



GETTLER-RYAN INC.

TRANSMITTAL

MAY 16 2002

April 29, 2002
G-R #180109

20344

TO: Mr. David B. De Witt
Phillips 66 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

[Handwritten scribble] 1746

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 26, 2002	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 18, 2002

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 13, 2002**, this report will be distributed to the following:

cc: Mr. Amir K. Gholami, Alameda County Health Care Services, 1131 Harbor Bay Parkway, Alameda, CA 94501

Enclosure

trans/5760-dbd



GETTLER-RYAN INC.

April 26, 2002
G-R Job #180109

Mr. David B. De Witt
Phillips 66 Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

RE: First Semi-Annual Event of March 18, 2002
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

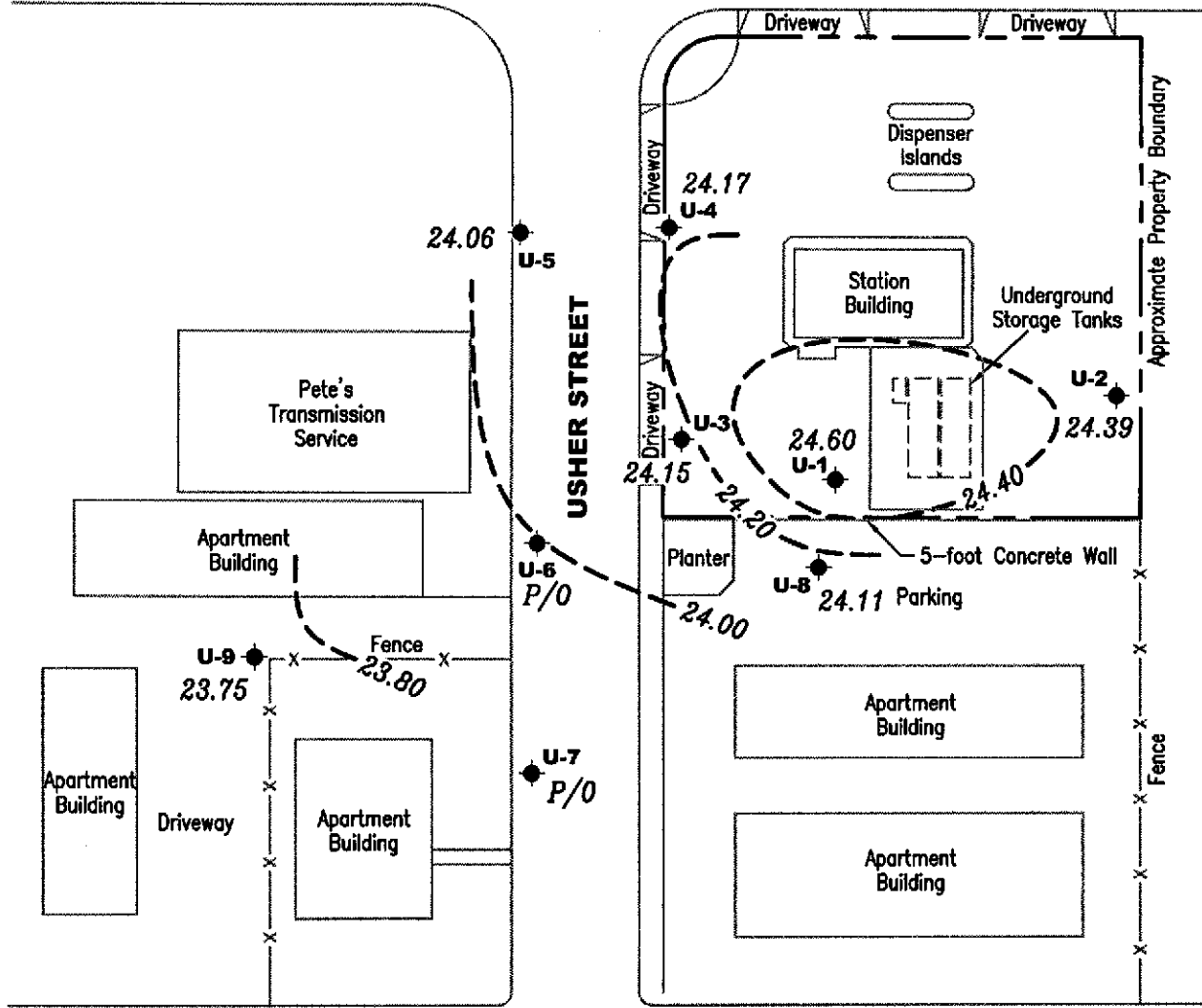
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Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

