

RO-443

Shaw Environmental & Infrastructure, Inc.



Date: August 1, 2003
Project: 831438-05430001

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

Alameda County
AUG 03 2003
Environmental Health

We have enclosed:

Copies	Description
<u>1</u>	<u>Case Closure Summary for 76 Service Station 5430 located at 1935 Washington Avenue, San Leandro</u>
<u>1</u>	<u>Gettler-Ryan Inc. Monitoring and Sampling Report dated 04/23/03</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 5430

Site facility address: 1935 Washington Avenue at Castro Street, San Leandro, CA

RB LUSTIS Case No: N/A

Local Case No./LOP Case No.: 1747

URF filing date: N/A

SWEEPS No: N/A

Responsible Parties:

Addresses:

Phone Numbers:

ConocoPhillips Company

76 Broadway
Sacramento, CA 95818

(916) 558-7666

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1.	10,000	Gasoline	Removed	12/81
2.	10,000	Gasoline	Removed	12/81
3.	10,000	Gasoline	Open	N/A
4.	10,000	Gasoline	Open	N/A
5.	280	Waste Oil	Removed	7/98
6.	250	Waste Oil (Above Ground)	Open	N/A

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: Piping leak in unleaded product piping, June 1976. Regular unleaded tank failed tightness test, October 1981. Holes observed in waste oil tank upon removal, July 1998.

Site characterization complete? Yes.

Date approved by oversight agency: N/A

Monitoring Wells installed? Yes.

Number: 6 on-site, 1 off-site

Proper screened interval? Yes.

Highest GW depth below ground surface: 18.10 feet bgs.

Lowest depth: 34.05 feet bgs.

Flow direction: South 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): Martin property, 240 Castro Street, San Leandro, 100 feet Northeast of site, Oil tank removed June 1990. Webber Motors, 1940 Washington Avenue, San Leandro, 100 feet Northwest of site, Oil tank removed September 1988.

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 10,000 gallon	disposed of, destination unknown	12/81
	1 280 gallon	disposed of, Ecology Control Industries, Richmond	7/98
Piping		Disposed of, destination unknown	7/98
Free Product	N/A	N/A	N/A
Soil	20 cubic yards	Disposed of, Safety Kleen, Aragonite, UT	9/98
	30 cubic yards	Disposed of, Forward, Manteca, CA	8/98
Groundwater	N/A	Well purgewater disposed, ConocoPhillips SF Bay Refineries	ongoing
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)	1,500	150	23,000	1,800
TPH (Diesel)	2,800	930	170	ND
Benzene	17	1.7	1,400	30
Toluene	140	10	120	<0.50
Xylenes	180	16	3,000	47
Ethylbenzene	32	2.7	1,800	270
Oil & Grease	7,100	1,600	ND	ND
Heavy metals (lead)	280	23	N/A	ND
Other (MtBE)	110	6.5	290	2.2

Comments (Depth of Remediation, etc.):

During first semi-annual monitoring and sampling event on March 18, 2003, fuel oxygenate compounds ethanol, tBA, DIPE, EtBE, tAME and EDB were not detected in any of the groundwater samples collected from wells U-1 through U-7. Fuel oxygenate 1,2-DCA was only detected in well U-1 at a concentration of 2.8 ppb.

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.

Leaking Underground Fuel Storage Tank Program

Monitoring wells Decommissioned: No.

Number Decommissioned: 0 Number Retained: 7

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.

Based on analytical data collected from three exploratory borings drilled on the property to the southeast of the site in July 1997, the extent of hydrocarbon impact is considered delineated. The hydrocarbon plume is considered stable. The current maximum dissolved benzene and MtBE concentrations are 30 ppb and 2.2 ppb, respectively.

Groundwater Analytical Results - Oxygenate Compounds
 Tosco (Unocal) Service Station #5430
 1935 Washington 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)
U-1	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	2.8	<2.0
U-2	08/30/02	<500	<100	3.2	<2.0	<2.0	<2.0	<2.0	<2.0
	03/18/03	<500	<100	2.2	<2.0	<2.0	<2.0	<2.0	<2.0
U-3	08/30/02	--	--	<10	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-4	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-5	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-6	10/13/00	--	ND	ND	ND	ND	ND	ND	ND
	08/30/02	--	--	<20	--	--	--	--	--
	03/18/03	<2,500	<500	<10	<10	<10	<10	<10	<10
U-7	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5430
1935 Washington Avenue
San Leandro, California

EXPLANATIONS: (cont)

- ²² All other VOCs by EPA Method 8260 were less than the reporting limit, except for Carbon Tetrachloride was detected at 0.65 ppb and Chloroform at 1.5 ppb.
- ²³ TPH-G, BTEX and MTBE by EPA Method 8260.
- ²⁴ All other VOCs by EPA Method 8260 were less than the reporting limit, except for Trichloroethene was detected at 1.1 ppb.

Note: All EPA Method 8010/8021/8260 constituents were ND, except as indicated above.

TABLE 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 9, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	1,2-DCA = 1,2-Dichloroethane
(ft.) = Feet	B = Benzene	(ppb) = Parts per billion
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	(D) = Duplicate
GWE = Groundwater Elevation	MTBE = Methyl tertiary butyl ether	QA = Quality Assurance/Trip Blank
TPH-D = Total Petroleum Hydrocarbons as Diesel	1,2-DCB = 1,2-Dichlorobenzene	

- * TOC elevations were surveyed March 1995, based on Benchmark provided by City of San Leandro, City Engineers Office, Datum 1929, USGS adjusted. Prior to December 16, 1993, the DTW measurements were taken from the top of well covers.
- 1 Total Oil and Grease (TOG) was ND.
- 2 Not a typical diesel pattern; lower boiling hydrocarbons in the boiling range of stoddard calculated as diesel.
- 3 Laboratory report indicates the hydrocarbons detected did not appear to be diesel.
- 4 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
- 5 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.
- 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 Carbon tetrachloride was detected at a concentration of 1.3 ppb.
- 9 Detection limit raised. Refer to analytical reports.
- 10 Carbon tetrachloride was detected at a concentration of 2.0 ppb, and Chloroform was detected at a concentration of 0.60 ppb.
- 11 Carbon tetrachloride was detected at a concentration of 1.2 ppb.
- 12 Laboratory report indicates gasoline C6-C12.
- 13 Bromodichloromethane was detected at 1.4 ppb and Chloroform was detected at 31 ppb. All EPA Method 8010 reanalyzed by an alternate column or method to confirm the identification and/or concentration of these results.
- 14 Laboratory report indicates Carbon tetrachloride was detected at 0.801 ppb.
- 15 Laboratory report indicates weathered gasoline C6-C12.
- 16 All other Volatile Organic Compounds (VOCs) by EPA Method 8010 were ND with a raised detection limit, except for Bromadichloromethane was detected at 3.58 ppb and Chloroform was detected at 75.2 ppb.
- 17 All other VOCs by EPA Method 8010 were ND.
- 18 Analysis by EPA Method 8260.
- 19 All other VOCs by EPA Method 8021 were less than the reporting limit.
- 20 All other VOCs by EPA Method 8021 were less than the reporting limit, except for Carbon tetrachloride was detected at 0.60 ppb.
- 21 All other VOCs by EPA Method 8260 were less than the reporting limit.

