/04/91	--	--	--	ND	ND	ND	ND	ND	--
	06/03/91	--	--	--	ND	ND	ND	ND	ND	--
	09/19/91	--	--	--	ND	ND	ND	ND	ND	--
	12/04/91	--	--	--	ND	ND	ND	ND	ND	--
	03/05/92	--	--	--	ND	ND	ND	ND	ND	--
	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-4	11/20/92	--	--	--	ND	ND	2.5	ND	ND	--
(cont)	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
40.53	06/04/93	16.73	23.80	0.00	ND	ND	ND	ND	ND	--
	09/09/93	16.89	23.64	0.00	ND	ND	ND	ND	ND	--
40.25	12/02/93	18.46	21.79	0.00	ND	ND	ND	ND	2.6	--
	03/09/94	17.30	22.95	0.00	ND	1.4	4.7	1.1	8.1	--
	04/13/94	17.44	22.81	0.00	ND	ND	ND	ND	ND	--
	06/09/94	17.53	22.72	0.00	ND	ND	ND	ND	ND	--
40.28	09/07/94	18.52	21.76	0.00	ND	ND	1.1	ND	1.0	--
	12/05/94	18.08	22.20	0.00	ND	ND	ND	ND	ND	--
	03/09/95	16.16	24.12	0.00	ND	ND	ND	ND	ND	ND
40.25	06/13/95	15.95	24.30	0.00	ND	ND	ND	ND	ND	2.7
	09/12/95	17.10	23.15	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	17.43	22.82	0.00	ND	ND	ND	ND	ND	1.3
	03/20/96	14.93	25.32	0.00	--	--	--	--	--	--
	09/24/96	17.19	23.06	0.00	--	--	--	--	--	--
	03/27/97	15.66	24.59	0.00	ND	ND	ND	ND	ND	ND
	09/23/97	17.69	22.56	0.00	--	--	--	--	--	--
	03/10/98	12.99	27.26	0.00	ND	ND	ND	ND	ND	ND
	09/04/98	17.28	22.97	0.00	--	--	--	--	--	--
	03/04/99	14.17	26.08	0.00	ND	ND	ND	ND	ND	ND
	09/13/99	17.55	22.70	0.00	--	--	--	--	--	--
	03/21/00	14.74	25.51	0.00	ND	ND	ND	ND	ND	ND
	09/18/00	16.88	23.37	0.00	--	--	--	--	--	--
	03/16/01	**16.32**	**23.93**	**0.00**	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-5	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--
	11/20/92	--	--	--	ND	ND	ND	ND	ND	--
	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
39.61	06/04/93	16.05	23.56	0.00	ND	ND	ND	ND	ND	--
	09/09/93	16.90	22.71	0.00	ND	ND	ND	ND	ND	--
39.31	12/02/93	17.66	21.65	0.00	ND	ND	ND	ND	ND	--
	03/09/94	16.45	22.86	0.00	71	1.7	6.3	1.5	10	--
	04/13/94	16.64	22.67	0.00	ND	ND	ND	ND	ND	--
	06/09/94	16.70	22.61	0.00	ND	ND	ND	ND	ND	--
	09/07/94	17.73	21.58	0.00	ND	ND	0.73	ND	0.84	--
	12/05/94	17.23	22.08	0.00	ND	ND	ND	ND	ND	--
	03/09/95	15.35	23.96	0.00	ND	ND	ND	ND	ND	ND
	06/13/95	15.16	24.15	0.00	ND	ND	ND	ND	ND	0.87
	09/12/95	16.30	23.01	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	16.56	22.75	0.00	ND	ND	ND	ND	ND	ND
	03/20/96	14.07	25.24	0.00	--	--	--	--	--	--
	09/24/96	16.55	22.76	0.00	--	--	--	--	--	--
	03/27/97	14.85	24.46	0.00	ND	ND	ND	ND	ND	ND
	09/23/97	16.90	22.41	0.00	--	--	--	--	--	--
	03/10/98	12.21	27.10	0.00	ND	ND	ND	ND	ND	ND
	09/04/98	16.57	22.74	0.00	--	--	--	--	--	--
	03/04/99	13.42	25.89	0.00	ND	ND	0.67	ND	ND	ND
	09/13/99	17.02	22.29	0.00	--	--	--	--	--	--
	03/21/00	13.93	25.38	0.00	ND	ND	ND	ND	ND	ND
	09/18/00	16.17	23.14	0.00	--	--	--	--	--	--
	03/16/01	**15.51**	**23.80**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-6	04/07/92	--	--	--	6,600	90	ND	820	1,200	--