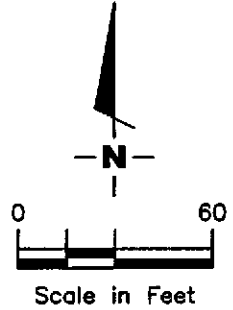
5760.qml

LEWELLING BOULEVARD



EXPLANATION

- ◆ Groundwater monitoring well
 - 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
 - - - 99.99 - - - Groundwater elevation contour, dashed where inferred.
 - P/O Paved Over
- Groundwater flow direction varies at a gradient of 0.003 to 0.02 Ft./Ft.



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

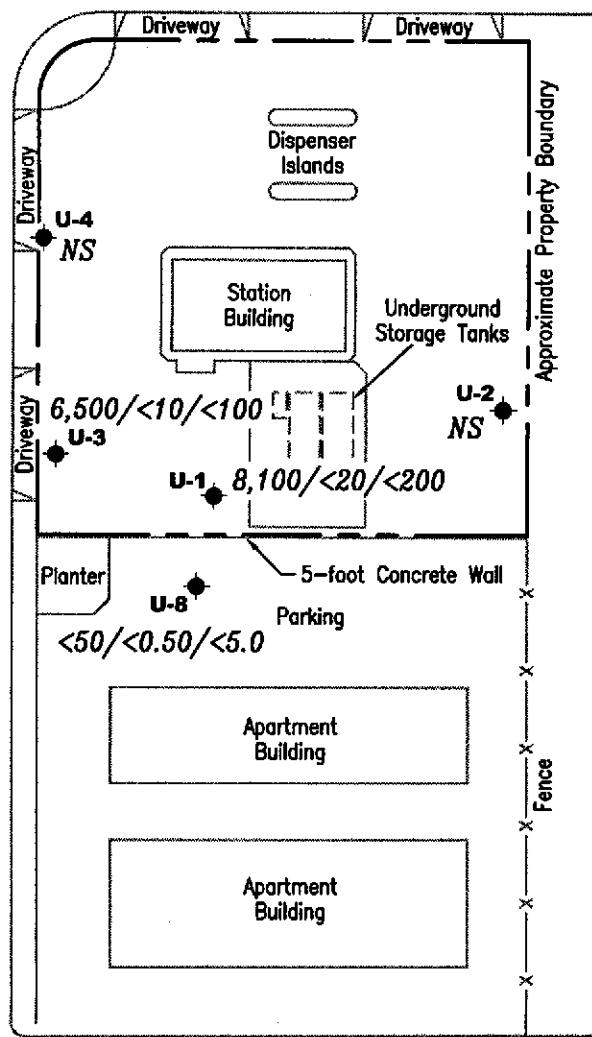
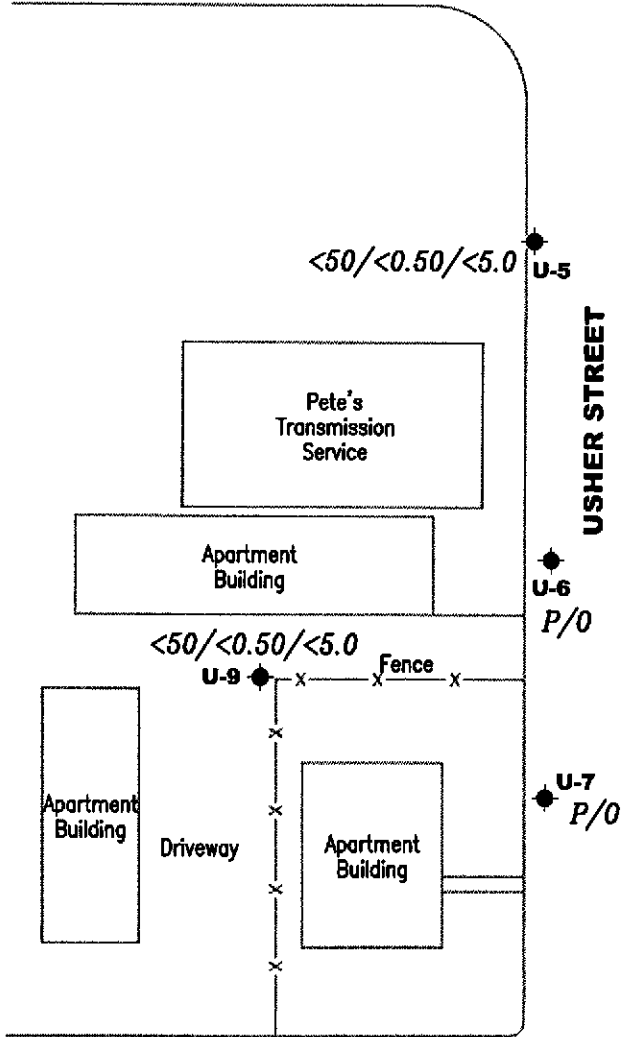
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 Dublin, CA 94568 (925) 551-7555

