GETTLER-RYAN INC.

April 18, 2001
G-R Job #180061

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

RE: First Quarter Event of March 7, 2001
Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, 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 any wells. Static water level data and groundwater elevations are summarized in Table 1. Dissolved Oxygen Concentrations are summarized in Table 4. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by 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, 2 and 3. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

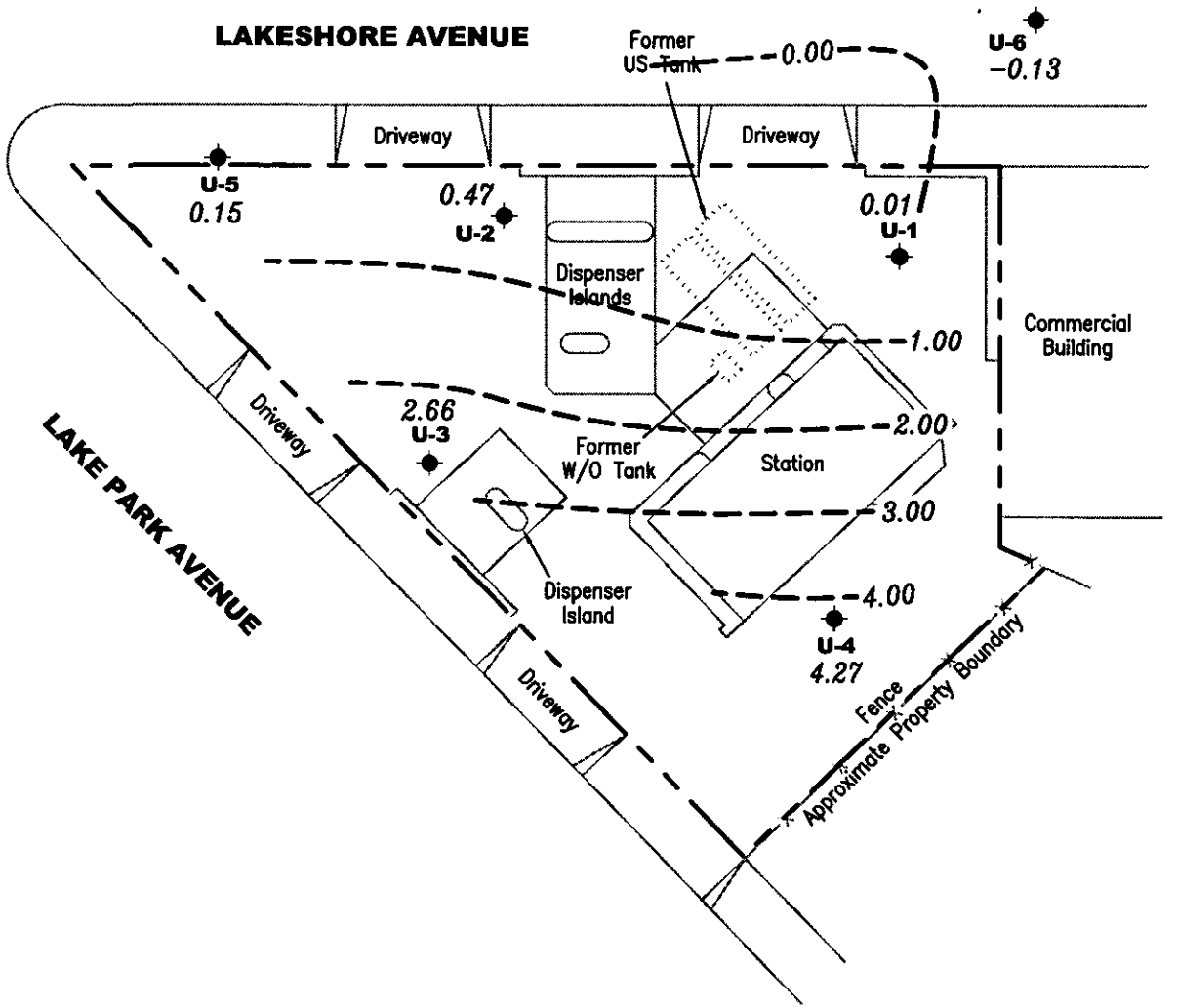
Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results – Oxygenate Compounds
Table 3: Groundwater Analytical Results
Table 4: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

5325.qml



EXPLANATION

- Groundwater monitoring well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 — Groundwater elevation contour, dashed where inferred.

Approximate groundwater flow direction at a gradient of 0.02 to 0.4 Ft./Ft.

N

0 40

Scale in Feet

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

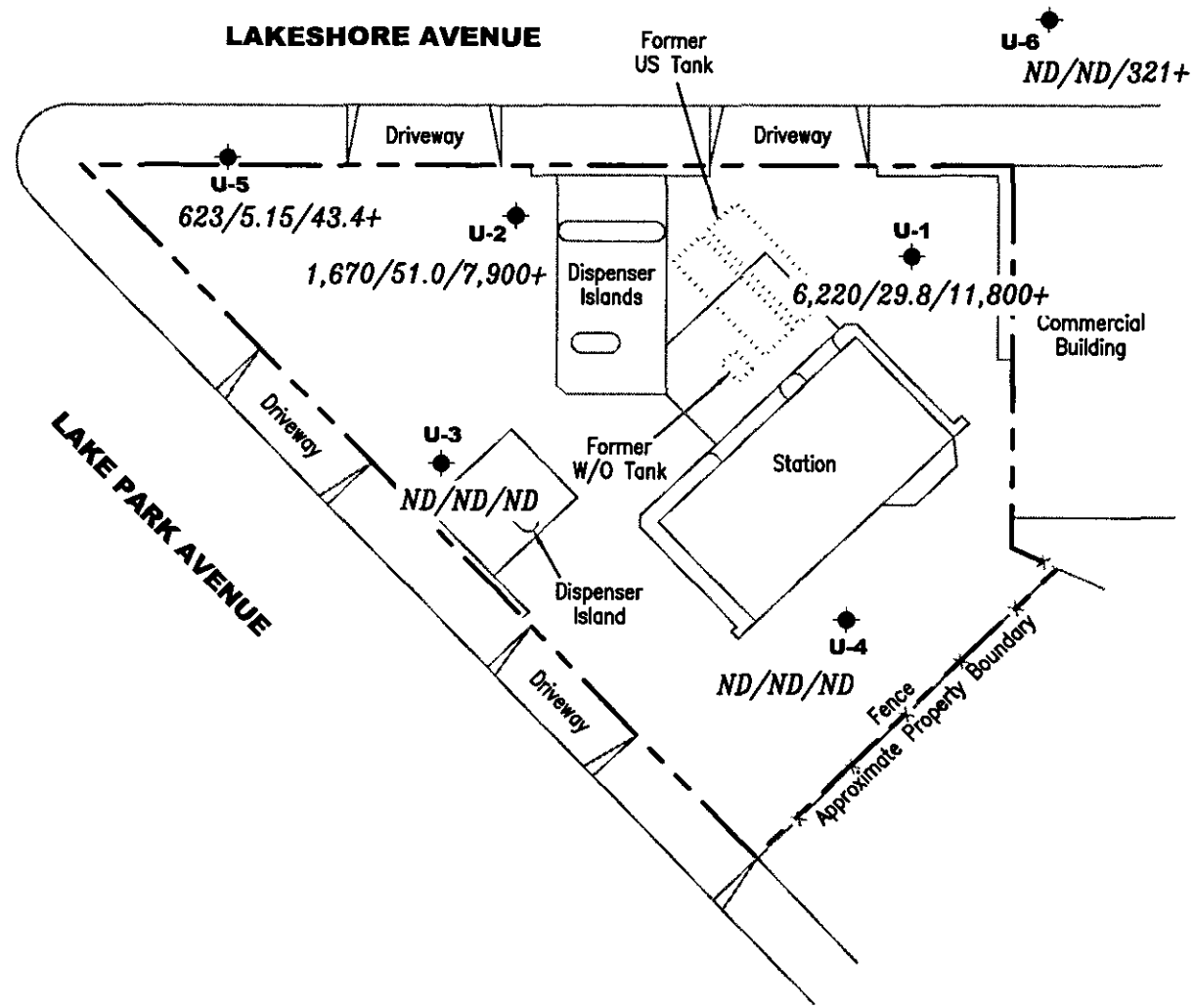
GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180061		March 7, 2001	

FILE NAME: P:\ENVIRO\TOSCO\5325\Q01-5325.DWG | Layout Tab: Pot1



EXPLANATION

◆	Groundwater monitoring well
A/B/C	TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/ Benzene/MTBE concentrations in ppb
ND	Not Detected
+	MTBE by EPA Method 8260

N

0 40

Scale in Feet

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

GETTLER - RYAN INC.
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Dublin, CA 94568 (925) 551-7555

