GETTLER-RYAN INC.

April 17, 2000
G-R Job #180075

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

RE: First Quarter 2000 Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

Dear Mr. De Witt:

This report documents the well development and quarterly groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). On March 10, 2000, field personnel developed one well (MW-10) and monitored ten wells (MW-1, MW-2B and MW-3 through MW-10) and sampled nine wells (MW-1, MW-2B, MW-3, MW-4, and MW-6 though MW-10) 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 present in one well (MW-5).** Static water level data and groundwater elevations are summarized in Table 1. Product Thickness/Removal Data is summarized in Table 2. 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 3, and a Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports is also attached.

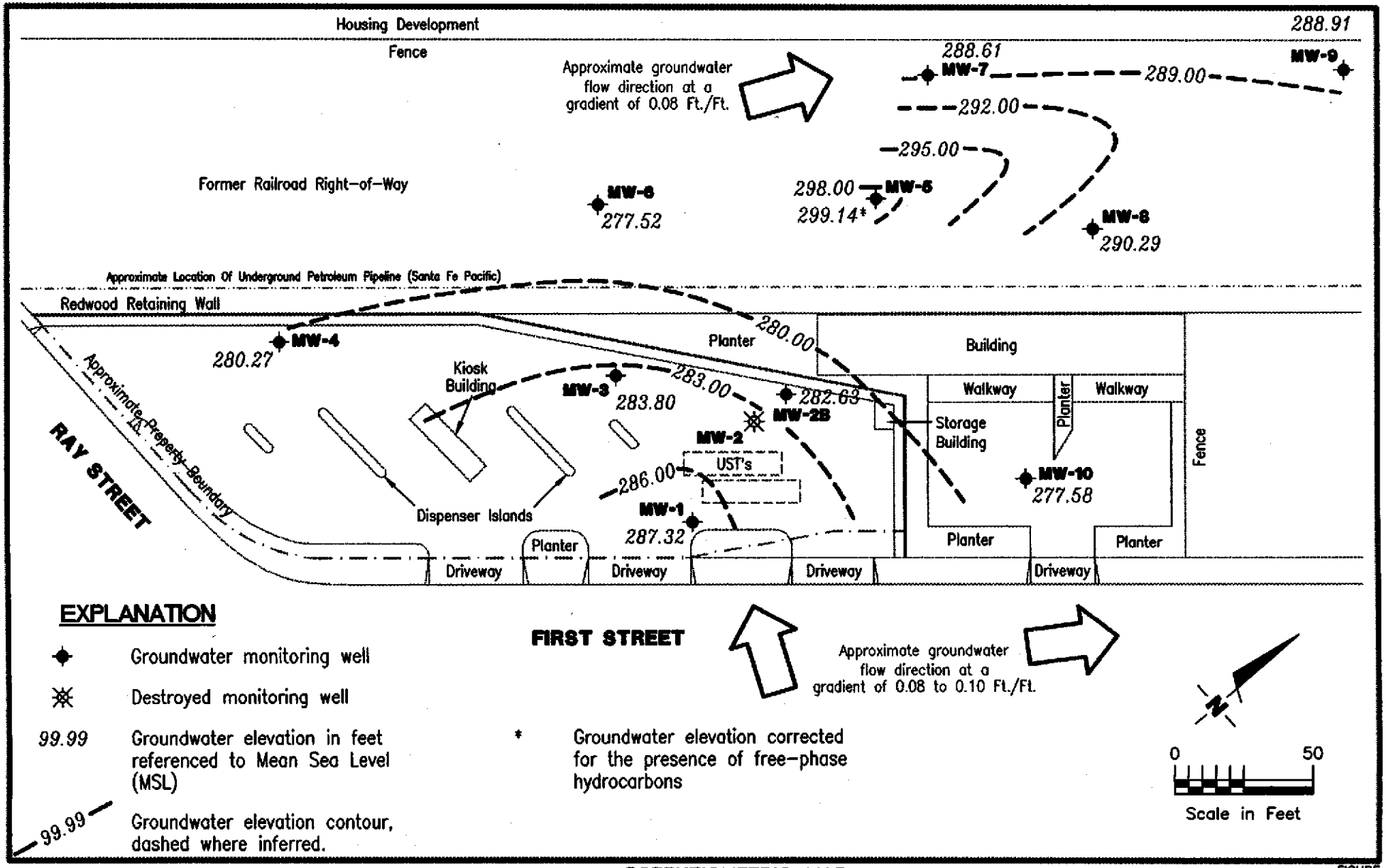
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Product Thickness/Removal Data
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
7376.qml Chain of Custody Document and Laboratory Analytical Reports



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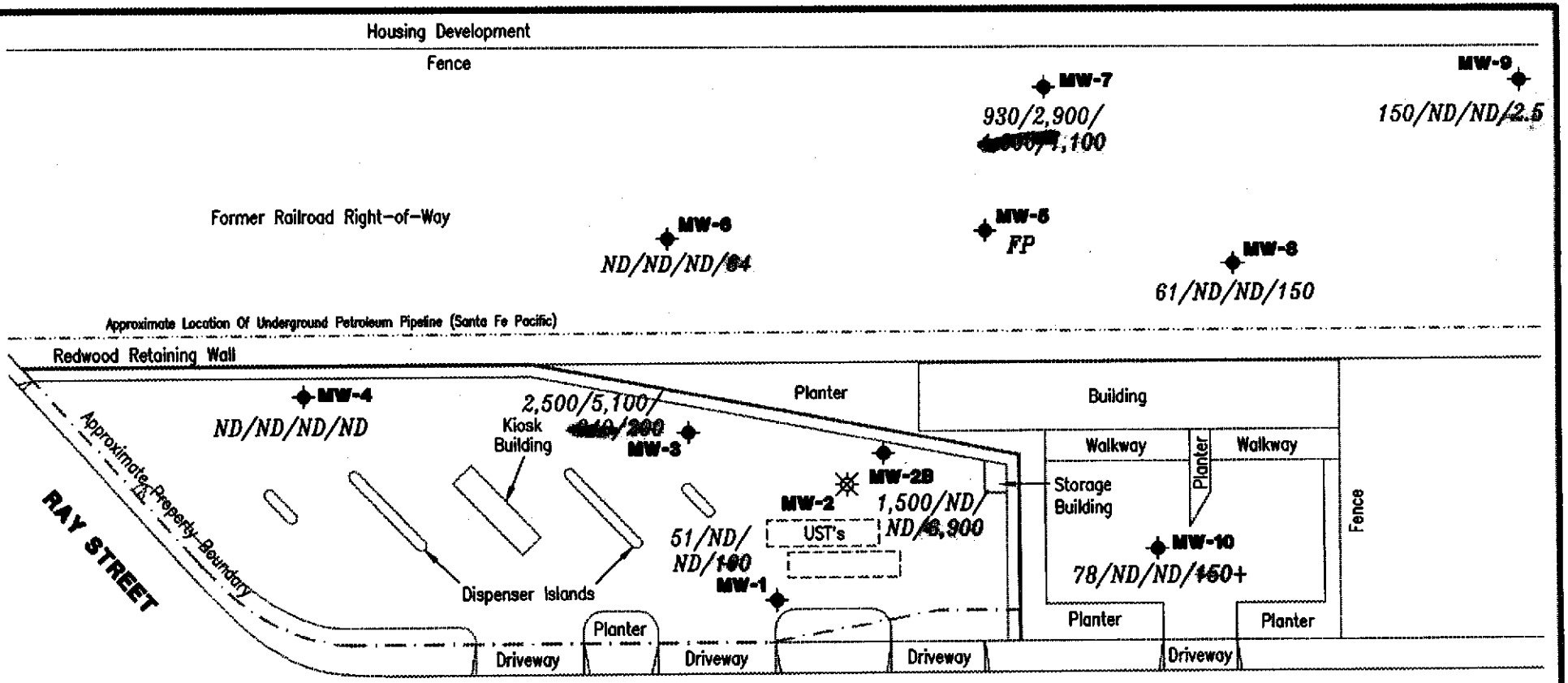
Dublin, CA 94568

