



Alameda County

OCT 24 2003

Environmental Health

10-347
2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583

Phone: (925) 277-2384
Fax: (925) 277-2361

Risk Management &
Remediation

October 22, 2003

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

"I declare under penalty of perjury, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached proposal or report is true and correct"

A handwritten signature in cursive script that reads "David B. DeWitt".

David B. DeWitt
Site Manager
ConocoPhillips

Co. 374

Alameda County

OCT 24 2003

Environmental Health



GETTLER-RYAN INC.

TRANSMITTAL

October 7, 2003

G-R #180109

TO: Mr. David B. De Witt
ConocoPhillips
76 Broadway Avenue
Sacramento, California 94608

CC: Mr. Tim Ripp
Shaw Environmental, Inc.
2360 Bering Drive
San Jose, California 95131

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 3, 2003	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of September 5, 2003

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 **October 21, 2003**, 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

OCT 24 2003



GETTLER-RYAN INC.

Environmental Health

October 3, 2003

G-R Job #180109

Mr. David B. De Witt
 ConocoPhillips
 76 Broadway Avenue
 Sacramento, California 95818

RE: Second Semi-Annual Event of September 5, 2003
 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 and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

Deanna L. Harding

Deanna L. Harding
 Project Coordinator

Hagop Kevork

Hagop Kevork
 P.E. No. C55734

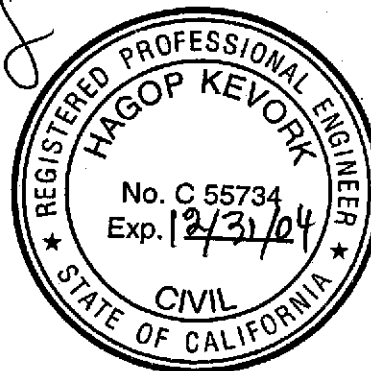
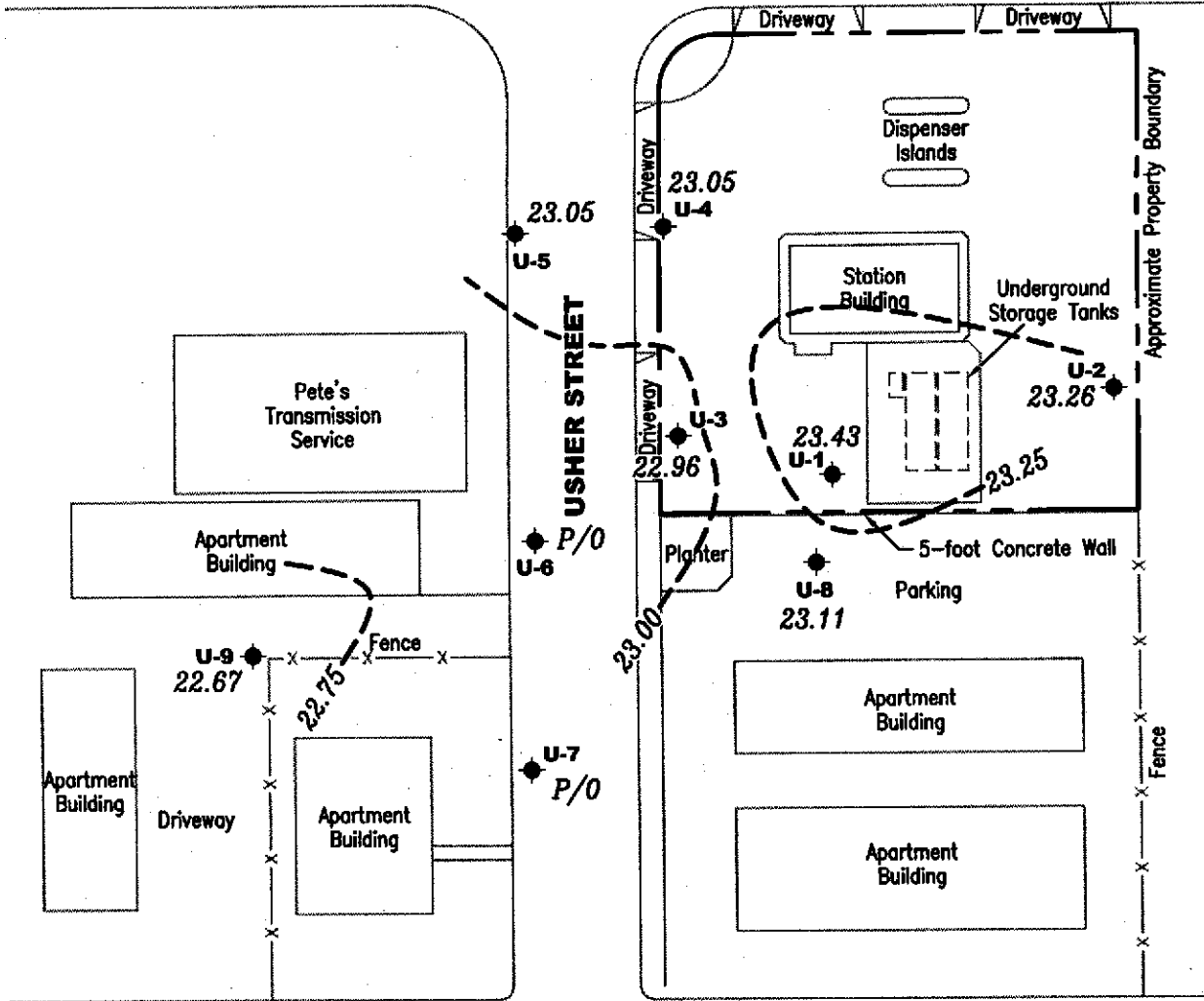