	08/06/92	--	--	--	9,200	160	ND	360	150	--
	11/20/92	INACCESSIBLE		--	--	--	--	--	--	--
	02/12/93	--	--	--	2,600	27	ND	120	51	--
37.94	06/04/93	14.45	23.49	0.00	13,000	100	38	450	320	--
	09/09/93	15.56	22.38	0.00	6,300[3]	29	ND	120	34	--
37.68	12/02/93	16.08	21.60	0.00	2,100	12	1.6	21	1.1	--
	03/09/94	14.90	22.78	0.00	2,200	11	8.2	24	16	--
	06/09/94	15.18	22.50	0.00	2,600[4]	16	ND	29	ND	--
	09/07/94	16.20	21.48	0.00	16,004	ND	ND	ND	ND	--
	12/05/94	15.60	22.08	0.00	450[5]	ND	ND	ND	ND	--
	03/09/95	13.74	23.94	0.00	2,500	29	ND	70	120	320
	06/13/95	13.73	23.95	0.00	1,300	ND	ND	20	46	5,400
	09/12/95	14.85	22.83	0.00	ND	ND	ND	ND	ND	6,600
	12/14/95	14.89	22.79	0.00	760	ND	ND	7.0	8.4	1,100
	03/20/96	12.41	25.27	0.00	52	1.1	0.98	ND	0.75	1,200
	09/24/96	15.06	22.62	0.00	ND	ND	ND	ND	ND	750
	03/27/97	13.48	24.20	0.00	ND	ND	ND	ND	ND	150
	09/23/97	15.36	22.32	0.00	66	0.81	ND	ND	ND	150
	03/10/98	10.90	26.78	0.00	ND	ND	ND	ND	ND	18
	09/04/98	14.85	22.83	0.00	ND	ND	ND	ND	ND	ND
	03/04/99	12.10	25.58	0.00	ND	ND	ND	ND	ND	6.5
	09/13/99	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	03/21/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	09/18/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	03/16/01	**INACCESSIBLE - PAVED OVER**			--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-7	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--
	11/20/92	--	--	--	ND	ND	ND	ND	ND	--
	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
37.49	06/04/93	14.17	23.32	0.00	ND	ND	ND	ND	ND	--
	09/09/93	15.23	22.26	0.00	ND	ND	ND	ND	ND	--
37.11	12/02/93	15.61	21.50	0.00	ND	ND	ND	ND	ND	--
	03/09/94	14.45	22.66	0.00	ND	1.4	4.4	0.96	7.5	--
	04/13/94	14.63	22.48	0.00	ND	ND	ND	ND	ND	--
	06/09/94	14.70	22.41	0.00	ND	ND	ND	ND	ND	--
	09/07/94	15.72	21.39	0.00	ND	ND	ND	ND	ND	--
	12/05/94	15.10	22.01	0.00	ND	ND	ND	ND	ND	--
	03/09/95	13.36	23.75	0.00	ND	ND	ND	ND	ND	ND
	06/13/95	13.33	23.78	0.00	ND	ND	ND	ND	ND	3.5
	09/12/95	14.40	22.71	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	14.39	22.72	0.00	ND	ND	ND	ND	ND	1.4
	03/20/96	11.96	25.15	0.00	--	--	--	--	--	--
	09/24/96	14.59	22.52	0.00	--	--	--	--	--	--
	03/27/97	13.08	24.03	0.00	ND	ND	ND	ND	ND	ND
	09/23/97	14.90	22.21	0.00	--	--	--	--	--	--
	03/10/98	10.46	26.65	0.00	ND	ND	ND	ND	ND	ND
	09/04/98	14.42	22.69	0.00	--	--	--	--	--	--
	03/04/99	11.64	25.47	0.00	ND	ND	ND	ND	ND	6.6
	09/13/99	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	03/21/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	09/18/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
	03/16/01	**INACCESSIBLE - PAVED OVER**			**--**	**--**	**--**	**--**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-8	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--
	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