POTENTIOMETRIC MAP
Tosco (Unocal) Service Station No. 7376
4191 First Street
Pleasanton, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
180075		March 10, 2000	



EXPLANATION

- Groundwater monitoring well
- Destroyed monitoring well
- A/B/C/D — TPH(D) (Total Petroleum Hydrocarbons as Diesel)/TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/[illegible]/MTBE concentrations in ppb
- ND — Not Detected
- FP — Free Product
- MTBE by EPA Method 8260

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Dublin, CA 94568

CONCENTRATION MAP
Tosco (Unocal) Service Station No. 7376
4191 First Street
Pleasanton, California

FIGURE 2

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
180075		March 10, 2000	

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
	12/08/87[1]	--	--	--	2,100[2]	50[3]	58	8.0	ND	10	--
366.99	12/07/94	81.04	285.95	0.00	--	ND	ND	ND	ND	ND	--
	03/01/95	80.09	286.90	0.00	120	ND	ND	1.1	ND	1.3	--
	06/01/95	77.53	289.46	0.00	54[5]	130	1.0	2.9	0.79	4.5	--
	09/06/95	79.00	287.99	0.00	690	ND	ND	ND	ND	ND	--[6]
	12/12/95	77.55	289.44	0.00	190[5]	ND	ND	ND	ND	ND	--
	03/01/96	75.09	291.90	0.00	56	ND	ND	ND	ND	ND	370
	06/15/96	75.07	291.92	0.00	ND	ND	ND	ND	ND	ND	270
	09/18/96	79.90	287.09	0.00	130[5]	ND	ND	ND	ND	ND	590
	12/21/96	78.96	288.03	0.00	ND	ND	ND	ND	ND	ND	150
	03/07/97	71.49	295.50	0.00	ND	ND	ND	ND	ND	ND	220
	06/27/97	80.05	286.94	0.00	ND	ND	ND	ND	ND	ND	17
	09/29/97	80.04	286.95	0.00	ND	ND	ND	ND	ND	ND	24
	12/15/97	80.07	286.92	0.00	ND	ND	ND	ND	ND	ND	25
	03/16/98	71.00	295.99	0.00	ND	ND	ND	0.52	ND	0.71	190
366.98	06/26/98	79.29	287.69	0.00	ND	59[13]	0.90	ND	ND	ND	570
	08/18/98	79.93	287.05	0.00	--	--	--	--	--	--	--
	09/22/98	79.99	286.99	0.00	240[20]	ND	ND	ND	ND	ND	170
	12/15/98	80.02	286.96	0.00	ND	ND	ND	ND	ND	ND	63
	12/23/98	80.02	286.96	0.00	--	--	--	--	--	--	--
	03/15/99	78.95	288.03	0.00	67[24]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	520
	03/23/99	78.69	288.29	0.00	--	--	--	--	--	--	--
	06/07/99	79.82	287.16	0.00	ND	ND	ND	ND	ND	ND	310
	09/03/99	79.74	287.24	0.00	76[19]	ND	ND	ND	ND	ND	67/55.2[27]
	12/06/99	79.74	287.24	0.00	ND	ND	ND	ND	ND	ND	120
	03/10/00	**79.66**	**287.32**	**0.00**	**51[19]**	**ND**	**ND**	**ND**	**ND**	**ND**	**100**
MW-2	12/08/87	--	--	--	620[2]	1,800[3]	910	800	260	1,200	--
	12/07/94	DAMAGED	--	--	--	--	--	--	--	--	--
	02/07/95	DESTROYED	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2B											
365.05	03/01/95	80.80	284.25	0.00	320	ND	ND	ND	ND	ND	--
	06/01/95	75.69	289.36	0.00	280	350	19	5.8	ND	7.7	--
	09/06/95	77.54	287.51	0.00	ND	ND	90	ND	ND	ND	--[6]
	12/12/95	75.96	289.09	0.00	850[4]	1,200	630	ND	15	57	--[7]
	03/01/96	73.27	291.78	0.00	870[4]	1,000	620	ND	ND	5.3	4,300
	06/15/96	73.21	291.84	0.00	420	910	350	ND	ND	ND	3,700
	09/18/96	81.08	283.97	0.00	600	1,200	95	ND	ND	ND	5,200
	12/21/96	77.35	287.70	0.00	470	330[8]	57	ND	ND	ND	2,900
	03/07/97	69.67	295.38	Sheen	870[4]	190	28	0.64	ND	1.5	4,300
	06/27/97	82.40	282.65	0.00	680[4]	98	3.4	1.0	0.53	ND	3,100
	09/29/97	82.72	282.33	0.00	430	ND	ND	ND	ND	ND	3,000
	12/15/97	82.57	282.48	0.00	490	54[9]	ND	ND	ND	ND	4,100
	03/16/98	69.13	295.92	Sheen	4,000[10]	ND[11]	17	ND[11]	ND[11]	ND[11]	4,400
365.05	06/26/98	77.78	287.27	0.00	790[14]	ND	ND	ND	ND	ND	4,000
	08/18/98	83.99	281.06	0.00	--	--	--	--	--	--	--
	09/22/98	83.89	281.16	0.00	930[20]	ND[11]	ND[11]	ND[11]	ND[11]	21	4,600
	12/15/98	82.84	282.21	0.00	600	ND	ND	ND	ND	ND	5,100
	12/23/98	82.55	282.50	0.00	--	--	--	--	--	--	--
	03/15/99	77.31	287.74	0.00	390[25]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	4,300/4,800[27]
	03/23/99	77.06	287.99	0.00	--	--	--	--	--	--	--
	06/07/99	82.96	282.09	0.00	770[25]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	5,100
	09/03/99	84.16	280.89	0.00	870[20]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	6,300/4,400[27]
	12/06/99	84.41	280.64	0.00	850[32]	ND[11]	ND[11]	ND[11]	ND[11]	ND[11]	4,400
	03/10/00	**82.42**	**282.63**	**0.00**	**1,500[20]**	**ND[11]**	**ND[11]**	**ND[11]**	**ND[11]**	**ND[11]**	**6,900**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3											
	12/08/87	--	--	--	2,300[2]	24,000[3]	2,600	1,300	160	660	--
367.01	12/07/94	85.54	281.47	0.00	--	ND	ND	ND	ND	ND	--
	03/01/95	83.20	283.81	0.00	140[4]	ND	ND	1.1	ND	1.1	--
	06/01/95	77.60	289.41	0.00	140[5]	62	7.8	0.90	ND	1.6	--
	09/06/95	79.28	287.73	0.00	880[5]	4,100	380	490	130	710	--[6]
	12/12/95	77.73	289.28	0.00	3,100[4]	19,000	600	380	2,100	5,300	--[7]
	03/01/96	75.18	291.83	0.00	1,500[5]	3,400	950	3.2	1,900	290	59
	06/15/96	75.13	291.88	0.00	400[4]	780	190	8.8	3.8	4.0	630
	09/18/96	82.84	284.17	0.00	170	2,800	340	12	11	110	2,500
	12/21/96	79.29	287.72	0.00	64[4]	51	1.3	ND	ND	0.53	20
	03/07/97	71.58	295.43	0.00	570[4]	1,400	53	14	29	68	220
	06/27/97	83.27	283.74	0.00	ND	ND	ND	ND	ND	ND	27
	09/29/97	83.33	283.68	0.00	ND	ND	ND	ND	ND	ND	11
	12/15/97	83.35	283.66	0.00	ND	ND	ND	ND	ND	ND	19
	03/16/98	71.07	295.94	0.00	670[10]	130[12]	6.5	1.9	1.5	1.6	210
367.03	06/26/98	79.65	287.38	0.00	63[13]	400[15]	15	ND[11]	ND[11]	1.9	490
	08/18/98	83.29	283.74	0.00	--	--	--	--	--	--	--
	09/22/98	83.33	283.70	0.00	95[20]	ND	ND	ND	ND	ND	24
	12/15/98	83.29	283.74	0.00	ND	ND	ND	ND	ND	ND	18
	12/23/98	83.28	283.75	0.00	--	--	--	--	--	--	--
	03/15/99	79.19	287.84	0.00	3,500[26]	26,000	3,100	270	2,200	3,100	1,300
	03/23/99	78.92	288.11	0.00	--	--	--	--	--	--	--
	06/07/99	83.22	283.81	0.00	ND	ND	ND	ND	0.63	ND	29
	09/03/99	83.31	283.72	0.00	2,900[20]	23,000[30]	770	ND[11]	980	6,400	280/82.4[27]
	12/06/99	83.41	283.62	0.00	4,200[20]	41,000[30]	3,200	3,500	1,300	8,300	ND[11]
	03/10/00	**83.23**	**283.80**	**0.00**	**2,500[20]**	**5,100[30]**	**340**	**ND[11]**	**97**	**450**	**200**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4											
369.03	09/18/96	73.67	295.36	0.00	200	160	14	ND	ND	1.6	ND
	12/21/96	77.69	291.34	0.00	ND	ND	ND	ND	ND	ND	ND
	03/07/97	68.04	300.99	0.00	ND	ND	1.9	0.99	ND	1.5	ND
	06/27/97	79.06	289.97	0.00	ND	ND	ND	ND	ND	ND	ND
	09/29/97	85.83	283.20	0.00	ND	ND	ND	ND	ND	ND	ND
	12/15/97	87.26	281.77	0.00	ND	ND	ND	ND	ND	ND	ND
	03/16/98	75.09	293.94	0.00	ND	ND	ND	0.69	ND	0.82	ND
368.81	06/26/98	73.81	295.00	0.00	630[16]	100[13]	62	ND	ND	ND	ND
	08/18/98	78.75	290.06	0.00	--	--	--	--	--	--	--
	09/22/98	83.95	284.86	0.00	74[20]	ND	ND	ND	ND	ND	2.8
	12/15/98	85.41	283.40	0.00	ND	ND	ND	ND	ND	ND	ND
	12/23/98	84.95	283.86	0.00	--	--	--	--	--	--	--