Figure 1: Potentiometric Map
 Figure 2: Concentration Map
 Table 1: Groundwater Monitoring Data and Analytical Results
 Table 2: Groundwater Analytical Results - Oxygenate Compounds
 Table 3: Dissolved Oxygen Concentrations
 Attachments: Standard Operating Procedure - Groundwater Sampling
 Field Data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


5760.qml

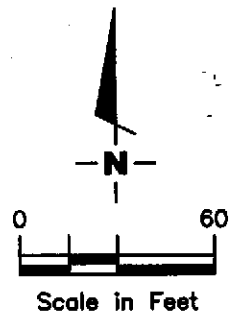
LEWELLING BOULEVARD



EXPLANATION

- ◆ Groundwater monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- P/O Paved Over


 Approximate groundwater flow direction at a gradient of 0.002 to 0.01 FL./Ft.



ALBION AVENUE

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


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

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

FIGURE

1

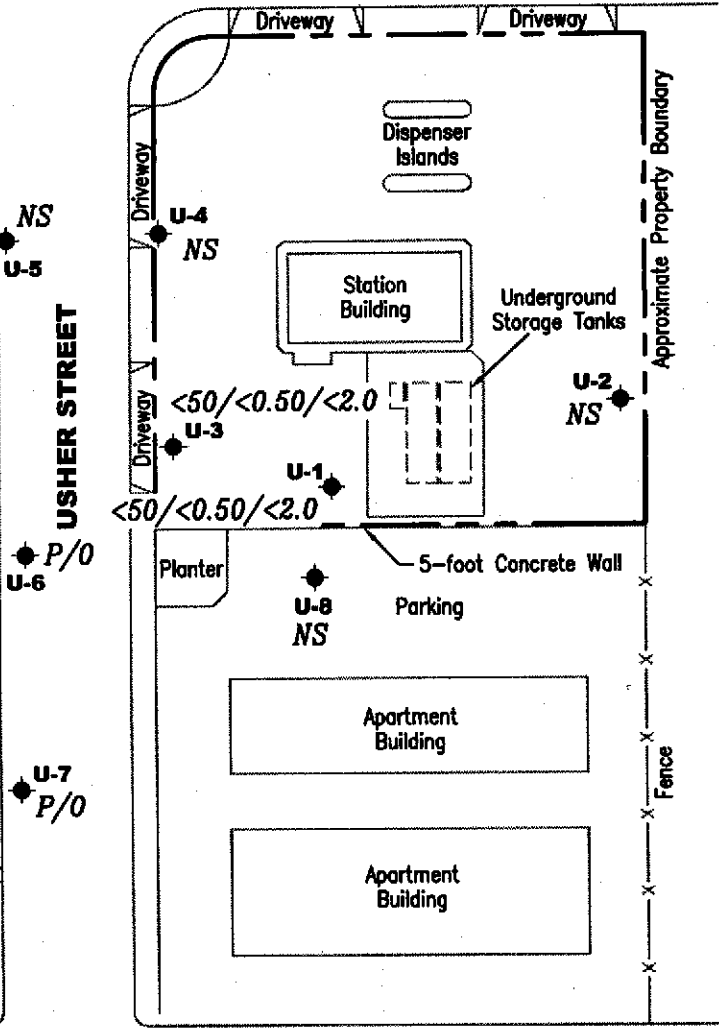
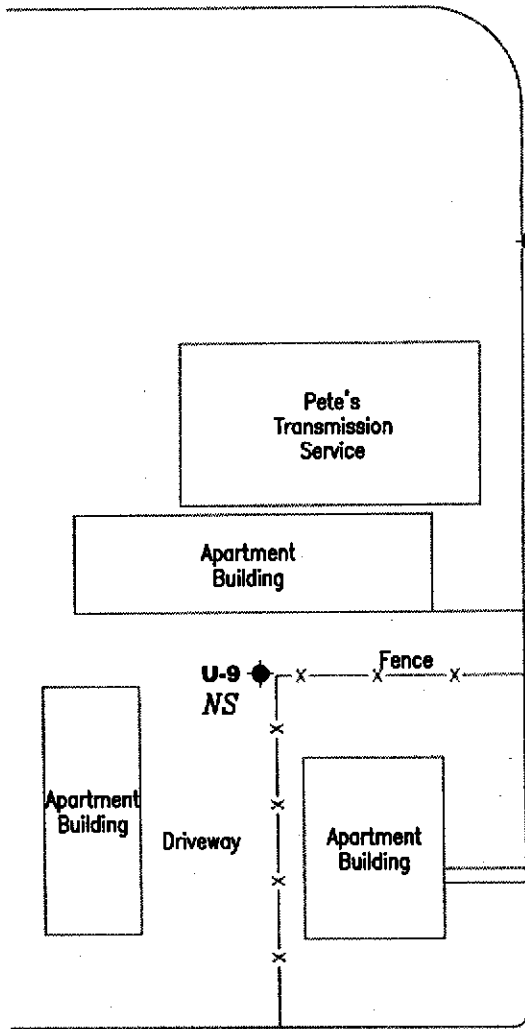
PROJECT NUMBER
180109

REVIEWED BY

DATE
September 5, 2003

REVISED DATE