CONCENTRATION MAP
Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180061		March 7, 2001	

FILE NAME: P:\ENVIRO\TOSCO\5325\001-5325.DWG | Layout Tab: Con1

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	08/10/90	--	--	--	690	38	75	8.6	130	--
	01/07/91	--	--	--	250	22	16	4.2	17	--
	04/01/91	--	--	--	160	13	8.6	1.0	15	--
	07/03/91	--	--	--	140	21	4.3	0.36	17	--
	10/09/91	--	--	--	ND	ND	ND	ND	ND	--
	02/12/92	--	--	--	250	ND	ND	ND	ND	--
	05/05/92	--	--	--	230	1.2	ND	ND	ND	--
	06/11/92	--	--	--	1,000	80	1.4	6.7	41	--
	08/20/92	--	--	--	400[1]	1.0	ND	ND	0.6	--
	02/22/93	--	--	--	34,000	1,400	5,500	910	7,300	--
	05/07/93	--	--	--	8,700	600	240	650	3,300	--
	08/08/93	--	--	--	4,900[2]	79	ND	832	270	--
5.32	11/16/93	8.61	-3.29	0.00	690[3]	ND	ND	ND	ND	--
	02/16/94	8.54	-3.22	0.00	6,800[4]	ND	ND	ND	ND	--
8.46	06/22/94	8.39	0.07	0.00	200	ND	ND	5.9	21	--
	09/22/94	8.66	-0.20	0.00	6,100[3]	ND	ND	ND	ND	--
	12/24/94	8.04	0.42	0.00	50,000	2,500	9,700	2,400	17,000	--
	03/25/95	7.72	1.02**	0.37	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	06/21/95	9.30	-0.69**	0.20	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	09/19/95	9.29	-0.53**	0.40	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	12/19/95	8.98	-0.50**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	03/18/96	8.25	0.21	0.00	27,000	ND	2,300	1,400	11,000	4,900
	06/27/96	7.92	0.54	<0.01	120,000	540	4,300	2,600	26,000	ND
	09/26/96	9.10	-0.62**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	12/09/96	6.88	1.60**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	03/14/97	9.02	-0.15**	0.55	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	06/30/97	8.41	0.07**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	09/19/97	8.56	-0.08**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	12/12/97	8.58	-0.11**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	03/03/98[17]	8.23	0.26**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	06/15/98	8.37	0.09	Sheen	52,000	ND[7]	900	1,800	13,000	ND[7]

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-1	09/30/98	8.94	-0.48	Sheen	1,000,000[8]	ND[7]	2,600	13,000	83,000	4,800
(cont)	12/28/98	8.57	-0.11	<0.01	1,100,000[9]	ND[7]	1,600	8,600	71,000	5,700
	03/22/99	8.18	0.28	Sheen	130,000	470	1,100	2,000	28,000	5,700
	06/09/99	9.37	-0.91	0.00	40,000	230	640	590	13,000	3,500/2,100[16]
	09/08/99	9.53	-1.07	0.00	55,000[11]	217	202	745	14,300	6,890/6,690[10]
	12/07/99	9.67	-1.21	0.00	41,200[13]	89.3	ND[7]	385	6,930	15,800/14,700[12]
	03/13/00	8.44	0.02	0.00	48,000[11]	490	610	2,400	10,000	22,000/23,000[10]
	06/21/00	9.45	-0.99	0.00	37,000[11]	200	ND[7]	1,200	7,200	15,000/20,000[10]
	09/27/00	9.29	-0.83	0.00	15,000[11]	92	ND[7]	540	2,800	74,000/83,000[15]
	12/12/00	9.37	-0.91	0.00	50,000[16]	ND[7]	ND[7]	250	1,900	12,000/15,000[12]
	03/07/01	**8.45**	**0.01**	**0.00**	**6,220[13]**	**29.8**	**10.4**	**96.3**	**638**	**11,200/11,800[10]**
U-2	08/10/90	--	--	--	780	27	46	15	130	--
	01/07/91	--	--	--	1,900	67	5.8	58	69	--
	04/01/91	--	--	--	1,700	250	89	34	190	--
	07/03/91	--	--	--	2,100	150	25	3.1	290	--
	10/09/91	--	--	--	230	7.1	ND	ND	11	--
	02/12/92	--	--	--	410	1.9	ND	0.36	0.4	--
	05/05/92	--	--	--	1,600	120	52	6.2	290	--
	06/11/92	--	--	--	620	17	2.1	ND	37	--
	08/20/92	--	--	--	700	28	6.5	1.3	4.6	--
	02/22/93	--	--	--	3,400	2,400	2,100	1,200	5,800	--
	05/07/93	--	--	--	17,000	1,800	660	1,700	4,000	--
	08/08/93	--	--	--	5,600[2]	420	ND	410	670	--
4.53	11/16/93	8.17	-3.64	0.00	510[3]	ND	ND	ND	ND	--
	02/16/94	7.73	-3.20	0.00	980[4]	49	13	2.7	40	--
7.62	06/22/94	7.60	0.02	0.00	31,000	2,200	62	1,500	3,500	--
	09/22/94	7.93	-0.31	0.00	8,500[3]	29	ND	ND	ND	--
	12/24/94	7.27	0.35	0.00	32,000	1,500	890	1,300	5,000	--
	03/25/95	7.01	0.61	0.00	170,000	1,900	21,000	4,800	33,000	--

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Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-2	06/21/95	6.98	0.64	0.00	16,000	2,100	ND	1,800	1,700	--
(cont)	09/19/95	7.70	-0.08	0.00	3,000	610	ND	78	240	--[5]
	12/19/95	7.30	0.32	0.00	1,600	140	55	52	270	--[6]
	03/18/96	6.45	1.17	0.00	12,000	2,200	ND	1,200	2,200	22,000
	06/27/96	7.41	0.21	0.00	28,000	3,400	ND	2,800	3,100	3,000
	09/26/96	7.90	-0.28	0.00	5,900	750	ND	ND	ND	18,000
	12/09/96	6.76	0.86	0.00	13,000	5,100	290	980	370	2,700
	03/14/97	7.12	0.52**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	06/30/97	6.19	1.43	<0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	09/19/97	7.31	0.31	<0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	12/12/97	6.75	0.88**	<0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
	03/03/98	6.36	1.26	Sheen	80,000	3,000	1,100	820	16,000	16,000
	06/15/98	6.51	1.11	Sheen	48,000	1,800	330	470	7,900	20,000
	09/30/98	7.17	0.45	Sheen	60,000	1,300	ND[7]	500	9,700	19,000
	12/28/98	7.06	0.56	0.00	63,000	590	160	320	5,600	16,000
	03/22/99	6.82	0.80	0.00	28,000	1,100	ND[7]	360	2,900	25,000
	06/09/99	7.51	0.11	0.00	21,000	110	190	310	2,600	7,900/7,800[10]
	09/08/99	8.16	-0.54	0.00	23,300[11]	477	138	286	4,110	16,400/15,300[10]
	12/07/99	8.31	-0.69	0.00	4,840[13]	17.2	ND[7]	ND[7]	157	14,900/15,600[12]
	03/13/00	6.69	0.93	0.00	11,000[11]	380	160	ND[7]	2,100	22,000/26,000[10]
	06/21/00	7.67	-0.05	0.00	9,100[11]	22	ND[7]	ND[7]	800	16,000/22,000[10]
	09/27/00	7.44	0.18	0.00	2,900[11]	43	ND[7]	ND[7]	39	20,000/26,000[15]
	12/12/00	7.51	0.11	0.00	3,600[11]	17	ND[7]	ND[7]	87	8,000/7,800[12]
	03/07/01	**7.15**	**0.47**	**0.00**	**1,670[13]**	**51.0**	**ND[7]**	**7.20**	**19.5**	**5,930/7,900[10]**
U-3	08/10/90	--	--	--	ND	ND	ND	ND	ND	--
	01/07/91	--	--	--	ND	ND	ND	ND	1.8	--
	04/01/91	--	--	--	ND	1.0	2.9	0.53	5.4	--
	07/03/91	--	--	--	ND	ND	ND	ND	ND	--
	10/09/91	--	--	--	ND	ND	ND	ND	ND	--