38.94	06/04/93	15.26	23.68	0.00	ND	ND	ND	ND	ND	--
	09/09/93	16.38	22.56	0.00	ND	ND	ND	ND	ND	--
38.57	12/02/93	16.80	21.77	0.00	ND	ND	ND	ND	ND	--
	03/09/94	15.62	22.95	0.00	ND	1.2	3.7	0.79	6.1	--
	04/13/94	15.80	22.77	0.00	ND	ND	0.78	ND	0.98	--
	06/09/94	15.86	22.71	0.00	ND	ND	ND	ND	ND	--
	09/07/94	16.87	21.70	0.00	ND	ND	ND	ND	ND	--
	12/05/94	16.32	22.25	0.00	ND	ND	ND	ND	ND	--
	03/09/95	14.56	24.01	0.00	ND	ND	ND	ND	ND	ND
	06/13/95	14.40	24.17	0.00	ND	ND	ND	ND	ND	ND
	09/12/95	15.50	23.07	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	15.67	22.90	0.00	ND	ND	ND	ND	ND	ND
	03/20/96	13.25	25.32	0.00	--	--	--	--	--	--
	09/24/96	15.75	22.82	0.00	--	--	--	--	--	--
	03/27/97	14.18	24.39	0.00	ND	ND	ND	ND	ND	ND
	09/23/97	16.05	22.52	0.00	--	--	--	--	--	--
	03/10/98	11.63	26.94	0.00	ND	ND	ND	ND	ND	ND
	09/04/98	15.81	22.76	0.00	--	--	--	--	--	--
	03/04/99	12.81	25.76	0.00	ND	ND	ND	ND	ND	ND
	09/13/99	16.37	22.20	0.00	--	--	--	--	--	--
	03/21/00	13.25	25.32	0.00	ND	ND	ND	ND	ND	ND
	09/18/00	15.31	23.26	0.00	--	--	--	--	--	--
	03/16/01	**14.71**	**23.86**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-9										
37.88	06/04/93	14.67	23.21	0.00	2,100[2]	ND	ND	ND	ND	--
	09/09/93	15.79	22.09	0.00	1,200[2]	ND	ND	ND	ND	--
37.31	12/02/93	15.93	21.38	0.00	ND	ND	ND	ND	ND	--
	03/09/94	14.74	22.57	0.00	5,700[4]	ND	ND	ND	ND	--
	04/13/94	14.96	22.35	0.00	ND	ND	ND	ND	ND	--
	06/09/94	15.05	22.26	0.00	2,900[5]	ND	ND	ND	ND	--
	09/07/94	16.06	21.25	0.00	2,700[5]	ND	ND	ND	ND	--
	12/05/94	15.43	21.88	0.00	3,700[5]	ND	ND	ND	ND	--
	03/09/95	13.50	23.81	0.00	2,500[5]	ND	ND	ND	ND	5,800
	06/13/95	13.63	23.68	0.00	ND	ND	ND	ND	ND	1,200
	09/12/95	14.73	22.58	0.00	ND	ND	ND	ND	ND	1,600
	12/14/95	14.67	22.64	0.00	ND	ND	ND	ND	ND	4,400
	03/20/96	12.27	25.04	0.00	ND	ND	ND	ND	ND	480
	09/24/96	14.92	22.39	0.00	ND	ND	ND	ND	ND	ND
	03/27/97	13.36	23.95	0.00	ND	ND	ND	ND	ND	42
	09/23/97	15.28	22.03	0.00	ND	ND	ND	ND	ND	ND
	03/10/98	10.86	26.45	0.00	ND	ND	ND	ND	3.1	ND
	09/04/98	15.03	22.28	0.00	ND	ND	ND	ND	ND	ND
	03/04/99	11.95	25.36	0.00	ND	ND	ND	ND	ND	ND
	09/13/99	15.61	21.70	0.00	ND	ND	1.67	ND	1.01	7.85
	03/21/00	12.38	24.93	0.00	ND	ND	ND	ND	ND	ND
	09/18/00	14.87	22.44	0.00	ND	ND	1.42	ND	1.06	ND
	03/16/01	**13.85**	**23.46**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
Trip Blank										
TB-LB	03/10/98	--	--	--	ND	ND	ND	ND	ND	ND
	09/04/98	--	--	--	ND	ND	ND	ND	ND	ND
	03/04/99	--	--	--	ND	ND	ND	ND	ND	ND
	09/13/99	--	--	--	ND	ND	ND	ND	ND	ND
	03/21/00	--	--	--	ND	ND	ND	ND	ND	ND
	09/18/00	--	--	--	ND	ND	ND	ND	ND	ND
	10/13/00	--	--	--	ND	ND	ND	ND	ND	ND
	03/16/01	**--**	**--**	**--**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 10, 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 msl. Prior to December 2, 1993, the DTW measurements were taken from the top of well covers.