	03/15/99	78.47	290.34	0.00	ND	ND	ND	ND	ND	ND	ND
	03/23/99	77.37	291.44	0.00	--	--	--	--	--	--	--
	06/07/99	76.60	292.21	0.00	ND	ND	ND	ND	ND	ND	ND
	09/03/99	87.23	281.58	0.00	66[19]	ND	ND	ND	ND	ND	ND/ND[27]
	12/06/99	92.23	276.58	0.00	95[13]	ND	ND	ND	ND	ND	ND
	03/10/00	**88.54**	**280.27**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**
MW-5											
363.23	09/18/96	64.20	299.03	0.00	4,700[5]	36,000	6,700	410	730	6,500	4,100
	12/21/96	61.77	301.46	Sheen	4,700[4]	25,000	3,200	300	780	3,600	2,600
	03/07/97	56.30	306.93	Sheen	2,100[4]	14,000	1,300	120	410	1,200	1,700
	06/27/97	68.88	295.03***	0.90	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	09/29/97	69.47	294.02***	0.35	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/15/97	64.92	298.54***	0.30	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	03/16/98	49.63	313.67***	0.09	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
363.21	06/26/98	64.13	299.08	Sheen	230,000[17]	490[18]	6.3	2.8	4.2	5.1	10
	08/18/98	70.40	292.81**	0.005	--	--	--	--	--	--	--
	09/22/98	69.10	294.16**	0.06	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/15/98	68.84	294.50**	0.17	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	12/23/98	68.42	295.18**	0.50	--	--	--	--	--	--	--
(cont)	03/15/99	63.81	299.59**	0.25	--	--	--	--	--	--	--
	03/23/99	63.59	299.72**	0.13	--	--	--	--	--	--	--
	06/07/99	68.25	295.59**	0.82	4,700,000[26]	210,000	6,700	3,700	5,000	20,000	11,000/4,000[27]
	09/03/99	69.38	294.37**	0.70	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	12/06/99	70.02	293.82**	0.82	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--	--
	03/10/00	**64.56**	**299.14****	**0.64**	**NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT**					--	--
MW-6											
363.12	09/18/96	79.07	284.05	0.00	ND	160	5.4	ND	ND	ND	ND
	12/21/96	75.40	287.72	0.00	ND	300[8]	96	1.3	ND	1.7	21
	03/07/97	67.61	295.51	0.00	190[4]	1,800[8]	920	18	ND	31	290
	06/27/97	80.45	282.67	0.00	73[5]	ND	0.73	ND	ND	38	38
	09/29/97	86.02	277.10	0.00	ND	62[9]	ND	ND	ND	ND	43
	12/15/97	84.03	279.09	0.00	ND	78[9]	ND	ND	ND	ND	39
	03/16/98	67.15	295.97	0.00	100[10]	210[12]	36	2.5	ND	3.0	64
363.13	06/26/98	75.71	287.42	0.00	180[14]	530	300	8.3	2.8	8.7	81
	08/18/98	74.86	288.27	0.00	--	--	--	--	--	--	--
	09/22/98	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	12/15/98	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
	12/23/98	80.80	282.33	0.00	--	120[23]	1.1	ND	ND	0.78	25
	01/23/99	80.68	282.45	0.00	ND	--	--	--	--	--	--
	03/15/99	75.29	287.84	0.00	71[24]	62[22]	1.4	ND	ND	ND	23
	03/23/99	75.03	288.10	0.00	--	--	--	--	--	--	--
	06/07/99	82.27	280.86	0.00	160[28]	ND	ND	ND	ND	ND	18
	09/03/99	87.49	275.64	0.00	INSUFFICIENT WATER TO SAMPLE				--	--	--
	12/06/99	DRY	--	--	--	--	--	--	--	--	--
	03/10/00	**85.61**	**277.52**	**0.00**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**64**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7											
355.97	06/26/98	--	--	--	--	--	--	--	--	--	--
	08/18/98	68.75	287.22	0.00	1,400[20]	4,000	1,900	48	160	ND[11]	1,700
	09/22/98	66.35	289.62	0.00	780[20]	3,200	1,100	ND	22	ND	1,500
	12/15/98	65.03	290.94	0.00	350[21]	1,900[22]	180	2.7	2.9	3.8	1,400
	12/23/98	64.82	291.15	0.00	--	--	--	--	--	--	--
	03/15/99	60.44	295.53	0.00	460[26]	2,700	1,100	ND[11]	30	16	1,400/970[27]
	03/23/99	60.43	295.54	0.00	--	--	--	--	--	--	--
	06/07/99	64.48	291.49	0.00	550[25]	2,600[29]	180	21	ND	13	1,200
	09/03/99	69.98	285.99	0.00	550[20]	870[30]	69	ND[11]	ND[11]	ND[11]	1,100/872[27]
	12/06/99	70.18	285.79	0.00	220[20]	1,900[31]	350	ND[11]	ND[11]	ND[11]	1,100
	03/10/00	**67.36**	**288.61**	**0.00**	**930[20]**	**2,900[31]**	**1,600**	**ND[11]**	**40**	**54**	**1,100**
MW-8											
362.37	06/26/98	63.00	299.37	0.00	80[19]	ND	6.0	ND	ND	ND	150
	08/18/98	73.38	288.99	0.00	--	--	--	--	--	--	--
	09/22/98	70.89	291.48	0.00	120[20]	ND	ND	ND	ND	ND	9.5
	12/15/98	70.29	292.08	0.00	ND	ND	ND	ND	ND	ND	3.0
	12/23/98	70.03	292.34	0.00	--	--	--	--	--	--	--
	03/15/99	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
361.83	03/23/99	64.86	296.97	0.00	60[24]	ND	ND	0.77	ND	0.96	190
	06/07/99	68.30	293.53	0.00	ND	ND	ND	ND	ND	ND	ND
	09/03/99	73.92	287.91	0.00	130[19]	ND	ND	0.57	ND	ND	170/146[27]
	12/06/99	74.98	286.85	0.00	160[19]	ND	ND	ND	ND	ND	150
	03/10/00	**71.54**	**290.29**	**0.00**	**61[19]**	**ND**	**ND**	**ND**	**ND**	**ND**	**150**
MW-9											
354.85	11/29/99	74.50	280.35	0.00	--	--	--	--	--	--	--
	12/06/99	74.35	280.50	0.00	ND	ND	ND	ND	ND	ND	3.0/2.7[27]
	03/10/00	**65.94**	**288.91**	**0.00**	**150[19]**	**ND**	**ND**	**ND**	**ND**	**ND**	**2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID/ TOC*	Date	DTW (ft.)	GWE (msl)	Product Thickness (ft.)	TPH(D) (ppb)	TPH(G) (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-10											
362.62	11/29/99	DRY	--	--	--	--	--	--	--	--	--
	12/06/99	DRY	--	--	--	--	--	--	--	--	--
	03/10/00[33]	**85.04**	**277.58**	**0.00**	**78[20]**	**ND**	**ND**	**ND**	**ND**	**ND**	**130/150[27]**
Trip Blank											
TB-LB	03/16/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/26/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	08/18/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/22/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/15/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/23/98	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/15/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/23/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/07/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/03/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/06/99	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/10/00	--	--	--	--	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 16, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing
DTW = Depth to Water
(ft.) = Feet
GWE = Groundwater Elevation
msl = Relative to 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) per City of Pleasanton Benchmark V1, a brass disk on the north curb of Ray Street, approximately 200 feet northwest of the centerline of First Street (Elevation = 367.17 feet msl). On March 22, 1999, MW-8 was re-surveyed and on November 26, 1999, MW-9 and MW-10 were surveyed, the Benchmark was a cut "+" on a concrete transformer pad on the north side of the property to the northwest (Elevation = 353.92 feet, msl).