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

FIGURE
1

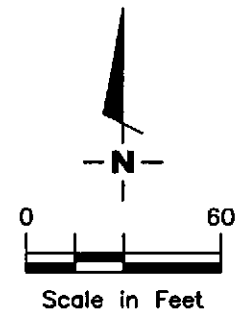
PROJECT NUMBER 180109	REVIEWED BY	DATE March 18, 2002	REVISED DATE
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LEWELLING BOULEVARD



EXPLANATION

- ◆ Groundwater monitoring well
- A/B/C Total Petroleum Hydrocarbons (TPH) as Gasoline/Benzene/MTBE concentrations in ppb
- P/O Paved Over
- NS Not Sampled



ALBION AVENUE

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

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

FIGURE
2

PROJECT NUMBER
180109

REVIEWED BY

DATE
March 18, 2002

REVISED DATE

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.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	02/09/88	--	10.5-30.5	--	--	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.)	S.I. (ft.bgs)	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	10.5-30.5	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
	09/04/01	17.16		23.04	0.00	11,000 ⁹	25	<10	1,100	1,800	370
	03/18/02	15.60		24.60	0.00	8,100⁹	<20	<20	740	1,300	<200
U-2	08/23/90	--	15.0-30.0	--	--	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

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
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WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-2	06/13/95	16.71	15.0-30.0	24.55	0.00	ND	ND	ND	ND	ND	ND
(cont)	09/12/95	17.80		23.46	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	18.18		23.08	0.00	ND	ND	ND	ND	ND	ND
	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	--	--	--	--	--	--
	09/04/01	18.39		22.87	0.00	--	--	--	--	--	--
	03/18/02	16.87		24.39	0.00	--	--	--	--	--	--
U-3	08/23/90	--	15.0-25.0	--	--	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	--

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Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-3	11/20/92	--	15.0-25.0	--	--	50,000	3,200	4,700	1,900	10,000	--
(cont)	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	--
	09/07/94	17.61		21.65	0.00	100,000	2,400	4,900	4,200	21,000	--
	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
	09/04/01	16.71		22.55	0.00	340 ⁹	0.95	<0.50	8.1	18	<5.0
	03/18/02	15.11		24.15	0.00	6,500 ⁹	<10	<10	390	1,400	<100

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.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-4	08/23/90	--	15.0-28.0	--	--	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	--
	11/20/92	--		--	--	ND	ND	2.5	ND	ND	--
	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	--
40.28	06/09/94	17.53		22.72	0.00	ND	ND	ND	ND	ND	--
	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	--
40.25	03/09/95	16.16		24.12	0.00	ND	ND	ND	ND	ND	ND
	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	

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.)	S.I. (ft.bgs)	GWE (msl)	Product						
					Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-4 (cont)	09/13/99	17.55	15.0-28.0	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	--	--	--	--	--	--
	09/04/01	17.70		22.55	0.00	--	--	--	--	--	--
	03/18/02	16.08		24.17	0.00	--	--	--	--	--	--
U-5	04/07/92	--	15.0-30.0	--	--	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	SAMPLED ANNUALLY		--	--	--	--
	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	