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Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-3	02/12/92	--	--	--	ND	ND	ND	ND	ND	--
(cont)	05/05/92	--	--	--	ND	ND	ND	ND	ND	--
	06/11/92	--	--	--	ND	ND	ND	ND	ND	--
	08/20/92	--	--	--	ND	ND	ND	ND	ND	--
	02/22/93	--	--	--	ND	ND	ND	ND	ND	--
	05/07/93	--	--	--	ND	ND	ND	ND	ND	--
	08/08/93	--	--	--	210	5.0	9.7	0.7	4.1	--
7.86	11/16/93	11.82	-3.96	0.00	ND	ND	ND	ND	ND	--
	02/16/94	11.62	-3.76	0.00	ND	ND	ND	ND	ND	--
10.98	06/22/94	11.64	-0.66	0.00	ND	ND	ND	ND	ND	--
	09/22/94	11.76	-0.78	0.00	ND	ND	ND	ND	ND	--
	12/24/94	11.28	-0.30	0.00	ND	ND	ND	ND	ND	--
	03/25/95	10.96	0.02	0.00	ND	ND	ND	ND	ND	--
	06/21/95	11.37	-0.39	0.00	ND	ND	ND	ND	ND	--
	09/19/95	11.55	-0.57	0.00	ND	ND	ND	ND	ND	--[5]
	12/19/95	11.45	-0.47	0.00	ND	ND	ND	ND	ND	--
	03/18/96	11.10	-0.12	0.00	ND	ND	ND	ND	ND	--
	06/27/96	11.16	-0.18	0.00	440	49	50	51	140	50
	09/26/96	11.55	-0.57	0.00	ND	ND	ND	ND	ND	ND
	12/09/96	10.12	0.86	0.00	ND	ND	ND	ND	ND	29
	03/14/97	10.87	0.11	0.00	ND	ND	ND	ND	ND	ND
	06/30/97	11.08	-0.10	0.00	ND	ND	ND	ND	ND	ND
	09/19/97	11.05	-0.07	0.00	ND	ND	ND	ND	ND	ND
	12/12/97	10.58	0.40	0.00	ND	ND	ND	ND	ND	ND
	03/03/98	9.84	1.14	0.00	ND	ND	ND	ND	ND	ND
	06/15/98	10.56	0.42	0.00	ND	ND	ND	ND	ND	ND
	09/30/98	11.12	-0.14	0.00	ND	ND	ND	ND	ND	ND
	12/28/98	10.96	0.02	0.00	ND	ND	ND	ND	ND	ND
	03/22/99	9.46	1.52	0.00	ND	ND	ND	ND	ND	ND
	06/09/99	11.01	-0.03	0.00	ND	ND	ND	ND	ND	ND
	09/08/99	11.31	-0.33	0.00	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

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Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-3	12/07/99	11.26	-0.28	0.00	ND	ND	ND	ND	ND	ND
(cont)	03/13/00	8.28	2.70	0.00	ND	ND	ND	ND	ND	ND
	06/21/00	11.12	-0.14	0.00	ND	ND	ND	ND	ND	ND
	09/27/00	11.07	-0.09	0.00	ND	ND	ND	ND	ND	ND
	12/12/00	10.94	0.04	0.00	ND	ND	ND	ND	ND	ND
	03/07/01	**8.32**	**2.66**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
U-4										
11.15	06/22/94	10.16	0.99	0.00	ND	ND	ND	ND	ND	--
	09/22/94	10.79	0.36	0.00	ND	0.78	1.3	ND	1.4	--
	12/24/94	9.81	1.34	0.00	ND	ND	ND	ND	ND	--
	03/25/95	9.51	1.64	0.00	ND	ND	ND	ND	ND	--
	06/21/95	9.54	1.61	0.00	ND	ND	ND	ND	ND	--
	09/19/95	10.17	0.98	0.00	ND	ND	ND	ND	ND	--
	12/19/95	9.98	1.17	0.00	ND	ND	ND	ND	ND	--
	03/18/96	9.66	1.49	0.00	ND	ND	ND	ND	ND	--
	06/27/96	9.74	1.41	0.00	ND	ND	ND	ND	ND	ND
	09/26/96	10.14	1.01	0.00	ND	ND	ND	ND	ND	ND
	12/09/96	8.67	2.48	0.00	ND	ND	ND	ND	ND	33
	03/14/97	9.35	1.80	0.00	ND	ND	ND	ND	ND	ND
	06/30/97	9.89	1.26	0.00	ND	ND	ND	ND	ND	ND
	09/19/97	9.96	1.19	0.00	ND	ND	ND	ND	ND	ND
	12/12/97	8.56	2.59	0.00	ND	ND	ND	ND	ND	ND
	03/03/98	7.85	3.30	0.00	ND	ND	ND	ND	ND	ND
	06/15/98	9.08	2.07	0.00	ND	ND	ND	ND	ND	ND
	09/30/98	9.75	1.40	0.00	ND	ND	ND	ND	ND	ND
	12/28/98	9.59	1.56	0.00	ND	ND	ND	ND	ND	ND
	03/22/99	8.34	2.81	0.00	ND	ND	ND	ND	ND	ND
	06/09/99	9.39	1.76	0.00	ND	ND	ND	ND	ND	ND
	09/08/99	9.90	1.25	0.00	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-4	12/07/99	10.05	1.10	0.00	ND	ND	ND	ND	ND	ND
(cont)	03/13/00	7.24	3.91	0.00	ND	ND	ND	ND	ND	ND
	06/21/00	9.48	1.67	0.00	ND	ND	ND	ND	ND	ND
	09/27/00	9.42	1.73	0.00	ND	ND	ND	ND	ND	ND
	12/12/00	9.50	1.65	0.00	ND	ND	ND	ND	ND	ND
	03/07/01	**6.88**	**4.27**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
U-5										
6.98	06/22/94	6.83	0.15	0.00	210	7.1	13	4.5	26	--
	09/22/94	6.90	0.08	0.00	170	8.4	10	8.5	18	--
	12/24/94	6.43	0.55	0.00	8,700	560	70	670	430	--
	03/25/95	6.35	0.63	0.00	44,000	390	960	1,500	7,600	--
	06/21/95	7.11	-0.13	0.00	400	2.3	ND	9.1	3.5	--
	09/19/95	6.99	-0.01	0.00	850	14	7.1	13	66	--[5]
	12/19/95	7.17	-0.19	0.00	ND	ND	ND	ND	ND	--
	03/18/96	6.65	0.33	0.00	100	0.67	0.5	0.51	5.4	--
	06/27/96	6.49	0.49	0.00	16,000	280	150	1,400	4,600	530
	09/26/96	7.13	-0.15	0.00	ND	ND	0.57	ND	0.96	ND
	12/09/96	5.90	1.08	0.00	1,300	29	46	ND	140	97
	03/14/97	6.99	-0.01	0.00	ND	ND	ND	ND	ND	14
	06/30/97	7.08	-0.10	0.00	4,200	74	51	180	980	270
	09/19/97	6.78	0.20	0.00	6,300	160	13	370	1000	480
	12/12/97	6.94	0.04	0.00	60	1.3	ND	1.6	2.1	47
	03/03/98	6.50	0.48	0.00	1,700	29	ND[7]	150	190	330
	06/15/98	6.85	0.13	0.00	1,500	32	ND[7]	91	83	330
	09/30/98	7.31	-0.33	0.00	1,700	44	ND[7]	39	150	60
	12/28/98	7.25	-0.27	0.00	1,400	59	ND[7]	13	27	150
	03/22/99	6.86	0.12	0.00	780	8.9	ND	0.76	4.5	350
	06/09/99	7.28	-0.30	0.00	1,000	ND[7]	ND[7]	10	35	280/350[10]
	09/08/99	7.52	-0.54	0.00	2,620[11]	26.2	ND[7]	32.2	157	280/239[12]

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-5	12/07/99	7.67	-0.69	0.00	949[11]	9.26	ND[7]	11.2	22.7	235/301[12]
(cont)	03/13/00	6.73	0.25	0.00	880[14]	12	1.0	5.6	8.7	46/37[10]
	06/21/00	7.39	-0.41	0.00	700[11]	4.0	ND	0.99	4.0	120/140[10]
	09/27/00	7.45	-0.47	0.00	400[11]	1.9	ND	ND	1.5	160/250[15]
	12/12/00	7.68	-0.70	0.00	770[11]	3.2	ND[7]	ND[7]	ND[7]	27/13[12]
	03/07/01	**6.83**	**0.15**	**0.00**	**623[13]**	**5.15**	**ND**	**ND**	**0.669**	**35.7/43.4[10]**
U-6										
7.14	06/22/94	7.14	0.00	0.00	ND	ND	ND	ND	ND	--
	09/22/94	7.34	-0.20	0.00	130	1.3	0.8	ND	0.73	--
	12/24/94	6.67	0.47	0.00	6,900	500	59	600	380	--
	03/25/95	6.29	0.85	0.00	47,000	450	1,300	1,700	8,200	--
	06/21/95	7.60	-0.46	0.00	ND	ND	ND	ND	ND	--
	09/19/95	7.70	-0.56	0.00	ND	ND	ND	ND	ND	--[5]
	12/19/95	7.75	-0.61	0.00	210	2.5	1.0	2.9	17	--
	03/18/96	6.86	0.28	0.00	ND	ND	ND	ND	ND	--
	06/27/96	6.52	0.62	0.00	ND	ND	ND	ND	ND	510
	09/26/96	7.62	-0.48	0.00	ND	ND	ND	ND	ND	1,400
	12/09/96	5.88	1.26	0.00	1,200	29	48	6.4	140	58
	03/14/97	7.30	-0.16	0.00	ND	ND	ND	ND	ND	1,500
	06/30/97	7.35	-0.21	0.00	ND	ND	ND	ND	ND	990
	09/19/97	7.25	-0.11	0.00	ND	ND	ND	ND	ND	1,400
	12/12/97	7.29	-0.15	0.00	ND	ND	ND	ND	ND	680
	03/03/98	7.00	0.14	0.00	ND	ND	ND	ND	ND	1,600
	06/15/98	7.18	-0.04	0.00	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	1,000
	09/30/98	7.90	-0.76	0.00	ND	ND	ND	ND	ND	1,200
	12/28/98	7.79	-0.65	0.00	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	730
	03/22/99	7.47	-0.33	0.00	ND	ND	ND	ND	ND	1,800
	06/09/99	7.73	-0.59	0.00	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	1,000/850[10]
	09/08/99	7.95	-0.81	0.00	ND	ND	ND	ND	ND	851/1,040[10]