** Groundwater elevation corrected for the presence of free product; correction factor = [(TOC-DTW)+(Product Thickness x 0.77)].

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

1 1,2-Dichloroethene (1,2-DCE) was detected at a concentration of 18 ppb.
2 Reported as Total Extractable Hydrocarbons (TEH).
3 Reported as Total Petroleum Hydrocarbons (TPH).
4 Laboratory report indicates the hydrocarbons detected appeared to be a diesel and non-diesel mixture.
5 Laboratory report indicates the hydrocarbons detected did not appear to be diesel.
6 Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.
7 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.
8 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
9 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.
10 Laboratory report indicates diesel and unidentified hydrocarbons >C16.
11 Detection limit raised. Refer to analytical reports.
12 Laboratory report indicates gasoline and unidentified hydrocarbons <C7.
13 Laboratory report indicates discrete peaks.
14 Laboratory report indicates diesel and unidentified hydrocarbons >C20.
15 Laboratory report indicates discrete peaks and unidentified hydrocarbons <C7.
16 Laboratory report indicates diesel and unidentified hydrocarbons <C15.
17 Laboratory report indicates diesel and unidentified hydrocarbons <C15 and >C20.
18 Laboratory report indicates gasoline and unidentified hydrocarbons >C8.
19 Laboratory report indicates unidentified hydrocarbons >C16.
20 Laboratory report indicates unidentified hydrocarbons C9-C24.
21 Laboratory report indicates diesel and unidentified hydrocarbons <C12.
22 Laboratory report indicates unidentified hydrocarbons C6-C12.