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-7	09/07/99	27.27	25.0-40.0	27.78	--	ND	ND	ND	ND	ND	ND	ND	ND
(cont)	03/09/00 ¹⁴	23.76		31.29	--	ND	ND	ND	ND	1.09	ND	ND	ND
	09/11/00 ¹⁷	27.19		27.86	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/26/01 ¹⁷	25.61		29.44	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/01 ²⁰	30.10		24.95	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50 ^{1R}	<0.50 ^{1R}
	03/18/02 ²²	27.03		28.02	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50 ^{1R}	<0.50 ^{1R}
	08/30/02 ^{19,23}	29.69		25.36	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50
	03/18/03 ^{23,24}	27.39		27.66	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ^{1R}	<0.50 ^{1R}
Trip Blank													
TB-LB	03/09/98	--	--	--	--	ND	ND	0.53	ND	ND	ND	--	--
	09/01/98	--	--	--	--	ND	ND	ND	ND	ND	5.0	--	--
	03/02/99	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/07/99	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	03/09/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/11/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	10/13/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	03/26/01	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	03/18/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
QA	08/30/02 ²³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	03/18/03 ²³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--

Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft. hgs)	GWE (ft.)	TPH-D (pph)	TPH-G (pph)	B (pph)	T (pph)	E (pph)	X (pph)	MTBE (pph)	1,2-DCB (pph)	1,2-DCA (pph)
U-6	12/14/95	31.32	25.0-40.0	24.04	--	15,000	240	ND	1,400	1,700	-- ⁷	ND	370
(cont)	03/06/96	25.71		29.65	--	2,400	54	ND	170	250	ND	--	--
	06/04/96	26.52		28.84	--	4,600	83	ND	400	520	46	--	--
	09/06/96	29.41		25.95	--	12,000	180	6.4	690	600	95	--	--
	03/08/97	25.25		30.11	--	2,000	180	ND	96	290	ND	--	--
	09/04/97	30.75		24.61	--	680	17	ND	52	39	ND	--	--
	03/09/98	19.84		35.52	--	690	41	8.5	3.2	140	16	--	--
	09/01/98	INACCESSIBLE (PAVED OVER)			--	--	--	--	--	--	--	--	--
	03/02/99	25.95		29.41	--	3,900	240	ND ⁹	650	430	45	--	--
	09/07/99	28.19		27.17	--	320 ¹²	14	ND ⁹	5.2	ND ⁹	10	--	--
	03/09/00	24.64		30.72	--	4,980 ¹²	193	ND ⁹	520	365	ND ⁹	--	--
	09/11/00	28.35		27.01	--	538 ¹⁵	22.8	ND	13.8	3.11	ND	--	--
	10/13/00	29.67		25.69	--	--	--	--	--	--	--/ND ¹⁸	--	--
	03/26/01	26.88		28.48	--	16,400 ¹²	412	ND ⁹	2,010	1,010	ND ⁹	--	--
	09/04/01	30.81		24.55	--	8,000 ¹⁵	200	<25	1,100	250	<250	--	--
	03/18/02	27.87		27.49	--	3,900 ¹⁵	96	<10	590	210	<100	--	--
	08/30/02 ²³	30.40		24.96	--	7,900	120	<5.0	1,000	91	<20	--	--
	03/18/03 ²³	28.19		27.17	--	1,800	30	<2.5	270	47	<10	--	--
U-7													
55.05	03/14/95	26.13	25.0-40.0	28.92	--	ND	ND	ND	ND	ND	--	ND	ND
	06/20/95	26.38		28.67	--	ND	ND	ND	ND	ND	--	--	--
	09/18/95	29.21		25.84	--	ND	ND	ND	ND	ND	--	--	--
	12/14/95	30.75		24.30	--	ND	ND	ND	ND	0.88	--	ND	ND
	03/06/96	25.10		29.95	--	ND	ND	ND	ND	ND	ND	--	--
	06/04/96	25.67		29.38	--	ND	ND	ND	ND	ND	ND	--	--
	09/06/96	28.75		26.30	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/08/97	24.33		30.72	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/97 ⁸	30.16		24.89	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/09/98	18.91		36.14	--	ND	ND	ND	ND	ND	2.9	ND	ND
	09/01/98 ¹⁰	26.04		29.01	--	88	ND	ND	ND	ND	ND	ND	ND
	03/02/99 ¹¹	25.30		29.75	--	ND	ND	ND	ND	ND	ND	ND	ND

As of 03/18/03

TABLE 1
Groundwater Monitoring Data and Analytical Results
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WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (ft.)	TPH-D (pph)	TPH-G (pph)	B (pph)	T (pph)	E (pph)	X (pph)	MTBE (pph)	1,2-DCB (pph)	1,2-DCA (pph)	
U-4 (cont)	09/04/01	30.60	25.0-40.0	24.79	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	03/18/02	27.45		27.94	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	08/30/02 ²³	30.19		25.20	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	
	03/18/03 ²³	27.85		27.54	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	
U-5 54.18	03/14/95	25.20	25.0-40.0	28.98	--	ND	ND	ND	ND	1.2	--	ND	ND	
	06/20/95	25.60		28.58	--	ND	ND	ND	ND	1.6	--	--	--	
	09/18/95	28.55		25.63	--	ND	ND	ND	ND	0.66	--	--	--	
	12/14/95	29.94		24.24	--	ND	ND	ND	ND	ND	--	ND	ND	
	03/06/96	24.03		30.15	--	ND	ND	ND	ND	ND	ND	--	--	
	06/04/96	24.91		29.27	--	ND	ND	ND	ND	ND	ND	--	--	
	09/06/96	28.06		26.12	--	ND	ND	ND	ND	ND	ND	--	--	
	03/08/97	23.49		30.69	--	ND	ND	ND	ND	ND	ND	--	--	
	09/04/97	29.46		24.72	--	ND	ND	ND	ND	ND	ND	--	--	
	03/09/98	18.10		36.08	--	ND	ND	ND	ND	ND	ND	--	--	
	09/01/98	25.27		28.91	--	ND	ND	ND	ND	ND	ND	--	--	
	03/02/99	24.35		29.83	--	ND	ND	ND	ND	ND	ND	--	--	
	09/07/99	26.39		27.79	--	ND	ND	ND	ND	ND	ND	--	--	
	03/09/00	22.81		31.37	--	ND	ND	ND	ND	ND	ND	--	--	
	09/11/00	25.36		28.82	--	ND	ND	0.640	ND	ND	ND	--	--	
	03/26/01	24.55		29.63	--	ND	ND	ND	ND	ND	ND	--	--	
	09/04/01	29.34		24.84	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	03/18/02	26.16		28.02	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--	
	08/30/02 ²³	28.94		25.24	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	03/18/03 ²³	26.58		27.60	--	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
U-6 55.36	03/14/95	26.94	25.0-40.0	28.42	--	14,000	170	36	790	1,500	--	ND	210	
	06/20/95	27.15		28.21	--	8,500	170	11	950	1,300	--	--	--	
	09/18/95	29.95		25.41	--	9,500	260	ND	1,400	1,800	--	--	--	