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID/ TOC*	DATE	DTW (ft.)	GWE (ft.)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
U-6	12/07/99	8.10	-0.96	0.00	ND	ND	ND	ND	ND	1,140/1,150[12]
(cont)	03/13/00	6.95	0.19	0.00	ND	ND	ND	ND	ND	560/670[10]
	06/21/00	7.84	-0.70	0.00	ND	ND	ND	ND	ND	400/590[10]
	09/27/00	7.68	-0.54	0.00	ND	ND	ND	ND	ND	2,500/2,800[15]
	12/12/00	7.74	-0.60	0.00	ND	ND	ND	ND	ND	590/580[12]
	03/0701	**7.27**	**-0.13**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**310/321[12]**
Trip Blank										
TB-LB	03/03/98	--	--	--	ND	ND	ND	ND	ND	ND
	06/15/98	--	--	--	ND	ND	ND	ND	ND	ND
	09/30/98	--	--	--	ND	ND	1.7	ND	2.2	ND
	12/28/98	--	--	--	ND	ND	0.71	ND	0.72	9.5
	03/22/99	--	--	--	ND	ND	ND	ND	ND	ND
	06/09/99	--	--	--	ND	ND	ND	ND	ND	ND
	09/08/99	--	--	--	ND	ND	ND	ND	ND	ND
	12/07/99	--	--	--	ND	ND	0.762	ND	ND	ND
	03/13/00	--	--	--	ND	ND	ND	ND	ND	ND
	06/21/00	--	--	--	ND	ND	ND	ND	ND	ND
	09/27/00	--	--	--	ND	ND	ND	ND	ND	ND
	12/12/00	--	--	--	ND	ND	ND	ND	ND	ND
	03/07/01	**--**	**--**	**--**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 3, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing	B = Benzene	(ppb) = Parts per billion
(ft.) = Feet	T = Toluene	ND = Not Detected
DTW = Depth to Water	E = Ethylbenzene	-- = Not Measured/Not Analyzed
GWE = Groundwater Elevation	X = Xylenes	
TPH-G = Total Petroleum Hydrocarbons as Gasoline	MTBE = Methyl tertiary butyl ether	

* TOC elevations are surveyed relative to City of Oakland Benchmark, at the northeasterly corner of Weller and Cheney Avenue (Elevation = 9.055 feet, city datum; add 3.00' to U.S.G.S. datum). Prior to November 16, 1993, the DTW measurements were taken from the well cover.

** Groundwater elevation corrected due to the presence of free product; correction factor = [(TOC-DTW)+(Product Thickness x 0.75)].

1 The positive result for gasoline does not appear to have a typical gasoline pattern.

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

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

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

5 Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.

6 Laboratory has identified the presence of MTBE at a level above or equal to the taste and odor threshold of 40 ppb in the sample collected from this well.

7 Detection limit raised. Refer to analytical reports.

8 Laboratory report indicates unidentified hydrocarbons C6-C12.

9 Laboratory report indicates gasoline and unidentified hydrocarbons >C8.

10 MTBE by EPA Method 8260.

11 Laboratory report indicates gasoline C6-C12.

12 MTBE by EPA Method 8260 analyzed past the recommended holding time.

13 Laboratory report indicates weathered gasoline C6-C12.

14 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.

15 Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

16 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C10.

17 Skimmer present in well.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
U-1	09/27/00[1]	--	ND[2]	83,000	ND[2]	ND[2]	ND[2]	ND[2]	ND[2]
	12/12/00	--	--	15,000[3]	--	--	--	--	--
	03/07/01	**ND[2]**	**ND[2]**	**11,800**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**
U-2	09/27/00	--	--	26,000[1]	--	--	--	--	--
	12/12/00	--	--	7,800[3]	--	--	--	--	--
	03/07/01	**ND[2]**	**ND[2]**	**7,900**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**
U-5	09/27/00	--	--	250[1]	--	--	--	--	--
	12/12/00	--	--	13[3]	--	--	--	--	--
	03/07/01	**ND**	**ND**	**43.4**	**ND**	**ND**	**ND**	**ND**	**ND**
U-6	09/27/00	--	--	2,800[1]	--	--	--	--	--
	12/12/00	--	--	580[3]	--	--	--	--	--
	03/07/01[3]	**ND[2]**	**ND[2]**	**321**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**	**ND[2]**

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, 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 = 1,2-Dibromoethane

(ppb) = Parts per billion

ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

[1] Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

[2] Detection limit raised. Refer to analytical reports.

[3] Laboratory report indicates sample was analyzed outside the EPA recommended holding time.

Table 3

Groundwater Analytical Results

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, California

WELL ID	DATE	Ferrous Iron *(ppm)*	Nitrate as NO3 *(ppm)*	Phosphate as PO4 *(ppm)*	Redox Potential *mV*
U-1	06/15/98	39	ND	ND	382[2]
	09/30/98	17	ND	ND	366[2]
	12/28/98	4.3	6.3	28	298[2]
	03/22/99	4.9	ND	3.5	320[3]
	06/09/99	1.2	ND	ND	260[3]
	09/08/99	1.80	ND[1]	ND[1]	85[3]
	12/07/99	5.70	ND[1]	17.0	404[3]
	03/13/00	8.0	0.18	ND	[2]117/262[3]
	06/21/00	9.3	ND[1]	ND[1]	148[2]
	09/27/00	2.8	ND[1]	18.4	119[2]
	12/12/00	0.49	ND[1]	16.0	131[2]
	03/07/01	**0.483**	**2.64**	**6.89**	**125[2]**
U-2	03/03/98	25	ND	ND	369[2]
	06/15/98	42	ND	ND	341[2]
	09/30/98	25	ND	ND	354[2]
	12/28/98	28	ND	ND	276[2]
	03/22/99	0.68	ND	2.3	320[3]
	06/09/99	0.50	ND	ND	290[3]
	09/08/99	1.90	ND[1]	ND[1]	235[3]
	12/07/99	0.250	ND[1]	ND[1]	389[3]
	03/13/00	4.3	0.31	ND	[2]121/184[3]
	06/21/00	0.26	ND[1]	ND[1]	136[2]
	09/27/00	0.64	ND[1]	10.5	142[2]
	12/12/00	2.7	ND[1]	ND[1]	155[2]
	03/07/01	**0.677**	**2.24**	**3.02**	**148[2]**
U-3	06/30/97	1.4	21	0.86	190[3]
	09/19/97	0.57	19	ND	75[3]
	12/12/97	1.9	23	0.85	390[3]
	03/03/98	0.013	36	ND	358[2]
	06/15/98	0.16	33	ND	318[2]
	09/30/98	0.040	31	ND	295[2]
	12/28/98	ND	29	ND	281[2]
	03/22/99	0.015	30	0.14	310[3]
	06/09/99	ND	26	1.2	350[3]
	09/08/99	ND	32.9	ND[1]	417[3]
	12/07/99	0.0520	27.9	ND[1]	437[3]
	03/13/00	0.15	33	ND	[2]226/307[3]
	06/21/00	0.20	32	ND[1]	225[2]
	09/27/00	ND	34	15.7	211[2]
	12/12/00	ND	31	ND[1]	246[2]
	03/07/01	**ND**	**36.5**	**0.443**	**251[2]**

