

FEB 26 2003

RO 361

Environmental Health



GETTLER-RYAN INC.

TRANSMITTAL

February 6, 2003

G-R #180075

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

CC: Mr. David Vossler
Gettler-Ryan Inc.
Petaluma, California

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

RE: **Tosco (Unocal) Service Station
#7376
4191 First Street
Pleasanton, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	February 4, 2003	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 27, 2002 <i>Fourth</i>

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by **February 21, 2003**, this report will be distributed to the following:

cc: Mr. Scott Seary, Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
Ms. Carol Mahoney, Zone 7 Water District, 5997 Parkside Drive, Pleasanton, CA 94588

Enclosure

trans/7376-dbd



GETTLER-RYAN INC.

February 4, 2003
G-R Job #180075

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

RE: Fourth Quarter Event of December 30, 2002
Groundwater Monitoring & Sampling Report
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

Dear Mr. De Witt:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are summarized in Table 1. 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 and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical report are also attached.

Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285

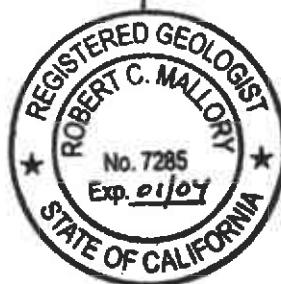


Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Product Thickness/Removal Data
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets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

7376.qxd

EXPLANATION

- ◆ Groundwater monitoring well
- × Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- 99.99- Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring

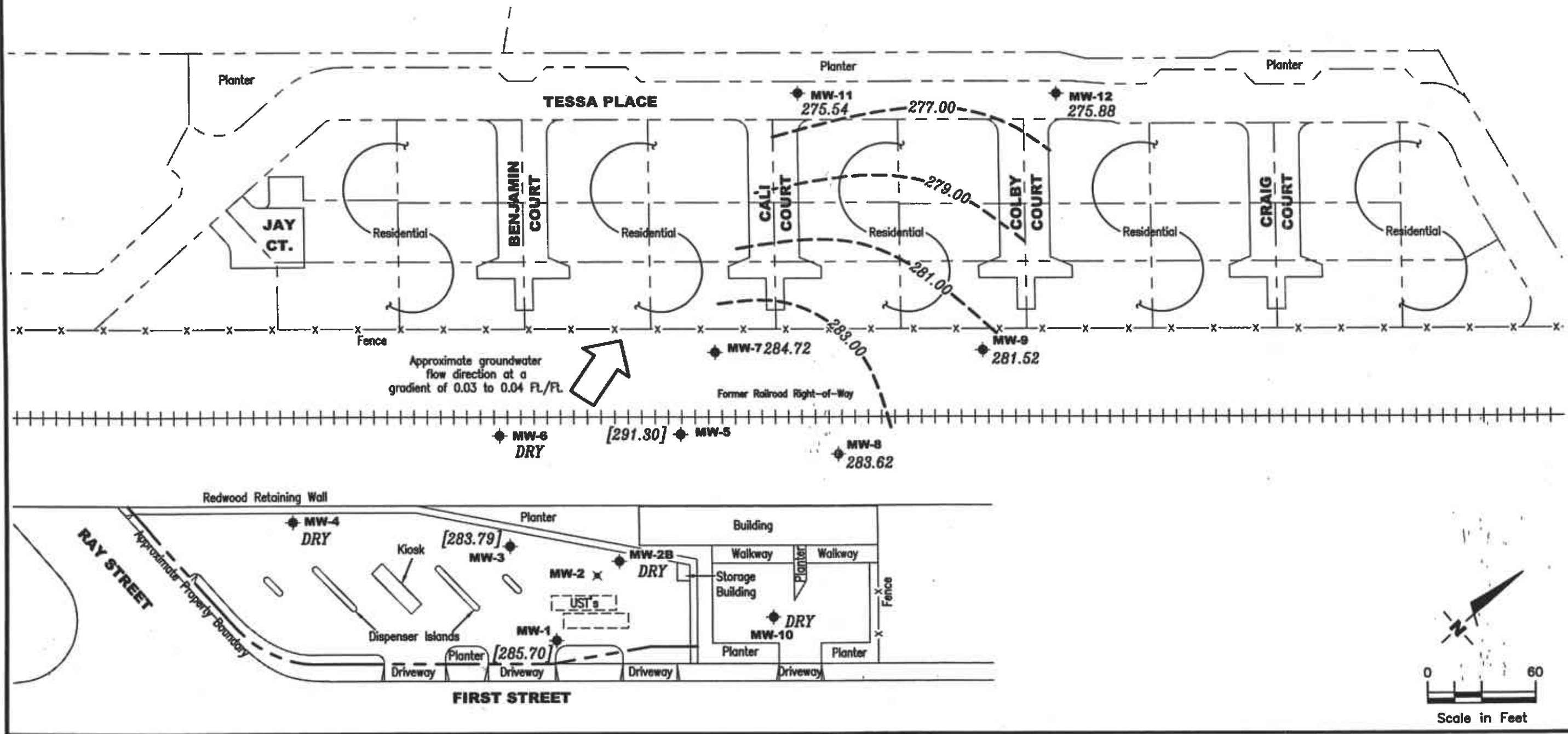


FIGURE **1**

POTENTIOMETRIC MAP
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

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

PROJECT NUMBER
180075

REVIEWED BY

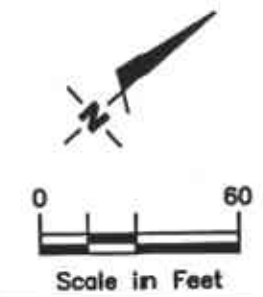
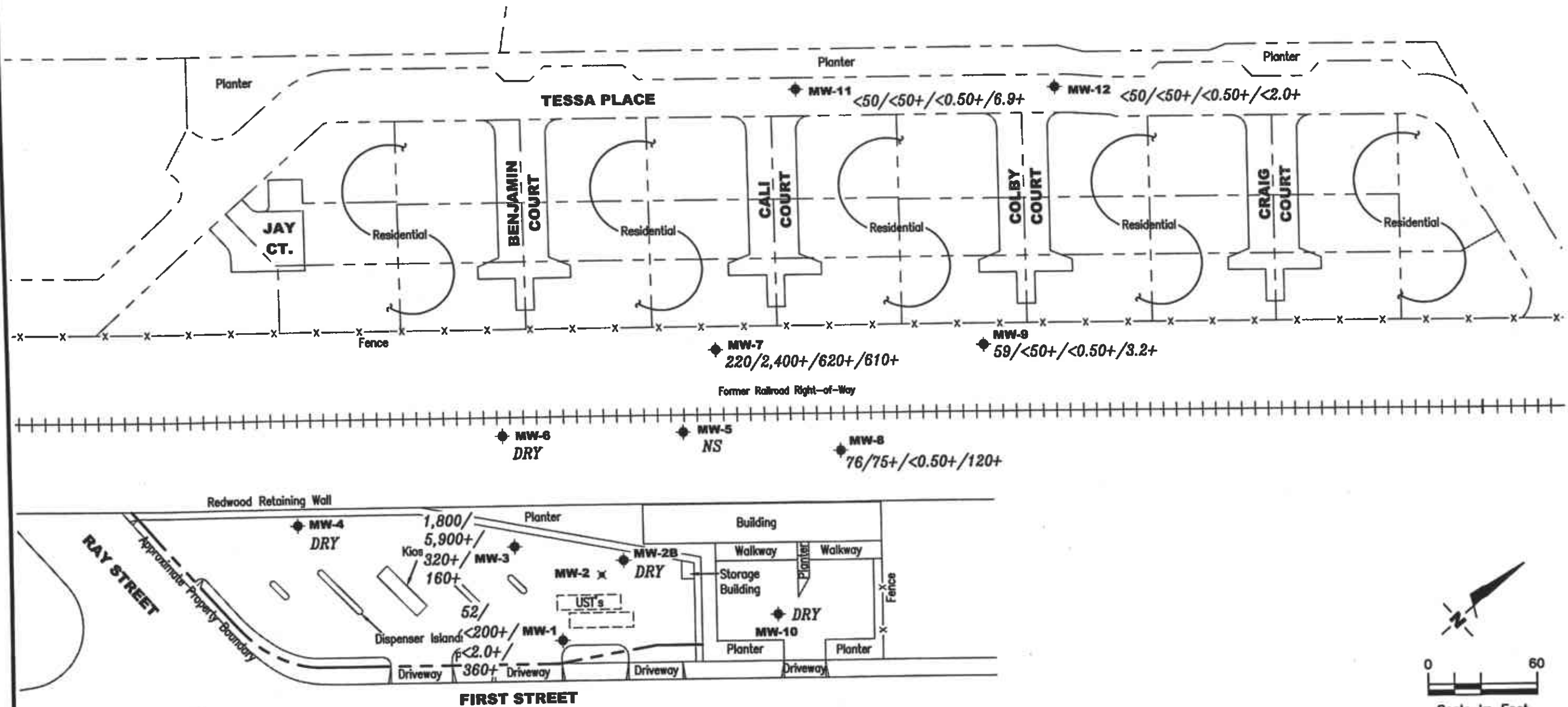
DATE
 December 30, 2002