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U-3 (cont)	09/06/96	29.06	20.0-40.0	26.17	--	15,000	360	20	540	450	ND	--	--
	03/08/97	24.65		30.58	--	3,500	310	ND	230	630	ND	ND	100
	09/04/97	30.44		24.79	--	700	27	ND	48	34	ND	ND	160
	03/09/98	19.20		36.03	--	410	22	1.2	ND ⁹	6.1	24	ND	4.4
	09/01/98	26.33		28.90	--	ND	ND	ND	ND	ND	6.1	ND	ND
	03/02/99	25.50		29.73	--	2,100	110	2.6	ND ⁹	240	39	ND	6.7
	09/07/99 ¹³	27.63		27.60	--	2,400 ¹²	67	ND ⁹	150	150	ND ⁹	ND	1.1
	03/09/00	24.05		31.18	--	3,250 ¹²	143	ND ⁹	59.0	326	ND ⁹	ND ⁹	ND ⁹
	09/11/00 ¹⁷	27.83		27.40	--	ND	ND	ND	ND	ND	ND	ND	1.17
	03/26/01 ¹⁷	25.75		29.48	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/01 ¹⁹	30.41		24.82	--	5,400 ¹⁵	110	<10	800	220	<100	<5.0	<5.0
	03/18/02 ²¹	27.35		27.88	--	<50	<0.50	<0.50	0.55	1.2	<5.0	<0.50 ¹⁸	<0.50 ¹⁸
	08/30/02 ^{19,23}	30.01		25.22	--	4,400	55	<2.5	610	140	<10	<0.50	<0.50
	03/18/03 ²³	27.69		27.54	--	<50	1.2	<0.50	7.9	4.3	<2.0	<0.50 ¹⁸	<0.50 ¹⁸
	U-4 55.39	03/14/95	26.52	25.0-40.0	28.87	--	490	3.2	2.1	0.79	1.2	--	ND
06/20/95		26.90		28.49	--	ND	ND	ND	ND	1.5	--	--	--
09/18/95		29.79		25.60	--	ND	ND	ND	ND	ND	-- ⁶	--	--
12/14/95		31.23		24.16	--	ND	ND	0.59	ND	0.79	-- ⁷	ND	ND
03/06/96		25.30		30.09	--	ND	ND	ND	ND	0.62	50	--	--
06/04/96		26.19		29.20	--	ND	ND	ND	ND	ND	290	--	--
09/06/96		29.32		26.07	--	ND	ND	ND	ND	ND	ND	--	--
03/08/97		24.79		30.60	--	ND	ND	ND	ND	ND	ND	--	--
09/04/97		30.71		24.68	--	ND	ND	ND	ND	ND	18	--	--
03/09/98		19.37		36.02	--	ND	ND	ND	ND	ND	ND	--	--
09/01/98		26.56		28.83	--	ND	ND	ND	ND	ND	ND	--	--
03/02/99		25.62		29.77	--	110	0.89	0.53	ND	0.79	4.9	--	--
09/07/99		26.82		28.57	--	ND	ND	ND	ND	ND	3.0	--	--
03/09/00		24.07		31.32	--	ND	ND	0.615	ND	1.05	ND	--	--
09/11/00		26.48		28.91	--	ND	ND	0.686	ND	ND	ND	--	--
03/26/01	25.69		29.70	--	ND	ND	ND	ND	ND	ND	--	--	

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.hgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-2	03/02/99	25.48	20.0-40.0	29.81	--	ND	ND	ND	ND	ND	16	--	--
(cont)	09/07/99	26.51		28.78	--	ND	ND	ND	ND	ND	20	--	--
	03/09/00	23.95		31.34	--	ND	ND	ND	ND	ND	ND	--	--
	09/11/00	26.75		28.54	--	ND	ND	0.635	ND	ND	ND	--	--
	03/26/01	25.64		29.65	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	30.47		24.82	--	<50	<0.50	0.69	<0.50	<0.50	<5.0	--	--
	03/18/02	27.29		28.00	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	08/30/02 ²³	30.06		25.23	--	<50	<0.50	<0.50	<0.50	<1.0	3.2	--	--
	03/18/03 ²³	27.71		27.58	--	<50	<0.50	<0.50	<0.50	<1.0	2.2	--	--
U-3													
55.66	08/13/93	30.70	20.0-40.0	24.96	--	23,000	1,000	ND	1,700	1,600	--	--	--
	09/07/93	30.70		24.96	--	--	--	--	--	--	--	--	--
55.24	12/16/93	32.08		23.16	--	15,000	570	ND	940	670	--	--	--
	01/13/94	31.98		23.26	--	--	--	--	--	--	--	--	--
	02/09/94	33.82		21.42	--	--	--	--	--	--	--	--	--
	03/25/94	30.03		25.21	--	18,000	560	40	1,000	770	--	ND	480
	05/18/94	30.66		24.58	--	--	--	--	--	--	--	--	--
	06/19/94	31.19		24.05	--	17,000	580	ND	1,300	90	--	ND	410
	07/27/94	31.98		23.26	--	--	--	--	--	--	--	--	--
	08/18/94	32.39		22.85	--	--	--	--	--	--	--	--	--
	09/15/94	32.84		22.40	--	12,000	370	ND	970	610	--	ND	420
	10/11/94	32.20		23.04	--	--	--	--	--	--	--	--	--
	11/08/94	33.01		22.23	--	--	--	--	--	--	--	--	--
	12/06/94	31.34		23.90	--	17,000	390	ND	990	560	--	ND	430
	01/10/95	30.23		25.01	--	--	--	--	--	--	--	--	--
55.23	03/14/95	25.44		29.79	--	13,000	860	120	1,300	1,700	--	--	--
	06/20/95	26.70		28.53	--	9,800	590	ND	800	1,000	--	--	--
	09/18/95	29.55		25.68	--	9,800	600	ND	1,000	760	-- ⁶	--	--
	12/14/95	31.02		24.21	--	10,000	520	ND	920	630	-- ⁷	ND	240
	03/06/96	25.25		29.98	--	19,000	1,400	ND	1,800	3,000	73	--	--
	06/04/96	26.00		29.23	--	8,800	510	ND	600	830	ND	--	--

Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5430
1935 Washington Avenue
San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft. hgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-1	03/18/02 ²¹	28.81	20.0-40.0	27.28	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50 ^{1R}	4.4 ^{1R}
(cont)	08/30/02 ^{19,23}	31.25		24.84	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	1.2
	03/18/03 ²³	29.10		26.99	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ^{1R}	2.6 ^{1R}
U-2													
55.77	08/13/93	30.87	20.0-40.0	24.90	--	1,400	ND	ND	ND	ND	--	--	--
	09/07/93	30.87		24.90	--	--	--	--	--	--	--	--	--
55.27	12/16/93	32.19		23.08	--	330	1.7	ND	11	8.5	--	--	--
	01/13/94	32.13		23.14	--	--	--	--	--	--	--	--	--
	02/09/94	33.50		21.77	--	--	--	--	--	--	--	--	--
	03/25/94	30.09		25.18	--	130	0.70	0.78	0.65	0.64	--	ND	11
(D)	03/25/94	--		--	--	--	--	--	--	--	--	ND	ND
	05/18/94	30.73		24.54	--	--	--	--	--	--	--	--	--
	06/19/94	31.31		23.96	--	180 ⁴	ND	ND	ND	0.86	--	ND	0.54
	07/27/94	32.12		23.15	--	--	--	--	--	--	--	--	--
	08/18/94	32.50		22.77	--	--	--	--	--	--	--	--	--
	09/15/94	33.00		22.27	--	1,000 ⁵	44	ND	ND	ND	--	ND	0.66
	10/11/94	32.35		22.92	--	--	--	--	--	--	--	--	--
	11/08/94	33.09		22.18	--	--	--	--	--	--	--	--	--
	12/06/94	31.44		23.83	--	250	19	ND	ND	ND	--	ND	ND
	01/10/95	30.25		25.02	--	--	--	--	--	--	--	--	--
55.29	03/14/95	26.36		28.93	--	89	ND	ND	ND	1.2	--	--	--
	06/20/95	26.74		28.55	--	ND	ND	0.58	ND	1.7	--	--	--
	09/18/95	29.65		25.64	--	ND	ND	ND	ND	0.85	-- ⁶	--	--
	12/14/95	31.10		24.19	--	ND	ND	0.89	ND	2.0	-- ⁷	ND	ND
	03/06/96	25.17		30.12	--	ND	ND	ND	ND	ND	80	--	--
	06/04/96	26.03		29.26	--	ND	ND	ND	ND	ND	110	--	--
	09/06/96	29.18		26.11	--	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	24.64		30.65	--	ND	ND	ND	ND	ND	42	--	--
	09/04/97	30.59		24.70	--	ND	ND	ND	ND	ND	46	--	--
	03/09/98	19.22		36.07	--	ND	ND	ND	ND	ND	4.4	--	--
	09/01/98	26.40		28.89	--	ND	ND	ND	ND	ND	25	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DGB (ppb)	1,2-DCA (ppb)
U-1													
56.58	08/13/93 ¹	31.60	20.0-40.0	24.98	50 ²	310	0.84	ND	2.6	1.0	--	--	--
	09/07/93	31.60		24.98	--	--	--	--	--	--	--	--	--
56.10	12/16/93 ¹	33.19		22.91	130 ³	ND	ND	ND	ND	ND	--	--	--
	01/13/94	33.06		23.04	--	--	--	--	--	--	--	--	--
	02/09/94	32.70		23.40	--	--	--	--	--	--	--	--	--
	03/25/94 ¹	31.07		25.03	57 ³	58	0.63	0.79	ND	0.65	--	--	--
	05/18/94	31.76		24.34	--	--	--	--	--	--	--	--	--
	06/19/94 ¹	32.26		23.84	61 ³	51	ND	1.4	ND	2.7	--	ND	7.4
	07/27/94	33.07		23.03	--	--	--	--	--	--	--	--	--
	08/18/94	33.50		22.60	--	--	--	--	--	--	--	--	--
	09/15/94 ¹	33.93		22.17	83 ³	ND	0.50	0.85	ND	0.77	--	ND	9.5
	10/11/94	33.25		22.85	--	--	--	--	--	--	--	--	--
	11/08/94	34.05		22.05	--	--	--	--	--	--	--	--	--
	12/06/94 ¹	32.37		23.73	ND	ND	ND	ND	ND	ND	--	ND	5.8
	01/10/95	31.29		24.81	--	--	--	--	--	--	--	--	--
56.09	03/14/95	27.86		28.23	71 ³	380	20	ND	ND	10	--	--	--
	06/20/95	28.20		27.89	170 ³	500	50	ND	ND	4.4	--	--	--
	09/18/95	30.65		25.44	72.00	57	1.2	0.75	0.57	2.2	-- ⁶	--	--
	12/14/95	32.20		23.89	ND	ND	0.72	1.4	1.2	3.6	--	ND	3.8
	03/06/96	26.53		29.56	ND	96	4.5	ND	ND	3.7	ND	--	--
	06/04/96	27.43		28.66	170 ³	410	48	ND	3.4	7.9	ND	--	--
	09/06/96	30.25		25.84	ND	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	26.03		30.06	--	ND	ND	ND	ND	ND	ND	ND	43
	09/04/97	31.56		24.53	--	ND	ND	ND	ND	ND	ND	ND	4.5
	03/09/98	20.63		35.46	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/01/98	27.82		28.27	--	ND	0.59	ND	ND	ND	3.1	ND	8.9
	03/02/99	26.83		29.26	--	ND	ND	ND	ND	ND	ND	ND	4.5
	09/07/99	28.03		28.06	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/09/00	25.50		30.59	--	ND	ND	ND	ND	ND	ND	ND	1.32
	09/11/00 ¹⁶	28.16		27.93	--	ND	ND	0.592	ND	ND	ND	ND ⁹	ND ⁹
	03/26/01 ¹⁷	27.02		29.07	--	ND	ND	ND	ND	ND	ND	ND	2.50
	09/04/01 ¹⁹	31.67		24.42	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	2.4

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.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Tosco (Unocal) Service Station #5430
1935 Washington Avenue
San Leandro, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene Dibromide/1,2-Dibromoethane
(ppb) = Parts per billion
ND = Not Detected
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2003/03/29-02.09

MW-1 >> MS

Lab ID: 2003-03-0476 - 001

MS: 2003/03/29-02.09-037

Extracted: 03/30/2003

Analyzed: 03/30/2003 05:10

Dilution: 1.00

MSD: 2003/03/29-02.09-038

Extracted: 03/30/2003

Analyzed: 03/30/2003 05:36

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Chlorobenzene	20.0	19.0	ND	20.0	100.0	95.0	5.1	61-121	20		
1,1-Dichloroethene	21.2	19.8	ND	20.0	106.0	99.0	6.8	65-125	20		
Trichloroethene	70.8	69.4	54.4	20.0	82.0	75.0	8.9	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	454	462		500	90.8	92.3		86-115			
1,2-Dichloroethane-d4	541	545		500	108.2	109.1		76-114			
Toluene-d8	465	473		500	93.0	94.5		88-110			

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

04/01/2003 18:02

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Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/03/29-02.09

LCS 2003/03/29-02.09-022

Extracted: 03/29/2003

Analyzed: 03/29/2003 22:01

LCSD 2003/03/29-02.09-023

Extracted: 03/29/2003

Analyzed: 03/29/2003 22:34

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Chlorobenzene	19.5	18.4	20.0	97.5	92.0	5.8	61-121	20		
1,1-Dichloroethene	18.6	19.0	20.0	93.0	95.0	2.1	65-125	20		
Trichloroethene	17.0	17.2	20.0	85.0	86.0	1.2	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	473	482	500	94.6	96.4		86-115			
1,2-Dichloroethane-d4	478	479	500	95.6	95.8		76-114			
Toluene-d8	473	455	500	94.6	91.0		88-110			

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04/01/2003 18:02

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/03/29-02 09-024

Water

Test(s): 8260B

QC Batch # 2003/03/29-02-09

Date Extracted: 03/29/2003 23:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorofluoromethane	ND	1.0	ug/L	03/29/2003 23:01	
Trichlorotrifluoroethane	ND	0.5	ug/L	03/29/2003 23:01	
Vinyl chloride	ND	0.5	ug/L	03/29/2003 23:01	
Surrogates(s)					
4-Bromofluorobenzene	92.0	86-115	%	03/29/2003 23:01	
1,2-Dichloroethane-d4	99.0	76-114	%	03/29/2003 23:01	
Toluene-d8	91.4	88-110	%	03/29/2003 23:01	

Severn Trent Laboratories, Inc.