Table 3

Groundwater Analytical Results

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, California

WELL ID	DATE	Ferrous Iron (ppm)	Nitrate as NO3 (ppm)	Phosphate as PO4 (ppm)	Redox Potential mV[4]
U-4	06/30/97	0.13	35	0.52	200[3]
	09/19/97	0.35	30	ND	45[3]
	12/12/97	0.68	31	0.73	380[3]
	03/03/98	0.018	3.2	ND	284[2]
	06/15/98	0.14	33	ND	256[2]
	09/30/98	0.049	31	ND	276[2]
	12/28/98	0.36	31	ND	280[2]
	03/22/99	ND	30	0.14	320[3]
	06/09/99	ND	35	0.91	340[3]
	09/08/99	ND	24	ND[1]	391[3]
	12/07/99	ND	27.7	ND[1]	478[3]
	03/13/00	ND	33	ND	[2]219/244[3]
	06/21/00	0.034	32	ND[1]	248[2]
	09/27/00	ND	28	ND[1]	198[2]
	12/12/00	ND	30	ND[1]	210[2]
	03/07/01	**ND**	**33.9**	**0.226**	**233[2]**
U-5	06/30/97	16	ND	ND	160[3]
	09/19/97	0.22	ND	ND	63[3]
	12/12/97	6.7	ND	ND	400[3]
	03/03/98	18	3.1	ND	345[2]
	06/15/98	17	ND	ND	333[2]
	09/30/98	17	ND	ND	318[2]
	12/28/98	17	6.6	ND	305[2]
	03/22/99	0.12	ND	2.4	340[3]
	06/09/99	0.23	ND	ND	320[3]
	09/08/99	2.10	ND[1]	ND[1]	335[3]
	12/07/99	0.310	ND[1]	ND[1]	408[3]
	03/13/00	0.33	0.16	ND	[2]111/264[3]
	06/21/00	0.15	ND[1]	ND[1]	159[2]
	09/27/00	0.33	ND[1]	ND[1]	136[2]
	12/12/00	0.086	ND[1]	ND[1]	122[2]
	03/07/01	**1.07**	**3.02**	**4.00**	**141[2]**
U-6	06/30/97	88	0.80	ND	190[3]
	09/19/97	2.9	1.80	ND	ND[3]
	12/12/97	51	ND	ND	380[3]
	03/03/98	60	3.5	ND	327[2]
	06/15/98	590	4.8	ND	315[2]
	09/30/98	33	ND	ND	345[2]
	12/28/98	83	7.2	ND	297[2]
	03/22/99	2.1	ND	0.98	330[3]
	06/09/99	0.47	0.20	ND	320[3]

Table 3

Groundwater Analytical Results

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, California

WELL ID	DATE	Ferrous Iron *(ppm)*	Nitrate as NO3 *(ppm)*	Phosphate as PO4 *(ppm)*	Redox Potential *mV*[4]
U-6	09/08/99	0.140	5.59	ND[1]	305[3]
(cont)	12/07/99	0.260	ND[1]	ND[1]	443[3]
	03/13/00	0.79	0.26	ND	[2]68/222[3]
	06/21/00	1.9	ND[1]	ND[1]	159[2]
	09/27/00	2.6	ND[1]	ND[1]	170[2]
	12/12/00	ND	2.7	ND[1]	128[2]
	03/07/01	**2.52**	**3.11**	**37.0**	**117[2]**

EXPLANATIONS:

Groundwater analytical results prior to March 3, 1998, were compiled from reports prepared by MPDS Services, Inc.

(ppm) = Parts per million

ND = Not Detected

mV = millivolts

-- = Not Analyzed

1 Detection limit raised. Refer to analytical reports.

2 Field measurement.

3 Analyzed by laboratory.

Table 4

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #5325

3220 Lakeshore Avenue

Oakland, California

WELL ID	DATE	Before Purge *(mg/L)*
U-1	12/07/99	1.36
	06/21/00	1.53
	09/27/00	1.63
	12/12/00	1.48
	03/07/01	**1.91**
U-2	12/07/99	2.28
	06/21/00	1.96
	09/27/00	2.12
	12/12/00	2.35
	03/07/01	**2.21**
U-3	06/30/97	4.1
	09/19/97	4.2
	12/12/97	2.97
	03/03/98	2.63
	06/15/98	2.93
	09/30/98	3.11
	12/28/98	3.59
	03/22/99	4.02
	06/09/99	3.70
	09/08/99	3.96
	12/07/99	4.21
	06/21/00	4.27
	09/27/00	4.67
	12/12/00	4.79
	03/07/01	**5.16**
U-4	06/30/97	5.4
	09/19/97	5.1
	12/12/97	3.11
	03/03/98	2.94
	06/15/98	3.08
	09/30/98	4.05
	12/28/98	4.57
	03/22/99	4.26
	06/09/99	3.61
	09/08/99	3.75
	12/07/99	4.03
	06/21/00	4.89
	09/27/00	5.09
	12/12/00	4.86
	03/07/01	**4.97**

Table 4

Dissolved Oxygen Concentrations

Tosco (Unocal) Service Station #5325
3220 Lakeshore Avenue
Oakland, California

WELL ID	DATE	Before Purge *(mg/L)*
U-5	06/30/97	3.4
	09/19/97	0.6
	12/12/97	1.75
	03/03/98	2.36
	06/15/98	2.55
	09/30/98	1.93
	12/28/98	1.64
	03/22/99	1.99
	06/09/99	2.10
	09/08/99	2.21
	12/07/99	2.66
	06/21/00	3.42
	09/27/00	3.85
	12/12/00	3.53
	03/07/01	**2.98**
U-6	06/30/97	0.30
	09/19/97	0.60
	12/12/97	2.70
	03/03/98	2.18
	06/15/98	2.48
	09/30/98	3.06
	12/28/98	3.42
	03/22/99	3.88
	06/09/99	3.29
	09/08/99	3.12
	12/07/99	3.44
	06/21/00	3.27
	09/27/00	3.49
	12/12/00	3.06
	03/07/01	**2.85**

EXPLANATIONS:

Dissolved oxygen concentrations prior to March 3, 1998, were compiled from reports prepared by MPDS Services, Inc.

(mg/L) = milligrams per liter

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

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

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

Total Depth 19.68 ft.

Depth to Water 8.45 ft.

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

11.23 X VF 0.38 = 4.27 X 3 (case volume) = Estimated Purge Volume: 13 (gal.)

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

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

Starting Time: 12:15 Weather Conditions: cloudy

Sampling Time: 12:37 PM Water Color: clear Odor: yes

Purging Flow Rate: 1 gpm Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity (@20°C) µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:22	4	7.17	1.27	69.2	1.91	125	
12:24	8	7.10	1.26	69.6			
12:26	13	7.16	1.30	69.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-1	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: No FP found in skimmer.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

Well ID U-2 Well Condition: O.k.

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

Total Depth 19.60 ft.

Depth to Water 7.15 ft.

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

12.45 X VF 0.38 = 4.73 X 3 (case volume) = Estimated Purge Volume: 14.5 (gal.)

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

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

Starting Time: 11:40 Weather Conditions: cloudy

Sampling Time: 12:05pm Water Color: clear Odor: yes

Purging Flow Rate: ____ gpm Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:50	5	7.37	3.14	71.1	2.21	148	
11:52	10	7.30	3.24	70.3			
11:55	14.5	7.25	3.26	70.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-2	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: ____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

Well ID U-3 Well Condition: O.K.

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

Total Depth 19.36 ft.

Depth to Water 8.32 ft.

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

11.04 X VF 0.38 = 4.20 X 3 (case volume) = Estimated Purge Volume: 13 (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ____

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

Starting Time: 9:00 Weather Conditions: cloudy

Sampling Time: 9:30 AM Water Color: clear Odor: none

Purging Flow Rate: 1 gpm Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:10	4	7.66	9.51	71.4	5.16	251	
9:12	8	7.60	9.37	70.7			
9:15	13	7.56	9.32	70.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-3	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: ____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

Well ID U-4 Well Condition: O.k.

Well Diameter 4 in. Hydrocarbon Thickness: ____ in. Amount Bailed (product/water): ____ (gal.)

Total Depth 20.15 ft.

Depth to Water 6.88 ft.

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

13.27 X VF 0.66 = 8.76 X 3 (case volume) = Estimated Purge Volume: 27 (gal.)

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

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

Starting Time: 9:40 Weather Conditions: cloudy

Sampling Time: 10:08 A.M. Water Color: clear Odor: none

Purging Flow Rate: 2 gpm Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:50	9	7.51	10.36	69.2	4.97	233	
9:54	18	7.44	10.45	69.8			
9:58	27	7.39	10.49	69.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-4	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: ____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

Well ID U-5 Well Condition: O.K.

Well Diameter 4 in. Hydrocarbon Thickness: ____ in. Amount Bailed (product/water): ____ (gal.)

Total Depth 20.05 ft.

Depth to Water 6.83 ft.