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.)	S.L. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-5	09/13/99	17.02	15.0-30.0	22.29	0.00	--	--	--	--	--	--
(cont)	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
	09/04/01	16.88		22.43	0.00	--	--	--	--	--	--
	03/18/02	15.25		24.06	0.00	<50	<0.50	<0.50	<0.50	<0.50	<5.0
U-6	04/07/92	--	13.0-28.0	--	--	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			--	--	--	--	--	--	--

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.)	S.I. (ft.bgs)	GWE (msl)	Product							
					Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
U-6	03/21/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
(cont)	09/18/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	03/16/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	09/04/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	03/18/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
U-7	04/07/92	--	15.0-35.0	--	--	ND	ND	ND	ND	ND	ND	--
	08/06/92	--		--	--	ND	ND	ND	ND	ND	ND	--
	11/20/92	--		--	--	ND	ND	ND	ND	ND	ND	--
	02/12/93	--		--	--	ND	ND	ND	ND	ND	ND	--
37.49	06/04/93	14.17		23.32	0.00	ND	ND	ND	ND	ND	ND	--
	09/09/93	15.23		22.26	0.00	ND	ND	ND	ND	ND	ND	--
37.11	12/02/93	15.61		21.50	0.00	ND	ND	ND	ND	ND	ND	--
	03/09/94	14.45		22.66	0.00	ND	1.4	4.4	0.96	7.5	ND	--
	04/13/94	14.63		22.48	0.00	ND	ND	ND	ND	ND	ND	--
	06/09/94	14.70		22.41	0.00	ND	ND	ND	ND	ND	ND	--
	09/07/94	15.72		21.39	0.00	ND	ND	ND	ND	ND	ND	--
	12/05/94	15.10		22.01	0.00	ND	ND	ND	ND	ND	ND	--
	03/09/95	13.36		23.75	0.00	ND	ND	ND	ND	ND	ND	ND
	06/13/95	13.33		23.78	0.00	ND	ND	ND	ND	ND	ND	3.5
	09/12/95	14.40		22.71	0.00	ND	ND	ND	ND	ND	ND	ND
	12/14/95	14.39		22.72	0.00	ND	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	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	ND
	09/04/98	14.42		22.69	0.00	--	--	--	--	--	--	--
	03/04/99	11.64		25.47	0.00	ND	ND	ND	ND	ND	ND	6.6
	09/13/99	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.)	S.I. (ft.bgs)	GWE (msl)	Product							
					Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
U-7	03/21/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
(cont)	09/18/00	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	03/16/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	09/04/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
U-8	04/07/92	--	15.0-30.0	--	--	ND	ND	ND	ND	ND	ND	--
	08/06/92	--		--	--	ND	ND	ND	ND	ND	ND	--
	02/12/93	--		--	--	ND	ND	ND	ND	ND	ND	--
38.94	06/04/93	15.26		23.68	0.00	ND	ND	ND	ND	ND	ND	--
	09/09/93	16.38		22.56	0.00	ND	ND	ND	ND	ND	ND	--
38.57	12/02/93	16.80		21.77	0.00	ND	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	ND	--
	09/07/94	16.87		21.70	0.00	ND	ND	ND	ND	ND	ND	--
	12/05/94	16.32		22.25	0.00	ND	ND	ND	ND	ND	ND	--
	03/09/95	14.56		24.01	0.00	ND	ND	ND	ND	ND	ND	ND
	06/13/95	14.40		24.17	0.00	ND	ND	ND	ND	ND	ND	ND
	09/12/95	15.50		23.07	0.00	ND	ND	ND	ND	ND	ND	ND
	12/14/95	15.67		22.90	0.00	ND	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	ND
	09/23/97	16.05		22.52	0.00	SAMPLED ANNUALLY		--	--	--	--	--
	03/10/98	11.63		26.94	0.00	ND	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	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	ND
	09/18/00	15.31		23.26	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.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-8	03/16/01	14.71	15.0-30.0	23.86	0.00	ND	ND	ND	ND	ND	ND
(cont)	09/04/01	16.01		22.56	0.00	--	--	--	--	--	--
	03/18/02	14.46		24.11	0.00	<50	<0.50	<0.50	<0.50	<0.50	<5.0
U-9											
37.88	06/04/93	14.67	13.0-28.0	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
	09/04/01	15.22		22.09	0.00	SAMPLED ANNUALLY		--	--	--	--
	03/18/02	13.56		23.75	0.00	<50	<0.50	<0.50	<0.50	<0.50	<5.0