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04/01/2003 18:02

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

 Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/03/29-02.09-024

Water

 Test(s): 8260B
QC Batch # 2003/03/29-02.09

Date Extracted: 03/29/2003 23:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	03/29/2003 23:01	
Bromoform	ND	0.5	ug/L	03/29/2003 23:01	
Bromomethane	ND	1.0	ug/L	03/29/2003 23:01	
Carbon tetrachloride	ND	0.5	ug/L	03/29/2003 23:01	
Chlorobenzene	ND	0.5	ug/L	03/29/2003 23:01	
Chloroethane	ND	1.0	ug/L	03/29/2003 23:01	
2-Chloroethylvinyl ether	ND	5.0	ug/L	03/29/2003 23:01	
Chloroform	ND	1.0	ug/L	03/29/2003 23:01	
Chloromethane	ND	1.0	ug/L	03/29/2003 23:01	
Dibromochloromethane	ND	0.5	ug/L	03/29/2003 23:01	
1,2-Dichlorobenzene	ND	0.5	ug/L	03/29/2003 23:01	
1,3-Dichlorobenzene	ND	0.5	ug/L	03/29/2003 23:01	
1,4-Dichlorobenzene	ND	0.5	ug/L	03/29/2003 23:01	
Dichlorodifluoromethane	ND	0.5	ug/L	03/29/2003 23:01	
1,1-Dichloroethane	ND	0.5	ug/L	03/29/2003 23:01	
1,2-Dichloroethane	ND	0.5	ug/L	03/29/2003 23:01	
1,1-Dichloroethene	ND	0.5	ug/L	03/29/2003 23:01	
cis-1,2-Dichloroethene	ND	0.5	ug/L	03/29/2003 23:01	
trans-1,2-Dichloroethene	ND	0.5	ug/L	03/29/2003 23:01	
1,2-Dichloropropane	ND	0.5	ug/L	03/29/2003 23:01	
cis-1,3-Dichloropropene	ND	0.5	ug/L	03/29/2003 23:01	
trans-1,3-Dichloropropene	ND	0.5	ug/L	03/29/2003 23:01	
Methylene chloride	ND	5.0	ug/L	03/29/2003 23:01	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	03/29/2003 23:01	
Tetrachloroethene	ND	0.5	ug/L	03/29/2003 23:01	
1,1,1-Trichloroethane	ND	0.5	ug/L	03/29/2003 23:01	
1,1,2-Trichloroethane	ND	0.5	ug/L	03/29/2003 23:01	
Trichloroethene	ND	0.5	ug/L	03/29/2003 23:01	

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04/01/2003 18:02

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

6747 Sierra Court Suite J

Dublin, CA 94568

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: U-7	Lab ID: 2003-03-0389 - 8
Sampled: 03/18/2003 10:30	Extracted: 3/30/2003 03:50
Matrix: Water	QC Batch#: 2003/03/29-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	03/30/2003 03:50	
Bromomethane	ND	1.0	ug/L	1.00	03/30/2003 03:50	
<i>Surrogates(s)</i>						
4-Bromofluorobenzene	93.2	86-115	%	1.00	03/30/2003 03:50	
1,2-Dichloroethane-d4	104.1	76-114	%	1.00	03/30/2003 03:50	
Toluene-d8	93.7	88-110	%	1.00	03/30/2003 03:50	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

 Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-3	Lab ID:	2003-03-0389 - 4
Sampled:	03/18/2003 12:05	Extracted:	3/30/2003 03:23
Matrix:	Water	QC Batch#:	2003/03/29-02-09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	03/30/2003 03:23	
Vinyl chloride	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Chloroethane	ND	1.0	ug/L	1.00	03/30/2003 03:23	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	03/30/2003 03:23	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Methylene chloride	ND	5.0	ug/L	1.00	03/30/2003 03:23	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Chloroform	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Trichloroethene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/30/2003 03:23	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Tetrachloroethene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Chlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Bromoform	ND	2.0	ug/L	1.00	03/30/2003 03:23	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 03:23	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/30/2003 03:23	

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Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-1	Lab ID:	2003-03-0389 - 2
Sampled:	03/18/2003 11:00	Extracted:	3/30/2003 02:56
Matrix:	Water	QC Batch#:	2003/03/29-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	03/30/2003 02:56	
Bromomethane	ND	1.0	ug/L	1.00	03/30/2003 02:56	
Surrogates(s)						
4-Bromofluorobenzene	94.3	86-115	%	1.00	03/30/2003 02:56	
1,2-Dichloroethane-d4	105.2	76-114	%	1.00	03/30/2003 02:56	
Toluene-d8	92.0	88-110	%	1.00	03/30/2003 02:56	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

 Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-1	Lab ID:	2003-03-0389-2
Sampled:	03/18/2003 11:00	Extracted:	3/30/2003 02:56
Matrix:	Water	QC Batch#:	2003/03/29-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	03/30/2003 02:56	
Vinyl chloride	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Chloroethane	ND	1.0	ug/L	1.00	03/30/2003 02:56	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	03/30/2003 02:56	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Methylene chloride	ND	5.0	ug/L	1.00	03/30/2003 02:56	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Chloroform	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Carbon tetrachloride	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,2-Dichloroethane	2.6	0.50	ug/L	1.00	03/30/2003 02:56	
Trichloroethene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Bromodichloromethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	03/30/2003 02:56	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Tetrachloroethene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Dibromochloromethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Chlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Bromoform	ND	2.0	ug/L	1.00	03/30/2003 02:56	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	03/30/2003 02:56	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	03/30/2003 02:56	

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
U-1	03/18/2003 11:00	Water	2
U-3	03/18/2003 12:05	Water	4
U-7	03/18/2003 10:30	Water	8

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Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Legend and Notes

Analysis Flag

o

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

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: 180107.80
Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report			
Prep(s): 5030B	Test(s): 8260B		
Matrix Spike (MS / MSD)	Water	QC Batch # 2003/03/31-01.62	
S-1 >> MS		Lab ID:	2003-03-0411 - 001
MS: 2003/03/31-01.62-048	Extracted: 03/31/2003	Analyzed:	03/31/2003 16:48
		Dilution:	1.00
MSD: 2003/03/31-01.62-049	Extracted: 03/31/2003	Analyzed:	03/31/2003 17:10
		Dilution:	1.00

Compound	Conc. ug/L			Spk. Level ug/L	Recovery			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	30.8	29.4	0.520	25.0	121.1	115.5	4.7	65-165	20		
Benzene	24.2	27.5	ND	25.0	96.8	110.0	12.8	69-129	20		
Toluene	25.0	26.1	ND	25.0	100.0	104.4	4.3	70-130	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	516	498		500	103.2	99.6		76-114			
Toluene-d8	498	474		500	99.5	94.8		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
Attn.: Deanna Harding

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Project: 180107.80
Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD)

Water

QC Batch # 2003/03/30-01.39

MW-1 >> MS

Lab ID: 2003-03-0378 - 002

MS: 2003/03/30-01.39-010

Extracted: 03/30/2003

Analyzed: 03/30/2003 13:27

Dilution: 1.00

MSD: 2003/03/30-01.39-011

Extracted: 03/30/2003

Analyzed: 03/30/2003 13:51

Dilution: 1.00

Compound	Conc. ug/L		Spk. Level	Recovery			Limits %		Flags		
	MS	MSD		Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS
Benzene	25.2	27.0	ND	25.0	100.8	108.0	6.9	69-129	20		
Toluene	24.5	20.3	ND	25.0	98.0	81.2	18.7	70-130	20		
Methyl tert-butyl ether	25.5	28.2	ND	25.0	102.0	112.8	10.1	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	417	464		500	83.5	92.7		76-114			
Toluene-d8	459	456		500	91.9	91.2		88-110			