** The PVC well casing was shortened in September 1995.

1 Ethylbenzene and Xylenes were combined prior to March 1990.

2 The concentration reported as gasoline is primarily due to the presence of a discrete hydrocarbon peak not indicative of standard gasoline.

3 The concentration reported as gasoline is primarily due to the presence of a combination of gasoline and a discrete peak not indicative of gasoline.

4 Laboratory report indicates the hydrocarbons detected appeared to be gasoline and non-gasoline mixture.

5 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.

6 Laboratory report indicates gasoline and unidentified hydrocarbons >C8.

7 Detection limit raised. Refer to analytical reports.

8 Laboratory report indicates gasoline C6-C12.

9 Laboratory report indicates weathered gasoline C6-C12.

10 MTBE by EPA Method 8260.

11 Laboratory report indicates gas range and late peaks.

12 Laboratory report indicates gas pattern.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
U-1	10/13/00	ND	ND	29	ND	ND	ND	ND	ND

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
(ppb) = Parts per billion
ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

WELL ID	DATE	Before Purging *(mg/L)*	After Purging *(mg/L)*
U-1	03/27/97	2.41	2.35
U-2	03/27/97	4.36	4.49
U-3	03/27/97	3.18	3.32
U-4	03/27/97	3.32	3.26
U-5	03/27/97	3.74	3.77
U-6	03/20/96	3.85	3.89
	09/20/96	3.73	3.81
	03/27/97	4.43	4.36
	09/23/97	--	4.14
	03/10/98	--	3.95
U-7	03/27/97	3.29	3.38
U-8	03/27/97	3.04	3.11
U-9	03/20/96	4.02	4.00
	09/20/96	3.85	3.98
	03/27/97	3.65	3.57
	09/23/97	--	3.80
	03/10/98	--	3.62

EXPLANATIONS:

Dissolved oxygen concentrations prior to March 10, 1998, were compiled from reports prepared by MPDS Services, Inc.

(mg/L) = Milligrams per liter

-- = Not Measured

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 # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-1 Well Condition: OK

Well Diameter 3 in. Hydrocarbon Thickness: 0.02 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 23.17 ft.

Depth to Water 15.84 ft.

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

7.33 x VF 0.38 = 2.78 x 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

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

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

Starting Time: 6:30 Weather Conditions: clear

Sampling Time: 6:50 Water Color: clear Odor: mild

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)
6:33	3	7.40	772	70.0			
6:36	6	7.29	789	69.7			
6:39	8.5	7.24	786	69.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-1	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-2 Well Condition: OK

Well Diameter 3 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 29.89 ft.

Depth to Water 17.06 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
U-	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS: Monitor only

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-3 Well Condition: OK

Well Diameter 3 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 24.81 ft.

Depth to Water 15.35 ft.

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

9.46 x VF 0.38 = 3.59 x 3 (case volume) = Estimated Purge Volume: 11.0 (gal.)

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

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

Starting Time: 5:55 Weather Conditions: clear

Sampling Time: 6:15 Water Color: grey 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)
5:58	3.5	7.45	823	70.2			
6:02	7	7.34	841	69.9			
6:06	11	7.32	852	69.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-3	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-4 Well Condition: OK

Well Diameter 3 in. Hydrocarbon Thickness: 0.00 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 27.86 ft.

Depth to Water 16.32 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
U	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS: Monitor only

3/97-fieldat.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-5 Well Condition: OK

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

Total Depth 28.47 ft.

Depth to Water 15.51 ft.

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

12.96 x VF 0.17 = 2.20 X 3 (case volume) = Estimated Purge Volume: 7.0 (gal.)

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

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

Starting Time: 4:45

Sampling Time: 5:05

Purging Flow Rate: 1 gpm.

Did well de-water? NO

Weather Conditions: Clear

Water Color: Clear Odor: No

Sediment Description:

If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
4:47	2.5	7.50	916	70.3			
4:50	4.5	7.38	923	69.8			
4:52	7	7.36	930	69.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-5	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #: Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID: U-6 Well Condition: OK Paved over.

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

Total Depth: ____ ft.

Depth to Water: ____ 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
U	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS: ____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-7 Well Condition: Paved over

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

Total Depth ____ ft.

Depth to Water ____ 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
U-	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS: ____

3/97-fieldsh.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-8 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.02 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 29.83 ft.

Depth to Water 14.71 ft.

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

15.12 x VF 0.17 = 2.57 x 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

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

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

Starting Time: 5:20 Weather Conditions: Clear

Sampling Time: 5:40 Water Color: Gray 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)
5:23	2.5	7.54	687	69.6			
5:25	5	7.40	680	69.3			
5:28	8	7.39	676	69.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-8	3 x VOA VIAL	Y	HCl	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # Tosco # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 3/16/01

City: San Lorenzo, Ca. Sampler: Vartkes

Well ID U-9 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.02 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 28.20 ft.

Depth to Water 13.85 ft.

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

14.35 X VF 0.17 = 2.43 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: 4:15 Weather Conditions: clear

Sampling Time: 4:30 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)
4:17	2.5	7.79	568	69.3			
4:20	5	7.60	579	69.7			
4:22	7.5	7.56	588	69.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-9	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

TOSCO

Facility Number: UNOCAL SS#5760
Facility Address: 376 Lewelling Blvd. San Lorenzo CA
Consultant Project Number: 180109.85
Consultant Name: Gettler-Ryan Inc. (G-R Inc.)
Address: 6747 Sierra Court, Suite J, Dublin, CA 94568
Project Contact (Name): Deanna L. Harding
(Phone) 510-551-7555 (Fax Number) 510-551-7888

Contact (Name): MR. DAVID DEWITT
(Phone): (925) 277-230
Laboratory Name: Sequoia Analytical
Laboratory Release Number:
Samples Collected by (Name): Vaszka Tasljan
Collection Date: 3/16/01
Signature:

DO NOT BILL TB-LB ANALYSIS

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	TPH Gas + BTEX w/MTBE (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)					Remarks
103110																				
TB-LB	01	1	W	G		HCl	Y	X												Amend COC to show all wells as U-1, U-3, U-5, U-9 Ben 3/19/01
MW-1	02	3	"	"	650 PM	"	"	X												
MW-3	03	3	"	"	615 PM	"	"	X												
MW-5	04	3	"	"	505 PM	"	"	X												
MW-8	05	3	"	"	540 PM	"	"	X												
MW-9	06	3	"	"	430 PM	"	"	X												

Analyses To Be Performed

SUB to Get Lakes

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	G-R Inc.	3/16/01 7:00 PM		SAL	3/16/01 7:42 pm.
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received for Laboratory By (Signature)		Date/Time

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

Sequoia Analytical

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

April 02 , 2001

Deanna Harding
Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin, CA 94568
RE: Tosco(1) / L103110

Enclosed are the results of analyses for samples received by the laboratory on 03/16/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate Number 2360

Gettler-Ryan/Geostrategies(1) 6747 Sierra Court, Suite J Dublin CA, 94568	Project: Tosco(1) Project Number: Unocal SS#5760 Project Manager: Deanna Harding	**Reported:** 04/02/01 06:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	L103110-01	Water	03/16/01 00:00	03/16/01 19:42
U-1	L103110-02	Water	03/16/01 18:50	03/16/01 19:42
U-3	L103110-03	Water	03/16/01 18:15	03/16/01 19:42
U-5	L103110-04	Water	03/16/01 17:05	03/16/01 19:42
U-8	L103110-05	Water	03/16/01 17:40	03/16/01 19:42
U-9	L103110-06	Water	03/16/01 16:30	03/16/01 19:42

