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GETTLER-RYAN INC.

TRANSMITTAL

November 13, 2000
G-R #:180109

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

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

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

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	November 9, 2000	Groundwater Monitoring and Sampling Report Second Semi-Annual 2000 - Event of September 18, 2000

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by ***November 22, 2000***, this report will be distributed to the following:

Enclosure

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

trans/5760dbd.qmt

GETTLER-RYAN INC.

November 9, 2000
G-R Job #180109

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

RE: Second Semi-Annual 2000 Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #5760
376 Lewelling Boulevard
San Lorenzo, California

Dear Mr. De Witt:

This report documents the semi-annual groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). On September 18, 2000, field personnel monitored seven wells (U-1 through U-5, U-8, and U-9) and sampled three wells (U-1, U-3, and U-9) at the above referenced site. Two wells (U-6 and U-7) were paved over. In addition, on October 13, 2000, field personnel monitored and sampled one well (U-1) at the above referenced site.

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.

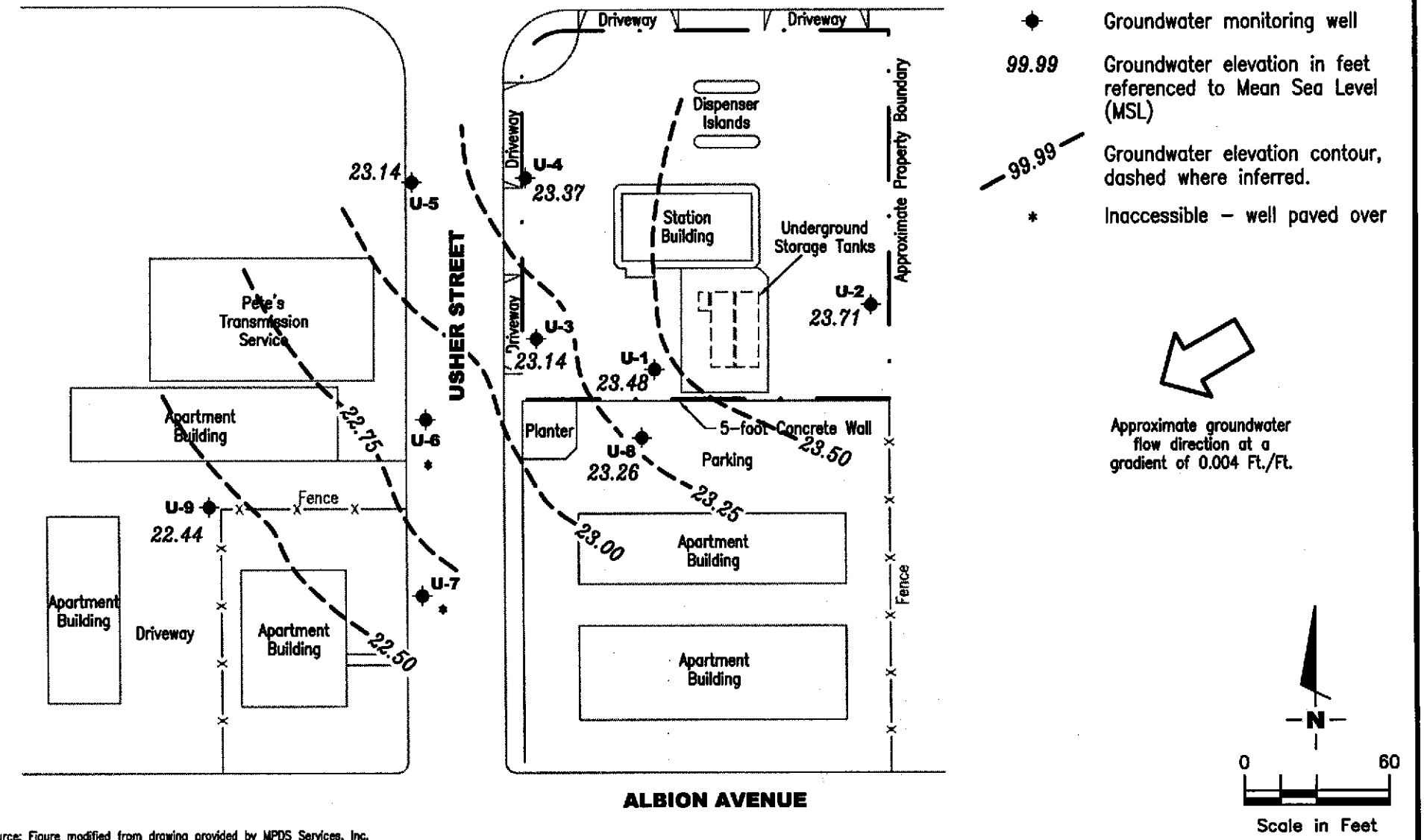
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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