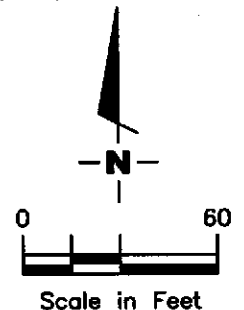
LEWELLING BOULEVARD



ALBION AVENUE

EXPLANATION

- ◆ Groundwater monitoring well
- A/B/C Total Petroleum Hydrocarbons (TPH) as Gasoline/Benzene/MTBE concentrations in ppb
- NS Not Sampled
- P/O Paved Over
- NOTE:** Analyses by EPA Method 8260



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

GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

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

FIGURE
2

PROJECT NUMBER
 180109

REVIEWED BY

DATE
 September 5, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

WELL ID/ TOC*(ft.)	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
	09/12/95	16.77		23.24	0.00	43,000	910	2,700	1,700	9,600	1,400
40.01**	09/12/95	16.77		23.24	0.00	43,000	910	2,700	1,700	9,600	1,400
	12/14/95					INACCESSIBLE - WELL CONNECTED TO REMEDIATION SYSTEM WHICH WAS NOT RUNNING					--
40.20	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
	09/04/98	16.84		23.36	0.00	5,300 ⁸	53	ND ⁷	410	620	ND ⁷