REVISED DATE

FILE NAME: P:\ENVR\10600\7376\002-7376.DWG | Layout Tab: Plot

EXPLANATION

- ◆ Groundwater monitoring well
- × Abandoned well
- A/B/C/D Total Petroleum Hydrocarbons (TPH) as Diesel/TPH as Gasoline/Benzene/MTBE concentrations in ppb
- NS Not Sampled
- + Analysis by EPA Method 8260



CONCENTRATION MAP
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

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

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	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	--	65.0-95.0	--	--	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	-- ⁶
	09/06/95	79.00		287.99	0.00	690	ND	ND	ND	ND	ND	--
	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
	06/08/00	79.57		287.41	0.00	68.2 ²⁰	ND	ND	ND	ND	ND	98.9
	09/25/00	79.48		287.50	0.00	ND	ND	ND	ND	ND	ND	145
	12/19/00	79.64		287.34	0.00	ND	ND	ND	ND	ND	ND	330
	03/05/01	80.03		286.95	0.00	505 ²⁰	ND	ND	ND	ND	ND	711

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4191 First Street
Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1 (cont)	06/14/01	79.52	65.0-95.0	287.46	0.00	71 ²⁰	ND	ND	ND	ND	ND	680
	09/17/01	79.76		287.22	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	11
	09/25/01	79.71		287.27	0.00	--	--	--	--	--	--	--
	12/17/01	80.73		286.25	0.00	<53	<50	<0.50	<0.50	<0.50	<0.50	210/240 ²⁷
	03/15/02	79.51		287.47	0.00	<52	<500	<5.0	<5.0	<5.0	<5.0	1,200
	06/20/02 ³⁹	79.60		287.38	0.00	<50	580 ⁹	<5.0	<5.0	<5.0	<10	810
	09/27/02 ³⁹	80.76		286.22	0.00	<100	67 ⁴⁰	<0.50	<0.50	<0.50	<1.0	71
	12/30/02 ³⁹	81.28		285.70	0.00	52 ⁴⁰	<200	<2.0	<2.0	<2.0	<4.0	360
MW-2	12/08/87	--	--	--	--	620 ²	1,800 ³	910	800	260	1,200	--
	12/07/94	DAMAGED		--	--	--	--	--	--	--	--	--
DESTROYED												
MW-2B 365.05	03/01/95	80.80	65.0-85.0	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	0.00	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	0.00	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
08/18/98		83.99		281.06	0.00	--	--	--	--	--	--	--

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-2B (cont)	09/22/98	83.89	65.0-85.0	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	
	06/08/00	82.73		282.32	0.00	-- ³⁴	ND ¹¹	ND ¹¹	ND ¹¹	ND ¹¹	ND ¹¹	7,780	
	09/25/00	84.24		280.81	0.00	2,900 ²⁰	52.9 ³⁰	8.83	6.58	0.932	5.60	12,200	
	12/19/00	84.39		280.66	0.00	700 ¹⁹	ND ¹¹	ND ¹¹	ND ¹¹	ND ¹¹	ND ¹¹	6,000	
	03/05/01	84.61		280.44	0.00	-- ³⁶	ND	ND	ND	ND	ND	5,890	
	NP	06/14/01	83.53		281.52	0.00	570 ²⁰	ND	ND	ND	ND	ND	6,600
		09/17/01	84.55		280.50	0.00	-- ³⁶	<200	<2.0	<2.0	<2.0	<2.0	5,100
		09/25/01	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--
	12/17/01	DRY		--	--	--	--	--	--	--	--	--	
	03/15/02	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	
	06/20/02	DRY		--	--	--	--	--	--	--	--	--	
	09/27/02	DRY		--	--	--	--	--	--	--	--	--	
	12/30/02	DRY		--	--	--	--	--	--	--	--	--	
MW-3													
	12/08/87	--	76.5-96.5	--	--	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	

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Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	06/15/96	75.13	76.5-96.5	291.88	0.00	400 ⁴	780	190	8.8	3.8	4.0	630
	(cont) 09/18/96	82.84		284.17	0.00	170	2,800	340	12	11	110	2,500
367.03	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	
	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	ND	24
	12/15/98	83.29	283.74	0.00	ND	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	
	06/08/00	83.22	283.81	0.00	489 ²⁰	1,200 ³⁰	52.0	ND ¹¹	41.7	356	55.8	
	09/25/00	83.37	283.66	0.00	4,380 ²⁰	3,400 ³⁰	305	ND ¹¹	25.4	512	137	
	12/19/00	83.27	283.76	0.00	5,600 ³⁵	6,800 ³⁰	260	ND ¹¹	120	950	130	
	03/05/01	83.34	283.69	0.00	3,790 ²⁰	16,800 ³⁰	1,100	48.6	637	4,260	224	
	06/14/01	83.39	283.64	0.00	1,300 ²⁰	1,800 ³⁰	260	ND ¹¹	5.5	25	83	
	09/17/01	84.10	282.93	0.00	290 ²⁰	<50	0.50	<0.50	<0.50	<0.50	71	
	09/25/01	84.23	282.80	0.00	--	--	--	--	--	--	--	
	12/17/01	83.32	283.71	0.00	700	1,800 ³⁰	120	<5.0	45	270	80/91 ²⁷	
	03/15/02	83.27	283.76	0.00	3,600 ³⁸	15,000	160	<50	140	4,400	<250	
06/20/02 ³⁹	83.74	283.29	0.00	1,300 ⁵	3,700	98	0.69	4.0	2.3	92		
09/27/02 ³⁹	84.20	282.83	0.00	<100	210 ⁴⁰	<0.50	<0.50	<0.50	<1.0	67		
12/30/02 ³⁹	83.24	283.79	0.00	1,800 ⁴⁰	5,900	320	<5.0	80	1,500	160		

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	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	73.0-93.0	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
	06/08/00	86.98		281.83	0.00	72.8 ²⁰	ND	ND	ND	ND	ND	ND
	09/25/00	DRY		--	--	--	--	--	--	--	--	--
	12/19/00	DRY		--	--	--	--	--	--	--	--	--
	03/05/01	DRY		--	--	--	--	--	--	--	--	--
	06/14/01	DRY		--	--	--	--	--	--	--	--	--
	09/17/01	DRY		--	--	--	--	--	--	--	--	--
	09/25/01	DRY		--	--	--	--	--	--	--	--	--
	12/17/01	DRY		--	--	--	--	--	--	--	--	--
	03/15/02	DRY		--	--	--	--	--	--	--	--	--
	06/20/02	DRY		--	--	--	--	--	--	--	--	--
	09/27/02	DRY		--	--	--	--	--	--	--	--	--
	12/30/02	DRY		--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Thickness (ft.)							
MW-5												
363.23	09/18/96	64.20	52.0-72.0	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						--
	12/23/98	68.42		295.18**	0.50	--	--	--	--	--	--	--
	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						--
	06/08/00	66.47		297.13**	0.51	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	09/25/00	69.02		294.65**	0.60	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	12/19/00	68.31		295.01**	0.14	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	03/05/01	64.19		299.08**	0.08	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	06/14/01	64.02		299.27**	0.11	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	09/17/01	72.07		291.17**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	09/25/01	72.17		291.06**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	12/17/01	72.11		291.12**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	03/15/02	66.93		296.45**	0.22	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	06/20/02	69.71		293.82**	0.42	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT						--
	09/27/02	72.07		291.14	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER						--
	12/30/02	71.91		291.30	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER						--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #7376
 4191 First Street
 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	Product	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Thickness (ft.)							
MW-6												
363.12	09/18/96	79.07	68.0-88.0	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	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	12/06/99	DRY		--	--	--	--	--	--	--	--	--
	03/10/00	85.61		277.52	0.00	ND	ND	ND	ND	ND	ND	64
	06/08/00	87.36		275.77	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	09/25/00	DRY		--	--	--	--	--	--	--	--	--
	12/19/00	87.73		275.40	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	03/05/01	87.82		275.31	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	06/14/01	87.69		275.44	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	09/17/01	87.70		275.43	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	09/25/01	DRY		--	--	--	--	--	--	--	--	--
	12/17/01	87.74		275.39	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
	03/15/02	87.72		275.41	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--

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 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	06/20/02	87.79	68.0-88.0	275.34	0.00	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--
(cont)	09/27/02	DRY		--	--	--	--	--	--	--	--	--
	12/30/02	DRY		--	--	--	--	--	--	--	--	--
MW-7												
355.97	06/26/98	--	55.0-75.0	--	--	--	--	--	--	--	--	--
	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
	06/08/00	69.81		286.16	0.00	463 ²⁰	625 ³⁰	30.8	ND	0.761	0.940	1,290 ³⁵
	09/25/00	70.15		285.82	0.00	1,810 ²⁰	2,180 ²²	423	ND ¹¹	ND ¹¹	ND ¹¹	1,510
	12/19/00	70.11		285.86	0.00	930 ³²	5,900 ³¹	1,000	ND ¹¹	ND ¹¹	ND ¹¹	1,300
	03/05/01	68.72		287.25	0.00	801 ²⁰	13,200 ³⁰	5,070	195	306	385	1,530
	06/14/01	70.00		285.97	0.00	710 ²⁰	6,400 ³⁰	3,300	85	96	170	1,000
	09/17/01	70.28		285.69	0.00	860 ²⁰	11,000 ³⁷	3,000	<50	<50	<50	750
	09/25/01	70.49		285.48	0.00	--	--	--	--	--	--	--
	12/17/01	71.35		284.62	0.00	470	5,800 ³⁰	1,100	<10	<10	<10	760/670 ²⁷
	03/15/02	68.56		287.41	0.00	830 ³⁸	2,800	850	22	74	39	360
	06/20/02 ³⁹	70.01		285.96	0.00	710 ⁵	9,900	3,200	23	41	<40	540
	09/27/02 ³⁹	71.50		284.47	0.00	300 ⁴⁰	4,200 ⁴⁰	710	<10	<10	<20	390
	12/30/02 ³⁹	71.25		284.72	0.00	220 ⁴⁰	2,400	620	<2.5	20	53	610

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8												
362.37	06/26/98	63.00	66.0-86.0	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
	06/08/00	72.60		289.23	0.00	135 ²⁰	ND	ND	ND	ND	ND	42.8
	09/25/00	75.31		286.52	0.00	518 ²⁰	ND	ND	ND	ND	ND	227
	12/19/00	75.54		286.29	0.00	100 ¹⁹	ND	ND	ND	ND	ND	160
	03/05/01	75.91		285.92	0.00	161 ²⁰	ND	ND	ND	ND	ND	125
	06/14/01	75.51		286.32	0.00	94 ²⁰	ND	ND	ND	ND	ND	140
	09/17/01	77.19		284.64	0.00	60 ²⁰	<50	<0.50	<0.50	<0.50	<0.50	110
	09/25/01	77.17		284.66	0.00	--	--	--	--	--	--	--
	12/17/01	79.94		281.89	0.00	<52	<50	<0.50	<0.50	<0.50	<0.50	140/170 ²⁷
	03/15/02	76.82		285.01	0.00	69 ³⁸	<50	<0.50	<0.50	<0.50	<0.50	72
	06/20/02 ³⁹	77.73		284.10	0.00	<50	83 ⁹	<0.50	<0.50	<0.50	<1.0	80
	09/27/02 ³⁹	78.94		282.89	0.00	130 ⁴⁰	160 ⁴⁰	<0.50	<0.50	<0.50	<1.0	94
	12/30/02 ³⁹	78.21		283.62	0.00	76 ⁴⁰	75 ⁴⁰	<0.50	<0.50	<0.50	<1.0	120
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
	06/08/00	70.77		284.08	0.00	67.8 ²⁰	ND	ND	ND	ND	ND	ND

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product								
					Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-9 (cont)	09/25/00	74.75	--	280.10	0.00	903 ²⁰	ND	ND	ND	0.516	ND	ND	10.5
	12/19/00	74.43		280.42	0.00	ND	ND	ND	ND	ND	ND	ND	ND
	03/05/01	74.63		280.22	0.00	96.5 ²⁰	ND	ND	ND	ND	ND	ND	ND
	06/14/01	74.75		280.10	0.00	ND	ND	ND	ND	ND	ND	ND	ND
	09/17/01	74.78		280.07	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/25/01	74.83		280.02	0.00	--	--	--	--	--	--	--	--
	12/17/01	74.80		280.05	0.00	<52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0/<1.0 ²⁷
	03/15/02	74.83		280.02	0.00	<51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	06/20/02 ³⁹	74.88		279.97	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	0.75
	09/27/02 ³⁹	75.38		279.47	0.00	<110	<50	<0.50	<0.50	<0.50	<0.50	<1.0	3.6
	12/30/02 ³⁹	73.33		281.52	0.00	59 ⁴⁰	<50	<0.50	<0.50	<0.50	<0.50	<1.0	3.2
	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	ND	130/150 ²⁷
06/08/00		DRY		--	--	--	--	--	--	--	--	--	--
09/25/00		DRY		--	--	--	--	--	--	--	--	--	--
12/19/00		DRY		--	--	--	--	--	--	--	--	--	--
03/05/01		DRY		--	--	--	--	--	--	--	--	--	--
06/14/01		DRY		--	--	--	--	--	--	--	--	--	--
09/17/01		DRY		--	--	--	--	--	--	--	--	--	--
09/25/01		DRY		--	--	--	--	--	--	--	--	--	--
12/17/01		DRY		--	--	--	--	--	--	--	--	--	--
03/15/02		DRY		--	--	--	--	--	--	--	--	--	--
06/20/02		DRY		--	--	--	--	--	--	--	--	--	--
09/27/02	DRY		--	--	--	--	--	--	--	--	--	--	
12/30/02	DRY		--	--	--	--	--	--	--	--	--	--	

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 4191 First Street
 Pleasanton, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11												
354.66	09/25/01	81.24	--	273.42	0.00	<50	<50	≤0.50	<0.50	<0.50	<0.50	9.0
	12/17/01	80.47		274.19	0.00	110	<50	<0.50	<0.50	<0.50	<0.50	10/14 ²⁷
	03/15/02	79.42		275.24	0.00	140 ³⁸	<50	<0.50	<0.50	<0.50	<0.50	7.6
	06/20/02 ³⁹	80.69		273.97	0.00	<60	<50	<0.50	<0.50	<0.50	<1.0	7.7
	09/27/02 ³⁹	81.58		273.08	0.00	<110	<50	<0.50	<0.50	<0.50	<1.0	5.6
	12/30/02 ³⁹	79.12		275.54	0.00	<50	<50	<0.50	<0.50	2.0	6.1	6.9
MW-12												
354.08	09/25/01	80.78	--	273.30	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	12/17/01	80.02		274.06	0.00	77	<50	<0.50	<0.50	<0.50	<0.50	<5.0/<1.0 ²⁷
	03/15/02	78.88		275.20	0.00	<51	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	06/20/02 ³⁹	80.34		273.74	0.00	<58	<50	<0.50	<0.50	<0.50	<1.0	0.83
	09/27/02 ³⁹	81.50		272.58	0.00	<100	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	12/30/02 ³⁹	78.20		275.88	0.00	<50	<50	<0.50	<0.50	<0.50	<1.0	<2.0
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

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TB-LB (cont)	06/08/00	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/25/00	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	12/19/00	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	03/05/01	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	06/14/01	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	09/17/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/25/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	12/17/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	03/15/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	QA	06/20/02 ³⁹	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0
09/27/02 ³⁹		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0
12/30/02 ³⁹		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0

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 (ft.) = Feet	TPH-D = Total Petroleum Hydrocarbons as Diesel	(ppb) = Parts per billion
DTW = Depth to Water	TPH-G = Total Petroleum Hydrocarbons as Gasoline	ND = Not Detected
S.I. = Screen Interval	B = Benzene	-- = Not Measured/Not Analyzed
(ft.bgs) = Feet Below Ground Surface	T = Toluene	NP = No Purge
GWE = Groundwater Elevation	E = Ethylbenzene	QA = Quality Assurance/Trip Blank
(msl) = Mean sea level	X = Xylenes	
	MTBE = Methyl tertiary butyl ether	

- * TOC elevations were re-surveyed September 22, 2001, using the previous measurement references, (Benchmark Elevation = 353.92 feet, NGVD 29). 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). TOC elevations have been surveyed relative to 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).
- ** GWE corrected for the presence of free product; correction factor: [(TOC - DTW) + (Product Thickness x 0.77)].
- *** GWE 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.

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #7376
4191 First Street
Pleasanton, California

EXPLANATIONS: (cont)

- 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.
- 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.
- 34 The diesel container for MW-2 was broken at lab, therefore; unable to report diesel result.
- 35 Laboratory report indicates unidentified hydrocarbons <C16.
- 36 Laboratory was unable to report diesel result due to insufficient amount of sample.
- 37 Laboratory report indicates unidentified hydrocarbons C6-C10.
- 38 Laboratory report indicates unidentified hydrocarbons C10-C28.
- 39 TPH-G, BTEX and MTBE by EPA Method 8260.
- 40 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

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
	06/08/00	66.47	0.51	0.00
	09/25/00	69.02	0.60	0.00
	12/19/00	68.31	0.14	0.00
	03/05/01	64.19	0.08	0.00
	06/14/01	64.02	0.11	0.00
	09/17/01	72.07	0.04	0.00
	09/25/01	72.17	0.03	0.00
	12/17/01	72.11	0.03	0.00
	03/15/02	66.93	0.22	0.00
	06/20/02	69.71	0.42	0.00
	09/27/02	72.07	0.00	0.00
	12/30/02	71.91	0.00	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)	1,2-DCA (ppb)	EDB (ppb)
MW-1	09/03/99	ND	ND	55.2	ND	ND	ND	--	--
	12/17/01	<1,000	<40	240	<2.0	<2.0	<2.0	<2.0	<2.0
	06/20/02	--	--	810	--	--	--	--	--
	09/27/02	--	--	71	--	--	--	--	--
	12/30/02	<2,000	<400	360	<8.0	<8.0	<8.0	<8.0	<8.0
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	--	--
	12/17/01	DRY	--	--	--	--	--	--	--
	12/30/02	DRY	--	--	--	--	--	--	--
MW-3	09/03/99	ND	ND	82.4	ND	ND	ND	--	--
	12/17/01	<500	26	91	<1.0	<1.0	<1.0	<1.0	<1.0
	06/20/02	--	--	92	--	--	--	--	--
	09/27/02	--	--	67	--	--	--	--	--
	12/30/02	<5,000	<1,000	160	<20	<20	<20	<20	<20
MW-4	09/03/99	ND	ND	ND	ND	ND	ND	--	--
	12/17/01	DRY	--	--	--	--	--	--	--
	12/30/02	DRY	--	--	--	--	--	--	--
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				--	--	--	--
	12/17/01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT				--	--	--	--
	09/27/02	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
	12/30/02	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--

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)	1,2-DCA (ppb)	EDB (ppb)
MW-6	12/14/01	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--
	09/27/02	DRY	--	--	--	--	--	--	--
	12/30/02	DRY	--	--	--	--	--	--	--
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	--	--
	12/17/01	<5,000	<200	670	<10	<10	<10	<10	<10
	06/20/02	--	--	540	--	--	--	--	--
	09/27/02	--	--	390	--	--	--	--	--
	12/30/02	<2,500	<500	610	<10	<10	<10	<10	<10
MW-8	09/03/99	ND	ND	146	12.4	ND	ND	--	--
	12/17/01	<500	77	170	9.8	<1.0	<1.0	<1.0	<1.0
	06/20/02	--	--	80	--	--	--	--	--
	09/27/02	--	--	94	--	--	--	--	--
	12/30/02	<500	<100	120	7.1	<2.0	<2.0	<2.0	<2.0
MW-9	12/06/99	--	ND	2.7	ND	ND	ND	ND	ND
	12/17/01	<500	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/20/02	--	--	0.75	--	--	--	--	--
	09/27/02	--	--	3.6	--	--	--	--	--
	12/30/02	<500	<100	3.2	<2.0	<2.0	<2.0	<2.0	<2.0
MW-10	03/10/00	--	ND	150	ND	ND	ND	22	ND
	12/17/01	DRY	--	--	--	--	--	--	--
	12/30/02	DRY	--	--	--	--	--	--	--

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)	1,2-DCA (ppb)	EDB (ppb)
MW-11	12/17/01	<500	<20	14	<1.0	<1.0	<1.0	<1.0	<1.0
	06/20/02	--	--	7.7	--	--	--	--	--
	09/27/02	--	--	5.6	--	--	--	--	--
	12/30/02	<500	<100	6.9	<2.0	<2.0	<2.0	<2.0	<2.0
MW-12	12/17/01	<500	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/20/02	--	--	0.83	--	--	--	--	--
	09/27/02	--	--	<2.0	--	--	--	--	--
	12/30/02	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

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
1,2-DCA = Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
ND = Not Detected
QA = Quality Assurance
-- = Not Analyzed

¹ Laboratory results indicate sample contains high concentration of Hexane.

² Detection limit raised. Refer to analytical reports.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376
 Site Address: 4191 First Street
 City: Pleasanton, CA

Job Number: 180075
 Event Date: 12-30-02 (inclusive)
 Sampler: GR

Well ID: MW-1
 Well Diameter: 2 1/4 in.
 Total Depth: 86.45 ft.
 Depth to Water: 81.28 ft.

Date Monitored: 12/30/02 Well Condition: OK

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

5.17 x VF 0.17 = 0.88 x3 (case volume) = Estimated Purge Volume: 2.5 gal.

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1225 Weather Conditions: overcast / Drizzle
 Sample Time/Date: 1258 / 12-30-02 Water Color: Clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1235</u>	<u>1</u>	<u>7.27</u>	<u>511</u>	<u>75.7</u>	_____	_____
<u>1240</u>	<u>2</u>	<u>7.22</u>	<u>506</u>	<u>75.1</u>	_____	_____
<u>1243</u>	<u>2.5</u>	<u>7.21</u>	<u>508</u>	<u>75.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-1</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12/30/02 (inclusive)
 City: Pleasanton, CA Sampler: G.R.

Well ID: MW-3 Date Monitored: 12-30-02 Well Condition: OK

Well Diameter: (2) 4 in.
 Total Depth: 94.10 ft.
 Depth to Water: 83.24 ft.

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

10.86 x VF 0.17 = 1.85 x3 (case volume) = Estimated Purge Volume: 5.5 gal.

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1310 Weather Conditions: overcast / Drizzly
 Sample Time/Date: 1355 12/30/02 Water Color: Clear Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1320</u>	<u>2</u>	<u>7.10</u>	<u>576</u>	<u>25.1</u>		
<u>1332</u>	<u>4</u>	<u>7.05</u>	<u>571</u>	<u>25.1</u>		
<u>1339</u>	<u>5.5</u>	<u>7.04</u>	<u>574</u>	<u>25.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-3</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12-30-07 (inclusive)
 City: Pleasanton, CA Sampler: Gruber

Well ID: MW-4 Date Monitored: 12-30-07 Well Condition: OK
 Well Diameter: (2) 4 in.
 Total Depth: 92.85 ft.
 Depth to Water: Dry ft.

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

$\text{VF} \times \text{VF} = \text{_____} \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: _____ gal.}$

Purge Equipment:

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

Sampling Equipment:

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

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

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity ($\mu\text{mhos/cm}$)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voc vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's(8260)
	x Amber	YES	NP	STL Pleasanton	TPH-D

COMMENTS: Dry well - No Sample

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12-30-02 (inclusive)
 City: Pleasanton, CA Sampler: GIL

Well ID: MW-5 Date Monitored: 12-30-02 Well Condition: _____
 Well Diameter: 2 1/4 in.
 Total Depth: 72.50 ft.
 Depth to Water: 71.91 ft.

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

0.59 x VF 0.17 = 0.1 x 3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:

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

Sampling Equipment:

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x vov vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's (B260)
MW-5	1 x Amber	YES	NP	STL Pleasanton	TPH-D

COMMENTS: Not sampled - Insufficient Water

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12-30-07 (inclusive)
 City: Pleasanton, CA Sampler: GR

Well ID: MW-6 Date Monitored: 12-30-07 Well Condition: OK
 Well Diameter: 21.4 in.
 Total Depth: 88.00 ft.
 Depth to Water: Dry ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's (8260)
	x Amber	YES	NP	STL Pleasanton	TPH-D

COMMENTS: Not sampled - Dry Well

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12-30-02 (inclusive)
 City: Pleasanton, CA Sampler: G.R.

Well ID: MW-7 Date Monitored: 12/30/02 Well Condition: OK
 Well Diameter: 21.4 in.
 Total Depth: 76.80 ft.
 Depth to Water: 71.25 ft.
 $5.55 \times VF \ 0.17 = 0.94 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 3 \text{ gal.}$

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

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1130 Weather Conditions: Overcast / Drizzle
 Sample Time/Date: 1208 / 12/30/02 Water Color: Clear Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1130</u>	<u>1</u>	<u>7.21</u>	<u>690</u>	<u>22.8</u>	_____	_____
<u>1140</u>	<u>2</u>	<u>7.13</u>	<u>681</u>	<u>22.9</u>	_____	_____
<u>1150</u>	<u>3</u>	<u>7.11</u>	<u>679</u>	<u>22.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-7</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12/30/02 (inclusive)
 City: Pleasanton, CA Sampler: GR

Well ID: MW-8 Date Monitored: 12/30/02 Well Condition: OK

Well Diameter: (2) 4 in.

Total Depth: 84.50 ft.

Depth to Water: 78.21 ft.

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

6.29 x VF 0.17 = 1.07 x3 (case volume) = Estimated Purge Volume: 3 gal.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1405 Weather Conditions: Overcast / Drizzle
 Sample Time/Date: 1445 / 12/30/02 Water Color: Clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1415</u>	<u>1</u>	<u>7.04</u>	<u>563</u>	<u>24.8</u>	_____	_____
<u>1420</u>	<u>2</u>	<u>6.99</u>	<u>554</u>	<u>24.8</u>	_____	_____
<u>1425</u>	<u>3</u>	<u>6.96</u>	<u>552</u>	<u>24.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-8</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12-30-02 (inclusive)
 City: Pleasanton, CA Sampler: G.A.

Well ID: MW-9 Date Monitored: 12/30/02 Well Condition: OK
 Well Diameter: (2) 4 in.
 Total Depth: 78.05 ft.
 Depth to Water: 73.33 ft.
4.72 xVF 0.17 ~~0.50~~ x3 (case volume) = Estimated Purge Volume: 2.5 gal.

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

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1012 Weather Conditions: Overcast / Drizzle
 Sample Time/Date: 1113 12-30-02 Water Color: light brown Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1025</u>	<u>1</u>	<u>7.20</u>	<u>670</u>	<u>23.2</u>	_____	_____
<u>1040</u>	<u>2</u>	<u>7.17</u>	<u>661</u>	<u>23.1</u>	_____	_____
<u>1053</u>	<u>2.5</u>	<u>7.16</u>	<u>660</u>	<u>23.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/B Oxy's(8260)</u>
<u>MW-9</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12/30/02 (inclusive)
 City: Pleasanton, CA Sampler: G.R.

Well ID: MW-10 Date Monitored: 12/30/02 Well Condition: OK
 Well Diameter: (2) 4 in.
 Total Depth: 93.40 ft.
 Depth to Water: 0.2 ft. *Drf*

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

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

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

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's(8290)
	x Amber	YES	NP	STL Pleasanton	TPH-D

COMMENTS: Dry well - No samples

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12/30/02 (inclusive)
 City: Pleasanton, CA Sampler: GA

Well ID: MW-11 Date Monitored: 12/30/02 Well Condition: OK
 Well Diameter: (2) 1/4 in.
 Total Depth: 86.33 ft.
 Depth to Water: 79.12 ft.
7.21 x VF 0.17 = 1.23 x3 (case volume) = Estimated Purge Volume: 3.5 gal.

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

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0905 Weather Conditions: Drizzle / overcast
 Sample Time/Date: 0921 12/30/02 Water Color: Clear Odor: No
 Purging Flow Rate: ~ gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0912</u>	<u>1</u>	<u>6.84</u>	<u>761</u>	<u>23.9</u>	_____	_____
<u>0918</u>	<u>2</u>	<u>6.96</u>	<u>759</u>	<u>23.5</u>	_____	_____
<u>0926</u>	<u>3.5</u>	<u>6.86</u>	<u>752</u>	<u>23.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-11</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Tosco #7376 Job Number: 180075
 Site Address: 4191 First Street Event Date: 12/30/07 (inclusive)
 City: Pleasanton, CA Sampler: G.R.

Well ID: MW-12 Date Monitored: 12/30/07 Well Condition: OK
 Well Diameter: (2) 4 in.
 Total Depth: 89.33 ft.
 Depth to Water: 78.20 ft.
 $11.13 \times VF \ 0.17 = 1.89 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 5.5 \text{ gal.}$

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

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 0800 Weather Conditions: Overcast / Drizzly
 Sample Time/Date: 0850 / 12/30/07 Water Color: Clear Odor: NO
 Purging Flow Rate: — gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0810</u>	<u>2</u>	<u>7.21</u>	<u>262</u>	<u>23.8</u>	_____	_____
<u>0821</u>	<u>4</u>	<u>7.10</u>	<u>256</u>	<u>23.8</u>	_____	_____
<u>0833</u>	<u>5.5</u>	<u>7.11</u>	<u>259</u>	<u>23.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>
<u>MW-12</u>	<u>1</u> x Amber	<u>YES</u>	<u>NP</u>	<u>STL Pleasanton</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

2002-12-0607

Gettler-Ryan Inc., Chain-of-Custod

P.2

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

Facility Number #7376
Facility Address 4191 FIRST STREET, PLEASANTON, CA
Global ID T0600100101 Project 180075.80
Client Contact MR. DAVID B. DEWITT
Phone (925) 277-2584

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

9256003002

st10nsite

Jan 14 03 06:32p

FILE NAME: P:\ENVIRO\X-CHEMISTRY\STD-COC.DWG | Layout Title Model

SAMPLE ID	Number of Containers Matrix	S = Soil A = Air W = Water C = Chloroform	Sample Preservation	Date/Time (2400 hrs)	TPH-GAS/ETEX/MTBE EPA 8015/8021B	TPH-DIESEL EPA 8015	TPH-DIESEL w/Silica gel EPA 8015	TPH-GAS EPA 8015	TPH-GAS/ETEX/MTBE EPA 8260	8 OXYGENATES EPA 8260	METHANOL EPA 8015	TOTAL OIL & GREASE EPA 5420	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/ALKALINITY EPA 300 SERIES	HVOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270	Remarks
QA	1	W	HCL	12/3/02					✓									
MW-1	3001 1/200	W	HCL NP	1258		✓			✓	✓								
MW-3	3001 1/200	W	HCL NP	1355		✓			✓	✓								
MW-7	3001 1/200	W	HCL NP	1208		✓			✓	✓								
MW-8	3001 1/200	W	HCL NP	1445		✓			✓	✓								
MW-9	3001 1/200	W	HCL NP	1113		✓			✓	✓								
MW-11	3001 1/200	W	HCL NP	0942		✓			✓	✓								
MW-12	3001 1/200	W	HCL NP	0850		✓			✓	✓								

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

Relinquished By (Signature) 	Organization <u>Gettler-Ryan</u>	Date/Time <u>12/20/02</u>	Received By (Signature) 	Organization	Date/Time	iced Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. <u>4.5°C</u> 72 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>J</u>		Date/Time <u>12-30-02</u>	iced Y/N <u>1410</u>	

Gettler Ryan

January 14, 2003

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180075.80

Project: Tosco # 7376

Site: 4191 First Street
Pleasanton, CA

RECEIVED
JAN. 14, 2003

Dear Ms. Harding,

Attached is our report for your samples received on 12/30/2002 14:10

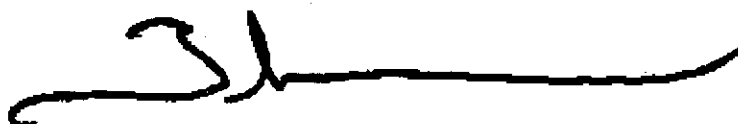
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 02/13/2003 unless you have requested otherwise.

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

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

Sincerely,



Tod Granicher
Project Manager

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180075.80
Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
QA	12/30/2002	Water	1
MW-1	12/30/2002 12:58	Water	2
MW-3	12/30/2002 13:55	Water	3
MW-7	12/30/2002 12:08	Water	4
MW-8	12/30/2002 14:45	Water	5
MW-9	12/30/2002 11:13	Water	6
MW-11	12/30/2002 09:42	Water	7
MW-12	12/30/2002 08:50	Water	8

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180075.80

Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	QA	Lab ID:	2002-12-0607 - 1
Sampled:	12/30/2002	Extracted:	1/8/2003 12:24
Matrix:	Water	QC Batch#:	2003/01/08-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/08/2003 12:24	
Benzene	ND	0.50	ug/L	1.00	01/08/2003 12:24	
Toluene	ND	0.50	ug/L	1.00	01/08/2003 12:24	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2003 12:24	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2003 12:24	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	01/08/2003 12:24	
Surrogates(s)						
1,2-Dichloroethane-d4	91.1	76-114	%	1.00	01/08/2003 12:24	
Toluene-d8	94.2	88-110	%	1.00	01/08/2003 12:24	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
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6747 Sierra Court Suite J
Dublin, CA 94568
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Project: 180075.80
Tosco # 7376

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Pleasanton, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: MW-1	Lab ID: 2002-12-0607 - 2
Sampled: 12/30/2002 12:58	Extracted: 1/9/2003 15:15
Matrix: Water	QC Batch#: 2003/01/09-01.27
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	200	ug/L	4.00	01/09/2003 15:15	
Benzene	ND	2.0	ug/L	4.00	01/09/2003 15:15	
Toluene	ND	2.0	ug/L	4.00	01/09/2003 15:15	
Ethylbenzene	ND	2.0	ug/L	4.00	01/09/2003 15:15	
Total xylenes	ND	4.0	ug/L	4.00	01/09/2003 15:15	
tert-Butyl alcohol (TBA)	ND	400	ug/L	4.00	01/09/2003 15:15	
Methyl tert-butyl ether (MTBE)	360	8.0	ug/L	4.00	01/09/2003 15:15	
Di-isopropyl Ether (DIPE)	ND	8.0	ug/L	4.00	01/09/2003 15:15	
Ethyl tert-butyl ether (ETBE)	ND	8.0	ug/L	4.00	01/09/2003 15:15	
tert-Amyl methyl ether (TAME)	ND	8.0	ug/L	4.00	01/09/2003 15:15	
1,2-DCA	ND	8.0	ug/L	4.00	01/09/2003 15:15	
EDB	ND	8.0	ug/L	4.00	01/09/2003 15:15	
Ethanol	ND	2000	ug/L	4.00	01/09/2003 15:15	
Surrogates(s)						
1,2-Dichloroethane-d4	92.8	76-114	%	4.00	01/09/2003 15:15	
Toluene-d8	95.4	88-110	%	4.00	01/09/2003 15:15	

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01/13/2003 12:42

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180075.80

Tosco # 7376

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Site: 4191 First Street

Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-3	Lab ID:	2002-12-0607 - 3
Sampled:	12/30/2002 13:55	Extracted:	1/8/2003 18:32
Matrix:	Water	QC Batch#:	2003/01/08-01.27
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	5900	500	ug/L	10.00	01/08/2003 18:32	
Benzene	320	5.0	ug/L	10.00	01/08/2003 18:32	
Toluene	ND	5.0	ug/L	10.00	01/08/2003 18:32	
Ethylbenzene	80	5.0	ug/L	10.00	01/08/2003 18:32	
Total xylenes	1500	10	ug/L	10.00	01/08/2003 18:32	
tert-Butyl alcohol (TBA)	ND	1000	ug/L	10.00	01/08/2003 18:32	
Methyl tert-butyl ether (MTBE)	160	20	ug/L	10.00	01/08/2003 18:32	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	10.00	01/08/2003 18:32	
Ethyl tert-butyl ether (ETBE)	ND	20	ug/L	10.00	01/08/2003 18:32	
tert-Amyl methyl ether (TAME)	ND	20	ug/L	10.00	01/08/2003 18:32	
1,2-DCA	ND	20	ug/L	10.00	01/08/2003 18:32	
EDB	ND	20	ug/L	10.00	01/08/2003 18:32	
Ethanol	ND	5000	ug/L	10.00	01/08/2003 18:32	
Surrogates(s)						
1,2-Dichloroethane-d4	98.5	76-114	%	10.00	01/08/2003 18:32	
Toluene-d8	96.8	88-110	%	10.00	01/08/2003 18:32	

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: MW-7	Lab ID: 2002-12-0607 - 4
Sampled: 12/30/2002 12:08	Extracted: 1/9/2003 15:37
Matrix: Water	QC Batch#: 2003/01/09-01.27
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	2400	250	ug/L	5.00	01/09/2003 15:37	
Benzene	620	2.5	ug/L	5.00	01/09/2003 15:37	
Toluene	ND	2.5	ug/L	5.00	01/09/2003 15:37	
Ethylbenzene	20	2.5	ug/L	5.00	01/09/2003 15:37	
Total xylenes	53	5.0	ug/L	5.00	01/09/2003 15:37	
tert-Butyl alcohol (TBA)	ND	500	ug/L	5.00	01/09/2003 15:37	
Methyl tert-butyl ether (MTBE)	610	10	ug/L	5.00	01/09/2003 15:37	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	01/09/2003 15:37	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	01/09/2003 15:37	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	01/09/2003 15:37	
1,2-DCA	ND	10	ug/L	5.00	01/09/2003 15:37	
EDB	ND	10	ug/L	5.00	01/09/2003 15:37	
Ethanol	ND	2500	ug/L	5.00	01/09/2003 15:37	
Surrogates(s)						
1,2-Dichloroethane-d4	99.3	76-114	%	5.00	01/09/2003 15:37	
Toluene-d8	93.7	88-110	%	5.00	01/09/2003 15:37	

Gas/BTEX Fuel Oxygenates by 8260B

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Site: 4191 First Street

Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-8	Lab ID:	2002-12-0607 - 5
Sampled:	12/30/2002 14:45	Extracted:	1/8/2003 19:15
Matrix:	Water	QC Batch#:	2003/01/08-01-27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	75	50	ug/L	1.00	01/08/2003 19:15	g
Benzene	ND	0.50	ug/L	1.00	01/08/2003 19:15	
Toluene	ND	0.50	ug/L	1.00	01/08/2003 19:15	
Ethylbenzene	ND	0.50	ug/L	1.00	01/08/2003 19:15	
Total xylenes	ND	1.0	ug/L	1.00	01/08/2003 19:15	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	01/08/2003 19:15	
Methyl tert-butyl ether (MTBE)	120	2.0	ug/L	1.00	01/08/2003 19:15	
Di-isopropyl Ether (DIPE)	7.1	2.0	ug/L	1.00	01/08/2003 19:15	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/08/2003 19:15	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/08/2003 19:15	
1,2-DCA	ND	2.0	ug/L	1.00	01/08/2003 19:15	
EDB	ND	2.0	ug/L	1.00	01/08/2003 19:15	
Ethanol	ND	500	ug/L	1.00	01/08/2003 19:15	
Surrogates(s)						
1,2-Dichloroethane-d4	98.3	76-114	%	1.00	01/08/2003 19:15	
Toluene-d8	94.4	88-110	%	1.00	01/08/2003 19:15	

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco # 7376

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Site: 4191 First Street
Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-9	Lab ID:	2002-12-0607-6
Sampled:	12/30/2002 11:13	Extracted:	1/9/2003 15:58
Matrix:	Water	QC Batch#:	2003/01/09-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/09/2003 15:58	
Benzene	ND	0.50	ug/L	1.00	01/09/2003 15:58	
Toluene	ND	0.50	ug/L	1.00	01/09/2003 15:58	
Ethylbenzene	ND	0.50	ug/L	1.00	01/09/2003 15:58	
Total xylenes	ND	1.0	ug/L	1.00	01/09/2003 15:58	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	01/09/2003 15:58	
Methyl tert-butyl ether (MTBE)	3.2	2.0	ug/L	1.00	01/09/2003 15:58	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/09/2003 15:58	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/09/2003 15:58	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/09/2003 15:58	
1,2-DCA	ND	2.0	ug/L	1.00	01/09/2003 15:58	
EDB	ND	2.0	ug/L	1.00	01/09/2003 15:58	
Ethanol	ND	500	ug/L	1.00	01/09/2003 15:58	
Surrogates(s)						
1,2-Dichloroethane-d4	95.2	76-114	%	1.00	01/09/2003 15:58	
Toluene-d8	93.6	88-110	%	1.00	01/09/2003 15:58	

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco # 7376

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Site: 4191 First Street

Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-11	Lab ID:	2002-12-0607 - 7
Sampled:	12/30/2002 09:42	Extracted:	1/9/2003 17:03
Matrix:	Water	QC Batch#:	2003/01/09-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/09/2003 17:03	
Benzene	ND	0.50	ug/L	1.00	01/09/2003 17:03	
Toluene	ND	0.50	ug/L	1.00	01/09/2003 17:03	
Ethylbenzene	2.0	0.50	ug/L	1.00	01/09/2003 17:03	
Total xylenes	6.1	1.0	ug/L	1.00	01/09/2003 17:03	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	01/09/2003 17:03	
Methyl tert-butyl ether (MTBE)	6.9	2.0	ug/L	1.00	01/09/2003 17:03	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/09/2003 17:03	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/09/2003 17:03	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/09/2003 17:03	
1,2-DCA	ND	2.0	ug/L	1.00	01/09/2003 17:03	
EDB	ND	2.0	ug/L	1.00	01/09/2003 17:03	
Ethanol	ND	500	ug/L	1.00	01/09/2003 17:03	
Surrogates(s)						
1,2-Dichloroethane-d4	97.6	76-114	%	1.00	01/09/2003 17:03	
Toluene-d8	92.9	88-110	%	1.00	01/09/2003 17:03	

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-12	Lab ID:	2002-12-0607 - 8
Sampled:	12/30/2002 08:50	Extracted:	1/9/2003 17:25
Matrix:	Water	QC Batch#:	2003/01/09-01.27

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	01/09/2003 17:25	
Benzene	ND	0.50	ug/L	1.00	01/09/2003 17:25	
Toluene	ND	0.50	ug/L	1.00	01/09/2003 17:25	
Ethylbenzene	ND	0.50	ug/L	1.00	01/09/2003 17:25	
Total xylenes	ND	1.0	ug/L	1.00	01/09/2003 17:25	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	01/09/2003 17:25	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	01/09/2003 17:25	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	01/09/2003 17:25	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	01/09/2003 17:25	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	01/09/2003 17:25	
1,2-DCA	ND	2.0	ug/L	1.00	01/09/2003 17:25	
EDB	ND	2.0	ug/L	1.00	01/09/2003 17:25	
Ethanol	ND	500	ug/L	1.00	01/09/2003 17:25	
Surrogates(s)						
1,2-Dichloroethane-d4	100.0	76-114	%	1.00	01/09/2003 17:25	
Toluene-d8	95.8	88-110	%	1.00	01/09/2003 17:25	

Gas/BTEX Fuel Oxygenates by 8260B

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Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/01/08-01.27-006

Water

Test(s): 8260FAB

QC Batch # 2003/01/08-01.27

Date Extracted: 01/08/2003 11:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/08/2003 11:02	
Benzene	ND	0.5	ug/L	01/08/2003 11:02	
Toluene	ND	0.5	ug/L	01/08/2003 11:02	
Ethylbenzene	ND	0.5	ug/L	01/08/2003 11:02	
Total xylenes	ND	1.0	ug/L	01/08/2003 11:02	
tert-Butyl alcohol (TBA)	ND	100	ug/L	01/08/2003 11:02	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	01/08/2003 11:02	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	01/08/2003 11:02	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	01/08/2003 11:02	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	01/08/2003 11:02	
1,2-DCA	ND	2.0	ug/L	01/08/2003 11:02	
EDB	ND	2.0	ug/L	01/08/2003 11:02	
Ethanol	ND	500	ug/L	01/08/2003 11:02	
Surrogates(s)					
1,2-Dichloroethane-d4	96.8	76-114	%	01/08/2003 11:02	
Toluene-d8	94.8	88-110	%	01/08/2003 11:02	

Gas/BTEX Fuel Oxygenates by 8260B

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 Site: 4191 First Street
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Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/01/09-01.27-005

Water

Test(s): 8260FAB

QC Batch # 2003/01/09-01.27

Date Extracted: 01/09/2003 11:11

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	01/09/2003 11:11	
Benzene	ND	0.5	ug/L	01/09/2003 11:11	
Toluene	ND	0.5	ug/L	01/09/2003 11:11	
Ethylbenzene	ND	0.5	ug/L	01/09/2003 11:11	
Total xylenes	ND	1.0	ug/L	01/09/2003 11:11	
tert-Butyl alcohol (TBA)	ND	100	ug/L	01/09/2003 11:11	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	01/09/2003 11:11	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	01/09/2003 11:11	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	01/09/2003 11:11	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	01/09/2003 11:11	
1,2-DCA	ND	2.0	ug/L	01/09/2003 11:11	
EDB	ND	2.0	ug/L	01/09/2003 11:11	
Ethanol	ND	500	ug/L	01/09/2003 11:11	
Surrogates(s)					
1,2-Dichloroethane-d4	96.0	76-114	%	01/09/2003 11:11	
Toluene-d8	96.6	88-110	%	01/09/2003 11:11	

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Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180075.80

Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/01/08-01.27

LCS 2003/01/08-01.27-003

Extracted: 01/08/2003

Analyzed: 01/08/2003 10:12

LCSD 2003/01/08-01.27-004

Extracted: 01/08/2003

Analyzed: 01/08/2003 10:41

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	31.5	29.6	25.0	126.0	118.4	6.2	65-165	20		
Benzene	26.1	26.0	25.0	104.4	104.0	0.4	69-129	20		
Toluene	24.6	24.9	25.0	98.4	99.6	1.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	487	452	500	97.4	90.4		76-114			
Toluene-d8	474	478	500	94.8	95.6		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180075.80
Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Batch QC Report

Prep(s): 5030B Test(s): 8260FAB

Laboratory Control Spike Water QC Batch # 2003/01/09-01.27

LCS 2003/01/09-01.27-003 Extracted: 01/09/2003 Analyzed: 01/09/2003 10:21

LCSD 2003/01/09-01.27-004 Extracted: 01/09/2003 Analyzed: 01/09/2003 10:49

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	25.4	24.8	25.0	101.6	99.2	2.4	69-129	20		
Toluene	25.1	24.9	25.0	100.4	99.6	0.8	70-130	20		
Methyl tert-butyl ether (MTBE)	30.3	31.7	25.0	121.2	126.8	4.5	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	466	490	500	93.2	98.0		76-114			
Toluene-d8	477	473	500	95.4	94.6		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

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Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Batch QC Report			
Prep(s): 5030B			Test(s): 8260FAB
Matrix Spike (MS / MSD)	Water	QC Batch # 2003/01/09-01.27	
MW-9 >> MS		Lab ID:	2002-12-0607 - 006
MS: 2003/01/09-01.27-019	Extracted: 01/09/2003	Analyzed:	01/09/2003 16:20
		Dilution:	1.00
MSD: 2003/01/09-01.27-020	Extracted: 01/09/2003	Analyzed:	01/09/2003 16:42
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	25.3	25.3	ND	25.0	101.2	101.2	0.0	69-129	20		
Toluene	25.2	25.0	ND	25.0	100.8	100.0	0.8	70-130	20		
Methyl tert-butyl ether	34.9	38.9	3.22	25.0	126.7	142.7	11.9	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	483	517		500	96.6	103.4		76-114			
Toluene-d8	476	479		500	95.1	95.9		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
Attn.: Deanna Harding

6747 Sierra Court Suite J
Dublin, CA 94568
Phone: (925) 551-7444 Fax: (925) 551-7899

Project: 180075.80
Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Legend and Notes

Analysis Flag

0

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

9

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Diesel

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Pleasanton, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-1	12/30/2002 12:58	Water	2
MW-3	12/30/2002 13:55	Water	3
MW-7	12/30/2002 12:08	Water	4
MW-8	12/30/2002 14:45	Water	5
MW-9	12/30/2002 11:13	Water	6
MW-11	12/30/2002 09:42	Water	7
MW-12	12/30/2002 08:50	Water	8

Diesel

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Pleasanton, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-1	Lab ID:	2002-12-0607 - 2
Sampled:	12/30/2002 12:58	Extracted:	1/6/2003 11:02
Matrix:	Water	QC Batch#:	2003/01/06-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	52	50	ug/L	1.00	01/08/2003 01:05	ndp
<i>Surrogates(s)</i> o-Terphenyl	57.1	60-130	%	1.00	01/08/2003 01:05	sl

Diesel

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Pleasanton, CA

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-3	Lab ID: 2002-12-0607 - 3
Sampled: 12/30/2002 13:55	Extracted: 12/31/2002 06:24
Matrix: Water	QC Batch#: 2002/12/31-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1800	50	ug/L	1.00	01/02/2003 19:13	ndp
<i>Surrogates(s)</i> o-Terphenyl	58.9	60-130	%	1.00	01/02/2003 19:13	sl

Diesel

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Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-7	Lab ID: 2002-12-0607 - 4
Sampled: 12/30/2002 12:08	Extracted: 12/31/2002 06:24
Matrix: Water	QC Batch#: 2002/12/31-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	220	50	ug/L	1.00	01/02/2003 19:50	ndp
<i>Surrogates(s)</i> o-Terphenyl	87.3	60-130	%	1.00	01/02/2003 19:50	

Diesel

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Tosco # 7376

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Pleasanton, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-8	Lab ID:	2002-12-0607 - 5
Sampled:	12/30/2002 14:45	Extracted:	12/31/2002 06:24
Matrix:	Water	QC Batch#:	2002/12/31-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	76	50	ug/L	1.00	01/02/2003 20:28	ndp
Surrogates(s) o-Terphenyl	68.0	60-130	%	1.00	01/02/2003 20:28	

Diesel

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Tosco # 7376

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Pleasanton, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-9	Lab ID:	2002-12-0607 - 6
Sampled:	12/30/2002 11:13	Extracted:	1/6/2003 11:02
Matrix:	Water	QC Batch#:	2003/01/06-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	59	50	ug/L	1.00	01/08/2003 02:18	ndp
Surrogates(s)						
o-Terphenyl	59.9	60-130	%	1.00	01/08/2003 02:18	sl

Diesel

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Project: 180075.80

Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street

Pleasanton, CA

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	MW-11	Lab ID:	2002-12-0607 - 7
Sampled:	12/30/2002 09:42	Extracted:	12/31/2002 06:24
Matrix:	Water	QC Batch#:	2002/12/31-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	01/02/2003 21:42	
<i>Surrogates(s)</i>						
o-Terphenyl	48.4	60-130	%	1.00	01/02/2003 21:42	sl

Diesel

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Tosco # 7376

Received: 12/30/2002 14:10

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Pleasanton, CA

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: MW-12	Lab ID: 2002-12-0607-8
Sampled: 12/30/2002 08:50	Extracted: 12/31/2002 06:24
Matrix: Water	QC Batch#: 2002/12/31-01:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	01/02/2003 22:19	
<i>Surrogates(s)</i> o-Terphenyl	52.7	60-130	%	1.00	01/02/2003 22:19	sl

Diesel

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Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2002/12/31-01.10-001

Water

Test(s): 8015M

QC Batch # 2002/12/31-01.10

Date Extracted: 12/31/2002 06:24

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	12/31/2002 15:05	
Surrogates(s) o-Terphenyl	83.9	60-130	%	12/31/2002 15:05	

Diesel

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Project: 180075.80
Tosco # 7376

Received: 12/30/2002 14:10

Site: 4191 First Street
Pleasanton, CA

Batch QC Report					
Prep(s): 3510/8015M			Test(s): 8015M		
Method Blank			Water		
MB: 2003/01/06-03.10-003			QC Batch # 2003/01/06-03.10		
			Date Extracted: 01/06/2003 11:02		

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	01/06/2003 17:04	
Surrogates(s) o-Terphenyl	88.6	60-130	%	01/06/2003 17:04	

Diesel

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Batch QC Report										
Prep(s): 3510/8015M						Test(s): 8015M				
Laboratory Control Spike				Water			QC Batch # 2002/12/31-01.10			
LCS	2002/12/31-01.10-002			Extracted: 12/31/2002			Analyzed: 12/31/2002 13:51			
LCSD	2002/12/31-01.10-003			Extracted: 12/31/2002			Analyzed: 12/31/2002 14:28			
Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	698	802	1000	69.8	80.2	13.9	60-130	25		
Surrogates(s) o-Terphenyl	13.2	16.1	20.0	66.0	80.7		60-130	0		

Diesel

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Batch QC Report										
Prep(s): 3510/8015M							Test(s): 8015M			
Laboratory Control Spike				Water			QC Batch # 2003/01/06-03.10			
LCS	2003/01/06-03.10-001			Extracted: 01/06/2003			Analyzed: 01/06/2003 15:43			
LCSD	2003/01/06-03.10-002			Extracted: 01/06/2003			Analyzed: 01/06/2003 16:24			
Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	894	945	1000	89.4	94.5	5.5	60-130	25		
Surrogates(s) o-Terphenyl	18.8	18.6	20.0	94.0	92.9		60-130	0		

Diesel

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Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

sl

Surrogate recoveries were lower than QC limit due to matrix interference, confirmed by reanalysis.