Table 1

Groundwater Monitoring Data and Analytical Results

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

EXPLANATIONS: (cont)

23 Laboratory report indicates unidentified hydrocarbons C6-C9.

24 Laboratory report indicates unidentified hydrocarbons >C14.

25 Laboratory report indicates unidentified hydrocarbons >C10.

26 Laboratory report indicates unidentified hydrocarbons >C9.

27 MTBE by EPA Method 8260.

28 Laboratory report indicates unidentified hydrocarbons >C15.

29 Laboratory report indicates gasoline and unidentified hydrocarbons >C6.

30 Laboratory report indicates gasoline C6-C12.

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

32 Laboratory report indicates unidentified hydrocarbons C9-C40.

33 Well re-developed.

Table 2

Product Thickness/Removal Data

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID	Date	DTW *(ft.)*	Product Thickness *(ft.)*	Amount Bailed (Product + Water) *gallons*
MW-5	03/07/97	56.30	Sheen	--
	06/27/97	68.88	0.90	--
	09/29/97	69.47	0.35	--
	12/15/97	64.92	0.30	--
	03/16/98	49.63	0.09	0.25
	06/26/98	63.00	Sheen	--
	08/18/98	70.40	0.005	--
	09/22/98	69.10	0.06	--
	12/15/98	68.84	0.17	--
	12/23/98	68.42	0.50	--
	03/15/99	63.81	0.25	0.13
	03/23/99	63.59	0.13	0.00
	06/07/99	68.25	0.82	0.94
	09/03/99	69.38	0.70	0.078
	12/06/99	70.02	0.82	0.00
	03/10/00	**64.56**	**0.64**	**0.00**

EXPLANATIONS:

Product thickness/removal data prior to March 16, 1998, were compiled from reports prepared by MPDS Services, Inc.

DTW = Depth to water

(ft.) = Feet

-- = Not Measured/Not Available

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, California

Well ID	Date	Ethanol (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1	09/03/99	ND	ND	55.2	ND	ND	ND
MW-2B	03/15/99	ND	3,800	4,800	13	ND	ND
	09/03/99	ND[2]	3,480	4,400	ND[2]	ND[2]	ND[2]
MW-3	09/03/99	ND	ND	82.4	ND	ND	ND
MW-4	09/03/99	ND	ND	ND	ND	ND	ND
MW-5	06/07/99	ND[2]	ND[2]	4,000[1]	ND[2]	ND[2]	ND[2]
	09/03/99	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--
MW-7	03/15/99	ND	610	970	4.3	ND	ND
	09/03/99	ND[2]	460	872	4.36	ND[2]	ND[2]
MW-8	09/03/99	ND	ND	146	12.4	ND	ND
MW-9	12/06/99[3]	--	ND	2.7	ND	ND	ND
MW-10	03/10/00	--	ND	150	ND	ND	ND

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Tosco (Unocal) Service Station #7376

4191 First Street

Pleasanton, 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
ppb = Parts per billion
-- = Not Analyzed
ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

1 Laboratory results indicate sample contains high concentration of Hexane.
2 Detection limit raised. Refer to analytical reports.
3 Laboratory report indicates 1,2-Dichloroethane (1,2-DCA) and Ethylene dibromide (EDB) were ND.
[redacted] Laboratory report indicates [redacted] was detected at [redacted] and EDB was ND.

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 well development, each well is monitored for the presence of free-phase hydrocarbons and the depth the water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using a MMC flexi-dip 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/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-1 Well Condition: OK

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

Total Depth 86.43 ft.

Depth to Water 79.66 ft.

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

6.77 X VF 0.17 = 1.15 X 3 (case volume) = Estimated Purge Volume: 3.45 (gal.)

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

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

Starting Time: 12:31 Weather Conditions: clear
Sampling Time: 12:55 Water Color: clear Odor: no
Purging Flow Rate: 0.5 gpm. Sediment Description: _____
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:33	1	7.61	8.23	67.9			
12:35	2	7.49	8.30	68.5			
12:38	3.5	7.46	8.32	68.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-1	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-2B Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: Ø (feet) Amount Bailed (product/water): Ø (Gallons)

Total Depth 85.25 ft.

Depth to Water 82.42 ft.

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

2.83 X VF 0.17 = 0.48 X 3 (case volume) = Estimated Purge Volume: 1.44 (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: p cldy
Sampling Time: 1:28 Water Color: brn Odor: ~~slight~~ no
Purging Flow Rate: gpm. Sediment Description: Silt
Did well de-water? ~~yes~~ If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X/PO	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:18	0.5	7.67	12.64	68.0			
1:20	1	7.55	12.60	67.7			
1:23	1.5	7.57	12.57	67.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2B	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-2B	1 Amber	~	NONE	~	TPH-D

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: VarTkes

Well ID MW-3 Well Condition: OK

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

Total Depth 94.11 ft.

Depth to Water 83.23 ft.

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

10.81 X VF 0.17 = 1.83 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 5:37 Weather Conditions: cldy
Sampling Time: 6:02 Water Color: clear Odor: y
Purging Flow Rate: 1 gpm. Sediment Description: _____
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
5:39	2	7.40	10.52	67.5			
5:41	4	7.17	10.67	68.5			
5:44	6	7.08	10.74	68.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-3	1 Amber	~	NONE	~	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-4 Well Condition: OK

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

Total Depth 93.01 ft.

Depth to Water 88.54 ft.

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

4.47 X VF 0.17 = 0.75 X 3 (case volume) = Estimated Purge Volume: 2.27 (gal.)

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

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

Starting Time: 11:55 Weather Conditions: clear
Sampling Time: 12:13 Water Color: brn Odor: no
Purging Flow Rate: _____ gpm. Sediment Description: silt
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
	1	7.87	6.24	68.5			
	2	7.71	6.17	67.9			
	2.5	7.67	6.13	67.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-4	1 Amber	~	NONE	~	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vontka

Well ID MW-5 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: 0.64 (feet) Amount Bailed (product/water): 4 (Gallons)

Total Depth 72.52 ft.

Depth to Water 64.56 ft.

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

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

Starting Time: _____ Weather Conditions: _____
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	3-40A	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: Not sampled due to the presence of free product

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-6 Well Condition: OK

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

Total Depth 88.00 ft.

Depth to Water 85.61 ft.

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

2.39 x VF 0.17 = 0.40 X 3 (case volume) = Estimated Purge Volume: 1.21 (gal.)

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

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

Starting Time: 1:45 Weather Conditions: p cldy
Sampling Time: 1:57 Water Color: brn Odor: no
Purging Flow Rate: _____ gpm. Sediment Description: silt
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1:47	0.5	7.73	11.70	67.2			
1:49	1	7.51	11.51	66.4			
1:52	1.5	7.47	11.46	66.1			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-6	1 Amber	-	NONE	-	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco #7376 — Job#: 180075

Address: 4191 First St. — Date: 3/10/00

City: Pleasanton — Sampler: Vartkes

Well ID: MW-7 — Well Condition: OK

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

Total Depth: 76.90 ft.

Depth to Water: 67.36 ft.