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC*(ft.)	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	03/04/99	13.04	10.5-30.5	27.16	0.00	1,500	19	ND ⁷	56	110	310
(cont)	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	8,100 ⁹	<20	<20	740	1,300	<200
	09/17/02 ¹³	17.35		22.85	0.00	4,200	<2.5	<2.5	120	43	280
	03/28/03 ¹³	15.72		24.48	0.00	560	<0.50	<0.50	0.96	<1.0	69
	09/05/03 ¹³	16.77		23.43	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
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	--

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WELL ID/ TOC* (ft.)	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 (cont)	03/09/95	16.96	15.0-30.0	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
	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	--	--	--	--	--	--
	09/17/02	18.33		22.93	0.00	--	--	--	--	--	--
	03/28/03	16.95		24.31	0.00	--	--	--	--	--	--
	09/05/03	18.00		23.26	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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WELL ID/ TOC* (ft.)	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	
	09/17/02 ¹³	17.67		21.59	0.00	<50	<0.50	<0.50	<0.50	<1.0	2.0	
	03/28/03 ¹³	15.25		24.01	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0	
	09/05/03 ¹³	16.30		22.96	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0	

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC* (ft.)	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
	09/13/99	17.55		22.70	0.00	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC* (ft.)	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	03/21/00	14.74	15.0-28.0	25.51	0.00	ND	ND	ND	ND	ND	ND
(cont)	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	--	--	--	--	--	--
	09/17/02	16.56		23.69	0.00	--	--	--	--	--	--
	03/28/03	16.15		24.10	0.00	--	--	--	--	--	--
	09/05/03	17.20		23.05	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	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC* (ft.)	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-5	03/04/99	13.42	15.0-30.0	25.89	0.00	ND	ND	0.67	ND	ND	ND
(cont)	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
	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
	09/17/02	16.71		22.60	0.00	SAMPLED ANNUALLY		--	--	--	--
	03/28/03 ¹³	15.21		24.10	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	09/05/03	16.26		23.05	0.00	SAMPLED ANNUALLY		--	--	--	--
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

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC* (ft.)	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	09/04/98	14.85	13.0-28.0	22.83	0.00	ND	ND	ND	ND	ND	ND	ND
(cont)	03/04/99	12.10		25.58	0.00	ND	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			--	--	--	--	--	--	--	--
	09/04/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	03/18/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	09/17/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5760
 376 Lewelling Boulevard
 San Lorenzo, California

WELL ID/ TOC*(ft.)	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	03/10/98	10.46	15.0-35.0	26.65	0.00	ND	ND	ND	ND	ND	ND
(cont)	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			--	--	--	--	--	--	--
	09/04/01	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
	09/17/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--	--
PAVED OVER											
U-8	04/07/92	--	15.0-30.0	--	--	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	SAMPLED ANNUALLY		--	--	--	--
	03/10/98	11.63		26.94	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* (ft.)	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	09/04/98	15.81	15.0-30.0	22.76	0.00	--	--	--	--	--	--
(cont)	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
	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
	09/17/02	15.93		22.64	0.00	SAMPLED ANNUALLY		--	--	--	--
	03/28/03 ¹³	14.40		24.17	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	09/05/03	15.46		23.11	0.00	SAMPLED ANNUALLY		--	--	--	--
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

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

WELL ID/ TOC*(ft.)	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-9	03/04/99	11.95	13.0-28.0	25.36	0.00	ND	ND	ND	ND	ND	ND
(cont)	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
	09/17/02	15.14		22.17	0.00	SAMPLED ANNUALLY		--	--	--	--
	03/28/03 ¹³	13.61		23.70	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	09/05/03	14.64		22.67	0.00	SAMPLED ANNUALLY		--	--	--	--
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
QA	09/17/02	--	--	--	--	<50	<0.50	0.66	<0.50	<1.0	<2.0
	03/28/03 ¹³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	09/05/03¹³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0

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

* 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.