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

13.22 x VF 0.66 = 8.73 X 3 (case volume) = Estimated Purge Volume: 27 (gal.)

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

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

Starting Time: 11:05 Weather Conditions: cloudy

Sampling Time: 11:36 A.M Water Color: clear Odor: yes

Purging Flow Rate: 2 gpm Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity (mmhos/cm)	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:15	9	7.50	4.61	69.9	2.98	141	
11:19	18	7.40	4.66	70.4			
11:23	27	7.27	4.63	70.8			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-5	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: ____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/
Facility # 5325 Job#: 180061

Address: 3220 Lakeshore Ave. Date: 3-7-01

City: Oakland Sampler: Joe

Well ID U-6 Well Condition: O.k.

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

Total Depth 23.78 ft.

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

Depth to Water 7.27 ft.

16.51 x VF 0.17 = 2.81 X 3 (case volume) = Estimated Purge Volume: 9 (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ____

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

Starting Time: 10:25 Weather Conditions: cloudy

Sampling Time: 10:53 Am Water Color: clear Odor: some

Purging Flow Rate: 1 gpm. Sediment Description: ____

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

Time	Volume (gal.)	pH	Conductivity (mmhos/cm)	Temperature (F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:35	3	7.35	5.19	72.1	2.85	117	
10:37	6	7.38	5.18	73.0			
10:39	9	7.32	5.16	72.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
U-6	3 VOA	Y	HCL	Seq.	TPHG, BTEX, MTBE
	1 plastic	"	—	"	Ferrous Iron
					Nitrate
					phosphate

COMMENTS: ____

Chain of Custody Record

TOSCO

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

Facility Number (Tosco) # 5325
Facility Address 3220 Lakeshore Ave Oakland, CA.
Consultant Project Number 180061.85
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 De Witt
(Phone) (510) 277-2384
Laboratory Name Sequoia Analytical
Laboratory Release Number
Samples Collected by (Name) JOE ASEMIAN
Collection Date 3-7-01
Signature

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: TPH Gas + BTEX w/MTBE (8020)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	Ferrous Iron Nitrate phosphate				
U03032																				
TB-LB	01	1 VOA	W	G	–	HCl	Y	✓												
U-1	02	3 VOA 1 pl.	"	"	12:37	"	"	✓								✓				
U-2	03	"	"	"	12:05	"	"	✓								✓				
U-3	04	"	"	"	9:30	"	"	✓								✓				
U-4	05	"	"	"	10:08	"	"	✓								✓				
U-5	06	"	"	"	11:36	"	"	✓								✓				
U-6	07	"	"	"	10:53	"	"	✓								✓				

DO NOT BILL TB-LB ANALYSIS

Run 8260 - 6 Oxy's +1,2-DCA & EDB on ALL 8020 Mtbe hits. Thank you.

Please filter from plain plastic and preserve for Ferrous Iron analysis.

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	G-R Inc.	3-7-01 2:30 PM			3/7/01 14:30
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
(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

March 22 , 2001

Deanna Harding
Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin, CA 94568
RE: Tosco(1) / L103032

Enclosed are the results of analyses for samples received by the laboratory on 03/07/01. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate Number 2360

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	L103032-01	Water	03/07/01 00:00	03/07/01 14:30
U-1	L103032-02	Water	03/07/01 12:37	03/07/01 14:30
U-2	L103032-03	Water	03/07/01 12:05	03/07/01 14:30
U-3	L103032-04	Water	03/07/01 09:30	03/07/01 14:30
U-4	L103032-05	Water	03/07/01 10:08	03/07/01 14:30
U-5	L103032-06	Water	03/07/01 11:36	03/07/01 14:30
U-6	L103032-07	Water	03/07/01 10:53	03/07/01 14:30

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (L103032-01) Water Sampled: 03/07/01 00:00 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	ND	*50.0*	*ug/l*	1	*1030047*	*03/14/01*	*03/14/01*	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	*5.00*	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.6 %*	*70-130*		"	"	"	"	
U-1 (L103032-02) Water Sampled: 03/07/01 12:37 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	**6220**	1000	ug/l	20	1030048	03/14/01	03/14/01	DHS LUFT	P-02
Benzene	**29.8**	10.0	"	"	"	"	"	"	
Toluene	**10.4**	10.0	"	"	"	"	"	"	
Ethylbenzene	**96.3**	10.0	"	"	"	"	"	"	
Xylenes (total)	**638**	10.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**11200**	500	"	100	"	"	"	"	M-04
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*70-130*		"	"	"	"	
U-2 (L103032-03) Water Sampled: 03/07/01 12:05 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	**1670**	500	ug/l	10	1030052	03/15/01	03/15/01	DHS LUFT	P-02
Benzene	**51.0**	5.00	"	"	"	"	"	"	
Toluene	ND	5.00	"	"	"	"	"	"	
Ethylbenzene	**7.20**	5.00	"	"	"	"	"	"	
Xylenes (total)	**19.5**	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**5930**	100	"	20	"	"	03/14/01	"	M-04
Surrogate: a,a,a-Trifluorotoluene		*99.0 %*	*70-130*		"	"	*03/15/01*	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-3 (L103032-04) Water Sampled: 03/07/01 09:30 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	1030048	03/14/01	03/14/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*107 %*	*70-130*		"	"	"	"	
U-4 (L103032-05) Water Sampled: 03/07/01 10:08 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	1030048	03/14/01	03/14/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*70-130*		"	"	"	"	
U-5 (L103032-06) Water Sampled: 03/07/01 11:36 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	**623**	50.0	ug/l	1	1030047	03/14/01	03/15/01	DHS LUFT	P-02
Benzene	**5.15**	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	**0.669**	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**35.7**	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*116 %*	*70-130*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-6 (L103032-07) Water Sampled: 03/07/01 10:53 Received: 03/07/01 14:30									
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l	1	1030047	03/14/01	03/15/01	DHS LUFT	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	0.500	"	"	"	"	"	"	
Methyl tert-butyl ether	**310**	5.00	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*70-130*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-1 (L103032-02) Water Sampled: 03/07/01 12:37 Received: 03/07/01 14:30									
Ethanol	ND	100000	ug/l	100	1030066	03/21/01	03/21/01	EPA 8260B	
1,2-Dibromoethane	ND	200	"	"	"	"	"	"	
1,2-Dichloroethane	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	200	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	200	"	"	"	"	"	"	
Methyl tert-butyl ether	**11800**	200	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	200	"	"	"	"	"	"	
Tert-butyl alcohol	ND	10000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*76-114*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*88-110*		"	"	"	"	
U-2 (L103032-03) Water Sampled: 03/07/01 12:05 Received: 03/07/01 14:30									
Ethanol	ND	50000	ug/l	50	1030066	03/21/01	03/21/01	EPA 8260B	
1,2-Dibromoethane	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**7900**	100	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	100	"	"	"	"	"	"	
Tert-butyl alcohol	ND	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*76-114*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*88-110*		"	"	"	"	
U-5 (L103032-06) Water Sampled: 03/07/01 11:36 Received: 03/07/01 14:30									
Ethanol	ND	1000	ug/l	1	1030073	03/21/01	03/21/01	EPA 8260B	
1,2-Dibromoethane	ND	2.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.00	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**43.4**	2.00	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*76-114*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*88-110*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-6 (L103032-07) Water Sampled: 03/07/01 10:53 Received: 03/07/01 14:30									**I-02**
Ethanol	ND	2500	ug/l	2.5	1030072	03/22/01	03/22/01	EPA 8260B	
1,2-Dibromoethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.00	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	**321**	5.00	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	5.00	"	"	"	"	"	"	
Tert-butyl alcohol	ND	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86.2 %*	*76-114*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*88-110*		"	"	"	"	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-1 (L103032-02) Water	**Sampled: 03/07/01 12:37**	**Received: 03/07/01 14:30**							
Ferrous Iron	**0.483**	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	
U-2 (L103032-03) Water	**Sampled: 03/07/01 12:05**	**Received: 03/07/01 14:30**							
Ferrous Iron	**0.677**	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	
U-3 (L103032-04) Water	**Sampled: 03/07/01 09:30**	**Received: 03/07/01 14:30**							
Ferrous Iron	ND	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	
U-4 (L103032-05) Water	**Sampled: 03/07/01 10:08**	**Received: 03/07/01 14:30**							
Ferrous Iron	ND	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	
U-5 (L103032-06) Water	**Sampled: 03/07/01 11:36**	**Received: 03/07/01 14:30**							
Ferrous Iron	**1.07**	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	
U-6 (L103032-07) Water	**Sampled: 03/07/01 10:53**	**Received: 03/07/01 14:30**							
Ferrous Iron	**2.52**	0.0100	mg/l	1	1C21019	03/21/01	03/21/01	EPA 6010A	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	*Project Manager: Deanna Harding*	*03/22/01 13:42*