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

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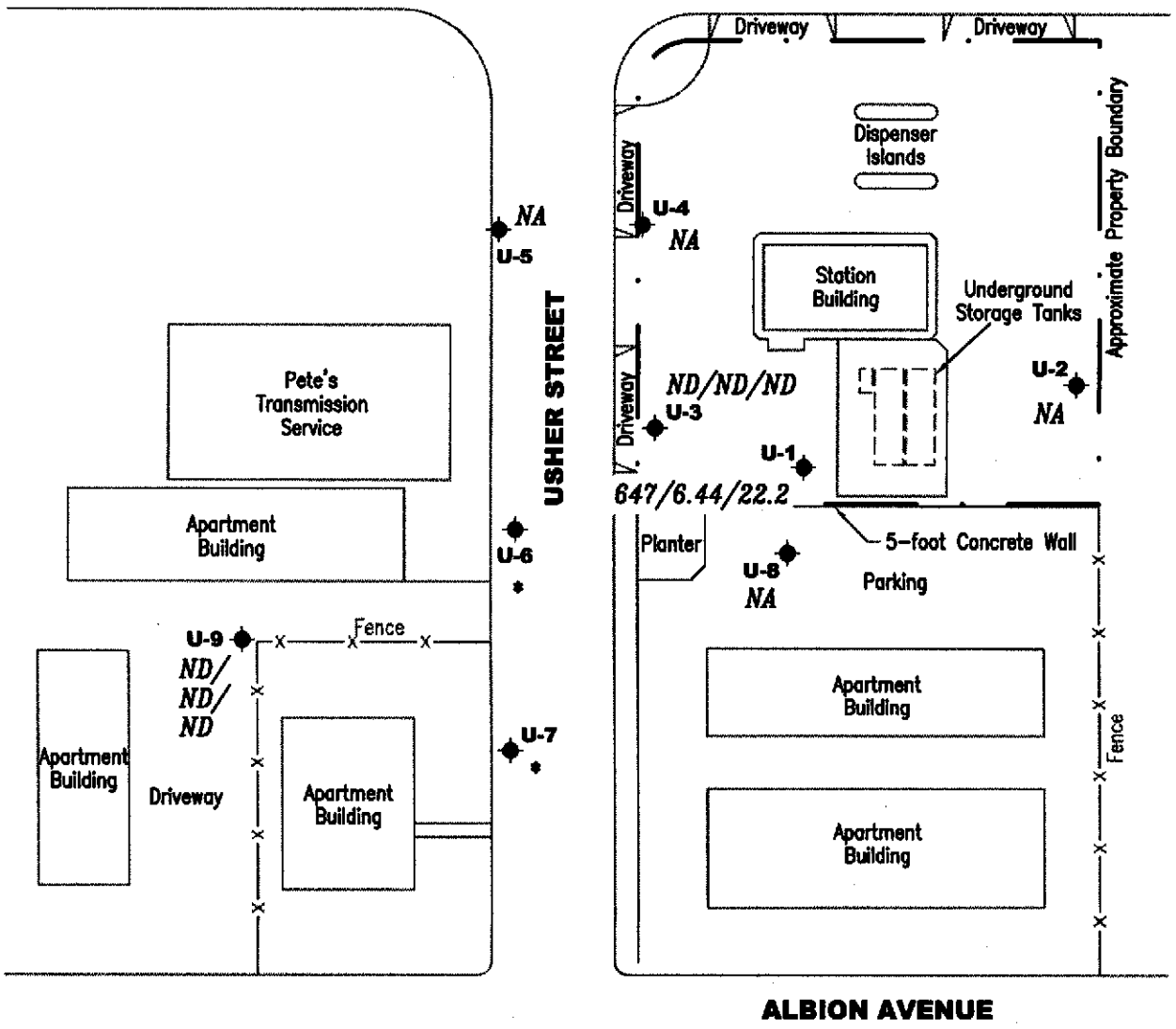
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

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

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180109		September 18, 2000	

FILE NAME: P:\ENVIRO\TOSCO\5760\Q00-5760.DWG | Layout Tab: Pot3



EXPLANATION

✦	Groundwater monitoring well
A/B/C	TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/ Benzene/MTBE concentrations in ppb
ND	Not Detected
NA	Not Analyzed
*	Inaccessible – well paved over

N

0 60

Scale in Feet

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

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

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180109		September 18, 2000	

FILE NAME: P:\ENVIRO\TOSCO\5760\Q00-5760.DWG | Layout Tab: Con3

Table 1

Groundwater Monitoring Data and Analytical Results

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	09/04/98	16.84	23.36	0.00	5,300[8]	53	ND[7]	410	620	ND[7]
(cont)	03/04/99	13.04	27.16	0.00	1,500	19	ND[7]	56	110	310
	09/13/99	17.14	23.06	0.00	5,850[8]	32.7	ND[7]	520	925	ND[7]
	03/21/00	14.36	25.84	0.00	4,820[8]	17.4	7.74	297	1,370	ND[7]
	09/18/00	**16.72**	**23.48**	**0.00**	**647[9]**	**6.44**	**ND[7]**	**22.3**	**6.86**	**22.2**
	10/13/00	**16.85**	**23.35**	**0.00**	**--**	**--**	**--**	**--**	**--**	**--/29[10]**
U-2	08/23/90	--	--	--	ND	ND	ND	ND	ND	--
	12/05/90	--	--	--	ND	ND	ND	ND	ND	--
	03/04/91	--	--	--	ND	ND	0.9	ND	2.6	--
	06/03/91	--	--	--	ND	ND	ND	ND	ND	--
	09/19/91	--	--	--	ND	ND	ND	ND	ND	--
	12/04/91	--	--	--	ND	ND	ND	ND	ND	--
	03/05/92	--	--	--	ND	ND	0.36	ND	ND	--
	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--
	11/20/92	--	--	--	ND	ND	ND	ND	ND	--
	02/12/93	--	--	--	ND	ND	ND	ND	ND	--
41.62	06/04/93	17.59	24.03	0.00	ND	ND	ND	ND	ND	--
	09/09/93	18.68	22.94	0.00	ND	ND	ND	ND	ND	--
41.26	12/02/93	19.23	22.03	0.00	ND	ND	ND	ND	ND	--
	03/09/94	18.05	23.21	0.00	62	1.1	5.4	1.1	9.7	--
	04/13/94	18.18	23.08	0.00	ND	ND	ND	ND	ND	--
	06/09/94	18.26	23.00	0.00	ND	ND	ND	ND	ND	--
	09/07/94	19.28	21.98	0.00	ND	ND	0.63	ND	0.61	--
	12/05/94	18.82	22.44	0.00	ND	ND	ND	ND	ND	--
	03/09/95	16.96	24.30	0.00	ND	ND	ND	ND	ND	ND
	06/13/95	16.71	24.55	0.00	ND	ND	ND	ND	ND	ND
	09/12/95	17.80	23.46	0.00	ND	ND	ND	ND	ND	ND
	12/14/95	18.18	23.08	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.)	GWE (msl)	Product Thickness (ft.)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-2	03/20/96	15.02	26.24	0.00	--	--	--	--	--	--
(cont)	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**	**--**	**--**	**--**	**--**	**--**	**--**
U-3	08/23/90	--	--	--	110,000	4,400	13,000	2,800	17,000	--
	12/05/90	--	--	--	69,000	1,900	3,500	1,600	9,800	--
	01/18/91	--	--	--	51,000	1,700	3,100	1,500	7,500	--
	03/04/91	--	--	--	84,000	1,400	10,000	2,900	17,000	--
	06/03/91	--	--	--	130,000	5,800	19,000	4,600	24,000	--
	09/19/91	--	--	--	61,000	3,300	9,700	2,800	15,000	--
	12/04/91	--	--	--	75,000	2,500	6,100	1,900	11,000	--
	03/05/92	--	--	--	160,000	5,300	15,000	5,400	26,000	--
	04/07/92	--	--	--	97,000	6,100	16,000	5,400	28,000	--
	08/06/92	--	--	--	140,000	5,100	13,000	5,000	23,000	--
	11/20/92	--	--	--	50,000	3,200	4,700	1,900	10,000	--
	02/12/93	--	--	--	80,000	3,700	9,400	3,700	18,000	--
39.64	06/04/93	15.48	24.16	0.00	92,000	2,900	8,700	4,300	20,000	--
	09/09/93	17.04	22.60	0.00	110,000	2,800	10,000	6,500	31,000	--
39.26	12/02/93	17.55	21.71	0.00	110,000	3,200	7,700	5,600	26,000	--
	03/09/94	16.35	22.91	0.00	120,000	4,500	8,300	5,600	28,000	--
	06/09/94	16.60	22.66	0.00	120,000[4]	3,300	6,100	5,200	26,000	--
	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	--

Table 1

Groundwater Monitoring Data and Analytical Results

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

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-3	03/09/95	15.20	24.06	0.00	100,000	2,300	3,300	4,800	21,000	54,000
(cont)	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**
U-4	08/23/90	--	--	--	ND	ND	1.0	ND	1.8	--
	12/05/90	--	--	--	ND	ND	ND	ND	ND	--
	01/18/91	--	--	--	ND	ND	ND	ND	ND	--
	03/04/91	--	--	--	ND	ND	ND	ND	ND	--
	06/03/91	--	--	--	ND	ND	ND	ND	ND	--
	09/19/91	--	--	--	ND	ND	ND	ND	ND	--
	12/04/91	--	--	--	ND	ND	ND	ND	ND	--
	03/05/92	--	--	--	ND	ND	ND	ND	ND	--
	04/07/92	--	--	--	ND	ND	ND	ND	ND	--
	08/06/92	--	--	--	ND	ND	ND	ND	ND	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

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

Table 1

Groundwater Monitoring Data and Analytical Results

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

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 10, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
TPH(G) = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion
ND = Not Detected
-- = Not Measured/Not Analyzed

* TOC elevations have been surveyed relative to mean sea level (msl). Prior to December 2, 1993, the DTW measurements were taken from the top of well covers.

** The P.V.C. 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.

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
-- = Not Analyzed
ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #5760

376 Lewelling Boulevard

San Lorenzo, California

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

EXPLANATIONS:

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

mg/L = milligrams per liter

-- = Not Measured

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, temperature, pH and electrical conductivity are measured. If purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. The measurements are taken a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Tosco Marketing Company, the purge water and decontamination water generated during sampling activities is transported to Tosco - San Francisco Area Refinery, located in Rodeo, California.

TOSCO (UNOCAL) SS #5760
SAN LORENZO, CA

MONITORING & SAMPLING
EVENT OF SEPTEMBER 18, 2000

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109

Address: 376 Lewelling Blvd. Date: 9-18-00

City: San Lorenzo Sampler: Joe

Well ID U-1 Well Condition: O.K

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

Total Depth 29.05 ft.

Depth to Water 16.72 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

12.33 X VF 0.38 = 4.69 X 3 (case volume) = Estimated Purge Volume: 15 (gal.)

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

Sampling Equipment: ~~Disposable Bailer~~; ~~Bailer~~; Pressure Bailer; Grab Sample; Other:

Starting Time: 12:42 Weather Conditions: Hot

Sampling Time: 1:05 p.m. Water Color: clear Odor: Mild

Purging Flow Rate: 1 gpm. Sediment Description: none

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:50	5	7.47	5.96	73.8			
12:52	10	7.37	5.91	73.5			
12:55	15	7.42	5.92	73.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-1	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #: 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID: U-2 Well Condition: O.K
Well Diameter: 3 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Total Depth: 29.88 ft.
Depth to Water: 17.55 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

_____ 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: Hot
Sampling Time: _____ Water Color: clear Odor: _____
Purging Flow Rate: _____ gpm Sediment Description: None
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: W only

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID U-3 Well Condition: O.K
Well Diameter 3 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Total Depth 24.80 ft.
Depth to Water 16.12 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

8.68 x VF 0.38 = 3.30 X 3 (case volume) = Estimated Purge Volume: 10 (gal.)

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

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

Starting Time: 1:15 Weather Conditions: Hot
Sampling Time: 1:35 PM Water Color: clear Odor: Some
Purging Flow Rate: 1 gpm Sediment Description: None
Did well de-water? Yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:22	3.5	7.76	4.37	74.2			
1:23	5.5	7.51	4.51	74.1			
1:25	10	7.46	4.46	74.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-3	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID U-4 Well Condition: O.K
Well Diameter 3 in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Total Depth 27.85 ft.
Depth to Water 16.88 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

_____ 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: Hot
Sampling Time: _____ Water Color: clear Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: none
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: Monthly

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID U-5 Well Condition: O.K
Well Diameter 2 in Hydrocarbon Thickness: 0 in Amount Bailed (product/water): 0 (gal.)
Total Depth 28.45 ft
Depth to Water 16.17 ft

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

_____ 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: Hot
Sampling Time: _____ Water Color: clear Odor: _____
Purging Flow Rate: _____ gpm Sediment Description: none
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: M. only

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # 5760

Job#: 180109

Address: 376 Lewelling Blvd.

Date: 9-18-00

City: San Lorenzo

Sampler: Joe

Well ID: U-6

Well Condition: O.K

Well Diameter: ______ in.

Hydrocarbon Thickness: 0 in.

Amount Bailed (product/water): 0 (gal.)

Total Depth: ______ ft.

Depth to Water: ______ ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.50

______ 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: Hot

Sampling Time: ______

Water Color: clear

Odor: ______

Purging Flow Rate: ______ gpm.

Sediment Description: none

Did well de-water? ______

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: Paved - over

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility #: 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID: U-7 Well Condition: O.K
Well Diameter: ___ in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Total Depth: ___ ft.
Depth to Water: ___ ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

___ 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: Hot
Sampling Time: ___ Water Color: clear Odor: ___
Purging Flow Rate: ___ gpm. Sediment Description: None
Did well de-water? ___ If yes; Time: ___ Volume: ___ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X 100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: Moved over

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID U-8 Well Condition: O.K
Well Diameter 2 in Hydrocarbon Thickness: 0 in Amount Bailed (product/water): 0 (gal.)
Total Depth 29.85 ±
Depth to Water 15.31 ±

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

_____ 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: Hot
Sampling Time: _____ Water Color: clear Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: none
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

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

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS: M. only

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5760 Job#: 180109
Address: 376 Lewelling Blvd. Date: 9-18-00
City: San Lorenzo Sampler: Joe

Well ID U-9 Well Condition: O.K

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

Total Depth 28.20 ft.

Depth to Water 14.87 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.50	

13.33 x VF 0.17 = 2.26 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: 12:00 Weather Conditions: Hot
Sampling Time: 12:30 P.M Water Color: clear Odor: none
Purging Flow Rate: 1 gpm Sediment Description: None
Did well de-water? Yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X 100	Temperature F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:10	2.5	7.66	8.17	75.1			
2:11	5	7.56	8.22	74.2			
2:13	7.5	7.54	8.25	74.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-9	3 VOA	Y	HCL	Sequoia	TPHG, BTEX, MTBE

COMMENTS:

TOSCO

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

Facility Number UNOCAL SS#5760 / 2009128
Facility Address 376 Lewelling Blvd. San Lorenzo CA
Consultant Project Number 180109.85
Consultant Name Gettler-Ryan Inc. (G-R Inc.)
Address 6747 Sierra Court, Suite J, Dublin, CA 94568
Project Contact (Name) Deanna L. Harding
(Phone) 510-551-7555 (Fax Number) 510-551-7888

Contact (Name) MR. DAVID DEWITT
(Phone) (925) 277-2384
Laboratory Name Sequoia Analytical
Laboratory Release Number
Samples Collected by (Name) JOE AJEMIAN
Collection Date 9-18-00
Signature Joe Ajemian

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: TPH Gas + BTEX w/MTBE (8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)					DO NOT BILL TB-LB ANALYSIS Remarks
TB-LB		1 VOA	W	G	—	HCL	Y	✓												
U-1		3 VOA	/	/	1:05	/	/	✓												
U-3		"	/	/	1:35	/	/	✓												
U-9		"	/	/	12:30	/	/	✓												

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	G-R Inc.	9-18-00 3:00 P.M.	[signature]	Sequoia 9/18/2000	9/18/2000 15:00
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Received By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

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

Sequoia Analytical

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

October 2, 2000

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

RE: Tosco(4)/L009128

Dear Deanna Harding

Enclosed are the results of analyses for sample(s) received by the laboratory on September 18, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard Yee
for
Latonya Pelt
Project Manager

CA ELAP Certificate Number I2360

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1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9300
FAX (650) 232-9612
www.sequoialabs.com

Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 9/18/00
6747 Sierra Court, Suite J	Project Number:	Unocal SS#5760	Received: 9/18/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 10/2/00

ANALYTICAL REPORT FOR L009128

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
TB-LB	L009128-01	Water	9/18/00
U-1	L009128-02	Water	9/18/00
U-3	L009128-03	Water	9/18/00
U-9	L009128-04	Water	9/18/00

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.

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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 9/18/00
6747 Sierra Court, Suite J	Project Number:	Unocal SS#5760	Received: 9/18/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 10/2/00

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
TB-LB			**L009128-01**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090145	9/29/00	9/29/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.2*	%	
U-1			**L009128-02**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090144	9/29/00	9/29/00		100	**647**	ug/l	1
Benzene	"	"	"		1.00	**6.44**	"	
Toluene	"	"	"		1.00	ND	"	
Ethylbenzene	"	"	"		1.00	**22.3**	"	
Xylenes (total)	"	"	"		1.00	**6.86**	"	
Methyl tert-butyl ether	"	"	"		10.0	**22.2**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*113*	%	
U-3			**L009128-03**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090145	9/29/00	9/29/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*90.4*	%	
U-9			**L009128-04**				**Water**	
Purgeable Hydrocarbons as Gasoline	0090145	9/29/00	9/29/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**1.42**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	**1.06**	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*86.2*	%	

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1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612
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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 9/18/00
6747 Sierra Court, Suite J	Project Number:	Unocal SS#5760	Received: 9/18/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 10/2/00

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0090144	**Date Prepared: 9/29/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0090144-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/29/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*12.2*	"	*70.0-130*	*122*			
LCS	**0090144-BS1**									
Benzene	9/29/00	10.0		11.4	ug/l	70.0-130	114			
Toluene	"	10.0		11.2	"	70.0-130	112			
Ethylbenzene	"	10.0		11.0	"	70.0-130	110			
Xylenes (total)	"	30.0		33.4	"	70.0-130	111			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.7*	"	*70.0-130*	*107*			
LCS	**0090144-BS2**									
Purgeable Hydrocarbons as Gasoline	9/29/00	250		223	ug/l	70.0-130	89.2			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.9*	"	*70.0-130*	*109*			
Matrix Spike	**0090144-MS1**		**L009121-02**							
Purgeable Hydrocarbons as Gasoline	9/29/00	250	ND	205	ug/l	60.0-140	**82.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.0*	"	*70.0-130*	*110*			
Matrix Spike Dup	**0090144-MSD1**		**L009121-02**							
Purgeable Hydrocarbons as Gasoline	9/29/00	250	ND	233	ug/l	60.0-140	**93.2**	25.0	**12.8**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70.0-130*	*103*			
Batch: 0090145	**Date Prepared: 9/29/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0090145-BLK1**									
Purgeable Hydrocarbons as Gasoline	9/29/00			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70.0-130*	*104*			
LCS	**0090145-BS1**									
Benzene	9/29/00	10.0		8.41	ug/l	70.0-130	84.1			
Toluene	"	10.0		8.02	"	70.0-130	80.2			

Sequoia Analytical

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

Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 9/18/00
6747 Sierra Court, Suite J	Project Number:	Unocal SS#5760	Received: 9/18/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 10/2/00

Notes and Definitions

#	Note
1	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
Recov.	Recovery
RPD	Relative Percent Difference

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San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612
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Gettler-Ryan/Geostrategies(1)	Project:	Tosco(4)	Sampled: 9/18/00
6747 Sierra Court, Suite J	Project Number:	Unocal SS#5760	Received: 9/18/00
Dublin, CA 94568	Project Manager:	Deanna Harding	Reported: 10/2/00

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0090145-BS1**									
Ethylbenzene	9/29/00	10.0		8.27	ug/l	70.0-130	82.7			
Xylenes (total)	"	30.0		25.3	"	70.0-130	84.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.86*	"	*70.0-130*	*98.6*			
LCS	**0090145-BS2**									
Purgeable Hydrocarbons as Gasoline	9/29/00	250		227	ug/l	70.0-130	90.8			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.07*	"	*70.0-130*	*90.7*			
Matrix Spike	**0090145-MS1**		**L009127-05**							
Purgeable Hydrocarbons as Gasoline	9/29/00	250	ND	238	ug/l	60.0-140	**95.2**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70.0-130*	*103*			
Matrix Spike Dup	**0090145-MSD1**		**L009127-05**							
Purgeable Hydrocarbons as Gasoline	9/29/00	250	ND	236	ug/l	60.0-140	**94.4**	25.0	**0.844**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			

TOSCO (UNOCAL) SS #5760
SAN LORENZO, CA

MONITORING & SAMPLING
EVENT OF OCTOBER 13, 2000

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/
Facility: UNOCAL SS # 5760 (TOSCO) Job#: 180109

Address: 376 LEWELLING BLVD. Date: 10-13-00

City: SAN LORENZO, CA Sampler: STEVE BALIAN

Well ID: U-1 Well Condition: O.K

Well Diameter: 3" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth: 29.05 ft.

Depth to Water: 16.85 ft.

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

12.20 x VF 0.38 = 4.64 x 3 (case volume) = Estimated Purge Volume: 13.91 (gal.)

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

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

Starting Time: 14:05 Weather Conditions: SUNNY

Sampling Time: 14:30 Water Color: CLEAR Odor: —

Purging Flow Rate: 1 gpm. Sediment Description: _____

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F or C°	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
14:09	5	6.92	480	23.0			
14:13	9.5	6.89	424	22.4			
14:18	14	6.94	416	22.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-1	5-VOA'S	Y	HCl	SEQUOIA	~~TPH(G/BTEX/mtbe~~ 5-OXY'S 1,2DCA & EDB

COMMENTS: _____

TOSCO

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

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

Contact (Name): MR. DAVID DEWITT
(Phone): (925) 277-238
Laboratory Name: Sequoia Analytical W010336
Laboratory Release Number:
Samples Collected by (Name): STEVE BALIAN
Collection Date: 10-13-00
Signature: STEVE BALIAN [signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	TPH Gas + BTEX w/MTBE (8015)(8020)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	(5) OXYS w/ 1,2 DCA/EDB					Remarks: DO NOT BILL TB-LB ANALYSIS
TB-LB	01A	1	W	G		HCl	Y	X													
U-1	02A-E	5	"	"	14:3?	"	Y									X					* 5 DAY TAT !!

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
STEVE BALIAN [signature]	G-R Inc.	10-13-00 17:55			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			Ronald C Jensen WC		10/13/00 17:55

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

Sequoia
Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

20 October, 2000

Deanna L. Harding
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Unocal
Sequoia Report: W010336

Enclosed are the results of analyses for samples received by the laboratory on 13-Oct-00 17:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Gettler Ryan, Inc. - Dublin	Project: Unocal	
6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W010336-01	Water	13-Oct-00 00:00	13-Oct-00 17:55
U-1	W010336-02	Water	13-Oct-00 14:30	13-Oct-00 17:55

Sequoia Analytical - Walnut Creek

Charlie Westwater, 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.

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Unocal	
6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (W010336-01) Water Sampled: 13-Oct-00 00:00 Received: 13-Oct-00 17:55									
Purgeable Hydrocarbons	ND	50	ug/l	1	0J18003	18-Oct-00	18-Oct-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.3 %*		*70-130*	"	"	"	"	

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Sequoia Analytical

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

Gettler Ryan, Inc. - Dublin	Project: Unocal	
6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-1 (W010336-02) Water Sampled: 13-Oct-00 14:30 Received: 13-Oct-00 17:55									
Ethanol	ND	500	ug/l	1	0J19027	19-Oct-00	19-Oct-00	EPA 8260B	
tert-Butyl alcohol	ND	50	"	"	"	"	"	"	
Methyl tert-butyl ether	**29**	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*50-150*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*		*50-150*	"	"	"	"	

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6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

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

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J18003 - EPA 5030B [P/T]										
Blank (0J18003-BLK1)				Prepared & Analyzed: 18-Oct-00						
Purgeable Hydrocarbons	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	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*30.2*		"	*30.0*		*101*	*70-130*			
LCS (0J18003-BS1)				Prepared & Analyzed: 18-Oct-00						
Benzene	18.3	0.50	ug/l	20.0		91.5	70-130			
Toluene	18.7	0.50	"	20.0		93.5	70-130			
Ethylbenzene	19.0	0.50	"	20.0		95.0	70-130			
Xylenes (total)	54.8	0.50	"	60.0		91.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.3*		"	*30.0*		*91.0*	*70-130*			
Matrix Spike (0J18003-MS1)		**Source: W010128-02**		Prepared & Analyzed: 18-Oct-00						
Benzene	18.7	0.50	ug/l	20.0	ND	93.5	70-130			
Toluene	19.0	0.50	"	20.0	ND	95.0	70-130			
Ethylbenzene	19.4	0.50	"	20.0	ND	97.0	70-130			
Xylenes (total)	56.1	0.50	"	60.0	ND	93.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.3*		"	*30.0*		*91.0*	*70-130*			
Matrix Spike Dup (0J18003-MSD1)		**Source: W010128-02**		Prepared & Analyzed: 18-Oct-00						
Benzene	19.4	0.50	ug/l	20.0	ND	97.0	70-130	3.67	20	
Toluene	19.9	0.50	"	20.0	ND	99.5	70-130	4.63	20	
Ethylbenzene	19.8	0.50	"	20.0	ND	99.0	70-130	2.04	20	
Xylenes (total)	56.0	0.50	"	60.0	ND	93.3	70-130	0.178	20	
Surrogate: a,a,a-Trifluorotoluene	*28.0*		"	*30.0*		*93.3*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Unocal	
6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0J19027 - EPA 5030B [P/T]										
Blank (0J19027-BLK1)				Prepared & Analyzed: 19-Oct-00						
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	50	"							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
Ethylene dibromide	ND	2.0	"							
Surrogate: Dibromofluoromethane	*51.0*		"	*50.0*		*102*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*50.0*		"	*50.0*		*100*	*50-150*			
LCS (0J19027-BS1)				Prepared & Analyzed: 19-Oct-00						
Methyl tert-butyl ether	43.9	2.0	ug/l	50.0		87.8	70-130			
Surrogate: Dibromofluoromethane	*49.0*		"	*50.0*		*98.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*48.0*		"	*50.0*		*96.0*	*50-150*			
Matrix Spike (0J19027-MS1)	**Source: W010225-02**			Prepared & Analyzed: 19-Oct-00						
Methyl tert-butyl ether	45.9	2.0	ug/l	50.0	ND	91.8	60-150			
Surrogate: Dibromofluoromethane	*49.0*		"	*50.0*		*98.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*48.0*		"	*50.0*		*96.0*	*50-150*			
Matrix Spike Dup (0J19027-MSD1)	**Source: W010225-02**			Prepared & Analyzed: 19-Oct-00						
Methyl tert-butyl ether	51.4	2.0	ug/l	50.0	ND	103	60-150	11.3	25	
Surrogate: Dibromofluoromethane	*49.0*		"	*50.0*		*98.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*48.0*		"	*50.0*		*96.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Unocal	
6747 Sierra Court Suite J	Project Number: Unocal # 5760	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	20-Oct-00 15:24

Notes and Definitions

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

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