¹³ TPH-G, BTEX and MTBE by EPA Method 8260.

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
	09/17/02	<2,500	<500	280	<10	<10	<10	<10	<10
	03/28/03	--	--	69	--	--	--	--	--
	09/05/03	<500	--	<2.0	--	--	--	--	--
U-3	09/17/02	--	--	2.0	--	--	--	--	--
	03/28/03	--	--	<2.0	--	--	--	--	--
	09/05/03	<500	--	<2.0	--	--	--	--	--
U-5	03/28/03	--	--	<2.0	--	--	--	--	--
	09/05/03	SAMPLED ANNUALLY		--	--	--	--	--	--
U-8	03/28/03	--	--	<2.0	--	--	--	--	--
	09/05/03	SAMPLED ANNUALLY		--	--	--	--	--	--
U-9	03/28/03	--	--	<2.0	--	--	--	--	--
	09/05/03	SAMPLED ANNUALLY		--	--	--	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

EXPLANATIONS:

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

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, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

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 disposable 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 and is labeled as QA. 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 ConocoPhillips Company, the purge water and decontamination water generated during sampling activities is transported to ConocoPhillips - San Francisco Refinery, located in Rodeo, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9-5-03 (inclusive)
 City: San Lorenzo, CA Sampler: I.O.

Well ID: U-1 Date Monitored: 9-3 Well Condition: OK

Well Diameter: 2 1/3 in.
 Total Depth: 29.15 ft.
 Depth to Water: 16.77 ft.
12.35 xVF .78 = 4.69 x3 (case volume) = Estimated Purge Volume: 14 gal.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft.
 Depth to Water: _____ ft.
 Hydrocarbon Thickness: _____ ft.
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0936 Weather Conditions: clear
 Sample Time/Date: 0951 / 9-5-03 Water Color: clear Odor: no
 Purging Flow Rate: 2 gpm. Sediment Description: _____
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0939</u>	<u>4.5</u>	<u>7.61</u>	<u>429</u>	<u>18.9</u>		
<u>0942</u>	<u>9</u>	<u>7.55</u>	<u>440</u>	<u>19.2</u>		
<u>0945</u>	<u>14</u>	<u>7.48</u>	<u>446</u>	<u>19.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/ETHANOL(8260)</u>

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9-5-03 (inclusive)
 City: San Lorenzo, CA Sampler: D.O.

Well ID: U-2 Date Monitored: 9-5 Well Condition: OK
 Well Diameter: 21(3) in.
 Total Depth: 2495 ft.
 Depth to Water: 18.00 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANGL(8260)

COMMENTS: Monitor Only

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9-5-03 (inclusive)
 City: San Lorenzo, CA Sampler: D.O.

Well ID: U-3 Date Monitored: 9-5 Well Condition: OK
 Well Diameter: 2 1/8 in.
 Total Depth: 29.93 ft.
 Depth to Water: 16.30 ft.
13.63 xVF .38 = 5.17 x3 (case volume) = Estimated Purge Volume: 15.5 gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:
 Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1008 Weather Conditions: clear
 Sample Time/Date: 1026 / 9-5-03 Water Color: clear Odor: no
 Purging Flow Rate: 2 gpm. Sediment Description: _____
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1011</u>	<u>5</u>	<u>7.36</u>	<u>398</u>	<u>19.4</u>		
<u>1014</u>	<u>10</u>	<u>7.30</u>	<u>392</u>	<u>19.5</u>		
<u>1017</u>	<u>15.5</u>	<u>7.25</u>	<u>399</u>	<u>19.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)	
<u>U-3</u>	<u>3 x voa vial</u>	<u>YES</u>	<u>HCL</u>			

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760
 Site Address: 376 Lewelling Blvd.
 City: San Lorenzo, CA

Job Number: 180109
 Event Date: 9.5.03 (inclusive)
 Sampler: I.O.