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.)	S.I. (ft.bgs)	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
	09/04/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	03/18/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0

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	TPH-G = Total Petroleum Hydrocarbons as Gasoline	ND = Not Detected
DTW = Depth to Water	B = Benzene	-- = Not Measured/Not Analyzed
(ft.) = Feet	T = Toluene	
S.I. = Screen Interval	E = Ethylbenzene	
(ft.bgs) = Feet Below Ground Surface	X = Xylenes	
GWE = Groundwater Elevation	MTBE = Methyl tertiary butyl ether	
(msl) = Mean sea level	(ppb) = Parts per billion	

* 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 Phillips 66 Company, the purge water and decontamination water generated during sampling activities is transported to Phillips 66 - San Francisco Refinery, located in Rodeo, California.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/Facility # Tosco #5760 Job#: 180109.85
 Address: 376 Lewelling Blvd. Date: 3/18/02
 City: San Lorenzo, CA Sampler: Vacuthe

Well ID U-1 Well Condition: OK
 Well Diameter 2 1/3 in. Hydrocarbon Amount Bailed
 Thickness: 0.50 (feet) (product/water): 0 (Gallons)
 Total Depth 29.10 ft.
 Depth to Water 15.60 ft.

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

13.50 x VF 0.38 = 5.13 X 3 (case volume) = Estimated Purge Volume: 15.5 (gal.)

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

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

Starting Time: 1710 Weather Conditions: clear
 Sampling Time: 1730 Water Color: clear Odor: 0
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1713</u>	<u>5</u>	<u>7.36</u>	<u>931</u>	<u>70.5</u>			
<u>1717</u>	<u>10</u>	<u>7.22</u>	<u>942</u>	<u>70.1</u>			
<u>1720</u>	<u>15.5</u>	<u>7.18</u>	<u>950</u>	<u>69.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-1</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vattis

Well ID U-2 Well Condition: OK
Well Diameter 2 1/3 in. Hydrocarbon Amount Bailed
Thickness: 0.00 (feet) (product/water): 0 (Gallons)
Total Depth 29.90 ft.
Depth to Water 16.87 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 μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

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

COMMENTS: Monitor only

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vartan

Well ID U-3 Well Condition: OK
Well Diameter 2 1/3 in. Hydrocarbon Amount Bailed
Thickness: 0.00 (feet) (product/water): 0 (Gallons)
Total Depth 24.85 ft.
Depth to Water 15.11 ft.

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

9.74 x VF 0.38 = 3.70 x 3 (case volume) = Estimated Purge Volume: 11.5 (gal.)

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

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

Starting Time: 1635 Weather Conditions: clear
Sampling Time: 1655 Water Color: clear Odor: 4
Purging Flow Rate: 1.5 gpm. Sediment Description: _____
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1638.</u>	<u>4</u>	<u>7.43</u>	<u>905</u>	<u>70.3</u>			
<u>1641</u>	<u>8</u>	<u>7.31</u>	<u>913</u>	<u>69.9</u>			
<u>1643</u>	<u>11.5</u>	<u>7.28</u>	<u>920</u>	<u>69.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-3</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vortex

Well ID U-4 Well Condition: OL
Well Diameter 213 in. Hydrocarbon Amount Bailed
Thickness: 0.00 (feet) (product/water): Ø (Gallons)
Total Depth 27.90 ft.
Depth to Water 16.08 ft.

Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	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 μ mhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL		HCL	SEQUOIA	TPH(G)/bTEX/mtbe

COMMENTS: Monitor only

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/Facility # Tosco #5760 Job#: 180109.85
 Address: 376 Lewelling Blvd. Date: 3/18/02
 City: San Lorenzo, CA Sampler: Vartler

Well ID U-5 Well Condition: OK
 Well Diameter 213 in. Hydrocarbon Thickness: 0.00 (feet) Amount Bailed (product/water): 0 (Gallons)
 Total Depth 28.55 ft.
 Depth to Water 15.25 ft.

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

13.30 x VF 0.17 = 2.26 x 3 (case volume) = Estimated Purge Volume: 7 (gal.)

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

Starting Time: 1600 Weather Conditions: clear
 Sampling Time: 1620 Water Color: clear Odor: no
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1602</u>	<u>2</u>	<u>7.60</u>	<u>849</u>	<u>69.8</u>			
<u>1604</u>	<u>4.5</u>	<u>7.44</u>	<u>863</u>	<u>69.5</u>			
<u>1607</u>	<u>7</u>	<u>7.42</u>	<u>871</u>	<u>69.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-5</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vatkes

Well ID U-6 Well Condition: Paved Over
Well Diameter 213 in. Hydrocarbon Amount Bailed
Thickness: _____ (feet) (product/water): _____ (Gallons)
Total Depth _____ ft.
Depth to Water _____ ft.

Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	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 μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

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

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vastkas

Well ID U-7 Well Condition: Paved Over
Well Diameter 2.3 in. Hydrocarbon Amount Bailed
Thickness: _____ (feet) (product/water): _____ (Gallons)
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 μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	X VOA VIAL	Y	HCL	SEQUOIA	TPH(GI)/btex/mtbe

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/
Facility # Tosco #5760 Job#: 180109.85
Address: 376 Lewelling Blvd. Date: 3/18/02
City: San Lorenzo, CA Sampler: Vetter

Well ID U-8 Well Condition: OK
Well Diameter 21.3 in. Hydrocarbon Amount Bailed
Thickness: 0.00 (feet) (product/water): 0 (Gallons)
Total Depth 29.85 ft.
Depth to Water 14.46 ft.

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

15.39 x VF 0.17 = 2.61 x 3 (case volume) = Estimated Purge Volume: 8 (gal.)

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

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

Starting Time: 1520 Weather Conditions: clear
Sampling Time: 1540 Water Color: bro. 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 μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1522</u>	<u>2.5</u>	<u>7.61</u>	<u>704</u>	<u>69.3</u>			
<u>1525</u>	<u>5</u>	<u>7.46</u>	<u>711</u>	<u>69.0</u>			
<u>1528</u>	<u>8</u>	<u>7.43</u>	<u>717</u>	<u>68.9</u>			
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-8</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/Facility # Tosco #5760 Job#: 180109.85
 Address: 376 Lewelling Blvd. Date: 3/18/02
 City: San Lorenzo, CA Sampler: Vortex

Well ID U-9 Well Condition: OK
 Well Diameter 21.3 in. Hydrocarbon Thickness: 0.00 (feet) Amount Bailed (Gallons) 0
 Total Depth 28.25 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 13.56 ft. Factor (VF) 6" = 1.50 12" = 5.80

14.69 x VF 0.17 = 2.49 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: 1445 Weather Conditions: clear
 Sampling Time: 1505 Water Color: brn. Odor: no
 Purging Flow Rate: 1 gpm. Sediment Description: SH
 Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1448</u>	<u>2.5</u>	<u>7.71</u>	<u>624</u>	<u>68.6</u>			
<u>1450</u>	<u>5</u>	<u>7.58</u>	<u>613</u>	<u>69.1</u>			
<u>1453</u>	<u>7.5</u>	<u>7.53</u>	<u>610</u>	<u>69.3</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-9</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

GLORAL ID# T0600101469

Chain-of-Custody-Record



TOSCO

Tosco Marketing Company
220 Cape Canyon Pl., Ste. 400
San Ramon, California 94583

Facility Number Tosco #5760
 Facility Address 376 Lewelling Blvd., San Lorenzo, CA
 Consultant Project Number 180109
 Consultant Name Gettler-Ryan Inc. (G-R Inc.)
 Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
 Project Contact (Name) Deanna L. Harding
 (Phone) (925) 551-7555 (Fax Number) 925-551-7899

Contact (Name) MR. Dave DeWitt
 (Phone) 925-277-2384
 Laboratory Name Sequoia Analytical
 Laboratory Release Number _____
 Samples Collected by (Name) Vartkes Tashjian
 Collection Date 3/18/02
 Signature [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Load (Yes or No)	Analyses To Be Performed											DO NOT BILL TB-LB ANALYSIS	Remarks				
								TPH GAS - STEK W/INTE (8016)	TPH LIQUID (8015)	Oil and Grease (5522)	Purgeable Hydrocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)									
TB-LB	01	1	W	G		HCL	Y	X																
U-1	02	3	"	"	1730	"	Y	X																
U-3	03	3	"	"	1655	"	Y	X																
U-5	04	3	"	"	1620	"	Y	X																
U-8	05	3	"	"	1540	"	Y	X																
U-9	06	3	"	"	1505	"	Y	X																

Relinquished By (Signature) <u>[Signature]</u>	Organization G-R Inc.	Date/Time 3/18/02	Received By (Signature) <u>[Signature]</u>	Organization Sequoia	Date/Time 3/18/02	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 6 Days 10 Days
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)	Organization	Date/Time	



**Sequoia
Analytical**

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

2 April, 2002

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

RECEIVED

APR 21 2002

GETTLER-RYAN INC.
GENERAL CONTRACTOR

RE: Tosco(1)
Sequoia Report: L203085

Enclosed are the results of analyses for samples received by the laboratory on 03/18/02 18:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard G. Yee For Wayne Stevenson
Project Manager

CA ELAP Certificate #2360



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

Project: Tosco(1)
Project Number: Tosco #5760, San Lorenzo
Project Manager: Deanna Harding

Reported:
04/02/02 15:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	L203085-01	Water	03/18/02 00:00	03/18/02 18:45
U-1	L203085-02	Water	03/18/02 17:30	03/18/02 18:45
U-3	L203085-03	Water	03/18/02 16:55	03/18/02 18:45
U-5	L203085-04	Water	03/18/02 16:20	03/18/02 18:45
U-8	L203085-05	Water	03/18/02 15:40	03/18/02 18:45
U-9	L203085-06	Water	03/18/02 15:05	03/18/02 18:45

Sequoia Analytical - San Carlos

Richard G. Yee For Wayne Stevenson, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

 Project: Tosco(1)
 Project Number: Tosco #5760, San Lorenzo
 Project Manager: Deanna Harding

 Reported:
 04/02/02 15:01

Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B
Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (L203085-01) Water Sampled: 03/18/02 00:00 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	ND	50	ug/l	1	2030077	03/27/02	03/28/02	EPA 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	70-130		"	"	"	"	
U-1 (L203085-02) Water Sampled: 03/18/02 17:30 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	8100	2000	ug/l	40	2030081	03/28/02	03/28/02	EPA 8021B	P-02
Benzene	ND	20	"	"	"	"	"	"	
Toluene	ND	20	"	"	"	"	"	"	
Ethylbenzene	740	20	"	"	"	"	"	"	
Xylenes (total)	1300	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	200	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %	70-130		"	"	"	"	
U-3 (L203085-03) Water Sampled: 03/18/02 16:55 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	6500	1000	ug/l	20	2030081	03/28/02	03/28/02	EPA 8021B	P-02
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	390	10	"	"	"	"	"	"	
Xylenes (total)	1400	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		108 %	70-130		"	"	"	"	



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

Project: Tosco(1)
Project Number: Tosco #5760, San Lorenzo
Project Manager: Deanna Harding

Reported:
04/02/02 15:01

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B
Sequoia Analytical - San Carlos**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-5 (L203085-04) Water Sampled: 03/18/02 16:20 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	ND	50	ug/l	1	2030081	03/28/02	03/28/02	EPA 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.4 %		70-130	"	"	"	"	
U-8 (L203085-05) Water Sampled: 03/18/02 15:40 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	ND	50	ug/l	1	2030081	03/28/02	03/28/02	EPA 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		112 %		70-130	"	"	"	"	
U-9 (L203085-06) Water Sampled: 03/18/02 15:05 Received: 03/18/02 18:45									
Purgeable Hydrocarbons as Gasoline	ND	50	ug/l	1	2030081	03/28/02	03/28/02	EPA 8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		70-130	"	"	"	"	