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-1 (L103032-02) Water	**Sampled: 03/07/01 12:37**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**6.89**	0.100	mg/l	10	1C12032	03/09/01	03/09/01	EPA 365.3	
U-2 (L103032-03) Water	**Sampled: 03/07/01 12:05**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**3.02**	0.100	mg/l	10	1C12032	03/09/01	03/09/01	EPA 365.3	
U-3 (L103032-04) Water	**Sampled: 03/07/01 09:30**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**0.443**	0.0100	mg/l	1	1C12032	03/09/01	03/09/01	EPA 365.3	
U-4 (L103032-05) Water	**Sampled: 03/07/01 10:08**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**0.226**	0.0100	mg/l	1	1C12032	03/09/01	03/09/01	EPA 365.3	
U-5 (L103032-06) Water	**Sampled: 03/07/01 11:36**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**4.00**	0.120	mg/l	12	1C12032	03/09/01	03/09/01	EPA 365.3	
U-6 (L103032-07) Water	**Sampled: 03/07/01 10:53**	**Received: 03/07/01 14:30**							
Phosphorus (Ortho)	**37.0**	0.610	mg/l	61	1C12032	03/09/01	03/09/01	EPA 365.3	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Anions by EPA Method 300.0

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
U-1 (L103032-02) Water	**Sampled: 03/07/01 12:37**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**2.64**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	
U-2 (L103032-03) Water	**Sampled: 03/07/01 12:05**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**2.24**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	
U-3 (L103032-04) Water	**Sampled: 03/07/01 09:30**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**36.5**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	
U-4 (L103032-05) Water	**Sampled: 03/07/01 10:08**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**33.9**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	
U-5 (L103032-06) Water	**Sampled: 03/07/01 11:36**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**3.02**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	
U-6 (L103032-07) Water	**Sampled: 03/07/01 10:53**	**Received: 03/07/01 14:30**							
Nitrate as NO3	**3.11**	1.00	mg/l	10	1C20011	03/09/01	03/09/01	EPA 300.0	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030047 - EPA 5030B (P/T)										
Blank (1030047-BLK1)				Prepared & Analyzed: 03/14/01						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: a,a,a-Trifluorotoluene	*8.23*		"	*10.0*		*82.3*	*70-130*			
LCS (1030047-BS1)				Prepared & Analyzed: 03/14/01						
Benzene	8.46	0.500	ug/l	10.0		84.6	70-130			
Toluene	8.55	0.500	"	10.0		85.5	70-130			
Ethylbenzene	8.77	0.500	"	10.0		87.7	70-130			
Xylenes (total)	26.9	0.500	"	30.0		89.7	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.19*		"	*10.0*		*91.9*	*70-130*			
LCS (1030047-BS2)				Prepared & Analyzed: 03/14/01						
Purgeable Hydrocarbons as Gasoline	293	50.0	ug/l	250		117	70-130			
Surrogate: a,a,a-Trifluorotoluene	*10.6*		"	*10.0*		*106*	*70-130*			
Matrix Spike (1030047-MS1)	**Source: L103047-06**			Prepared & Analyzed: 03/14/01						
Benzene	9.07	0.500	ug/l	10.0	ND	90.7	60-140			
Toluene	9.01	0.500	"	10.0	ND	90.1	60-140			
Ethylbenzene	9.13	0.500	"	10.0	ND	91.3	60-140			
Xylenes (total)	27.5	0.500	"	30.0	ND	91.7	60-140			
Surrogate: a,a,a-Trifluorotoluene	*10.1*		"	*10.0*		*101*	*70-130*			
Matrix Spike Dup (1030047-MSD1)	**Source: L103047-06**			Prepared & Analyzed: 03/14/01						
Benzene	8.85	0.500	ug/l	10.0	ND	88.5	60-140	2.46	25	
Toluene	8.76	0.500	"	10.0	ND	87.6	60-140	2.81	25	
Ethylbenzene	8.80	0.500	"	10.0	ND	88.0	60-140	3.68	25	
Xylenes (total)	26.8	0.500	"	30.0	ND	89.3	60-140	2.58	25	
Surrogate: a,a,a-Trifluorotoluene	*10.4*		"	*10.0*		*104*	*70-130*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030048 - EPA 5030B (P/T)										
Blank (1030048-BLK1)				Prepared & Analyzed: 03/14/01						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: a,a,a-Trifluorotoluene	*10.3*		"	*10.0*		*103*	*70-130*			
LCS (1030048-BS1)				Prepared & Analyzed: 03/14/01						
Benzene	10.4	0.500	ug/l	10.0		104	70-130			
Toluene	10.3	0.500	"	10.0		103	70-130			
Ethylbenzene	10.5	0.500	"	10.0		105	70-130			
Xylenes (total)	31.5	0.500	"	30.0		105	70-130			
Surrogate: a,a,a-Trifluorotoluene	*11.2*		"	*10.0*		*112*	*70-130*			
LCS (1030048-BS2)				Prepared & Analyzed: 03/14/01						
Purgeable Hydrocarbons as Gasoline	252	50.0	ug/l	250		101	70-130			
Surrogate: a,a,a-Trifluorotoluene	*12.0*		"	*10.0*		*120*	*70-130*			
Matrix Spike (1030048-MS1)		**Source: L103032-04**		Prepared & Analyzed: 03/14/01						
Benzene	9.92	0.500	ug/l	10.0	ND	99.2	60-140			
Toluene	9.56	0.500	"	10.0	ND	95.6	60-140			
Ethylbenzene	10.3	0.500	"	10.0	ND	103	60-140			
Xylenes (total)	30.0	0.500	"	30.0	ND	100	60-140			
Surrogate: a,a,a-Trifluorotoluene	*12.5*		"	*10.0*		*125*	*70-130*			
Matrix Spike Dup (1030048-MSD1)		**Source: L103032-04**		Prepared & Analyzed: 03/14/01						
Benzene	9.22	0.500	ug/l	10.0	ND	92.2	60-140	7.31	25	
Toluene	9.22	0.500	"	10.0	ND	92.2	60-140	3.62	25	
Ethylbenzene	9.48	0.500	"	10.0	ND	94.8	60-140	8.29	25	
Xylenes (total)	28.1	0.500	"	30.0	ND	93.7	60-140	6.54	25	
Surrogate: a,a,a-Trifluorotoluene	*11.7*		"	*10.0*		*117*	*70-130*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030052 - EPA 5030B (P/T)										
Blank (1030052-BLK1)				Prepared & Analyzed: 03/15/01						
Purgeable Hydrocarbons as Gasoline	ND	50.0	ug/l							
Benzene	ND	0.500	"							
Toluene	ND	0.500	"							
Ethylbenzene	ND	0.500	"							
Xylenes (total)	ND	0.500	"							
Methyl tert-butyl ether	ND	5.00	"							
Surrogate: a,a,a-Trifluorotoluene	*11.8*		"	*10.0*		*118*	*70-130*			
LCS (1030052-BS1)				Prepared & Analyzed: 03/15/01						
Benzene	9.39	0.500	ug/l	10.0		93.9	70-130			
Toluene	9.29	0.500	"	10.0		92.9	70-130			
Ethylbenzene	9.48	0.500	"	10.0		94.8	70-130			
Xylenes (total)	28.5	0.500	"	30.0		95.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*11.4*		"	*10.0*		*114*	*70-130*			
LCS (1030052-BS2)				Prepared & Analyzed: 03/15/01						
Purgeable Hydrocarbons as Gasoline	242	50.0	ug/l	250		96.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*11.5*		"	*10.0*		*115*	*70-130*			
Matrix Spike (1030052-MS1)		**Source: L103091-01**		Prepared & Analyzed: 03/15/01						
Purgeable Hydrocarbons as Gasoline	242	50.0	ug/l	250	ND	96.8	60-140			
Surrogate: a,a,a-Trifluorotoluene	*12.8*		"	*10.0*		*128*	*70-130*			
Matrix Spike Dup (1030052-MSD1)		**Source: L103091-01**		Prepared & Analyzed: 03/15/01						
Purgeable Hydrocarbons as Gasoline	228	*50.0*	ug/l	250	ND	91.2	60-140	5.96	25	
Surrogate: a,a,a-Trifluorotoluene	*12.5*		"	*10.0*		*125*	*70-130*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030066 - EPA 5030B [P/T]										
Blank (1030066-BLK1)				Prepared & Analyzed: 03/19/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*49.3*		"	*50.0*		*98.6*	*76-114*			
Surrogate: Toluene-d8	*50.7*		"	*50.0*		*101*	*88-110*			
Blank (1030066-BLK2)				Prepared & Analyzed: 03/20/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*49.2*		"	*50.0*		*98.4*	*76-114*			
Surrogate: Toluene-d8	*49.6*		"	*50.0*		*99.2*	*88-110*			
Blank (1030066-BLK3)				Prepared & Analyzed: 03/21/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*49.6*		"	*50.0*		*99.2*	*76-114*			
Surrogate: Toluene-d8	*51.7*		"	*50.0*		*103*	*88-110*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030066 - EPA 5030B [P/T]										
LCS (1030066-BS1)				Prepared & Analyzed: 03/19/01						
Methyl tert-butyl ether	52.8	2.00	ug/l	50.0		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	*49.6*		"	*50.0*		*99.2*	*76-114*			
Surrogate: Toluene-d8	*50.2*		"	*50.0*		*100*	*88-110*			
LCS (1030066-BS2)				Prepared & Analyzed: 03/20/01						
Methyl tert-butyl ether	52.1	2.00	ug/l	50.0		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	*50.6*		"	*50.0*		*101*	*76-114*			
Surrogate: Toluene-d8	*48.5*		"	*50.0*		*97.0*	*88-110*			
LCS (1030066-BS3)				Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	50.3	2.00	ug/l	50.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	*51.4*		"	*50.0*		*103*	*76-114*			
Surrogate: Toluene-d8	*50.6*		"	*50.0*		*101*	*88-110*			
Matrix Spike (1030066-MS1)		**Source: L103105-04**		Prepared & Analyzed: 03/19/01						
Methyl tert-butyl ether	50.9	2.00	ug/l	50.0	ND	102	60-140			
Surrogate: 1,2-Dichloroethane-d4	*48.9*		"	*50.0*		*97.8*	*76-114*			
Surrogate: Toluene-d8	*50.5*		"	*50.0*		*101*	*88-110*			
Matrix Spike Dup (1030066-MSD1)		**Source: L103105-04**		Prepared & Analyzed: 03/19/01						
Methyl tert-butyl ether	53.1	2.00	ug/l	50.0	ND	106	60-140	4.23	25	
Surrogate: 1,2-Dichloroethane-d4	*50.5*		"	*50.0*		*101*	*76-114*			
Surrogate: Toluene-d8	*49.2*		"	*50.0*		*98.4*	*88-110*			
Batch 1030072 - EPA 5030B [P/T]										
Blank (1030072-BLK1)				Prepared & Analyzed: 03/21/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*45.4*		"	*50.0*		*90.8*	*76-114*			
Surrogate: Toluene-d8	*50.4*		"	*50.0*		*101*	*88-110*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030072 - EPA 5030B [P/T]										
Blank (1030072-BLK2)				Prepared & Analyzed: 03/22/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*44.6*		"	*50.0*		*89.2*	*76-114*			
Surrogate: Toluene-d8	*53.9*		"	*50.0*		*108*	*88-110*			
LCS (1030072-BS1)				Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	49.8	2.00	ug/l	50.0		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*47.5*		"	*50.0*		*95.0*	*76-114*			
Surrogate: Toluene-d8	*49.4*		"	*50.0*		*98.8*	*88-110*			
LCS (1030072-BS2)				Prepared & Analyzed: 03/22/01						
Methyl tert-butyl ether	46.8	2.00	ug/l	50.0		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	*45.6*		"	*50.0*		*91.2*	*76-114*			
Surrogate: Toluene-d8	*49.7*		"	*50.0*		*99.4*	*88-110*			
Matrix Spike (1030072-MS1)	**Source: L103130-02**			Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	104	2.00	ug/l	50.0	49.4	109	60-140			
Surrogate: 1,2-Dichloroethane-d4	*49.2*		"	*50.0*		*98.4*	*76-114*			
Surrogate: Toluene-d8	*52.3*		"	*50.0*		*105*	*88-110*			
Matrix Spike Dup (1030072-MSD1)	**Source: L103130-02**			Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	97.8	2.00	ug/l	50.0	49.4	96.8	60-140	6.14	25	
Surrogate: 1,2-Dichloroethane-d4	*48.3*		"	*50.0*		*96.6*	*76-114*			
Surrogate: Toluene-d8	*51.7*		"	*50.0*		*103*	*88-110*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Volatile Organic 8 Oxyganated Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1030073 - EPA 5030B [P/T]										
Blank (1030073-BLK1)				Prepared & Analyzed: 03/21/01						
Ethanol	ND	1000	ug/l							
1,2-Dibromoethane	ND	2.00	"							
1,2-Dichloroethane	ND	2.00	"							
Di-isopropyl ether	ND	2.00	"							
Ethyl tert-butyl ether	ND	2.00	"							
Methyl tert-butyl ether	ND	2.00	"							
Tert-amyl methyl ether	ND	2.00	"							
Tert-butyl alcohol	ND	100	"							
Surrogate: 1,2-Dichloroethane-d4	*54.9*		"	*50.0*		*110*	*76-114*			
Surrogate: Toluene-d8	*51.7*		"	*50.0*		*103*	*88-110*			
LCS (1030073-BS1)				Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	53.9	2.00	ug/l	50.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	*52.6*		"	*50.0*		*105*	*76-114*			
Surrogate: Toluene-d8	*51.2*		"	*50.0*		*102*	*88-110*			
Matrix Spike (1030073-MS1)		**Source: L103129-04**		Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	56.0	2.00	ug/l	50.0	ND	112	60-140			
Surrogate: 1,2-Dichloroethane-d4	*53.7*		"	*50.0*		*107*	*76-114*			
Surrogate: Toluene-d8	*51.1*		"	*50.0*		*102*	*88-110*			
Matrix Spike Dup (1030073-MSD1)		**Source: L103129-04**		Prepared & Analyzed: 03/21/01						
Methyl tert-butyl ether	52.6	2.00	ug/l	50.0	ND	105	60-140	6.26	25	
Surrogate: 1,2-Dichloroethane-d4	*56.2*		"	*50.0*		*112*	*76-114*			
Surrogate: Toluene-d8	*50.8*		"	*50.0*		*102*	*88-110*			