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/03/31-01.62

LCS 2003/03/31-01.62-001

Extracted: 03/31/2003

Analyzed: 03/31/2003 08:32

LCSD 2003/03/31-01.62-002

Extracted: 03/31/2003

Analyzed: 03/31/2003 08:54

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	31.4	30.6	25.0	125.6	122.4	2.6	65-165	20		
Benzene	25.8	27.0	25.0	103.2	108.0	4.5	69-129	20		
Toluene	26.3	26.7	25.0	105.2	106.8	1.5	70-130	20		
<i>Surrogates(s)</i>										
1,2-Dichloroethane-d4	509	487	500	101.8	97.4		76-114	0		
Toluene-d8	486	474	500	97.2	94.8		88-110	0		

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Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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

Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike

Water

QC Batch # 2003/03/30-01.39

LCS 2003/03/30-01.39-003

Extracted: 03/30/2003

Analyzed: 03/30/2003 10:28

LCSD 2003/03/30-01.39-004

Extracted: 03/30/2003

Analyzed: 03/30/2003 10:56

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	25.6	26.3	25.0	102.4	105.2	2.7	69-129	20		
Toluene	25.0	25.4	25.0	100.0	101.6	1.6	70-130	20		
Methyl tert-butyl ether (MTBE)	26.8	24.8	25.0	107.2	99.2	7.8	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	435	415	500	87.0	83.0		76-114			
Toluene-d8	463	465	500	92.6	93.0		88-110			

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Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 180107.80
Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/03/31-01.62-004

Water

Test(s): 8260FAB

QC Batch # 2003/03/31-01.62

Date Extracted: 03/31/2003 09:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/31/2003 09:15	
Benzene	ND	0.5	ug/L	03/31/2003 09:15	
Toluene	ND	0.5	ug/L	03/31/2003 09:15	
Ethylbenzene	ND	0.5	ug/L	03/31/2003 09:15	
Total xylenes	ND	1.0	ug/L	03/31/2003 09:15	
tert-Butyl alcohol (TBA)	ND	100	ug/L	03/31/2003 09:15	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/31/2003 09:15	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	03/31/2003 09:15	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	03/31/2003 09:15	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/31/2003 09:15	
1,2-DCA	ND	2.0	ug/L	03/31/2003 09:15	
EDB	ND	2.0	ug/L	03/31/2003 09:15	
Ethanol	ND	500	ug/L	03/31/2003 09:15	
Surrogates(s)					
1,2-Dichloroethane-d4	98.2	76-114	%	03/31/2003 09:15	
Toluene-d8	94.2	88-110	%	03/31/2003 09:15	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan
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Project: 180107.80
Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Batch QC Report		
Prep(s): 5030B		Test(s): 8260FAB
Method Blank	Water	QC Batch # 2003/03/30-01.39
MB: 2003/03/30-01.39-012		Date Extracted: 03/30/2003 11:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/30/2003 11:20	
Benzene	ND	0.5	ug/L	03/30/2003 11:20	
Toluene	ND	0.5	ug/L	03/30/2003 11:20	
Ethylbenzene	ND	0.5	ug/L	03/30/2003 11:20	
Total xylenes	ND	1.0	ug/L	03/30/2003 11:20	
tert-Butyl alcohol (TBA)	ND	100	ug/L	03/30/2003 11:20	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	03/30/2003 11:20	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	03/30/2003 11:20	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	03/30/2003 11:20	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/30/2003 11:20	
1,2-DCA	ND	2.0	ug/L	03/30/2003 11:20	
EDB	ND	2.0	ug/L	03/30/2003 11:20	
Ethanol	ND	500	ug/L	03/30/2003 11:20	
Surrogates(s)					
1,2-Dichloroethane-d4	92.0	76-114	%	03/30/2003 11:20	
Toluene-d8	91.6	88-110	%	03/30/2003 11:20	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-7	Lab ID:	2003-03-0389 - 8
Sampled:	03/18/2003 10:30	Extracted:	3/31/2003 17:54
Matrix:	Water	QC Batch#:	2003/03/31-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/31/2003 17:54	
Benzene	ND	0.50	ug/L	1.00	03/31/2003 17:54	
Toluene	ND	0.50	ug/L	1.00	03/31/2003 17:54	
Ethylbenzene	ND	0.50	ug/L	1.00	03/31/2003 17:54	
Total xylenes	ND	1.0	ug/L	1.00	03/31/2003 17:54	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/31/2003 17:54	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/31/2003 17:54	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/31/2003 17:54	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/31/2003 17:54	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/31/2003 17:54	
1,2-DCA	ND	2.0	ug/L	1.00	03/31/2003 17:54	
EDB	ND	2.0	ug/L	1.00	03/31/2003 17:54	
Ethanol	ND	500	ug/L	1.00	03/31/2003 17:54	
Surrogates(s)						
1,2-Dichloroethane-d4	107.0	76-114	%	1.00	03/31/2003 17:54	
Toluene-d8	99.1	88-110	%	1.00	03/31/2003 17:54	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: U-6	Lab ID: 2003-03-0389 - 7
Sampled: 03/18/2003 11:30	Extracted: 3/31/2003 14:49
Matrix: Water	QC Batch#: 2003/03/31-01.62
Analysis Flag: o (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1800	250	ug/L	5.00	03/31/2003 14:49	
Benzene	30	2.5	ug/L	5.00	03/31/2003 14:49	
Toluene	ND	2.5	ug/L	5.00	03/31/2003 14:49	
Ethylbenzene	270	2.5	ug/L	5.00	03/31/2003 14:49	
Total xylenes	47	5.0	ug/L	5.00	03/31/2003 14:49	
tert-Butyl alcohol (TBA)	ND	500	ug/L	5.00	03/31/2003 14:49	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	5.00	03/31/2003 14:49	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	5.00	03/31/2003 14:49	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	03/31/2003 14:49	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	03/31/2003 14:49	
1,2-DCA	ND	10	ug/L	5.00	03/31/2003 14:49	
EDB	ND	10	ug/L	5.00	03/31/2003 14:49	
Ethanol	ND	2500	ug/L	5.00	03/31/2003 14:49	
Surrogates(s)						
1,2-Dichloroethane-d4	104.4	76-114	%	5.00	03/31/2003 14:49	
Toluene-d8	95.5	88-110	%	5.00	03/31/2003 14:49	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: U-5	Lab ID: 2003-03-0389 - 6
Sampled: 03/18/2003 09:10	Extracted: 3/30/2003 19:39
Matrix: Water	QC Batch#: 2003/03/30-01.39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 19:39	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 19:39	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 19:39	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 19:39	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 19:39	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 19:39	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 19:39	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 19:39	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 19:39	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 19:39	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 19:39	
EDB	ND	2.0	ug/L	1.00	03/30/2003 19:39	
Ethanol	ND	500	ug/L	1.00	03/30/2003 19:39	
Surrogates(s)						
1,2-Dichloroethane-d4	97.6	76-114	%	1.00	03/30/2003 19:39	
Toluene-d8	94.0	88-110	%	1.00	03/30/2003 19:39	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-4	Lab ID:	2003-03-0389 - 5
Sampled:	03/18/2003 09:35	Extracted:	3/30/2003 19:16
Matrix:	Water	QC Batch#:	2003/03/30-01.39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 19:16	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 19:16	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 19:16	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 19:16	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 19:16	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 19:16	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 19:16	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 19:16	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 19:16	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 19:16	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 19:16	
EDB	ND	2.0	ug/L	1.00	03/30/2003 19:16	
Ethanol	ND	500	ug/L	1.00	03/30/2003 19:16	
Surrogates(s)						
1,2-Dichloroethane-d4	98.5	76-114	%	1.00	03/30/2003 19:16	
Toluene-d8	95.1	88-110	%	1.00	03/30/2003 19:16	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-3	Lab ID:	2003-03-0389 - 4
Sampled:	03/18/2003 12:05	Extracted:	3/30/2003 18:53
Matrix:	Water	QC Batch#:	2003/03/30-01.39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 18:53	
Benzene	1.2	0.50	ug/L	1.00	03/30/2003 18:53	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 18:53	
Ethylbenzene	7.9	0.50	ug/L	1.00	03/30/2003 18:53	
Total xylenes	4.3	1.0	ug/L	1.00	03/30/2003 18:53	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 18:53	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 18:53	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 18:53	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 18:53	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 18:53	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 18:53	
EDB	ND	2.0	ug/L	1.00	03/30/2003 18:53	
Ethanol	ND	500	ug/L	1.00	03/30/2003 18:53	
Surrogates(s)						
1,2-Dichloroethane-d4	100.6	76-114	%	1.00	03/30/2003 18:53	
Toluene-d8	90.2	88-110	%	1.00	03/30/2003 18:53	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

 Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-2	Lab ID:	2003-03-0389 - 3
Sampled:	03/18/2003 10:00	Extracted:	3/30/2003 18:29
Matrix:	Water	QC Batch#:	2003/03/30-01 39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 18:29	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 18:29	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 18:29	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 18:29	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 18:29	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 18:29	
Methyl tert-butyl ether (MTBE)	2.2	2.0	ug/L	1.00	03/30/2003 18:29	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 18:29	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 18:29	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 18:29	
1,2-DCA	ND	2.0	ug/L	1.00	03/30/2003 18:29	
EDB	ND	2.0	ug/L	1.00	03/30/2003 18:29	
Ethanol	ND	500	ug/L	1.00	03/30/2003 18:29	
Surrogates(s)						
1,2-Dichloroethane-d4	103.1	76-114	%	1.00	03/30/2003 18:29	
Toluene-d8	92.6	88-110	%	1.00	03/30/2003 18:29	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-1	Lab ID:	2003-03-0389-2
Sampled:	03/18/2003 11:00	Extracted:	3/30/2003 18:06
Matrix:	Water	QC Batch#:	2003/03/30-01.39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 18:06	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 18:06	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 18:06	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 18:06	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 18:06	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	03/30/2003 18:06	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 18:06	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	03/30/2003 18:06	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	03/30/2003 18:06	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	03/30/2003 18:06	
1,2-DCA	2.8	2.0	ug/L	1.00	03/30/2003 18:06	
EDB	ND	2.0	ug/L	1.00	03/30/2003 18:06	
Ethanol	ND	500	ug/L	1.00	03/30/2003 18:06	
Surrogates(s)						
1,2-Dichloroethane-d4	95.9	76-114	%	1.00	03/30/2003 18:06	
Toluene-d8	93.8	88-110	%	1.00	03/30/2003 18:06	

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: 180107.80
Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	QA	Lab ID:	2003-03-0389 - 1
Sampled:	03/18/2003	Extracted:	3/30/2003 12:40
Matrix:	Water	QC Batch#:	2003/03/30-01.39

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/30/2003 12:40	
Benzene	ND	0.50	ug/L	1.00	03/30/2003 12:40	
Toluene	ND	0.50	ug/L	1.00	03/30/2003 12:40	
Ethylbenzene	ND	0.50	ug/L	1.00	03/30/2003 12:40	
Total xylenes	ND	1.0	ug/L	1.00	03/30/2003 12:40	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	03/30/2003 12:40	
Surrogates(s)						
1,2-Dichloroethane-d4	83.6	76-114	%	1.00	03/30/2003 12:40	
Toluene-d8	94.9	88-110	%	1.00	03/30/2003 12:40	

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: 180107.80

Tosco #5430

Received: 03/19/2003 13:25

Site: 1935 Washington Ave.
San Leandro, CA**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
QA	03/18/2003	Water	1
U-1	03/18/2003 11:00	Water	2
U-2	03/18/2003 10:00	Water	3
U-3	03/18/2003 12:05	Water	4
U-4	03/18/2003 09:35	Water	5
U-5	03/18/2003 09:10	Water	6
U-6	03/18/2003 11:30	Water	7
U-7	03/18/2003 10:30	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

04/02/2003 14:01

Page 1 of 16

April 07, 2003

Gettler Ryan

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180107.80

Project: Tosco #5430

Site: 1935 Washington Ave.
San Leandro, CA

RECEIVED

Dear Ms. Harding,

Attached is our report for your samples received on 03/19/2003 13:25

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 05/03/2003 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

2003-03-0384

Gettler-Ryan Inc., Chain-of-Custo

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

Facility Number #5430
Facility Address 1935 WASHINGTON AVE., SAN LEANDRO, CA
Global ID T0600101785 Project 180107.80
Client Contact MR. DAVID B. DEWITT
Phone (925) 277-2384

Laboratory Name STL - PLEASANTON, CA
Consultant GETTLER-RYAN, INC. DEANNA L. HARDING
Address 5747 SIERRA CT., SUITE J, DUBLIN CA 94568
Phone (925) 551-7555 Fax (925) 551-7899
Samples Collected by Verka Tashjian

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	HYOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270					Remarks		
DA	1	✓	HCl	3/18/03					X															
U-1	6	✓	✓	1100					X	X					X									
U-2	3	✓	✓	1000					X	X														
U-3	6	✓	✓	1205					X	X					X									
U-4	3	✓	✓	0935					X	X														
U-5	3	✓	✓	0910					X	X														
U-6	3	✓	✓	1130					X	X														
U-7	6	✓	✓	1030					X	X					X									

- OXYGENATE 628
- 1 - MTBE
 - 2 - TBA
 - 3 - TAME
 - 4 - DIPE
 - 5 - ETBE
 - 6 - 1,2-DCA
 - 7 - EDB
 - 8 - ETHANOL

Relinquished By (Signature) <i>Verka Tashjian</i>	Organization G.R	Date/Time 1310 3/18/03	Received By (Signature) <i>[Signature]</i>	Organization	Date/Time	Lead Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 72 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Lead Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <i>[Signature]</i>		Date/Time 3-19-03	Lead Y/N 1325	



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 3/18/03 (inclusive)
 City: San Leandro, CA Sampler: Vasthes

Well ID: U-7 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 37.80 ft.
 Depth to Water: 27.39 ft.
10.41 xVF 0.17 = 1.76 x3 (case volume) = Estimated Purge Volume: 5.5 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: Ø 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): 1015 Weather Conditions: clear
 Sample Time/Date: 1030 13/18/03 Water Color: brn. Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: silt
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1017</u>	<u>2</u>	<u>7.51</u>	<u>764</u>	<u>68.5</u>		
<u>1019</u>	<u>4</u>	<u>7.40</u>	<u>751</u>	<u>68.8</u>		
<u>1021</u>	<u>5.5</u>	<u>7.35</u>	<u>746</u>	<u>69.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-7</u>	<u>3 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 OXY'S(8260)</u>
<u>U-7</u>	<u>3 x vov</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>HVOC'S (2010 list) by 2011B</u>