Well ID: U-4
 Well Diameter: 2 1/3 in.
 Total Depth: 27.87 ft.
 Depth to Water: 17.20 ft.

Date Monitored: 9.5 Well Condition: OK

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Monitor Only

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9.5.03 (inclusive)
 City: San Lorenzo, CA Sampler: D.O.

Well ID: U-5 Date Monitored: 9.5 Well Condition: OK
 Well Diameter: 213 in.
 Total Depth: 98.55 ft.
 Depth to Water: 16.26 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

 xVF = x3 (case volume) = Estimated Purge Volume: gal.

Purge Equipment:	Sampling Equipment:	Time Started: <u> </u> (2400 hrs) Time Bailed: <u> </u> (2400 hrs) Depth to Product: <u> </u> ft Depth to Water: <u> </u> ft Hydrocarbon Thickness: <u> </u> ft Visual Confirmation/Description: <u> </u> Skimmer / Absorbant Sock (circle one) Amt Removed from Skimmer: <u> </u> gal Amt Removed from Well: <u> </u> gal Product Transferred to: <u> </u>
Disposable Bailer	Disposable Bailer	
Stainless Steel Bailer	Pressure Bailer	
Stack Pump	Discrete Bailer	
Suction Pump	Other: <u> </u>	
Grundfos		
Other: <u> </u>		

Start Time (purge): Weather Conditions:
 Sample Time/Date: Water Color: Odor:
 Purging Flow Rate: gpm. Sediment Description:
 Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x vna vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Monitor Only

Add/Replaced Lock: Add/Replaced Plug: Size:



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9.5.07 (inclusive)
 City: San Lorenzo, CA Sampler: D.S.

Well ID: U-6 Date Monitored: 9.5 Well Condition: P/O/W
 Well Diameter: 2 1/3 in.
 Total Depth: — ft.
 Depth to Water: — ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description:
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 9/5/07 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (μ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x vva vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Well paved over

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760
 Site Address: 376 Lewelling Blvd.
 City: San Lorenzo, CA

Job Number: 180109
 Event Date: 9-5-03 (inclusive)
 Sampler: P.O.

Well ID: U-7
 Well Diameter: 2 1/3 in.
 Total Depth: - ft.
 Depth to Water: - ft.

Date Monitored: 8 9-5 Well Condition: 100%

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

- x VF = - x3 (case volume) = Estimated Purge Volume: - gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started:	_____ (2400 hrs)
Time Bailed:	_____ (2400 hrs)
Depth to Product:	_____ ft
Depth to Water:	_____ ft
Hydrocarbon Thickness:	_____ ft
Visual Confirmation/Description:	
Skimmer / Absorbent Sock (circle one)	
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Product Transferred to:	_____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Well paved over

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760 Job Number: 180109
 Site Address: 376 Lewelling Blvd. Event Date: 9-5-03 (inclusive)
 City: San Lorenzo, CA Sampler: D.O.

Well ID: U-8 Date Monitored: 9-5 Well Condition: OK
 Well Diameter: 2 1/3 in.
 Total Depth: 29.86 ft.
 Depth to Water: 15.46 ft.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

 xVF = x3 (case volume) = Estimated Purge Volume: gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voc vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Monitor Only

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5760
 Site Address: 376 Lewelling Blvd.
 City: San Lorenzo, CA

Job Number: 180109
 Event Date: 9-5-03 (inclusive)
 Sampler: D.O.

Well ID: U-9
 Well Diameter: 213 in.
 Total Depth: 2825 ft.
 Depth to Water: 14.64 ft.

Date Monitored: 9-5 Well Condition: OK

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

 xVF = x3 (case volume) = Estimated Purge Volume: gal.