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

9.54 X VF 0.17 = 1.62 X 3 (case volume) = Estimated Purge Volume: 4.86 (gal.)

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

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

Starting Time: 4:39 — Weather Conditions: cldy

Sampling Time: 5:01 — Water Color: brn — Odor: Y

Purging Flow Rate: 0-5 gpm. — Sediment Description: silt

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm X/00	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
4:42	1.5	7.43	12.65	66.0			
4:45	3	7.30	12.73	66.8			
4:48	5	7.23	12.79	66.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-7	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-8 Well Condition: OK

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

Total Depth 86.40 ft.

Depth to Water 71.54 ft.

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

14.86 X VF 0.17 = 2.52 X 3 (case volume) = Estimated Purge Volume: 7.57 (gal.)

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

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

Starting Time: 2:15 Weather Conditions: p cldy
Sampling Time: 2:35 Water Color: brn Odor: no
Purging Flow Rate: 1 gpm. Sediment Description: Slt.
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cmX100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:18	2.6	7.65	10.70	69.9			
2:20	5	7.47	10.94	71.1			
2:23	8	7.41	10.84	72.0			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-8	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

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WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Tosco
Facility # 7376 Job#: 180075
Address: 4191 First St. Date: 3/10/00
City: Pleasanton Sampler: Vartkes

Well ID MW-9 Well Condition: OK

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

Total Depth 78.20 ft.

Depth to Water 65.94 ft.

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

12.26 X VF 0.17 = 2.08 X 3 (case volume) = Estimated Purge Volume: 6.25 (gal.)

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

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

Starting Time: 11:03 Weather Conditions: clear
Sampling Time: 11:27 Water Color: brn Odor: no
Purging Flow Rate: 1 gpm. Sediment Description: silt
Did well de-water? no If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:05	2	7.83	7.94	64.1			
11:07	4	7.65	8.02	65.1			
11:10	6.5	7.56	8.15	65.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-9	1 Amber	"	NONE	"	TPH-D

COMMENTS: _____

9/97-fieldst.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility: Tosco #7376 — Job#: 180075

Address: 4191 First St. — Date: 3/10/00

City: Pleasanton — Sampler: VarTkes

Well ID: MW-10 — Well Condition: OK

Well Diameter: 2 in. — Hydrocarbon Thickness: Ø (feet) — Amount Bailed (product/water): Ø (Gallons)

Total Depth: 92.90 ft.

Depth to Water: 85.04 ft.

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

7.86 X VF 0.17 = 1.33 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: 2:55 — Weather Conditions: cldy

Sampling Time: 4:15 — Water Color: brn — Odor: no

Purging Flow Rate: 1 gpm. — Sediment Description: Sand

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm X/00	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
2:58	2	7.63	11.47	72.1			
3:04	4	7.53	11.31	71.3			
3:06	6	7.50	11.30	70.8			
3:50	8	7.46	11.23	70.5			
3:53	10	7.43	11.26	70.3			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	3 VOA	Y	HCl	SEQUOIA	TPH(G)/btex/mtbe
MW-10	1 Amber	"	NONE	"	TPH-D
MW-10	2 VOA	"	HCl	"	8260(5) Oxy.
MW-10	2 VOA	"	"	"	1,2DCA + EDB

COMMENTS: Submersible pump plugged up at 6 ga. We bailed 4 ga.

9/97-fieldst.frm

TOSCO

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

Facility Number: TOSCO (UNOCAL) SS#7376
Facility Address: 4191 First Street, Pleasanton, CA
Consultant Project Number: 180075.85
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): ~~Ms. Tina R. Petty~~ DAVID DEWITT
(Phone): ~~(510)~~ 277-~~2321~~ 2334
Laboratory Name: Sequoia Analytical
Laboratory Release Number: WO03346
Samples Collected by (Name): Vartkes Tashjian
Collection Date: 3/10/00
Signature: Vartkes Tashjian

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)	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 (TCAP or AA)	8260(5) CW.comp. 1,2 DCA & EDB				DO NOT BILL TB-LB ANALYSIS Remarks
TB-LB	01A	1	W	G		HCl	Y	X												
MW-1	02A-D	4	"	"	1255 P	"	"	X	X											
MW-2B	03	4	"	"	1228 P	"	"	X	X											
MW-3	04	4	"	"	1202 P	"	"	X	X											
MW-4	05	4	"	"	1213 P	"	"	X	X											
MW-6	06	4	"	"	1157 P	"	"	X	X											
MW-7	07	4	"	"	1140 P	"	"	X	X											
MW-8	08	4	"	"	1133 P	"	"	X	X											
MW-9	09	4	"	"	1127 P	"	"	X	X											
MW-10	10A-H	8	"	"	1113 P	"	"	X	X							X	X			
																				7°C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Vartkes Tashjian	G-R Inc.	3/10/00 7:20 pm	K. Cesa		3/10/00 1920
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Norell Cruz	SEQ	3/14/00			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			WC		3/14/00 16:50

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

Sequoia Analytical

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30 March, 2000

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

RE: Tosco
Sequoia Report: W003346

Enclosed are the results of analyses for samples received by the laboratory on 10-Mar-00 19:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alan B. Kemp
Laboratory Director

CA ELAP Certificate #1271

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 7376 Project Manager: Deanna L. Harding	**Reported:** 30-Mar-00 10:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W003346-01	Water	10-Mar-00 00:00	10-Mar-00 19:20
MW-1	W003346-02	Water	10-Mar-00 12:55	10-Mar-00 19:20
MW-2B	W003346-03	Water	10-Mar-00 13:28	10-Mar-00 19:20
MW-3	W003346-04	Water	10-Mar-00 18:02	10-Mar-00 19:20
MW-4	W003346-05	Water	10-Mar-00 12:13	10-Mar-00 19:20
MW-6	W003346-06	Water	10-Mar-00 13:57	10-Mar-00 19:20
MW-7	W003346-07	Water	10-Mar-00 17:05	10-Mar-00 19:20
MW-8	W003346-08	Water	10-Mar-00 14:35	10-Mar-00 19:20
MW-9	W003346-09	Water	10-Mar-00 11:27	10-Mar-00 19:20
MW-10	W003346-10	Water	10-Mar-00 16:15	10-Mar-00 19:20

Alan B. Kemp, Laboratory Director

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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 (W003346-01) Water Sampled: 10-Mar-00 00:00 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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		*103 %*	*70-130*		"	"	"	"	
MW-1 (W003346-02) Water Sampled: 10-Mar-00 12:55 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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	**100**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.7 %*	*70-130*		"	"	"	"	
MW-2B (W003346-03) Water Sampled: 10-Mar-00 13:28 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	250	ug/l	5	0C21001	21-Mar-00	21-Mar-00	EPA 8015M/8020	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98.3 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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
MW-2B (W003346-03RE1) Water Sampled: 10-Mar-00 13:28 Received: 10-Mar-00 19:20									
Methyl tert-butyl ether	**6900**	1300	ug/l	500	0C21001	21-Mar-00	22-Mar-00	EPA 8015M/8020	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	
MW-3 (W003346-04) Water Sampled: 10-Mar-00 18:02 Received: 10-Mar-00 19:20									**P-01**
Purgeable Hydrocarbons	**5100**	2500	ug/l	50	0C21001	21-Mar-00	21-Mar-00	EPA 8015M/8020	
Benzene	**340**	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Ethylbenzene	**97**	25	"	"	"	"	"	"	
Xylenes (total)	**450**	25	"	"	"	"	"	"	
Methyl tert-butyl ether	**200**	130	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.7 %*	*70-130*		"	"	"	"	
MW-4 (W003346-05) Water Sampled: 10-Mar-00 12:13 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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		*100 %*	*70-130*		"	"	"	"	
MW-6 (W003346-06) Water Sampled: 10-Mar-00 13:57 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C22001	22-Mar-00	22-Mar-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	**64**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.7 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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
MW-7 (W003346-07) Water Sampled: 10-Mar-00 17:05 Received: 10-Mar-00 19:20									**P-02**
Purgeable Hydrocarbons	**2900**	500	ug/l	10	0C23001	23-Mar-00	23-Mar-00	EPA 8015M/8020	
Benzene	**1600**	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	**40**	5.0	"	"	"	"	"	"	
Xylenes (total)	**54**	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**1100**	25	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*120 %*	*70-130*		"	"	"	"	
MW-8 (W003346-08) Water Sampled: 10-Mar-00 14:35 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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	**150**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.7 %*	*70-130*		"	"	"	"	
MW-9 (W003346-09) Water Sampled: 10-Mar-00 11:27 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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	**2.5**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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
MW-10 (W003346-10) Water Sampled: 10-Mar-00 16:15 Received: 10-Mar-00 19:20									
Purgeable Hydrocarbons	ND	50	ug/l	1	0C21001	21-Mar-00	21-Mar-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	**130**	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*97.7 %*		*70-130*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (W003346-02) Water	**Sampled: 10-Mar-00 12:55**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	**51**	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	D-12
Surrogate: n-Pentacosane		*109 %*	*50-150*		"	"	"	"	
MW-2B (W003346-03) Water	**Sampled: 10-Mar-00 13:28**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	**1500**	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		*251 %*	*50-150*		"	"	"	"	*D-07*
MW-3 (W003346-04) Water	**Sampled: 10-Mar-00 18:02**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	**2500**	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		*139 %*	*50-150*		"	"	"	"	
MW-4 (W003346-05) Water	**Sampled: 10-Mar-00 12:13**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	ND	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	
Surrogate: n-Pentacosane		*129 %*	*50-150*		"	"	"	"	
MW-6 (W003346-06) Water	**Sampled: 10-Mar-00 13:57**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	ND	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	
Surrogate: n-Pentacosane		*134 %*	*50-150*		"	"	"	"	
MW-7 (W003346-07) Water	**Sampled: 10-Mar-00 17:05**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	**930**	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		*150 %*	*50-150*		"	"	"	"	
MW-8 (W003346-08) Water	**Sampled: 10-Mar-00 14:35**	**Received: 10-Mar-00 19:20**							
Diesel Range Hydrocarbons	**61**	50	ug/l	1	0C22003	22-Mar-00	28-Mar-00	EPA 8015M	D-12
Surrogate: n-Pentacosane		*147 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 7376 Project Manager: Deanna L. Harding	**Reported:** 30-Mar-00 10:58

Diesel Hydrocarbons (C9-C24) by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (W003346-09) Water Sampled: 10-Mar-00 11:27 Received: 10-Mar-00 19:20									
Diesel Range Hydrocarbons	**150**	50	ug/l	1	0C22003	22-Mar-00	29-Mar-00	EPA 8015M	D-12
Surrogate: n-Pentacosane		*180 %*	*50-150*		"	"	"	"	*D-07*
MW-10 (W003346-10) Water Sampled: 10-Mar-00 16:15 Received: 10-Mar-00 19:20									
Diesel Range Hydrocarbons	**78**	50	ug/l	1	0C22003	22-Mar-00	29-Mar-00	EPA 8015M	D-14
Surrogate: n-Pentacosane		*114 %*	*50-150*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

Volatile Organic Compounds by EPA Method 8260A

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (W003346-10) Water Sampled: 10-Mar-00 16:15 Received: 10-Mar-00 19:20									
tert-Butyl alcohol	ND	100	ug/l	1	0C19001	20-Mar-00	21-Mar-00	EPA 8260A	
Methyl tert-butyl ether	**150**	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	**22**	2.0	"	"	"	"	"	"	
Ethylene dibromide	ND	2.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*90.0 %*		*50-150*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*78.0 %*		*50-150*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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 0C21001 - EPA 5030B [P/T]										
Blank (0C21001-BLK1)				Prepared & Analyzed: 21-Mar-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	*31.2*		"	*30.0*		*104*	*70-130*			
LCS (0C21001-BS1)				Prepared & Analyzed: 21-Mar-00						
Benzene	16.4	0.50	ug/l	20.0		82.0	70-130			
Toluene	17.0	0.50	"	20.0		85.0	70-130			
Ethylbenzene	19.6	0.50	"	20.0		98.0	70-130			
Xylenes (total)	55.5	0.50	"	60.0		92.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.6*		"	*30.0*		*92.0*	*70-130*			
Matrix Spike (0C21001-MS1)		Source: W003346-05		Prepared & Analyzed: 21-Mar-00						
Benzene	15.5	0.50	ug/l	20.0	ND	77.5	70-130			
Toluene	16.0	0.50	"	20.0	ND	80.0	70-130			
Ethylbenzene	18.1	0.50	"	20.0	ND	90.5	70-130			
Xylenes (total)	51.2	0.50	"	60.0	ND	85.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.5*		"	*30.0*		*91.7*	*70-130*			
Matrix Spike Dup (0C21001-MSD1)		Source: W003346-05		Prepared & Analyzed: 21-Mar-00						
Benzene	15.9	0.50	ug/l	20.0	ND	79.5	70-130	2.55	20	
Toluene	16.3	0.50	"	20.0	ND	81.5	70-130	1.86	20	
Ethylbenzene	16.8	0.50	"	20.0	ND	84.0	70-130	7.45	20	
Xylenes (total)	52.4	0.50	"	60.0	ND	87.3	70-130	2.32	20	
Surrogate: a,a,a-Trifluorotoluene	*26.5*		"	*30.0*		*88.3*	*70-130*			

Sequoia Analytical

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

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 0C22001 - EPA 5030B [P/T]										
Blank (0C22001-BLK1)				Prepared & Analyzed: 22-Mar-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	*32.6*		"	*30.0*		*109*	*70-130*			
LCS (0C22001-BS1)				Prepared & Analyzed: 22-Mar-00						
Benzene	16.1	0.50	ug/l	20.0		80.5	70-130			
Toluene	16.5	0.50	"	20.0		82.5	70-130			
Ethylbenzene	18.7	0.50	"	20.0		93.5	70-130			
Xylenes (total)	53.5	0.50	"	60.0		89.2	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.7*		"	*30.0*		*92.3*	*70-130*			
Matrix Spike (0C22001-MS1)		Source: W003347-03		Prepared & Analyzed: 22-Mar-00						
Benzene	15.7	0.50	ug/l	20.0	ND	78.5	70-130			
Toluene	15.8	0.50	"	20.0	ND	79.0	70-130			
Ethylbenzene	15.3	0.50	"	20.0	ND	76.5	70-130			
Xylenes (total)	51.3	0.50	"	60.0	ND	85.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*26.4*		"	*30.0*		*88.0*	*70-130*			
Matrix Spike Dup (0C22001-MSD1)		Source: W003347-03		Prepared & Analyzed: 22-Mar-00						
Benzene	15.9	0.50	ug/l	20.0	ND	79.5	70-130	1.27	20	
Toluene	16.0	0.50	"	20.0	ND	80.0	70-130	1.26	20	
Ethylbenzene	18.1	0.50	"	20.0	ND	90.5	70-130	16.8	20	
Xylenes (total)	51.4	0.50	"	60.0	ND	85.7	70-130	0.195	20	
Surrogate: a,a,a-Trifluorotoluene	*26.4*		"	*30.0*		*88.0*	*70-130*			

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 7376 Project Manager: Deanna L. Harding	**Reported:** 30-Mar-00 10:58

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 0C23001 - EPA 5030B [P/T]										
Blank (0C23001-BLK1)				Prepared & Analyzed: 23-Mar-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	*31.2*		"	*30.0*		*104*	*70-130*			
LCS (0C23001-BS1)				Prepared & Analyzed: 23-Mar-00						
Benzene	16.0	0.50	ug/l	20.0		80.0	70-130			
Toluene	16.6	0.50	"	20.0		83.0	70-130			
Ethylbenzene	17.3	0.50	"	20.0		86.5	70-130			
Xylenes (total)	55.7	0.50	"	60.0		92.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.6*		"	*30.0*		*92.0*	*70-130*			
Matrix Spike (0C23001-MS1)		Source: W003347-05		Prepared & Analyzed: 23-Mar-00						
Benzene	16.1	0.50	ug/l	20.0	ND	80.5	70-130			
Toluene	16.7	0.50	"	20.0	ND	83.5	70-130			
Ethylbenzene	15.6	0.50	"	20.0	ND	78.0	70-130			
Xylenes (total)	54.6	0.50	"	60.0	ND	91.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*26.3*		"	*30.0*		*87.7*	*70-130*			
Matrix Spike Dup (0C23001-MSD1)		Source: W003347-05		Prepared & Analyzed: 23-Mar-00						
Benzene	16.3	0.50	ug/l	20.0	ND	81.5	70-130	1.23	20	
Toluene	16.9	0.50	"	20.0	ND	84.5	70-130	1.19	20	
Ethylbenzene	17.3	0.50	"	20.0	ND	86.5	70-130	10.3	20	
Xylenes (total)	54.9	0.50	"	60.0	ND	91.5	70-130	0.548	20	
Surrogate: a,a,a-Trifluorotoluene	*26.6*		"	*30.0*		*88.7*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

Volatile Organic Compounds by EPA Method 8260A - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C19001 - EPA 5030B [P/T]										
Blank (0C19001-BLK1)				Prepared & Analyzed: 17-Mar-00						
Ethanol	ND	500	ug/l							
tert-Butyl alcohol	ND	100	"							
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	*55.0*		"	*50.0*		*110*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*55.0*		"	*50.0*		*110*	*50-150*			
LCS (0C19001-BS1)				Prepared & Analyzed: 17-Mar-00						
Methyl tert-butyl ether	60.8	2.0	ug/l	50.0		122	70-130			
Surrogate: Dibromofluoromethane	*54.0*		"	*50.0*		*108*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*52.0*		"	*50.0*		*104*	*50-150*			
Matrix Spike (0C19001-MS1)		Source: W003125-10		Prepared & Analyzed: 17-Mar-00						
Methyl tert-butyl ether	43.1	2.0	ug/l	50.0	ND	86.2	60-150			
Surrogate: Dibromofluoromethane	*51.0*		"	*50.0*		*102*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*51.0*		"	*50.0*		*102*	*50-150*			
Matrix Spike (0C19001-MS2)		Source: W003275-02		Prepared & Analyzed: 20-Mar-00						
Methyl tert-butyl ether	46.1	2.0	ug/l	50.0	6.4	79.4	60-150			
Surrogate: Dibromofluoromethane	*46.0*		"	*50.0*		*92.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*39.0*		"	*50.0*		*78.0*	*50-150*			
Matrix Spike Dup (0C19001-MSD1)		Source: W003125-10		Prepared & Analyzed: 17-Mar-00						
Methyl tert-butyl ether	43.2	2.0	ug/l	50.0	ND	86.4	60-150	0.232	25	
Surrogate: Dibromofluoromethane	*51.0*		"	*50.0*		*102*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*50.0*		"	*50.0*		*100*	*50-150*			

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Gettler Ryan, Inc. - Dublin	Project: Tosco	
6747 Sierra Court Suite J	Project Number: Tosco # 7376	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	30-Mar-00 10:58

Volatile Organic Compounds by EPA Method 8260A - Quality Control

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0C19001 - EPA 5030B [P/T]										
Matrix Spike Dup (0C19001-MSD2)		**Source: W003275-02**		Prepared & Analyzed: 20-Mar-00						
Methyl tert-butyl ether	59.0	2.0	ug/l	50.0	6.4	105	60-150	24.5	25	
Surrogate: Dibromofluoromethane	*47.0*		"	*50.0*		*94.0*	*50-150*			
Surrogate: 1,2-Dichloroethane-d4	*41.0*		"	*50.0*		*82.0*	*50-150*			

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Tosco Project Number: Tosco # 7376 Project Manager: Deanna L. Harding	**Reported:** 30-Mar-00 10:58

Notes and Definitions

D-07	Surrogate out of control limits because of peak coelution with the sample.
D-12	Chromatogram Pattern: Unidentified Hydrocarbons > C16
D-14	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
P-01	Chromatogram Pattern: Gasoline C6-C12
P-02	Chromatogram Pattern: Gasoline C6-C12 + Unidentified Hydrocarbons <C6
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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Sequoia Analytical - Walnut Creek	Project:	N/A	Sampled: 9/3/99
404 N Wiget Lane	Project Number:	(WO#909289)	Received: 9/15/99
Walnut Creek, CA 94598	Project Manager:	Julianne Fegley	Reported: 9/20/99

Notes and Definitions

#	Note
D	Data reported from a dilution.
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