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C21019 - 200.7/ No Digest										
Blank (1C21019-BLK1)				Prepared & Analyzed: 03/21/01						
Ferrous Iron	ND	0.0100	mg/l							
LCS (1C21019-BS1)				Prepared & Analyzed: 03/21/01						
Ferrous Iron	1.01	0.0100	mg/l				80-120			
Matrix Spike (1C21019-MS1)		**Source: MKC0105-02**		Prepared & Analyzed: 03/21/01						
Ferrous Iron	0.994	0.0100	mg/l		0.0161		80-120			
Matrix Spike Dup (1C21019-MSD1)		**Source: MKC0105-02**		Prepared & Analyzed: 03/21/01						
Ferrous Iron	1.00	0.0100	mg/l		0.0161		80-120	0.602	20	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C12032 - General Preparation										
Blank (1C12032-BLK1)				Prepared & Analyzed: 03/09/01						
Phosphorus (Ortho)	ND	0.0100	mg/l							
LCS (1C12032-BS1)				Prepared & Analyzed: 03/09/01						
Phosphorus (Ortho)	0.536	0.0100	mg/l	0.500		107	80-120			
Matrix Spike (1C12032-MS1)		Source: MKC0202-02		Prepared & Analyzed: 03/09/01						
Phosphorus (Ortho)	0.579	0.0100	mg/l	0.500	0.0140	113	75-125			
Matrix Spike Dup (1C12032-MSD1)		Source: MKC0202-02		Prepared & Analyzed: 03/09/01						
Phosphorus (Ortho)	0.582	0.0100	mg/l	0.500	0.0140	114	75-125	0.517	20	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C20011 - General Preparation										
Blank (1C20011-BLK1)				Prepared & Analyzed: 03/09/01						
Nitrate as NO3	ND	0.100	mg/l							
LCS (1C20011-BS1)				Prepared & Analyzed: 03/09/01						
Nitrate as NO3	9.66	0.100	mg/l	10.0		96.6	90-110			
Matrix Spike (1C20011-MS1)		Source: L103032-05		Prepared & Analyzed: 03/09/01						
Nitrate as NO3	136	1.00	mg/l	100	33.9	102	80-120			
Matrix Spike Dup (1C20011-MSD1)		Source: L103032-05		Prepared & Analyzed: 03/09/01						
Nitrate as NO3	134	1.00	mg/l	100	33.9	100	80-120	1.48	20	

Gettler-Ryan/Geostrategies(1)	Project: Tosco(1)	
6747 Sierra Court, Suite J	Project Number: Tosco #5325	**Reported:**
Dublin CA, 94568	Project Manager: Deanna Harding	03/22/01 13:42

Notes and Definitions

I-02	This sample was analyzed outside of the EPA recommended holding time.
M-04	MTBE was reported from second analysis.
P-02	Chromatogram Pattern: Weathered Gasoline C6-C12
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference