

20-499

Shaw Environmental & Infrastructure, Inc.



Date: August 1, 2003  
Project: 831436-05367001

To: Ms. Eva Chu  
Hazardous Materials Specialist  
Alameda Co. Health Care Services Agency  
1131 Harbor Bay Parkway #250  
Alameda, CA 94502

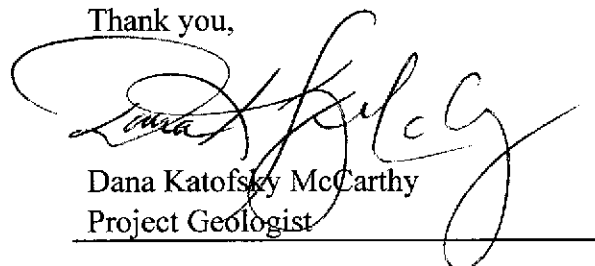
We have enclosed:

Copies	Description
<u>1</u>	<u>Case Closure Summary for 76 Service Station 5367 located at</u> <u>500 Bancroft Avenue, San Leandro</u>
<u>1</u>	<u>Gettler-Ryan Inc. Monitoring and Sampling Report dated 04/21/03</u>

For your:  Use  
 Approval  
 Review  
 Information

Comments: Dear Ms. Chu:

Per ConocoPhillip's request, I have enclosed the Case Closure Summary for the site  
referenced above for your review. Also included is a copy of the latest site monitoring  
and sampling report for your immediate use. If you have any questions, please do not  
hesitate to contact me at (408) 382-5884.

Thank you,  
  
Dana Katofsky McCarthy  
Project Geologist

**CASE CLOSURE SUMMARY**  
**Leaking Underground Fuel Storage Tank Program**

**I. AGENCY INFORMATION:**

**DATE:** 08/01/03

Agency name: Alameda County HCSA  
City/State/Zip: Alameda, CA 94502  
Responsible staff person: Eva Chu

Address: 1131 Harbor Bay Pkwy #250  
Phone: (510) 567-6700  
Title: Hazardous Materials Specialist

**II. CASE INFORMATION**

Site facility name: 76 Service Station 5367

Site facility address: 500 Bancroft Avenue at Dowling Boulevard, San Leandro, CA

RB LUSTIS Case No: N/A

Local Case No./LOP Case No.: N/A

URF filing date: N/A

SWEEPS No: N/A

**Responsible Parties:**

**Addresses:**

**Phone Numbers:**

ConocoPhillips Company

76 Broadway  
Sacramento, CA 95818

(916) 558-7666

<b><u>Tank No:</u></b>	<b><u>Size in gal.:</u></b>	<b><u>Contents:</u></b>	<b><u>Closed in-place or removed?:</u></b>	<b><u>Date:</u></b>
1.	12,000	Diesel	Open	10/98
2.	12,000	Gasoline	Open	10/98
3.	12,000	Gasoline	Open	10/98
4.	N/A	Gasoline	Removed	9/87
5.	N/A	Gasoline	Removed	9/87

**III. RELEASE AND SITE CHARACTERIZATION INFORMATION**

Cause and type of release: Gasoline hydrocarbon release due to leak in underground storage tank system.

Site characterization complete? Yes.

Date approved by oversight agency: April 11, 1997

Monitoring Wells installed? Yes. Number: 5 on-site, 5 off-site

Proper screened interval? Yes.

Highest GW depth below ground surface: 15.60 feet bgs. Lowest depth: 38.02 feet bgs.

Flow direction: West to southwest.

Most sensitive current use: Potential drinking water.

Are drinking water wells affected? No.

Is surface water affected? No.

Off-site beneficial use impacts (addresses/locations): N/A.

## Leaking Underground Fuel Storage Tank Program

Report(s) on file? YES    Where is report filed?    Alameda County HCSA  
 1131 Harbor Bay Pkwy  
 Alameda CA 94502

### Treatment and Disposal of Affected Material:

<u>Material</u>	<u>Amount (include units)</u>	<u>Action (Treatment or Disposal w/destination)</u>	<u>Date</u>
Tanks	2	disposed of, destination unknown	9/87
Piping	all	Disposed of, destination unknown	9/87
	all	Disposed of, destination unknown	10/98
Free Product	120 pounds	Removed by remedial systems, bailing	9/87-11/87
Soil	250 cubic yards	Disposed of, Durham Rd. Landfill	11/87
	30 cubic yards	Disposed of, Forward Landfill, Manteca, CA	11/98
Groundwater	637,151 gallons	Treated, discharged to storm drain	3/96-3/97
	N/A	Well purgewater disposed, ConocoPhillips SF Bay Refineries	on-going
Barrels	N/A	N/A	N/A

### III. RELEASE AND SITE CHARACTERIZATION INFORMATION (Continued)

#### Maximum Documented Contaminant Concentrations - Before and After Cleanup

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	587.3	N/A	0.38 feet product	43,000
TPH (Diesel)	3,692	N/A	N/A	N/A
Benzene	22.1	N/A	0.38 feet product	<250
Toluene	129	N/A	0.38 feet product	<250
Xylenes	394	N/A	0.38 feet product	6,800
Ethylbenzene	65	N/A	0.38 feet product	2,200
Oil & Grease	NA	N/A	N/A	N/A
Heavy metals (lead)	11	N/A	N/A	N/A
Other (MtBE)	N/A	N/A	0.38 feet product	<1,000

#### Comments (Depth of Remediation, etc.):

During first semi-annual monitoring and sampling event on March 16, 2003, fuel oxygenate compounds ethanol, tBA, DIPE, MtBE, EtBE, tAME, 1,2-DCA, and EDB were not detected in the groundwater samples collected from wells MW-1 through MW-7.

### IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes.

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes.

Does corrective action protect public health for current land use? Yes.

Site management requirements: N/A

Should corrective action be reviewed if land use changes? Yes.

Monitoring wells Decommissioned: No.

**Leaking Underground Fuel Storage Tank Program**

Number Decommissioned: 0      Number Retained: 10

List enforcement actions taken: None.

List enforcement actions rescinded: None.

**V. LOCAL AGENCY REPRESENTATIVE DATA**

Name: Eva Chu

Title: Hazardous Materials Specialist

Signature:

Date:

**Reviewed by**

Name: Tom Peacock

Title: Supervising Hazardous Materials Specialist

Signature:

Date:

Name:

Title: Hazardous Materials Specialist

Signature:

Date:

**VI. RWQCB NOTIFICATION**

Date Submitted to RWQCB:

RWQCB Response:

RWQCB Staff Name: Chuck Headlee

Title: San. Eng. Assoc.

**VII. ADDITIONAL COMMENTS, DATA, ETC.**

Active remediation was terminated when influent concentrations to the soil vapor extraction system reached non-detectable concentrations. Based on the cumulative findings of groundwater monitoring and sampling data, the dissolved hydrocarbon plume appears to be stable. MtBE has not been detected in groundwater samples from site wells since March 2001.



# GETTLER-RYAN INC.

April 21, 2003  
G-R Job #180108

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

**RE: First Semi-Annual Event of March 16, 2003**  
Groundwater Monitoring & Sampling Report  
Tosco (Unocal) Service Station #5367  
500 Bancroft Avenue  
San Leandro, California

Dear Mr. De Witt:

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

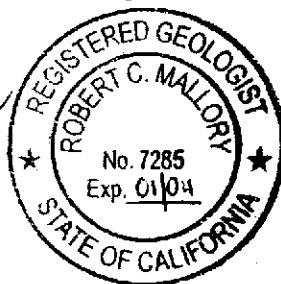
Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are summarized in Table 1. Dissolved Oxygen Concentrations are summarized in Table 3. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

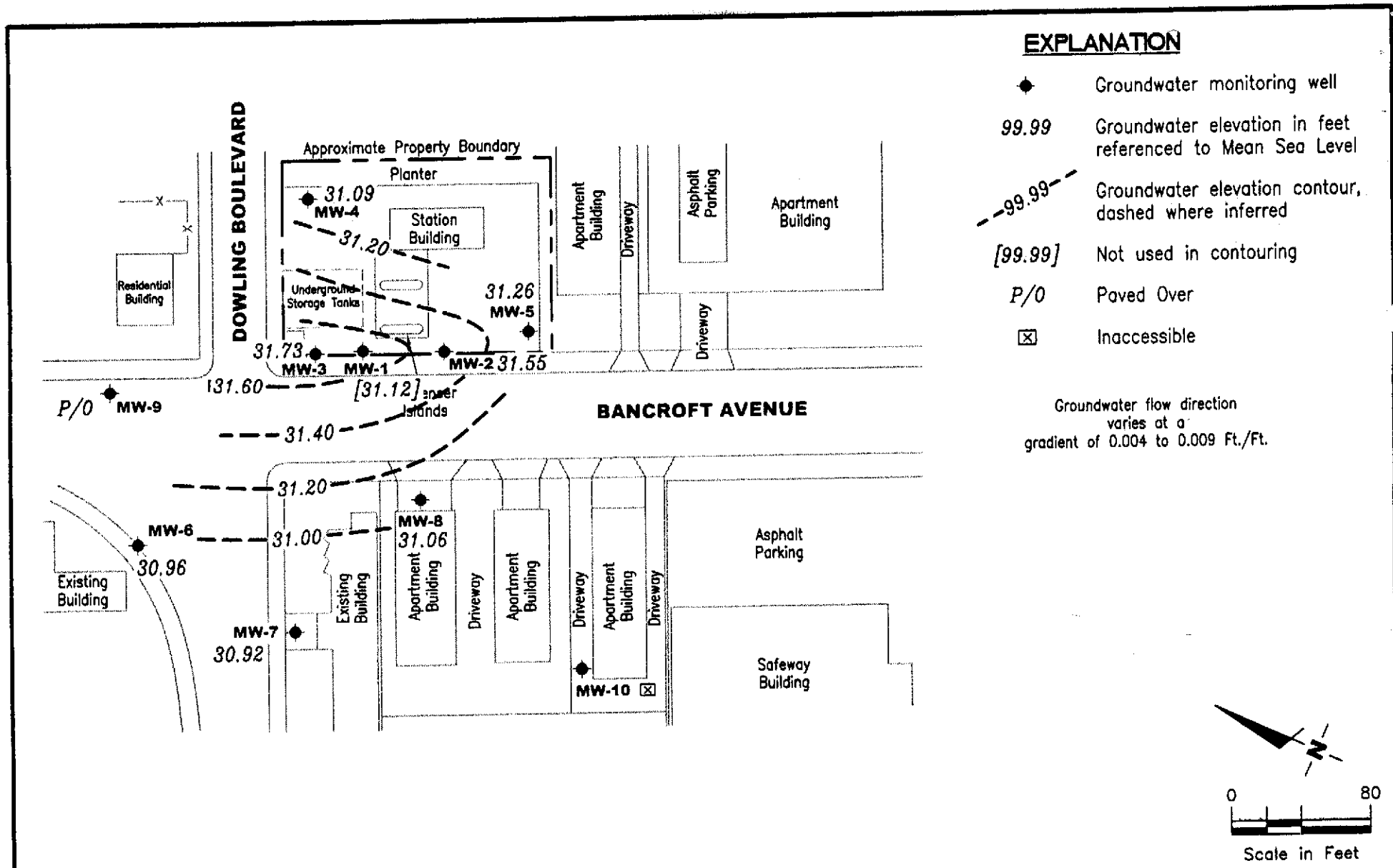
Deanna L. Harding  
Project Coordinator

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: Groundwater Analytical Results - Oxygenate Compounds
- Table 3: Dissolved Oxygen Concentrations
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports

5367.qxd



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



**GETTLER - RYAN INC.**

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

**POTENTIOMETRIC MAP**  
Tosco (Unocal) Service Station #5367  
500 Bancroft Avenue  
San Leandro, California

FIGURE

1

PROJECT NUMBER  
180108

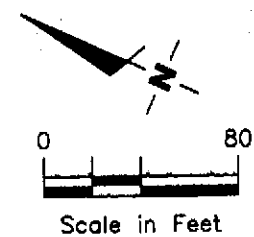
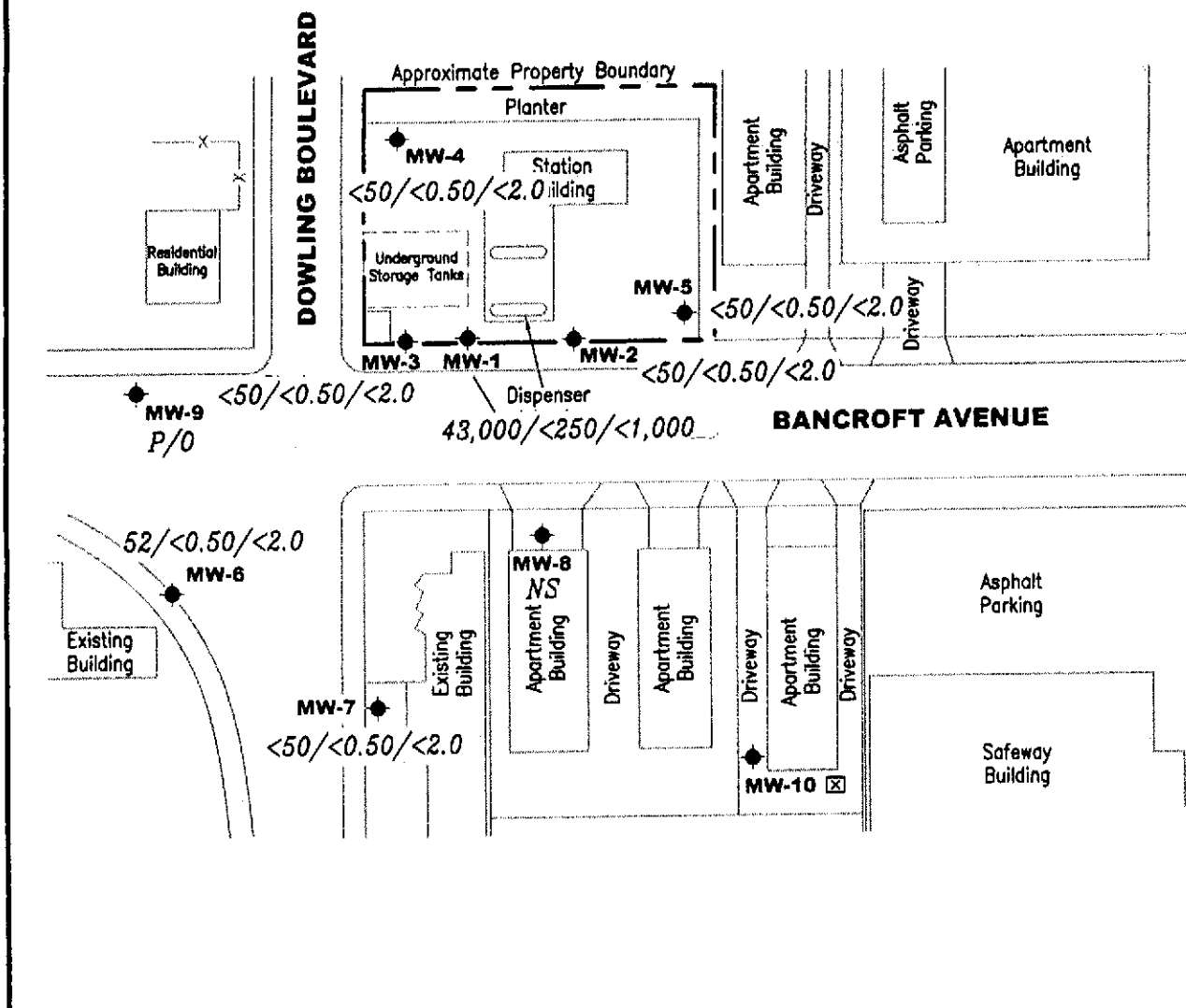
REVIEWED BY

DATE  
March 16, 2003

REVISED DATE

### EXPLANATION

- ◆ Groundwater monitoring well
- A/B/C Total Petroleum Hydrocarbons (TPH) as Gasoline/Benzene/MTBE concentrations in ppb
- P/O Paved Over
- ☒ Inaccessible
- NS Not Sampled



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

**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94588 (925) 551-7555

**CONCENTRATION MAP**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

FIGURE  
**2**

PROJECT NUMBER  
 180108

REVIEWED BY

DATE  
 March 16, 2003

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
57.83	09/23/87	33.40	10.0-35.0	24.43**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	09/24/87	33.24		24.59**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	10/06/87	33.39		24.44**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	11/05/87	34.14		23.69**	0.31	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	11/13/87	34.15		23.68**	0.38	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	11/19/87	33.89		23.94**	0.06	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	04/27/88	32.40		25.43**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF FREE PRODUCT					--
	09/07/88	DRY		--	--	--	--	--	--	--	--
	10/03/88	DRY		--	--	--	--	--	--	--	--
	01/27/89	DRY		--	--	--	--	--	--	--	--
	02/16/90	DRY		--	--	--	--	--	--	--	--
	07/19/90	DRY		--	--	--	--	--	--	--	--
	08/24/90	DRY		--	--	--	--	--	--	--	--
	11/30/90	DRY		--	--	--	--	--	--	--	--
	02/06/91	DRY		--	--	--	--	--	--	--	--
	05/06/91	33.00		24.83	0.00	--	--	--	--	--	--
	09/27/91	DRY		--	--	--	--	--	--	--	--
	03/31/92	31.00		26.83	0.00	330,000	8,200	33,000	6,800	36,000	--
	06/18/92	32.76		25.07	0.00	680,000	9,000	40,000	7,600	44,000	--
	10/16/92	DRY		--	--	--	--	--	--	--	--
	11/18/92	DRY		--	--	--	--	--	--	--	--
	03/03/93	26.03		31.80	0.00	330,000	3,800	21,000	4,200	24,000	--
	06/25/93	28.36		29.47	0.00	160,000	4,300	36,000	5,800	34,000	--
	09/03/93	30.80		27.03	0.00	160,000	3,900	41,000	6,800	38,000	--
	12/13/93	32.73		25.10	0.00	140,000	3,600	37,000	7,100	40,000	--
	03/18/94	30.10		27.73	0.00	99,000	3,800	37,000	6,800	36,000	--
	06/23/94	31.32		26.51	0.00	150,000	2,500	33,000	6,400	37,000	--
	09/21/94	33.21		24.62	0.00	110,000	2,500	23,000	4,500	25,000	--
	12/19/94	30.97		26.86	0.00	200,000	2,400	28,000	6,600	37,000	--
	03/27/95	22.77		35.06	0.00	88,000	1,500	20,000	4,200	25,000	--



**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1 (cont)	06/26/95	25.69	10.0-35.0	32.14	0.00	130,000	1,000	23,000	5,600	33,000	--
	07/28/95	26.97		30.86	0.00	--	--	--	--	--	--
	09/28/95	29.55		28.28	0.00	100,000	810	21,000	6,500	37,000	--
	10/24/95	29.99		27.84	0.00	--	--	--	--	--	--
	12/29/95	30.40		27.43	0.00	110,000	990	22,000	8,300	47,000	--
	03/27/96	22.29		35.54	0.00	120,000	920	17,000	7,100	41,000	180
	09/21/96	29.44		28.39	0.00	110,000	270	3,500	5,900	16,000	260
	03/31/97	24.18		33.65	0.00	82,000	240	8,700	3,800	23,000	ND
	09/27/97	31.86		25.97	0.00	81,000	ND	1,000	5,900	31,000	ND
	03/20/98	16.88		40.95	0.00	52,000	ND <sup>5</sup>	350	2,900	14,000	ND <sup>5</sup>
	09/09/98	26.21		31.62	0.00	59,000	51	64	6,000	4,800	ND <sup>5</sup>
	03/11/99	23.60		34.23	0.00	60,000	130	ND <sup>5</sup>	2,900	12,000	ND <sup>5</sup>
	09/08/99	28.70		29.13	0.00	74,000 <sup>7</sup>	ND <sup>5</sup>	ND <sup>5</sup>	2,600	10,000	ND <sup>5</sup>
	03/24/00	21.61		36.22	0.00	37,000 <sup>7</sup>	ND <sup>5</sup>	ND <sup>5</sup>	1,980	6,880	ND <sup>5</sup>
	09/15/00	28.19		29.64	0.00	45,800 <sup>9</sup>	ND <sup>5</sup>	ND <sup>5</sup>	3,150	10,500	ND <sup>5</sup>
	03/16/01	25.59		32.24	0.00	37,500	76.2	16.6	2,010	7,330	ND
	08/31/01	29.03		28.80	0.00	62,000 <sup>10</sup>	79	<50	3,000	13,000	<250
	03/15/02	25.58		32.25	0.00	26,000	43	22	2,400	10,000	<100
	09/26/02 <sup>11</sup>	29.51		28.32	0.00	56,000	31	<25	2,500	11,000	<100
	03/16/03 <sup>11</sup>	26.71		31.12	0.00	43,000	<250	<250	2,200	6,800	<1,000
MW-2 58.13	10/03/88	36.04	23.0-48.0	22.09	0.00	1,760	47.8	7.4	20.9	81.6	--
	01/27/89	34.77		23.36	0.00	510	58	8.7	22.6	20.3	--
	02/16/90	34.50		23.63	0.00	840	50	0.5	28	44	--
	05/01/90	--		--	--	1,000	39	ND	32	52	--
	07/19/90	35.72		22.41	0.00	--	--	--	--	--	--
	08/24/90	36.30		21.83	0.00	330	17	ND	19	20	--
	11/30/90	37.40		20.73	0.00	400	41	ND	39	37	--
	02/07/91	37.27		20.86	0.00	510	40	ND	29	44	--
	05/06/91	33.31		24.82	0.00	2,300	150	10	52	110	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (mst)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	09/27/91	36.86	28.0-48.0	21.27	0.00	110	2.6	ND	5.6	5.1	--
(cont)	12/27/91	37.66		20.47	0.00	170	3.9	ND	7.3	60	--
	03/31/92	37.66		20.47	0.00	--	--	--	--	--	--
	06/18/92	31.27		26.86	0.00	1,200	35	1.6	56	26	--
	09/30/92	--		--	--	820	21	ND	42	25	--
	10/16/92	35.87		22.26	0.00	--	--	--	--	--	--
	11/18/92	36.24		21.89	0.00	65	1.2	ND	2.8	1.4	--
	03/03/93	26.30		31.83	0.00	4,200	62	2.9	97	120	--
	06/25/93	28.40		29.73	0.00	4,000	110	ND	320	280	--
	09/03/93	31.10		27.03	0.00	1,400	31	4.3	99	53	--
	12/13/93	33.03		25.10	0.00	260	7.7	0.83	17	23	--
	03/18/94	30.34		27.79	0.00	250	6.4	0.64	28	24	--
	06/23/94	31.63		26.50	0.00	420	3.9	0.66	23	11	--
	09/21/94	33.52		24.61	0.00	ND	ND	ND	ND	ND	--
	12/19/94	31.26		26.87	0.00	190	1.9	ND	15	6.8	--
	03/27/95 <sup>2</sup>	23.02		35.11	0.00	ND	ND	0.55	1.2	2.5	--
	06/26/95	25.98		32.15	0.00	ND	ND	0.93	0.88	3.4	--
	07/28/95	27.26		30.87	0.00	--	--	--	--	--	--
	09/28/95	29.77		28.36	0.00	730	2.9	ND	41	29	--
	10/24/95	30.56		27.57	0.00	--	--	--	--	--	--
	12/29/95	30.25		27.88	0.00	860	4.3	1.0	27	50	--
	03/27/96	22.30		35.83	0.00	NOT SAMPLED (CONNECTED TO REMEDIATION SYSTEM)					--
	09/21/96	29.47		28.66	0.00	NOT SAMPLED (CONNECTED TO REMEDIATION SYSTEM)					--
	03/31/97	24.20		33.93	0.00	ND	ND	ND	ND	ND	ND
	09/27/97	31.07		27.06	0.00	ND	ND	ND	ND	ND	ND
	03/20/98	16.73		41.40	0.00	ND	ND	ND	ND	ND	ND
	09/09/98	26.03		32.10	0.00	ND	ND	0.54	ND	0.57	ND
	03/11/99	23.46		34.67	0.00	ND	ND	0.59	ND	1.1	ND
	09/08/99	28.53		29.60	0.00	ND	ND	ND	ND	ND	ND
	03/24/00	21.45		36.68	0.00	ND	ND	ND	ND	ND	ND
	09/15/00	28.02		30.11	0.00	ND	ND	ND	ND	ND	ND

**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	03/16/01	25.41	28.0-48.0	32.72	0.00	ND	ND	ND	ND	ND	ND
(cont)	08/31/01	28.74		29.39	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/15/02	25.45		32.68	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	09/26/02 <sup>11</sup>	29.36		28.77	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	03/16/03 <sup>11</sup>	26.58		31.55	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
<b>MW-3</b>											
57.92	10/03/88	35.86	23.0-48.0	22.06	0.00	61,000	1,060	3,380	1,520	8,720	--
	01/27/89	34.60		23.32	0.00	39,000	1,570	2,830	1,250	7,070	--
	02/16/90	35.23		22.69	0.00	22,000	710	4,100	6,900	33,000	--
	05/01/90	--		--	--	19,000	330	170	310	1,500	--
	07/19/90	35.50		22.42	0.00	--	--	--	--	--	--
	08/24/90	36.08		21.84	0.00	19,000	480	160	510	1,500	--
	11/30/90	37.17		20.75	0.00	13,000	390	81	410	1,000	--
	02/06/91	37.07		20.85	0.00	13,000	310	150	380	1,200	--
	05/06/91	33.11		24.81	0.00	39,000	1,000	570	930	3,900	--
	09/27/91	36.64		21.28	0.00	4,000	160	84	180	560	--
	12/27/91	37.46		20.46	0.00	31,000	240	280	400	1,600	--
	03/31/92	31.10		26.82	0.00	100,000	1,900	1,900	2,300	9,400	--
	06/18/92	32.83		25.09	0.00	180,000	2,200	1,700	2,300	1,100	--
	09/30/92	--		--	--	36,000	730	200	1,000	4,400	--
	10/16/92	35.66		22.26	0.00	--	--	--	--	--	--
	11/18/92	36.04		21.88	0.00	24,000 <sup>1</sup>	430	160	640	2,800	--
	03/03/93	26.11		31.81	0.00	96,000 <sup>1</sup>	1,400	1,900	1,400	8,400	--
	06/25/93	28.43		29.49	0.00	27,000	1,200	980	1,700	6,900	--
	09/03/93	30.88		27.04	0.00	82,000	2,400	3,400	4,200	21,000	--
	12/13/93	32.82		25.10	0.00	49,000	1,300	360	2,300	9,200	--
	03/18/94	30.17		27.75	0.00	22,000	1,200	430	2,200	9,700	--
	06/23/94	31.42		26.50	0.00	37,000	1,300	670	3,100	14,000	--
	09/21/94	33.30		24.62	0.00	24,000	890	110	2,200	8,800	--
	12/19/94	31.07		26.85	0.00	100,000	1,200	2,900	4,200	23,000	--

**TABLE I**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-3 (cont)	03/27/95 <sup>2</sup>	22.78	23.0-48.0	35.14	0.00	33,000	410	66	1,600	6,500	--	
	06/26/95	25.78		32.14	0.00	14,000	300	ND	1,300	3,900	--	
	07/28/95	27.06		30.86	0.00	--	--	--	--	--	--	
	09/28/95	29.57		28.35	0.00	17,000	730	30	4,000	8,800	-- <sup>3</sup>	
	10/24/95	30.34		27.58	0.00	--	--	--	--	--	--	
	12/29/95	29.91		28.01	0.00	55,000	700	ND	4,900	16,000	-- <sup>4</sup>	
	03/27/96	21.99		35.93	0.00	NOT SAMPLED (CONNECTED TO REMEDIATION SYSTEM)						--
	09/21/96	29.15		28.77	0.00	34,000	140	ND	2,200	6,600	1,800	
	03/31/97	23.86		34.06	0.00	17,000	58	110	530	1,500	ND	
	09/27/97	30.76		27.16	0.00	11,000	19	ND	850	420	140	
	03/20/98	16.39		41.53	0.00	ND	ND	ND	ND	ND	74	
	09/09/98	25.70		32.22	0.00	ND <sup>5</sup>	ND <sup>5</sup>	ND <sup>5</sup>	ND <sup>5</sup>	ND <sup>5</sup>	ND <sup>5</sup>	
	03/11/99	23.12		34.80	0.00	7,300	ND	ND	320	210	ND	
	09/08/99	28.21		29.71	0.00	7,900 <sup>7</sup>	ND <sup>5</sup>	ND <sup>5</sup>	ND <sup>5</sup>	160	ND <sup>5</sup>	
	03/24/00	21.12		36.80	0.00	3,310 <sup>7</sup>	5.40	ND <sup>5</sup>	101	43.3	ND <sup>5</sup>	
	09/15/00	27.68		30.24	0.00	1,540 <sup>9</sup>	ND <sup>5</sup>	ND <sup>5</sup>	56.4	ND	ND/12.6 <sup>8</sup>	
	03/16/01	25.09		32.83	0.00	678	3.14	1.00	16.4	14.6	42.9	
	08/31/01	28.53		29.39	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	03/15/02	25.05		32.87	0.00	1,500	<2.5	<2.5	43	<2.5	<12	
	09/26/02 <sup>11</sup>	28.98		28.94	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0	
03/16/03 <sup>11</sup>	26.19	31.73	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0			
MW-4 58.29	10/03/88	36.12	23.0-48.0	22.17	0.00	ND	ND	ND	ND	ND	--	
	01/27/89	34.87		23.42	0.00	ND	ND	ND	ND	ND	--	
	02/16/90	35.60		22.69	0.00	ND	ND	ND	ND	ND	--	
	05/01/90	--		--	--	--	--	--	0.68	1.4	--	
	07/19/90	35.78		22.51	0.00	--	--	--	--	--	--	
	08/24/90	36.35		21.94	0.00	ND	ND	ND	ND	ND	--	
	11/30/90	37.46		20.83	0.00	ND	ND	ND	ND	1.2	--	
	02/06/91	37.40		20.89	0.00	ND	ND	ND	ND	ND	--	

**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)		
MW-4 (cont)	05/06/91	33.39	23.0-48.0	24.90	0.00	--	--	--	--	--	--		
	09/27/91	36.90		21.39	0.00	ND	ND	ND	ND	ND	ND	--	
	12/27/91	37.76		20.53	0.00	ND	ND	ND	ND	ND	ND	--	
	03/31/92	31.41		26.88	0.00	ND	ND	ND	ND	ND	ND	--	
	06/18/92	33.09		25.20	0.00	ND	ND	ND	ND	ND	ND	--	
	10/16/92	35.92		22.37	0.00	ND	ND	ND	ND	ND	ND	--	
	11/18/92	36.33		21.96	0.00	--	--	--	--	--	--	--	
	03/03/93	26.43		31.86	0.00	68	0.9	0.6	ND	1.9	--	--	
	06/25/93	28.60		29.69	0.00	--	--	--	--	--	--	--	
	09/03/93	31.05		27.24	0.00	86	14	13	1.4	7.1	--	--	
	12/13/93	33.09		25.20	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
	03/18/94	30.42		27.87	0.00	ND	ND	ND	ND	ND	ND	--	
	06/23/94	31.95		26.34	0.00	--	--	--	--	--	--	--	
	09/21/94	33.86		24.43	0.00	ND	ND	0.78	ND	0.81	--	--	
	12/19/94	31.72		26.57	0.00	--	--	--	--	--	--	--	
	03/27/95	23.44		34.85	0.00	ND	ND	0.79	0.5	3.1	--	--	
	06/26/95	26.26		32.03	0.00	--	--	--	--	--	--	--	
	07/28/95	27.53		30.76	0.00	--	--	--	--	--	--	--	
	09/28/95	30.05		28.24	0.00	ND	ND	ND	ND	ND	ND	--	
	10/24/95	30.79		27.50	0.00	--	--	--	--	--	--	--	
	12/29/95	30.96		27.33	0.00	--	--	--	--	--	--	--	
	03/27/96	22.71		35.58	0.00	ND	ND	0.70	ND	0.79	ND	ND	
	09/21/96	29.88		28.41	0.00	ND	ND	ND	ND	ND	ND	ND	
	03/31/97	24.72		33.57	0.00	ND	ND	ND	ND	ND	ND	ND	
	09/27/97	31.68		26.61	0.00	ND	ND	ND	ND	ND	ND	ND	
	03/20/98	17.27		41.02	0.00	ND	ND	ND	ND	ND	0.65	3.0	
	09/09/98	26.58		31.71	0.00	ND	ND	ND	ND	ND	1.2	ND	
	03/11/99	24.12		34.17	0.00	ND	ND	0.70	ND	0.78	ND	ND	
	09/08/99	29.18		29.11	0.00	ND	ND	ND	ND	ND	ND	ND	
	03/24/00	22.08		36.21	0.00	ND	ND	ND	ND	ND	ND	ND	
09/15/00	28.63	29.66	0.00	ND	ND	1.36	ND	1.46	ND	ND			

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4	03/16/01	26.14	23.0-48.0	32.15	0.00	ND	ND	ND	ND	ND	ND
(cont)	08/31/01	29.27		29.02	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/15/02	26.07		32.22	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/26/02 <sup>11</sup>	29.95		28.34	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
	03/16/03 <sup>11</sup>	27.20		31.09	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
MW-5											
58.50	02/16/90	35.89	25.0-45.0	22.61	0.00	67	0.51	1.6	2.9	7.5	--
	05/01/90	--		--	--	ND	ND	ND	ND	ND	--
	07/19/90	36.10		22.40	0.00	--	--	--	--	--	--
	08/24/90	36.67		21.83	0.00	ND	ND	ND	ND	ND	--
	11/30/90	37.74		20.76	0.00	ND	ND	0.7	ND	ND	--
	02/06/91	37.62		20.88	0.00	ND	ND	ND	ND	ND	--
	05/06/91	33.67		24.83	0.00	--	--	--	--	--	--
	09/27/91	37.23		21.27	0.00	ND	ND	ND	ND	ND	--
	12/27/91	38.02		20.48	0.00	ND	ND	ND	ND	ND	--
	03/31/92	31.62		26.88	0.00	ND	ND	ND	ND	1.1	--
	06/18/92	33.46		25.04	0.00	--	--	--	--	--	--
	10/16/92	36.23		22.27	0.00	ND	ND	ND	ND	ND	--
	11/18/92	36.62		21.88	0.00	--	--	--	--	--	--
	03/03/93	26.62		31.88	0.00	ND	ND	ND	ND	ND	--
	06/25/93	INACCESSIBLE		--	--	--	--	--	--	--	--
	09/03/93	31.45		27.05	0.00	ND	ND	1.5	ND	7.9	--
	12/13/93	33.39		25.11	0.00	SAMPLED SEMI-ANNUALLY					--
	03/18/94	30.67		27.83	0.00	ND	ND	ND	ND	ND	--
	06/23/94	32.00		26.50	0.00	--	--	--	--	--	--
	09/21/94	33.90		24.60	0.00	ND	ND	0.98	ND	1.6	--
	12/19/94	31.63		26.87	0.00	--	--	--	--	--	--
	03/27/95	23.44		35.06	0.00	ND	ND	0.66	ND	2.9	--
	06/26/95	26.35		32.15	0.00	--	--	--	--	--	--
	07/28/95	27.63		30.87	0.00	--	--	--	--	--	--

**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-5 (cont)	09/28/95	30.15	25.0-45.0	28.35	0.00	ND	ND	ND	ND	ND	--	
	10/24/95	30.98		27.52	0.00	--	--	--	--	--	--	
	12/29/95	30.87		27.63	0.00	--	--	--	--	--	--	
	03/27/96	22.75		35.75	0.00	ND	ND	1.7	ND	2.4	ND	
	09/21/96	29.95		28.55	0.00	ND	ND	ND	ND	ND	ND	
	03/31/97	24.80		33.70	0.00	ND	ND	ND	ND	ND	ND	
	09/27/97	31.65		26.85	0.00	ND	ND	ND	ND	ND	ND	
	03/20/98	17.31		41.19	0.00	ND	ND	ND	ND	ND	ND	
	09/09/98	26.63		31.87	0.00	ND	ND	ND	ND	ND	ND	
	03/11/99	24.08		34.42	0.00	ND	ND	0.96	ND	1.7	ND	
	09/08/99	29.16		29.34	0.00	ND	ND	ND	ND	ND	ND	
	03/24/00	22.06		36.44	0.00	ND	ND	ND	ND	0.957	ND	
	09/15/00	28.64		29.86	0.00	ND	ND	ND	ND	ND	ND	
	03/16/01	26.05		32.45	0.00	ND	ND	ND	ND	ND	ND	
	08/31/01	29.32		29.18	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/15/02	26.08		32.42	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/26/02 <sup>11</sup>	29.96		28.54	0.00	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0
	03/16/03 <sup>11</sup>	27.24		31.26	0.00	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0
MW-6 56.96	02/16/90	34.50	25.0-45.0	22.46	0.00	ND	ND	ND	ND	ND	--	
	05/01/90	--		--	--	ND	ND	ND	ND	ND	--	
	07/19/90	34.74		22.22	0.00	ND	ND	ND	ND	ND	--	
	08/24/90	35.32		21.64	0.00	ND	ND	ND	ND	ND	--	
	11/30/90	36.38		20.58	0.00	ND	ND	ND	ND	ND	--	
	02/06/91	36.27		20.69	0.00	ND	ND	ND	ND	ND	--	
	05/06/91	32.41		24.55	0.00	--	--	--	--	--	--	
	09/27/91	35.87		21.09	0.00	ND	ND	ND	ND	ND	--	
	12/27/91	36.67		20.29	0.00	ND	ND	ND	ND	ND	--	
	03/31/92	30.32		26.64	0.00	ND	ND	1.3	ND	2	--	
	06/18/92	32.18		24.78	0.00	ND	ND	ND	ND	ND	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft. bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	10/16/92	34.92	25.0-45.0	22.04	0.00	ND	ND	ND	ND	ND	--
(cont)	11/18/92	35.28		21.68	0.00	--	--	--	--	--	--
	03/03/93	25.43		31.53	0.00	ND <sup>1</sup>	ND	ND	ND	ND	--
	06/25/93	27.86		29.10	0.00	--	--	--	--	--	--
	09/03/93	30.25		26.71	0.00	ND	ND	ND	ND	ND	--
	12/13/93	32.14		24.82	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
	03/18/94	29.46		27.50	0.00	ND	ND	0.93	ND	1.4	--
	06/23/94	30.76		26.20	0.00	--	--	--	--	--	--
	09/21/94	32.62		24.34	0.00	ND	ND	ND	ND	ND	--
	12/19/94	30.32		26.64	0.00	--	--	--	--	--	--
	03/27/95	22.10		34.86	0.00	56	ND	0.65	ND	3.3	--
	06/26/95	25.20		31.76	0.00	--	--	--	--	--	--
	07/28/95	26.48		30.48	0.00	--	--	--	--	--	--
	09/28/95	28.92		28.04	0.00	ND	ND	ND	ND	ND	--
	10/24/95	29.73		27.23	0.00	--	--	--	--	--	--
	12/29/95	29.62		27.34	0.00	--	--	--	--	--	--
	03/27/96	21.59		35.37	0.00	50	ND	0.92	ND	0.96	ND
	09/21/96	28.72		28.24	0.00	ND	ND	ND	ND	ND	ND
	03/31/97	23.72		33.24	0.00	73	0.67	0.82	ND	ND	ND
	09/27/97	30.52		26.44	0.00	ND	ND	ND	ND	ND	ND
	03/20/98	16.35		40.61	0.00	ND	ND	ND	ND	ND	ND
	09/09/98	25.53		31.43	0.00	ND	ND	0.64	ND	0.65	3.3
	03/11/99	22.85		34.11	0.00	ND	ND	0.71	ND	1.4	ND
	09/08/99	28.01		28.95	0.00	ND	ND	ND	ND	ND	ND
	03/24/00	20.93		36.03	0.00	ND	ND	ND	ND	ND	ND
	09/15/00	27.51		29.45	0.00	ND	ND	ND	ND	ND	ND
	03/16/01	24.87		32.09	0.00	ND	ND	ND	ND	ND	ND
	08/31/01	28.20		28.76	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/15/02	24.82		32.14	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/26/02 <sup>11</sup>	28.72		28.24	0.00	84 <sup>12</sup>	<0.50	<0.50	<0.50	<1.0	<2.0
	03/16/03 <sup>11</sup>	26.00		30.96	0.00	52 <sup>12</sup>	<0.50	<0.50	<0.50	<1.0	<2.0



**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (mst)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7											
57.25	02/16/90	35.75	24.0-44.0	21.50	0.00	ND	ND	ND	ND	ND	--
	05/01/90	--		--	--	24	ND	ND	0.74	1.7	--
	07/19/90	35.03		22.22	0.00	--	--	--	--	--	--
	08/24/90	35.64		21.61	0.00	ND	ND	ND	ND	ND	--
	11/30/90	36.68		20.57	0.00	ND	ND	ND	0.6	1.5	--
	02/06/91	36.55		20.70	0.00	ND	ND	ND	ND	ND	--
	05/06/91	32.69		24.56	0.00	ND	ND	ND	ND	ND	--
	09/27/91	36.18		21.07	0.00	ND	ND	ND	ND	ND	--
	12/27/91	36.96		20.29	0.00	ND	ND	ND	ND	ND	--
	03/31/92	30.56		26.69	0.00	ND	ND	ND	ND	0.9	--
	06/18/92	32.52		24.73	0.00	--	--	--	--	--	--
	10/16/92	35.24		22.01	0.00	ND	ND	ND	ND	ND	--
	11/18/92	35.59		21.66	0.00	--	--	--	--	--	--
	03/03/93	25.66		31.59	0.00	ND	ND	ND	ND	ND	--
	06/25/93	28.25		29.00	0.00	--	--	--	--	--	--
	09/03/93	30.60		26.65	0.00	ND	ND	ND	ND	ND	--
	12/13/93	32.45		24.80	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
	03/18/94	29.76		27.49	0.00	ND	ND	ND	ND	ND	--
	06/23/94	31.10		26.15	0.00	--	--	--	--	--	--
	09/21/94	32.96		24.29	0.00	ND	0.5	ND	ND	0.89	--
	12/19/94	30.60		26.65	0.00	--	--	--	--	--	--
	03/27/95	22.43		34.82	0.00	ND	ND	0.54	ND	1.9	--
	06/26/95	25.55		31.70	0.00	--	--	--	--	--	--
	07/28/95	26.84		30.41	0.00	--	--	--	--	--	--
	09/28/95	29.29		27.96	0.00	ND	ND	ND	ND	ND	--
	10/24/95	30.05		27.20	0.00	--	--	--	--	--	--
	12/29/95	29.91		27.34	0.00	--	--	--	--	--	--
	03/27/96	21.94		35.31	0.00	ND	ND	1.1	ND	1.7	ND
	09/21/96	29.07		28.18	0.00	ND	ND	ND	ND	ND	ND
	03/31/97	24.02		33.23	0.00	ND	ND	ND	ND	ND	ND

**TABLE 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7 (cont)	09/27/97	30.84	24.0-44.0	26.41	0.00	ND	ND	ND	ND	ND	ND
	03/20/98	16.68		40.57	0.00	ND	ND	ND	ND	ND	ND
	09/09/98	25.89		31.36	0.00	ND	ND	ND	ND	ND	4.1
	03/11/99	23.16		34.09	0.00	ND	ND	0.91	ND	1.6	5.7
	09/08/99	28.32		28.93	0.00	ND	ND	ND	ND	ND	2.7
	03/24/00	21.23		36.02	0.00	ND	ND	ND	ND	ND	ND
	09/15/00	27.83		29.42	0.00	ND	ND	ND	ND	ND	ND
	03/16/01	25.15		32.10	0.00	ND	ND	ND	ND	ND	ND
	08/31/01	28.49		28.76	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/15/02	24.96		32.29	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/26/02 <sup>11</sup>	29.09		28.16	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0
03/16/03 <sup>11</sup>	26.33		30.92	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0	
MW-8 57.71	02/16/90	35.10	24.0-44.0	22.61	0.00	1,900	11	ND	52	55	--
	05/01/90	--		--	--	770	6.5	ND	20	32	--
	07/19/90	35.41		22.30	0.00	--	--	--	--	--	--
	08/24/90	36.00		21.71	0.00	990	13	ND	48	66	--
	11/30/90	37.08		20.63	0.00	570	13	ND	45	36	--
	02/06/91	36.92		20.79	0.00	630	9.6	ND	35	36	--
	05/06/91	33.03		24.68	0.00	14,000	80	ND	250	550	--
	09/27/91	36.55		21.16	0.00	720	13	4.3	26	26	--
	12/27/91	37.34		20.37	0.00	1,600	15	2.9	40	49	--
	03/31/92	31.93 <sup>6</sup>		25.78	0.00	15,000	120	1.0	430	530	--
	06/18/92	INACCESSIBLE		--	--	--	--	--	--	--	--
	10/16/92	35.58		22.13	0.00	300	0.96	ND	4.0	3.5	--
	11/18/92	35.94		21.77	0.00	1,100	6.1	ND	13	5.6	--
	03/03/93	26.00		31.71	0.00	13,000	33	ND	160	290	--
	06/25/93	28.27		29.44	0.00	8,100	160	ND	580	740	--
09/03/93	30.90		26.81	0.00	9,800	180	ND	580	700	--	
12/13/93	32.75		24.96	0.00	6,900	180	ND	240	550	--	

TABLE 1  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (mst)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8	03/18/94	30.12	24.0-44.0	27.59	0.00	6,100	85	ND	260	260	--
(cont)	06/23/94	31.40		26.31	0.00	12,000	210	ND	610	860	--
	09/21/94	33.30		24.41	0.00	6,900	190	ND	460	510	--
	12/19/94	30.95		26.76	0.00	6,200	91	ND	230	210	--
	03/27/95 <sup>2</sup>	22.78		34.93	0.00	9,200	240	ND	200	1,400	--
	06/26/95	24.83		32.88	0.00	11,000	320	ND	680	2,000	--
	07/28/95	27.10		30.61	0.00	--	--	--	--	--	--
	09/28/95	29.58		28.13	0.00	10,000	250	ND	760	910	-- <sup>3</sup>
	10/24/95	30.40		27.31	0.00	--	--	--	--	--	--
	12/29/95	30.25		27.46	0.00	7,500	260	ND	580	870	-- <sup>4</sup>
	03/27/96	22.20		35.51	0.00	970	29	0.77	82	85	ND
	09/21/96	29.34		28.37	0.00	3,800	27	ND	46	45	ND
	03/31/97	24.35		33.36	0.00	ND	ND	ND	ND	ND	ND
	09/27/97	31.15		26.56	0.00	78	0.90	ND	12	ND	ND
	03/20/98	16.84		40.87	0.00	ND	ND	ND	ND	ND	ND
	09/09/98	26.14		31.57	0.00	910	ND	49	12	2.2	1.5
	03/11/99	23.48		34.23	0.00	4,700	9.6	ND <sup>5</sup>	280	95	ND <sup>5</sup>
	09/08/99	28.60		29.11	0.00	1,900 <sup>7</sup>	ND <sup>5</sup>	ND <sup>5</sup>	36	ND <sup>5</sup>	ND <sup>5</sup>
	03/24/00	21.49		36.22	0.00	ND	ND	ND	ND	ND	ND
	09/15/00	28.09		29.62	0.00	533 <sup>9</sup>	2.23	ND	6.27	0.684	ND
	03/16/01	25.43		32.28	0.00	1,000	ND	ND	17.8	44.5	ND
	08/31/01	28.89		28.82	0.00	6,500 <sup>10</sup>	8.6	7.4	420	1,900	<25
	03/15/02	25.45		32.26	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/26/02 <sup>11</sup>	29.37		28.34	0.00	290	<0.50	<0.50	0.65	<1.0	<2.0
	03/16/03 <sup>11</sup>	26.65		31.06	0.00	INACCESSIBLE - CAR PARKED OVER WELL				--	--
MW-9											
56.47	12/19/94	29.71	20.0-45.0	26.76	0.00	ND	ND	1.6	1.5	8.4	--
	03/27/95	21.48		34.99	0.00	ND	ND	0.61	ND	2.8	--
	06/26/95	24.50		31.97	0.00	ND	ND	ND	ND	3.9	--
	07/28/95	25.77		30.70	0.00	--	--	--	--	--	--

**TABLE 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (pph)	B (pph)	T (pph)	E (pph)	X (pph)	MTBE (pph)	
MW-9 (cont)	09/28/95	28.23	20.0-45.0	28.24	0.00	ND	ND	ND	ND	ND	--	
	10/24/95	29.21		27.26	0.00	--	--	--	--	--	--	
	12/29/95	29.02		27.45	0.00	ND	ND	0.58	ND	0.52	--	
	03/27/96	20.91		35.56	0.00	ND	ND	0.68	ND	0.51	ND	
	09/21/96	28.05		28.42	0.00	ND	ND	ND	ND	ND	ND	
	03/31/97	23.48		32.99	0.00	ND	ND	ND	ND	ND	ND	
	09/27/97	30.38		26.09	0.00	ND	ND	ND	ND	ND	ND	
	03/20/98	15.60		40.87	0.00	ND	ND	ND	ND	ND	ND	
	09/09/98	24.85		31.62	0.00	ND	0.69	ND	ND	0.61	ND	
	03/11/99	22.23		34.24	0.00	ND	ND	ND	ND	0.76	ND	
	09/08/99	27.34		29.13	0.00	ND	ND	ND	ND	ND	ND	
	03/24/00	20.27		36.20	0.00	ND	ND	ND	ND	ND	ND	
	09/15/00	26.84		29.63	0.00	ND	ND	ND	ND	ND	ND	
	03/16/01	24.24		32.23	0.00	ND	ND	ND	ND	ND	ND	
	08/31/01	27.43		29.04	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	03/15/02	24.79		31.68	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	09/26/02 <sup>11</sup>	INACCESSIBLE - PAVED OVER				--	--	--	--	--	--	--
	03/16/03	INACCESSIBLE - PAVED OVER				--	--	--	--	--	--	--
MW-10 58.94	07/28/95	25.53	20.0-45.0	33.41	0.00	ND	ND	ND	ND	ND	--	
	09/28/95	--		--	--	--	--	--	--	--	--	
	10/24/95	31.76		27.18	0.00	ND	ND	ND	ND	ND	--	
	12/29/95	31.55		27.39	0.00	ND	ND	0.65	ND	1.1	--	
	03/27/96	23.62		35.32	0.00	ND	ND	0.68	ND	0.69	ND	
	09/21/96	30.77		28.17	0.00	ND	ND	ND	ND	ND	ND	
	03/31/97	26.05		32.89	0.00	ND	ND	ND	ND	ND	ND	
	09/27/97	32.80		26.14	0.00	ND	ND	ND	ND	ND	ND	
	03/20/98	18.13		40.81	0.00	ND	ND	ND	ND	ND	ND	
	09/09/98	27.54		31.40	0.00	ND	ND	0.55	ND	ND	ND	
	03/11/99	24.85		34.09	0.00	ND	ND	0.61	ND	0.87	ND	

**Groundwater Monitoring Data and Analytical Results**

Tosco (Unocal) Service Station #5367

500 Bancroft Avenue

San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	Product Thickness (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-10	09/08/99	29.97	20.0-45.0	28.97	0.00	ND	ND	ND	ND	ND	ND	
(cont)	03/24/00	22.90		36.04	0.00	ND	ND	ND	ND	ND	ND	
	09/15/00	29.48		29.46	0.00	ND	ND	ND	ND	ND	ND	
	03/16/01	26.80		32.14	0.00	ND	ND	ND	ND	ND	ND	
	08/31/01	30.05		28.89	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	03/15/02	26.61		32.33	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	09/26/02 <sup>11</sup>	30.68		28.26	0.00	<50	<0.50	<0.50	<0.50	<1.0	<2.0	
	03/16/03	INACCESSIBLE - DUE TO FLOODING				--	--	--	--	--	--	--
<b>Trip Blank</b>												
TB-LB	03/20/98	--	--	--	--	ND	ND	ND	ND	ND	ND	
	09/09/98	--	--	--	--	ND	ND	ND	ND	ND	ND	
	03/11/99	--	--	--	--	ND	ND	ND	ND	ND	ND	
	09/08/99	--	--	--	--	ND	ND	ND	ND	ND	ND	
	03/24/00	--	--	--	--	ND	ND	ND	ND	ND	ND	
	09/15/00	--	--	--	--	ND	ND	ND	ND	ND	ND	
	03/16/01	--	--	--	--	ND	ND	ND	ND	ND	ND	
	08/31/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	03/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
QA	09/26/02 <sup>11</sup>	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	
	03/16/03 <sup>11</sup>	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to March 20, 1998, were compiled from reports prepared by MPDS Services, Inc.

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

- \* TOC elevations have been surveyed relative to msl.
- \*\* GWE was not corrected due to the presence of free product.
- <sup>1</sup> Chromatogram contains early eluting peak.
- <sup>2</sup> On March 27, 1995, Total Dissolved Solid concentrations were as follows: MW-2 at 410 ppm; MW-3 at 450 ppm; MW-8 at 490 ppm.
- <sup>3</sup> Laboratory has potentially identified the presence of MTBE at reportable levels in the groundwater sample collected from this well.
- <sup>4</sup> Laboratory has identified the presence of MTBE at a level above or equal to the taste odor threshold of 40 ppb in the groundwater sample from this well.
- <sup>5</sup> Detection limit raised. Refer to analytical reports.
- <sup>6</sup> Data suspect; not used in water-elevation determination.
- <sup>7</sup> Laboratory report indicates gasoline C6-C12.
- <sup>8</sup> MTBE by EPA Method 8260.
- <sup>9</sup> Laboratory report indicates weathered gasoline C6-C12.
- <sup>10</sup> Laboratory report indicates unidentified hydrocarbons C6-C10.
- <sup>11</sup> TPH-G, BTEX and MTBE by EPA Method 8260.
- <sup>12</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

**TABLE 4**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	09/26/02	--	--	<100	--	--	--	--	--
	03/16/03	<250,000	<50,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000
MW-2	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-3	09/15/00	<1,000	<100	12.6	<2.00	<2.00	<2.00	<2.00	<2.00
	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-4	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-6	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-7	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-8	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	INACCESSIBLE - CAR PARKED OVER WELL							

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-9	09/26/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--
	03/16/03	INACCESSIBLE - PAVED OVER			--	--	--	--	--
MW-10	09/26/02	--	--	<2.0	--	--	--	--	--
	03/16/03	INACCESSIBLE - DUE TO FLOODING			--	--	--	--	--



Groundwater Analytical Results - Oxygenate Compounds  
Tosco (Unocal) Service Station #5367  
500 Bancroft Avenue  
San Leandro, California

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**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

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

**Table 3**  
**Dissolved Oxygen Concentrations**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-1	03/27/95 <sup>1</sup>	--	1.5
	06/26/95	--	1.60
	09/28/95	--	1.22
	12/29/95	--	1.74
	03/27/96	1.48	1.02
	09/21/96	--	1.01
	03/31/97	1.47	1.49
MW-2	03/27/95 <sup>1</sup>	--	1.7
	06/26/95	--	4.55
	09/28/95	--	3.00
	12/29/95	--	8.71
	03/27/96	--	--
	09/21/96	--	--
	03/31/97	2.18	2.12
MW-3	03/27/95 <sup>1</sup>	--	0.90
	06/26/95	--	1.55
	09/28/95	--	1.63
	12/29/95	--	6.97
	03/27/96	--	--
	09/21/96	--	--
	03/31/97	1.95	2.06
MW-4	03/27/95 <sup>1</sup>	--	4.90
	06/26/95	--	--
	09/28/95	--	6.29
	12/29/95	--	--
	03/27/96	4.32	3.91
	09/21/96	--	2.82
	03/31/97	2.66	2.63
MW-5	03/27/95 <sup>1</sup>	--	5.20
	06/26/95	--	--
	09/28/95	--	1.96
	12/29/95	--	--
	03/27/96	4.03	4.71
	09/21/96	--	4.12
	03/31/97	2.98	3.11

**Table 3**  
**Dissolved Oxygen Concentrations**  
 Tosco (Unocal) Service Station #5367  
 500 Bancroft Avenue  
 San Leandro, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
MW-6	03/27/95 <sup>1</sup>	--	7.4
	06/26/95	--	--
	09/28/95	--	4.19
	12/29/95	--	--
	03/27/96	5.94	4.96
	09/21/96	--	3.74
	03/31/97	3.21	3.11
MW-7	03/27/95 <sup>1</sup>	--	8.4
	06/26/95	--	--
	09/28/95	--	2.04
	12/29/95	--	--
	03/27/96	6.63	5.23
	09/21/96	--	1.19
	03/31/97	2.29	2.16
MW-8	03/27/95 <sup>1</sup>	--	2.2
	06/26/95	--	3.86
	09/28/95	--	1.85
	12/29/95	--	2.03
	03/27/96	11.73	9.76
	09/21/96	--	2.16
	03/31/97	2.81	2.91
	09/27/97	3.11	--
03/20/98	--	2.65	
MW-9	03/27/95 <sup>1</sup>	--	7.8
	06/26/95	--	4.61
	09/28/95	--	5.76
	12/29/95	--	5.32
	03/27/96	5.62	5.23
	09/21/96	--	4.13
	03/31/97	3.36	3.27
MW-10	12/29/95	--	5.11
	03/27/96	4.38	4.57
	09/21/96	--	5.38
	03/31/97	4.48	4.83

**Table 3**  
**Dissolved Oxygen Concentrations**  
Tosco (Unocal) Service Station #5367  
500 Bancroft Avenue  
San Leandro, California

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**EXPLANATIONS:**

Dissolved oxygen concentrations prior to March 20, 1998, were compiled from reports prepared by MPDS Services, Inc.

(mg/L) = Milligrams per liter

-- = Not Measured

<sup>1</sup> The measurements were taken at Sequoia Analytical Laboratory.

## 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 #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-03 (inclusive)  
 City: San Leandro, CA Sampler: B6

Well ID: MW-1 Date Monitored: 3-16-03 Well Condition: OK  
 Well Diameter: 2 1/4 in.  
 Total Depth: 34.89 ft.  
 Depth to Water: 26.71 ft.  
8.18 x VF .17 = 1 x3 (case volume) = Estimated Purge Volume: 3 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:	_____ 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): 1516 Weather Conditions: Cloudy/Rainy  
 Sample Time/Date: 1521 13-16-03 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>1512</u>	<u>1</u>	<u>6.75</u>	<u>510</u>	<u>18.9</u>		
<u>1514</u>	<u>2</u>	<u>6.71</u>	<u>512</u>	<u>18.6</u>		
<u>1516</u>	<u>3</u>	<u>6.71</u>	<u>506</u>	<u>18.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>5</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

### COMMENTS:

\_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367  
 Site Address: 500 Bancroft Avenue  
 City: San Leandro, CA

Job Number: 180108  
 Event Date: 3.16.03 (inclusive)  
 Sampler: B6

Well ID: MW-2  
 Well Diameter: 2 1/4 in.  
 Total Depth: 46.45 ft.  
 Depth to Water: 26.58 ft.  
19.89 xVF .66 = 13 x3 (case volume) = Estimated Purge Volume: 39 gal.

Date Monitored: 3.16.03 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

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): 1231 Weather Conditions: Cloudy/Rainy  
 Sample Time/Date: 1256 13/16/03 Water Color: Clear Odor: No  
 Purging Flow Rate: 2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1238</u>	<u>13</u>	<u>6.64</u>	<u>446</u>	<u>18.9</u>		
<u>1244</u>	<u>26</u>	<u>6.51</u>	<u>440</u>	<u>18.6</u>		
<u>1251</u>	<u>39</u>	<u>6.36</u>	<u>436</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>5</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-07 (inclusive)  
 City: San Leandro, CA Sampler: BC

Well ID: MW-3 Date Monitored: 3-16-03 Well Condition: OK  
 Well Diameter: 2 1/4 in.  
 Total Depth: 47.85 ft.  
 Depth to Water: 26.19 ft.  
21.66 x VF = .66 = 14 x3 (case volume) = Estimated Purge Volume: 42 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: \_\_\_\_\_ 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): 1303 Weather Conditions: Cloudy / Rainy  
 Sample Time/Date: 1329 3-16-07 Water Color: Cloudy Odor: NO  
 Purging Flow Rate: 2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1310</u>	<u>14</u>	<u>6.81</u>	<u>416</u>	<u>18.8</u>		
<u>1317</u>	<u>28</u>	<u>6.71</u>	<u>410</u>	<u>18.1</u>		
<u>1324</u>	<u>42</u>	<u>6.68</u>	<u>406</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>5</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3.16.03 (inclusive)  
 City: San Leandro, CA Sampler: BC

Well ID: MW-4 Date Monitored: 3.16.03 Well Condition: OK  
 Well Diameter: 21(4) in.  
 Total Depth: 48.29 ft.  
 Depth to Water: 27.20 ft.  
21.04 xVF .62 = 14 x3 (case volume) = Estimated Purge Volume: 42 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: \_\_\_\_\_ 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): 1333 Weather Conditions: Cloudy/Rainy  
 Sample Time/Date: 1401 3.16.03 Water Color: Clear Odor: No  
 Purging Flow Rate: 2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1340</u>	<u>14</u>	<u>6.65</u>	<u>384</u>	<u>17.8</u>		
<u>1348</u>	<u>28</u>	<u>6.60</u>	<u>381</u>	<u>17.5</u>		
<u>1355</u>	<u>42</u>	<u>6.50</u>	<u>380</u>	<u>17.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>5</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug:  Size: 4"



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-07 (inclusive)  
 City: San Leandro, CA Sampler: RL

Well ID: MW-5 Date Monitored: 3-16-07 Well Condition: OK  
 Well Diameter: (2) 4 in.  
 Total Depth: 44.15 ft.  
 Depth to Water: 27.24 ft.  
16.91 xVF .17 = 3 x3 (case volume) = Estimated Purge Volume: 9 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: \_\_\_\_\_ 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): 1406 Weather Conditions: Cloudy / Rain  
 Sample Time/Date: 1420 13-16-07 Water Color: Brown Odor: NO  
 Purging Flow Rate: 4 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>1409</u>	<u>3</u>	<u>6.76</u>	<u>415</u>	<u>18.1</u>		
<u>1412</u>	<u>6</u>	<u>6.71</u>	<u>416</u>	<u>18.0</u>		
<u>1416</u>	<u>9</u>	<u>6.61</u>	<u>418</u>	<u>17.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>5</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-03 (inclusive)  
 City: San Leandro, CA Sampler: 36

Well ID: MW-6 Date Monitored: 3-16-03 Well Condition: OK  
 Well Diameter: (2) 4 in.  
 Total Depth: 44.20 ft.  
 Depth to Water: 26.00 ft.  
18.20 xVF .17 = 3 x3 (case volume) = Estimated Purge Volume: 9 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: \_\_\_\_\_ 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): 1447 Weather Conditions: Cloudy/Rainy  
 Sample Time/Date: 503 13-16-03 Water Color: Brown Odor: No  
 Purging Flow Rate: - gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1450</u>	<u>3</u>	<u>6.79</u>	<u>303</u>	<u>18.5</u>		
<u>1453</u>	<u>6</u>	<u>6.61</u>	<u>307</u>	<u>18.1</u>		
<u>1457</u>	<u>9</u>	<u>6.58</u>	<u>302</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>5</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy's(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-03 (inclusive)  
 City: San Leandro, CA Sampler: BG

Well ID: MW-7 Date Monitored: 3-16-03 Well Condition: OK  
 Well Diameter: (2) 1.4 in.  
 Total Depth: 42.95 ft.  
 Depth to Water: 26.33 ft.  
16.62 x VF .17 = 3 x3 (case volume) = Estimated Purge Volume: 9 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: \_\_\_\_\_ 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): 1427 Weather Conditions: Cloudy/Rainy  
 Sample Time/Date: 1443 13/16/03 Water Color: 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>1430</u>	<u>3</u>	<u>6.79</u>	<u>396</u>	<u>17.4</u>		
<u>1433</u>	<u>6</u>	<u>6.68</u>	<u>391</u>	<u>17.1</u>		
<u>1437</u>	<u>9</u>	<u>6.65</u>	<u>393</u>	<u>17.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>5</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 Oxy/s(8260)</u>

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3.16.03 (inclusive)  
 City: San Leandro, CA Sampler: BC

Well ID: MW-8 Date Monitored: 3-16-03 Well Condition: OK  
 Well Diameter: 21.4 in.  
 Total Depth: 43.44 ft.  
 Depth to Water: 26.65 ft.  
 Volume Factor (VF):  
 3/4" = 0.02    1" = 0.04    2" = 0.17    3" = 0.38  
 4" = 0.66    5" = 1.02    6" = 1.50    12" = 5.80  
 xVF .13 = 3 x3 (case volume) = Estimated Purge Volume: 9 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 (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	5 x vovial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's(8260)
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>
<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>	<del>_____</del>

COMMENTS: Monitored well and cased off. Came back to sample and someone moved cone and parked over well. Well located in someone driveway. Tried to locate owner.  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367  
 Site Address: 500 Bancroft Avenue  
 City: San Leandro, CA

Job Number: 180108  
 Event Date: 3.16.03 (inclusive)  
 Sampler: BK

Well ID: MW-9  
 Well Diameter: 2 1/4 in.  
 Total Depth: \_\_\_\_\_ ft.  
 Depth to Water: \_\_\_\_\_ ft.

Date Monitored: \_\_\_\_\_

Well Condition: Paved over

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

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

**Purge Equipment:**

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

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

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

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

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	5 x voa vial	YES	HCL	STL Pleasanton	TPH G/BTEX/MTBE/8 Oxy's(8260)

COMMENTS: Paved over

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5367 Job Number: 180108  
 Site Address: 500 Bancroft Avenue Event Date: 3-16-07 (inclusive)  
 City: San Leandro, CA Sampler: BC

Well ID: MW-10 Date Monitored: \_\_\_\_\_ Well Condition: OK  
 Well Diameter: 2 1/4 in.  
 Total Depth: \_\_\_\_\_ ft.  
 Depth to Water: \_\_\_\_\_ ft.  
 \_\_\_\_\_ xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ 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: \_\_\_\_\_ 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 (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	5 x voc vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 Oxy's(8260)

COMMENTS: located in a flooded drive way. Tried Bailing water out of box but it kept filling up.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_

# 2003-03-0335

74070  
Gottler-Ryan Inc., Chain-of-Custody

Tosco Corp./  
Phillips 66 Co.  
1000 Crow Canyon Place  
Suite 400  
San Ramon, CA 94583

Facility Number #5367  
Facility Address 500 BANCROFT AVE., SAN LEANDRO, CA  
Global ID T0600101479 Project 180108.80  
Client Contact MR. DAVID B. DEWITT  
Phone (925) 277-2384

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 Brian GAN

SAMPLE ID	Number of Containers Matrix	S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time (2400 Hrs)	TPH-GAS/BTEX/MTBE EPA 8015/8021B	TPH-DIESEL EPA 8015	TPH-DIESEL w/SILICA gel EPA 8015	TPH-GAS EPA 8015	TPH-GAS/BTEX/MTBE EPA 8260	8 OXYGENATES EPA 8260	METHANOL EPA 8015	TOTAL OIL & GREASE EPA 5520	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/ALKALINITY EPA 300 SERIES	HWOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270	Remarks
					2A	1	W		3-16-03				X	X	X			
nw-1	5			1521				X	X	X								
nw-2	5			1256				X	X	X								
nw-3	5			1329				X	X	X								
nw-4	5			1401				X	X	X								
nw-5	5			1420				X	X	X								
nw-6	5			1503				X	X	X								
nw-7	5			1443				X	X	X								

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

Inquished By (Signature) <i>[Signature]</i>	Organization <u>G.P.</u>	Date/Time <u>3-17-03</u>	Received By (Signature) <i>[Signature]</i>	Organization <u>STL-SF</u>	Date/Time <u>3/17/03</u>	iced Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 72 Hrs. 5 Days 10 Days <u>As Contracted</u>
Inquished By (Signature) <i>[Signature]</i>	Organization <u>STL-SF</u>	Date/Time <u>3/17/03</u>	Received By (Signature) <i>[Signature]</i>	Organization <u>STL-SF</u>	Date/Time <u>3/17/03</u>	iced Y/N	
Inquished By (Signature) <i>[Signature]</i>	Organization <u>STL-SF</u>	Date/Time <u>3/17/03</u>	Received For Laboratory By (Signature) <i>[Signature]</i>	Organization <u>STL-SF</u>	Date/Time <u>3/17/03 @ 1533</u>	iced Y/N	

3.2°C

Apr 01 03 10:01a

STIOnsite

9256003002

P-3



Gettler Ryan

March 31, 2003

6747 Sierra Court Suite J  
Dublin, CA 94568

Attn.: Deanna Harding  
Project#: 180108.80  
Project: Tosco # 5367  
Site: 500 Bancroft Ave.  
San Leandro, CA

Dear Ms. Harding,

Attached is our report for your samples received on 03/17/2003 15:33

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 05/01/2003 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](mailto: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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
QA	03/16/2003	Water	1
MW-1	03/16/2003 15:21	Water	2
MW-2	03/16/2003 12:56	Water	3
MW-3	03/16/2003 13:29	Water	4
MW-4	03/16/2003 14:01	Water	5
MW-5	03/16/2003 14:20	Water	6
MW-6	03/16/2003 15:03	Water	7
MW-7	03/16/2003 14:43	Water	8

Severn Trent Laboratories, Inc.

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

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

03/31/2003 14:00

Page 1 of 14

**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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B

Sample ID: QA

Sampled: 03/16/2003

Matrix: Water

Test(s): 8260FAB

Lab ID: 2003-03-0335 - 1

Extracted: 3/29/2003 17:26

QC Batch#: 2003/03/29-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/29/2003 17:26	
Benzene	ND	0.50	ug/L	1.00	03/29/2003 17:26	
Toluene	ND	0.50	ug/L	1.00	03/29/2003 17:26	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2003 17:26	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2003 17:26	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/29/2003 17:26	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	106.6	76-114	%	1.00	03/29/2003 17:26	
Toluene-d8	91.2	88-110	%	1.00	03/29/2003 17:26	

**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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B Test(s): 8260FAB  
 Sample ID: MW-1 Lab ID: 2003-03-0335 - 2  
 Sampled: 03/16/2003 15:21 Extracted: 3/29/2003 20:44  
 Matrix: Water QC Batch#: 2003/03/29-01.62  
 Analysis Flag: o. ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	43000	25000	ug/L	500.00	03/29/2003 20:44	
Benzene	ND	250	ug/L	500.00	03/29/2003 20:44	
Toluene	ND	250	ug/L	500.00	03/29/2003 20:44	
Ethylbenzene	2200	250	ug/L	500.00	03/29/2003 20:44	
Total xylenes	6800	500	ug/L	500.00	03/29/2003 20:44	
tert-Butyl alcohol (TBA)	ND	50000	ug/L	500.00	03/29/2003 20:44	
Methyl tert-butyl ether (MTBE)	ND	1000	ug/L	500.00	03/29/2003 20:44	
Di-isopropyl Ether (DIPE)	ND	1000	ug/L	500.00	03/29/2003 20:44	
Ethyl tert-butyl ether (ETBE)	ND	1000	ug/L	500.00	03/29/2003 20:44	
tert-Amyl methyl ether (TAME)	ND	1000	ug/L	500.00	03/29/2003 20:44	
1,2-DCA	ND	1000	ug/L	500.00	03/29/2003 20:44	
EDB	ND	1000	ug/L	500.00	03/29/2003 20:44	
Ethanol	ND	250000	ug/L	500.00	03/29/2003 20:44	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	104.9	76-114	%	500.00	03/29/2003 20:44	
Toluene-d8	93.9	88-110	%	500.00	03/29/2003 20:44	

**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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B

Sample ID: MW-2

Sampled: 03/16/2003 12:56

Matrix: Water

Test(s): 8260FAB

Lab ID: 2003-03-0335 - 3

Extracted: 3/29/2003 21:06

QC Batch#: 2003/03/29-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/29/2003 21:06	
Benzene	ND	0.50	ug/L	1.00	03/29/2003 21:06	
Toluene	ND	0.50	ug/L	1.00	03/29/2003 21:06	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2003 21:06	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2003 21:06	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/29/2003 21:06	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/29/2003 21:06	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/29/2003 21:06	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/29/2003 21:06	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/29/2003 21:06	
1,2-DCA	ND	2.0	ug/L	1.00	03/29/2003 21:06	
EDB	ND	2.0	ug/L	1.00	03/29/2003 21:06	
Ethanol	ND	500	ug/L	1.00	03/29/2003 21:06	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	107.2	76-114	%	1.00	03/29/2003 21:06	
Toluene-d8	99.9	88-110	%	1.00	03/29/2003 21:06	

**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: 180108.80  
Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B                                  Test(s): 8260FAB  
Sample ID: MW-3                                Lab ID: 2003-03-0335 - 4  
Sampled: 03/16/2003 13:29                Extracted: 3/29/2003 21:28  
Matrix: Water                                    QC Batch#: 2003/03/29-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/29/2003 21:28	
Benzene	ND	0.50	ug/L	1.00	03/29/2003 21:28	
Toluene	ND	0.50	ug/L	1.00	03/29/2003 21:28	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2003 21:28	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2003 21:28	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/29/2003 21:28	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/29/2003 21:28	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/29/2003 21:28	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/29/2003 21:28	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/29/2003 21:28	
1,2-DCA	ND	2.0	ug/L	1.00	03/29/2003 21:28	
EDB	ND	2.0	ug/L	1.00	03/29/2003 21:28	
Ethanol	ND	500	ug/L	1.00	03/29/2003 21:28	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	101.5	76-114	%	1.00	03/29/2003 21:28	
Toluene-d8	92.2	88-110	%	1.00	03/29/2003 21:28	

03/31/2003 14:00

**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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B

Sample ID: MW-4

Sampled: 03/16/2003 14:01

Matrix: Water

Test(s): 8260FAB

Lab ID: 2003-03-0335 - 5

Extracted: 3/29/2003 21:50

QC Batch#: 2003/03/29-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/29/2003 21:50	
Benzene	ND	0.50	ug/L	1.00	03/29/2003 21:50	
Toluene	ND	0.50	ug/L	1.00	03/29/2003 21:50	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2003 21:50	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2003 21:50	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/29/2003 21:50	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/29/2003 21:50	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/29/2003 21:50	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/29/2003 21:50	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/29/2003 21:50	
1,2-DCA	ND	2.0	ug/L	1.00	03/29/2003 21:50	
EDB	ND	2.0	ug/L	1.00	03/29/2003 21:50	
Ethanol	ND	500	ug/L	1.00	03/29/2003 21:50	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	109.0	76-114	%	1.00	03/29/2003 21:50	
Toluene-d8	98.8	88-110	%	1.00	03/29/2003 21:50	

**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: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B

Sample ID: MW-5

Sampled: 03/16/2003 14:20

Matrix: Water

Test(s): 8260FAB

Lab ID: 2003-03-0335 - 6

Extracted: 3/29/2003 22:12

QC Batch#: 2003/03/29-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/29/2003 22:12	
Benzene	ND	0.50	ug/L	1.00	03/29/2003 22:12	
Toluene	ND	0.50	ug/L	1.00	03/29/2003 22:12	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2003 22:12	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2003 22:12	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/29/2003 22:12	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/29/2003 22:12	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/29/2003 22:12	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/29/2003 22:12	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/29/2003 22:12	
1,2-DCA	ND	2.0	ug/L	1.00	03/29/2003 22:12	
EDB	ND	2.0	ug/L	1.00	03/29/2003 22:12	
Ethanol	ND	500	ug/L	1.00	03/29/2003 22:12	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	100.1	76-114	%	1.00	03/29/2003 22:12	
Toluene-d8	93.7	88-110	%	1.00	03/29/2003 22:12	

03/31/2003 14:00

Severn Trent Laboratories, Inc.

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

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



**Gas/BTEX Fuel Oxygenates by 8260B**

 Gettler Ryan  
 Attn.: Deanna Harding

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

 Project: 180108.80  
 Tosco # 5367

Received: 03/17/2003 15:33

 Site: 500 Bancroft Ave.  
 San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	MW-6	Lab ID:	2003-03-0335 - 7
Sampled:	03/16/2003 15:03	Extracted:	3/30/2003 12:29
Matrix:	Water	QC Batch#:	2003/03/30-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	52	50	ug/L	1.00	03/30/2003 12:29	9
Benzene	ND	0.50	ug/L	1.00	03/30/2003 12:29	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 12:29	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 12:29	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 12:29	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 12:29	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 12:29	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 12:29	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 12:29	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 12:29	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 12:29	
EDB	ND	2.0	ug/L	1.00	03/30/2003 12:29	
Ethanol	ND	500	ug/L	1.00	03/30/2003 12:29	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	83.0	76-114	%	1.00	03/30/2003 12:29	
Toluene-d8	95.4	88-110	%	1.00	03/30/2003 12:29	

Severn Trent Laboratories, Inc.

 STL San Francisco \* 1220 Quarry Lane, Pleasanton, CA 94566  
 Tel 925 484 1919 Fax 925 484 1096 \* www.stl-inc.com \* CA DHS ELAP# 2496

03/31/2003 14:00

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**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: 180108.80  
Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: MW-7	Lab ID: 2003-03-0335 - 8
Sampled: 03/16/2003 14:43	Extracted: 3/30/2003 12:51
Matrix: Water	QC Batch#: 2003/03/30-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 12:51	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 12:51	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 12:51	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 12:51	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 12:51	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 12:51	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 12:51	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 12:51	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 12:51	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 12:51	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 12:51	
EDB	ND	2.0	ug/L	1.00	03/30/2003 12:51	
Ethanol	ND	500	ug/L	1.00	03/30/2003 12:51	
<b>Surrogates(s)</b>						
1,2-Dichloroethane-d4	102.4	76-114	%	1.00	03/30/2003 12:51	
Toluene-d8	89.1	88-110	%	1.00	03/30/2003 12:51	

03/31/2003 14:00

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

Project: 180108.80  
Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2003/03/29-01.62-004

Water

Test(s): 8260FAB

QC Batch # 2003/03/29-01.62

Date Extracted: 03/29/2003 17:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/29/2003 17:04	
Benzene	ND	0.5	ug/L	03/29/2003 17:04	
Toluene	ND	0.5	ug/L	03/29/2003 17:04	
Ethylbenzene	ND	0.5	ug/L	03/29/2003 17:04	
Total xylenes	ND	1.0	ug/L	03/29/2003 17:04	
tert-Butyl alcohol (TBA)	ND	100	ug/L	03/29/2003 17:04	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/29/2003 17:04	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	03/29/2003 17:04	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	03/29/2003 17:04	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/29/2003 17:04	
1,2-DCA	ND	2.0	ug/L	03/29/2003 17:04	
EDB	ND	2.0	ug/L	03/29/2003 17:04	
Ethanol	ND	500	ug/L	03/29/2003 17:04	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	101.5	76-114	%	03/29/2003 17:04	
Toluene-d8	94.6	88-110	%	03/29/2003 17:04	

**Gas/BTEX Fuel Oxygenates by 8260B**

Gettler Ryan

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

Project: 180108.80  
Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2003/03/30-01.62-046

Water

Test(s): 8260FAB

QC Batch # 2003/03/30-01.62

Date Extracted: 03/30/2003 11:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/30/2003 11:01	
Benzene	ND	0.5	ug/L	03/30/2003 11:01	
Toluene	ND	0.5	ug/L	03/30/2003 11:01	
Ethylbenzene	ND	0.5	ug/L	03/30/2003 11:01	
Total xylenes	ND	1.0	ug/L	03/30/2003 11:01	
tert-Butyl alcohol (TBA)	ND	100	ug/L	03/30/2003 11:01	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/30/2003 11:01	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	03/30/2003 11:01	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	03/30/2003 11:01	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/30/2003 11:01	
1,2-DCA	ND	2.0	ug/L	03/30/2003 11:01	
EDB	ND	2.0	ug/L	03/30/2003 11:01	
Ethanol	ND	500	ug/L	03/30/2003 11:01	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	103.6	76-114	%	03/30/2003 11:01	
Toluene-d8	93.8	88-110	%	03/30/2003 11:01	

03/31/2003 14:00

**Gas/BTEX Fuel Oxygenates by 8260B**

Gettler Ryan

Attn.: Deanna Harding

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Dublin, CA 94568

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

Project: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260FAB

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/03/29-01.62**

LCS 2003/03/29-01.62-020

Extracted: 03/29/2003

Analyzed: 03/29/2003 16:20

LCSD 2003/03/29-01.62-042

Extracted: 03/29/2003

Analyzed: 03/29/2003 16:42

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	25.8	25.8	25.0	103.2	103.2	0.0	69-129	20		
Toluene	25.6	26.5	25.0	102.4	106.0	3.5	70-130	20		
Methyl tert-butyl ether (MTBE)	31.1	31.1	25.0	124.4	124.4	0.0	65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	520	515	500	104.0	103.0		76-114			
Toluene-d8	471	486	500	94.2	97.2		88-110			

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03/31/2003 14:00

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**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: 180108.80  
Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/03/30-01.62**

LCS 2003/03/30-01.62-016  
LCSD 2003/03/30-01.62-038

Extracted: 03/30/2003  
Extracted: 03/30/2003

Analyzed: 03/30/2003 10:16  
Analyzed: 03/30/2003 10:38

Compound	Conc. ug/L		Exp. Conc.	Recovery		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	28.1	23.7	25.0	112.4	94.8	17.0	65-165	20		
Benzene	23.3	25.8	25.0	93.2	103.2	10.2	69-129	20		
Toluene	22.0	24.9	25.0	88.0	99.6	12.4	70-130	20		
<b>Surrogates(s)</b>							76-114			
1,2-Dichloroethane-d4	512	415	500	102.4	83.0		88-110			
Toluene-d8	458	478	500	91.6	95.6					

03/31/2003 14:00

**Gas/BTEX Fuel Oxygenates by 8260B**

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Project: 180108.80

Tosco # 5367

Received: 03/17/2003 15:33

Site: 500 Bancroft Ave.  
San Leandro, CA

Alameda County  
AUG 03 2003  
Environmental Health

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**Legend and Notes**

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**Analysis Flag**

o

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

**Result Flag**

g

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