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Monitor only

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

2003-09-0234

Gettler-Ryan Inc., Chain-of-Custody

Toaco Corp./
Phillips 66 Co.
2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583

Facility Number 5780
Facility Address 576 LEWELLING AVE., SAN LORENZO, CA
Global ID T0600101469 Project 180109.60
Client Contact MR. DAVID B. DEWITT
Phone 916-558-7666

Laboratory Name STL - PLEASANTON, CA
Consultant GETTLER-RYAN, INC. DEANNA L. HARDING
Address 6747 SIERRA CT., SUITE J, DUBLIN CA 94568
Phone (925) 551-7555 Fax (925) 551-7899
Samples Collected by David Okamoto

SAMPLE ID	Number of Containers Nchrz	S = Soil A = Air W = Water C = Character	Sample Preservation	Date/Time (2400 hrs)	TPH-GAS/BTEX/MTBE EPA 8015/8021B	TPH-DIESEL EPA 8015	TPH-DIESEL w/Solids EPA 8015	TPH-GAS EPA 8015	TPH-GAS/BTEX/MTBE EPA 8260	OXYGENATES EPA 8260	METHANOL EPA 8015	TOTAL OIL & GREASE EPA 5020	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/ALUMINUM EPA 300 SERIES	HMOC'S (8010) EPA 8221B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270	Remarks	
QA	1	W	HCL	9-5-03/					X										
U-1	3	↓	↓	10151					X										
U-3	3	↓	↓	11026					X										

2-0-c

- OXYGENATES 8260
- 1 - MTBE
 - 2 - TBA
 - 3 - TAME
 - 4 - DIPE
 - 5 - ETBE
 - 6 - 1,2-DCA
 - 7 - EDB
 - 8 - ETHANOL

Relinquished By (Signature) <i>David Okamoto</i>	Organization G.R.	Date/Time 9-5-03/1120	Received By (Signature) <i>[Signature]</i>	Organization S-R	Date/Time 9/25/03	load Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 72 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature) <i>[Signature]</i>	Organization G-R	Date/Time 9/25/03	Received By (Signature) <i>[Signature]</i>	Organization STL-SR	Date/Time 9/25/03	load Y/N	
Relinquished By (Signature) <i>[Signature]</i>	Organization STL-SR	Date/Time 9/25/03	Received For Laboratory By (Signature) <i>[Signature]</i>		Date/Time 9/25/03 1658	load Y/N	

September 21, 2003

Gettler Ryan

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180109.80

Project: Conoco #5760

Site: 376 Lewelling Ave., San Lorenzo, CA

Dear Ms. Harding,

Attached is our report for your samples received on 09/08/2003 16:58

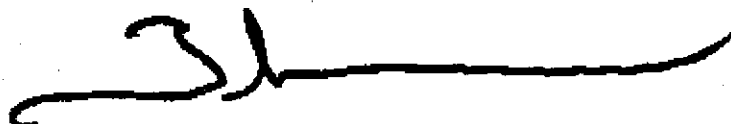
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/23/2003 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: tgranicher@stl-inc.com

Sincerely,



Tod Granicher
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180109.80

Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
QA	09/05/2003	Water	1
U-1	09/05/2003 09:51	Water	2
U-3	09/05/2003 10:26	Water	3

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180109.80
Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: QA	Lab ID: 2003-09-0234 - 1
Sampled: 09/05/2003	Extracted: 9/16/2003 01:57
Matrix: Water	QC Batch#: 2003/09/15-2B 64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/16/2003 01:57	
Benzene	ND	0.50	ug/L	1.00	09/16/2003 01:57	
Toluene	ND	0.50	ug/L	1.00	09/16/2003 01:57	
Ethylbenzene	ND	0.50	ug/L	1.00	09/16/2003 01:57	
Total xylenes	ND	1.0	ug/L	1.00	09/16/2003 01:57	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/16/2003 01:57	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	76-114	%	1.00	09/16/2003 01:57	
Toluene-d8	101.1	88-110	%	1.00	09/16/2003 01:57	

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Project: 180109.80
Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: U-1	Lab ID: 2003-09-0234 - 2
Sampled: 09/05/2003 09:51	Extracted: 9/16/2003 02:19
Matrix: Water	QC Batch#: 2003/09/15-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/16/2003 02:19	
Benzene	ND	0.50	ug/L	1.00	09/16/2003 02:19	
Toluene	ND	0.50	ug/L	1.00	09/16/2003 02:19	
Ethylbenzene	ND	0.50	ug/L	1.00	09/16/2003 02:19	
Total xylenes	ND	1.0	ug/L	1.00	09/16/2003 02:19	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/16/2003 02:19	
Ethanol	ND	500	ug/L	1.00	09/16/2003 02:19	
Surrogate(s)						
1,2-Dichloroethane-d4	90.3	76-114	%	1.00	09/16/2003 02:19	
Toluene-d8	102.8	88-110	%	1.00	09/16/2003 02:19	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180109.80

Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: U-3	Lab ID: 2003-09-0234 - 3
Sampled: 09/05/2003 10:26	Extracted: 9/16/2003 02:41
Matrix: Water	QC Batch#: 2003/09/15-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/16/2003 02:41	
Benzene	ND	0.50	ug/L	1.00	09/16/2003 02:41	
Toluene	ND	0.50	ug/L	1.00	09/16/2003 02:41	
Ethylbenzene	ND	0.50	ug/L	1.00	09/16/2003 02:41	
Total xylenes	ND	1.0	ug/L	1.00	09/16/2003 02:41	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/16/2003 02:41	
Ethanol	ND	500	ug/L	1.00	09/16/2003 02:41	
Surrogate(s)						
1,2-Dichloroethane-d4	97.1	76-114	%	1.00	09/16/2003 02:41	
Toluene-d8	106.9	88-110	%	1.00	09/16/2003 02:41	

09/17/2003 16:19

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX Fuel Oxygenates by 8260B

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Attn.: Deanna Harding

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Dublin, CA 94568

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Project: 180109.80

Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/09/15-2B.64-057

Water

Test(s): 8260FAB

QC Batch # 2003/09/15-2B.64

Date Extracted: 09/15/2003 21:57

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/15/2003 21:57	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	09/15/2003 21:57	
Benzene	ND	0.5	ug/L	09/15/2003 21:57	
Toluene	ND	0.5	ug/L	09/15/2003 21:57	
Ethylbenzene	ND	0.5	ug/L	09/15/2003 21:57	
Total xylenes	ND	1.0	ug/L	09/15/2003 21:57	
Ethanol	ND	500	ug/L	09/15/2003 21:57	
Surrogates(s)					
1,2-Dichloroethane-d4	87.8	76-114	%	09/15/2003 21:57	
Toluene-d8	98.6	88-110	%	09/15/2003 21:57	

Gas/BTEX Fuel Oxygenates by 8260B

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Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike

Water

QC Batch # 2003/09/15-2B.64

LCS 2003/09/15-2B.64-014

Extracted: 09/15/2003

Analyzed: 09/15/2003 21:14

LCSD 2003/09/15-2B.64-036

Extracted: 09/15/2003

Analyzed: 09/15/2003 21:36

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.4	22.9	25	89.6	91.6	2.2	65-165	20		
Benzene	22.7	25.2	25	90.8	100.8	10.4	69-129	20		
Toluene	24.3	27.2	25	97.2	108.8	11.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	462	422	500	92.4	84.4		76-114			
Toluene-d8	499	496	500	99.8	99.2		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180109.80

Conoco #5760

Received: 09/08/2003 16:58

Site: 376 Lewelling Ave., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD)

Water

QC Batch # 2003/09/15-2B.64

U-3 >> MS

Lab ID: 2003-09-0234 - 003

MS: 2003/09/15-2B.64-003

Extracted: 09/16/2003

Analyzed: 09/16/2003 03:03

Dilution: 1.00

MSD: 2003/09/15-2B.64-025

Extracted: 09/16/2003

Analyzed: 09/16/2003 03:25

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	22.1	23.6	ND	25	88.4	94.4	6.6	69-129	20		
Toluene	24.1	26.4	ND	25	96.4	105.6	9.1	70-130	20		
Methyl tert-butyl ether	22.4	23.8	ND	25	89.6	95.2	6.1	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	453	436		500	90.6	87.2		76-114			
Toluene-d8	505	502		500	101.1	100.4		88-110			