Gettler-Ryan/Geostrategies(1) 6747 Sierra Court, Suite J Dublin CA, 94568	Project: Tosco(1) Project Number: Unocal SS#5760 Project Manager: Deanna Harding	**Reported:** 04/02/01 06:32

Total Petroleum Hydrocarbons as Gasoline by EPA 8015M

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (L103110-01) Water Sampled: 03/16/01 00:00 Received: 03/16/01 19:42									
Gasoline	ND	50.0	ug/l	1	1030469	03/28/01	03/29/01	EPA 8015M-VOA	
U-1 (L103110-02) Water Sampled: 03/16/01 18:50 Received: 03/16/01 19:42									
Gasoline	**4950**	50.0	ug/l	1	1030469	03/28/01	03/28/01	EPA 8015M-VOA	T2,T4
U-3 (L103110-03) Water Sampled: 03/16/01 18:15 Received: 03/16/01 19:42									
Gasoline	**2310**	50.0	ug/l	1	1030469	03/28/01	03/28/01	EPA 8015M-VOA	T1
U-5 (L103110-04) Water Sampled: 03/16/01 17:05 Received: 03/16/01 19:42									
Gasoline	ND	50.0	ug/l	1	1030469	03/28/01	03/29/01	EPA 8015M-VOA	
U-8 (L103110-05) Water Sampled: 03/16/01 17:40 Received: 03/16/01 19:42									
Gasoline	ND	50.0	ug/l	1	1030469	03/28/01	03/28/01	EPA 8015M-VOA	
U-9 (L103110-06) Water Sampled: 03/16/01 16:30 Received: 03/16/01 19:42									
Gasoline	ND	50.0	ug/l	1	1030469	03/28/01	03/29/01	EPA 8015M-VOA	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Unocal SS#5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	04/02/01 06:32

BTEX+MTBE by EPA Method 8021B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (L103110-01) Water Sampled: 03/16/01 00:00 Received: 03/16/01 19:42									
Benzene	ND	0.500	ug/l	1	1030469	03/28/01	03/29/01	EPA 8021B	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Total Xylenes	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-BFB		*98.0 %*	*86.0-142*		"	"	"	"	
U-1 (L103110-02) Water Sampled: 03/16/01 18:50 Received: 03/16/01 19:42									
Benzene	**1.73**	0.500	ug/l	1	1030469	03/28/01	03/28/01	EPA 8021B	
Toluene	**1.77**	0.500	"	"	"	"	"	"	
Ethylbenzene	**429**	5.00	"	10	"	"	03/29/01	"	G12
Total Xylenes	**536**	0.500	"	1	"	"	03/28/01	"	
Methyl tert-butyl ether	**613**	5.00	"	10	"	"	03/29/01	"	G12
Surrogate: 4-BFB		*80.0 %*	*86.0-142*		"	"	*03/28/01*	"	*O4*
U-3 (L103110-03) Water Sampled: 03/16/01 18:15 Received: 03/16/01 19:42									
Benzene	ND	0.500	ug/l	1	1030469	03/28/01	03/28/01	EPA 8021B	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	**184**	0.500	"	"	"	"	"	"	
Total Xylenes	**618**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-BFB		*103 %*	*86.0-142*		"	"	"	"	
U-5 (L103110-04) Water Sampled: 03/16/01 17:05 Received: 03/16/01 19:42									
Benzene	ND	0.500	ug/l	1	1030469	03/28/01	03/29/01	EPA 8021B	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Total Xylenes	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-BFB		*98.0 %*	*86.0-142*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Unocal SS#5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	04/02/01 06:32

BTEX+MTBE by EPA Method 8021B

Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-8 (L103110-05) Water Sampled: 03/16/01 17:40 Received: 03/16/01 19:42									
Benzene	ND	0.500	ug/l	1	1030469	03/28/01	03/28/01	EPA 8021B	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Total Xylenes	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-BFB		*100 %*	*86.0-142*		"	"	"	"	
U-9 (L103110-06) Water Sampled: 03/16/01 16:30 Received: 03/16/01 19:42									
Benzene	ND	0.500	ug/l	1	1030469	03/28/01	03/29/01	EPA 8021B	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Total Xylenes	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.500	"	"	"	"	"	"	
Surrogate: 4-BFB		*104 %*	*86.0-142*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Unocal SS#5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	04/02/01 06:32