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

 Project: Tosco(1)
 Project Number: Tosco #5760, San Lorenzo
 Project Manager: Deanna Harding

 Reported:
 04/02/02 15:01

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B - Quality Control
 Sequoia Analytical - San Carlos**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 2030077 - EPA 5030B (P/T)
Blank (2030077-BLK1)

Prepared & Analyzed: 03/27/02

Purgeable Hydrocarbons as Gasoline	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	5.0	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	8.81		"	10.0		88.1	70-130			

LCS (2030077-BS1)

Prepared & Analyzed: 03/27/02

Benzene	11.6	0.50	ug/l	10.0		116	70-130			
Toluene	10.6	0.50	"	10.0		106	70-130			
Ethylbenzene	10.1	0.50	"	10.0		101	70-130			
Xylenes (total)	30.3	0.50	"	30.0		101	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	9.75		"	10.0		97.5	70-130			

LCS (2030077-BS2)

Prepared & Analyzed: 03/27/02

Purgeable Hydrocarbons as Gasoline	259	50	ug/l	250		104	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.6		"	10.0		116	70-130			

Matrix Spike (2030077-MS1)

Source: L203063-14

Prepared & Analyzed: 03/27/02

Benzene	11.9	0.50	ug/l	10.0	ND	119	60-140			
Toluene	10.9	0.50	"	10.0	ND	109	60-140			
Ethylbenzene	10.3	0.50	"	10.0	ND	103	60-140			
Xylenes (total)	30.5	0.50	"	30.0	ND	102	60-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.6		"	10.0		106	70-130			

Matrix Spike Dup (2030077-MSD1)

Source: L203063-14

Prepared & Analyzed: 03/27/02

Benzene	11.8	0.50	ug/l	10.0	ND	118	60-140	0.844	25	
Toluene	10.7	0.50	"	10.0	ND	107	60-140	1.85	25	
Ethylbenzene	10.2	0.50	"	10.0	ND	102	60-140	0.976	25	
Xylenes (total)	29.7	0.50	"	30.0	ND	99.0	60-140	2.66	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.2		"	10.0		112	70-130			



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

Project: Tosco(1)
Project Number: Tosco #5760, San Lorenzo
Project Manager: Deanna Harding

Reported:
04/02/02 15:01

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B - Quality Control
Sequoia Analytical - San Carlos**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2030081 - EPA 5030B (P/T)

Blank (2030081-BLK1)

Prepared & Analyzed: 03/28/02

Purgeable Hydrocarbons as Gasoline	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	5.0	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	9.82		"	10.0		98.2	70-130			

LCS (2030081-BS1)

Prepared & Analyzed: 03/28/02

Benzene	9.03	0.50	ug/l	10.0		90.3	70-130			
Toluene	9.04	0.50	"	10.0		90.4	70-130			
Ethylbenzene	9.33	0.50	"	10.0		93.3	70-130			
Xylenes (total)	28.1	0.50	"	30.0		93.7	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.1		"	10.0		101	70-130			

LCS (2030081-BS2)

Prepared & Analyzed: 03/28/02

Purgeable Hydrocarbons as Gasoline	264	50	ug/l	250		106	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.3		"	10.0		113	70-130			

Matrix Spike (2030081-MS1)

Source: L203083-04

Prepared & Analyzed: 03/28/02

Purgeable Hydrocarbons as Gasoline	261	50	ug/l	250	ND	104	60-140			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	10.9		"	10.0		109	70-130			

Matrix Spike Dup (2030081-MSD1)

Source: L203083-04

Prepared & Analyzed: 03/28/02

Purgeable Hydrocarbons as Gasoline	259	50	ug/l	250	ND	104	60-140	0.769	25	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	11.1		"	10.0		111	70-130			



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Project: Tosco(1)
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Reported:
04/02/02 15:01

Notes and Definitions

P-02 Chromatogram Pattern: Weathered Gasoline C6-C12
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