Total Petroleum Hydrocarbons as Gasoline by EPA 8015M - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030469 - EPA 5030B (P/T)										
Blank (1030469-BLK1)				Prepared: 03/28/01 Analyzed: 03/29/01						
Gasoline	ND	50.0	ug/l							
LCS (1030469-BS2)				Prepared & Analyzed: 03/28/01						
Gasoline	2210	50.0	ug/l	2000		111	80.0-120			
Matrix Spike (1030469-MS2)	Source: L103110-06			Prepared: 03/28/01 Analyzed: 03/29/01						
Gasoline	2230	50.0	ug/l	2000	ND	112	80.0-120			
Matrix Spike Dup (1030469-MSD2)	Source: L103110-06			Prepared: 03/28/01 Analyzed: 03/29/01						
Gasoline	1910	50.0	ug/l	2000	ND	95.5	80.0-120	15.9	20.0	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Unocal SS#5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	04/02/01 06:32

BTEX+MTBE by EPA Method 8021B - Quality Control
Great Lakes Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030469 - EPA 5030B (P/T)										
Blank (1030469-BLK1)				Prepared: 03/28/01 Analyzed: 03/29/01						
Benzene	ND	0.500	ug/l							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Total Xylenes	ND	0.500	"							
Methyl tert-butyl ether	ND	0.500	"							
Surrogate: 4-BFB	*19.9*		"	*20.0*		*99.5*	*86.0-142*			
LCS (1030469-BS1)				Prepared & Analyzed: 03/28/01						
Benzene	22.9	0.500	ug/l	25.0		91.6	85.0-115			
Toluene	23.7	0.500	"	25.0		94.8	85.0-115			
Ethylbenzene	24.7	0.500	"	25.0		98.8	85.0-115			
Total Xylenes	74.0	0.500	"	75.0		98.7	85.0-115			
Methyl tert-butyl ether	23.7	0.500	"	25.0		94.8	85.0-115			
Surrogate: 4-BFB	*20.8*		"	*20.0*		*104*	*86.0-142*			
Matrix Spike (1030469-MS1)	**Source: L103110-06**			Prepared: 03/28/01 Analyzed: 03/29/01						
Benzene	21.4	0.500	ug/l	25.0	ND	85.6	74.3-134			
Toluene	22.2	0.500	"	25.0	ND	88.8	63.8-141			
Ethylbenzene	23.2	0.500	"	25.0	ND	92.8	64.3-140			
Total Xylenes	69.0	0.500	"	75.0	ND	92.0	67.6-143			
Methyl tert-butyl ether	21.6	0.500	"	25.0	ND	86.4	67.2-157			
Surrogate: 4-BFB	*20.1*		"	*20.0*		*101*	*86.0-142*			
Matrix Spike Dup (1030469-MSD1)	**Source: L103110-06**			Prepared: 03/28/01 Analyzed: 03/29/01						
Benzene	22.0	0.500	ug/l	25.0	ND	88.0	74.3-134	2.76	21.1	
Toluene	23.2	0.500	"	25.0	ND	92.8	63.8-141	4.41	17.5	
Ethylbenzene	24.3	0.500	"	25.0	ND	97.2	64.3-140	4.63	17.5	
Total Xylenes	72.4	0.500	"	75.0	ND	96.5	67.6-143	4.77	17.6	
Methyl tert-butyl ether	22.1	0.500	"	25.0	ND	88.4	67.2-157	2.29	27.9	
Surrogate: 4-BFB	*20.5*		"	*20.0*		*103*	*86.0-142*			

Gettler-Ryan/Geostrategies(1) 6747 Sierra Court, Suite J Dublin CA, 94568	Project: Tosco(1) Project Number: Unocal SS#5760 Project Manager: Deanna Harding	**Reported:** 04/02/01 06:32

Notes and Definitions

G12	The reporting limit of this sample/analyte is elevated due to sample matrix and/or other effects.
O4	The recovery for this analyte is below the laboratory's established acceptance criteria.
T1	Gas Pattern
T2	Late Peaks
T4	Gas Range
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