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 3/18/03 (inclusive)
 City: San Leandro, CA Sampler: Vortex

Well ID: U-6 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 39.95 ft.
 Depth to Water: 28.19 ft.
11.76 xVF 0.17 = 1.99 x3 (case volume) = Estimated Purge Volume: 6 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): 1115 Weather Conditions: clear
 Sample Time/Date: 1130 3/18/03 Water Color: gray Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: silty (H2O)
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1117</u>	<u>2</u>	<u>7.31</u>	<u>1034</u>	<u>70.3</u>		
<u>1119</u>	<u>4</u>	<u>7.20</u>	<u>1021</u>	<u>70.6</u>		
<u>1121</u>	<u>6</u>	<u>7.16</u>	<u>1013</u>	<u>70.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-6</u>	<u>3 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 OXY'S(8260)</u>
U-6	3 vials				Hydro's (2001) by 2021B

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____

Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 3/18/03 (inclusive)
 Sampler: Vastka

Well ID: U-5 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 38.30 ft.
 Depth to Water: 26.58 ft.
11.72 xVF 0.17 = 1.99 x3 (case volume) = Estimated Purge Volume: 6 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: φ 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): 0850 Weather Conditions: ptly clay
 Sample Time/Date: 0900 13/18/03 Water Color: hro. Odor: no
 Purging Flow Rate: 1 gpm. Sediment Description: SiH (at)
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0852</u>	<u>2</u>	<u>7.73</u>	<u>864</u>	<u>65.6</u>		
<u>0854</u>	<u>4</u>	<u>7.60</u>	<u>847</u>	<u>66.2</u>		
<u>0856</u>	<u>6</u>	<u>7.57</u>	<u>840</u>	<u>66.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-5</u>	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 OXY'S(8260)</u>
U-5	3 x vva	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 OXY'S(8260) by 221B

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 3/18/03 (inclusive)
 Sampler: Vault

Well ID: U-4
 Well Diameter: 2 in.
 Total Depth: 302.86 ft.
 Depth to Water: 27.85 ft.
11.01 xVF 0.17 = 1.87

Date Monitored: 3/18/03 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

x3 (case volume) = Estimated Purge Volume: 6 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: φ 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): 0920 Weather Conditions: Clear
 Sample Time/Date: 0935 3/18/03 Water Color: brn. Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: little silt
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0922</u>	<u>2</u>	<u>7.54</u>	<u>787</u>	<u>66.6</u>		
<u>0924</u>	<u>4</u>	<u>7.40</u>	<u>780</u>	<u>66.8</u>		
<u>0926</u>	<u>6</u>	<u>7.36</u>	<u>768</u>	<u>67.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-4</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-4	3 x voa				11/26/03 (2010 list) 12/8/03

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 3/18/03 (inclusive)
 City: San Leandro, CA Sampler: Vaithes

Well ID: U-3 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 38.52 ft.
 Depth to Water: 27.69 ft.
10.83 xVF 0.17 = 1.84 x3 (case volume) = Estimated Purge Volume: 5.5 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: _____ 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): 1150 Weather Conditions: clear
 Sample Time/Date: 1205 13/18/03 Water Color: 500 Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: 557
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1152</u>	<u>2</u>	<u>7.43</u>	<u>978</u>	<u>70.5</u>		
<u>1154</u>	<u>7</u>	<u>7.30</u>	<u>961</u>	<u>70.8</u>		
<u>1155</u>	<u>55</u>	<u>7.28</u>	<u>950</u>	<u>70.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-3</u>	<u>3 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 OXY'S(8260)</u>
<u>U-3</u>	<u>3 x vva</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>AVOC'S (8210.01) by 8021 B</u>

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 3/18/03 (inclusive)
 Sampler: Vantus

Well ID: U-2 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 39.38 ft.
 Depth to Water: 27.71 ft.
11.67 xVF 0.17 = 1.98 x3 (case volume) = Estimated Purge Volume: 6 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: φ 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): 0945 Weather Conditions: clear
 Sample Time/Date: 1000 13/18/03 Water Color: brn. Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: sil (little)
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0947</u>	<u>2</u>	<u>7.60</u>	<u>904</u>	<u>68.0</u>	_____	_____
<u>0949</u>	<u>4</u>	<u>7.46</u>	<u>890</u>	<u>68.1</u>	_____	_____
<u>0951</u>	<u>6</u>	<u>7.71</u>	<u>881</u>	<u>68.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-2</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-2	3	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/8 OXY'S (8260) by 802113

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips#5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 3/18/03 (inclusive)
 Sampler: Narkes

Well ID: U-1 Date Monitored: 3/18/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 39.60 ft.
 Depth to Water: 29.10 ft.
 $10.50 \times VF \ 0.17 = 1.78 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 5.5 \text{ gal.}$

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: Ø 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): 1045 Weather Conditions: clear
 Sample Time/Date: 1100 13/18/03 Water Color: brn Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: silt
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1047</u>	<u>2</u>	<u>7.47</u>	<u>967</u>	<u>69.0</u>		
<u>1047</u>	<u>4</u>	<u>7.33</u>	<u>958</u>	<u>68.2</u>		
<u>1057</u>	<u>5.5</u>	<u>7.28</u>	<u>954</u>	<u>69.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-1</u>	<u>3 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE/8 OXYS(8260)</u>
<u>U-1</u>	<u>3 x vva</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>HVOC's (3010 list) by 2021 B</u>

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-1													
56.58	08/13/93 ¹	31.60	20.0-40.0	24.98	50 ²	310	0.84	ND	2.6	1.0	--	--	--
	09/07/93	31.60		24.98	--	--	--	--	--	--	--	--	--
56.10	12/16/93 ¹	33.19		22.91	130 ³	ND	ND	ND	ND	ND	--	--	--
	01/13/94	33.06		23.04	--	--	--	--	--	--	--	--	--
	02/09/94	32.70		23.40	--	--	--	--	--	--	--	--	--
	03/25/94 ¹	31.07		25.03	57 ³	58	0.63	0.79	ND	0.65	--	--	--
	05/18/94	31.76		24.34	--	--	--	--	--	--	--	--	--
	06/19/94 ¹	32.26		23.84	61 ³	51	ND	1.4	ND	2.7	--	ND	7.4
	07/27/94	33.07		23.03	--	--	--	--	--	--	--	--	--
	08/18/94	33.50		22.60	--	--	--	--	--	--	--	--	--
	09/15/94 ¹	33.93		22.17	83 ³	ND	0.50	0.85	ND	0.77	--	ND	9.5
	10/11/94	33.25		22.85	--	--	--	--	--	--	--	--	--
	11/08/94	34.05		22.05	--	--	--	--	--	--	--	--	--
	12/06/94 ¹	32.37		23.73	ND	ND	ND	ND	ND	ND	--	ND	5.8
	01/10/95	31.29		24.81	--	--	--	--	--	--	--	--	--
56.09	03/14/95	27.86		28.23	71 ³	380	20	ND	ND	10	--	--	--
	06/20/95	28.20		27.89	170 ³	500	50	ND	ND	4.4	--	--	--
	09/18/95	30.65		25.44	72.00	57	1.2	0.75	0.57	2.2	-- ⁶	--	--
	12/14/95	32.20		23.89	ND	ND	0.72	1.4	1.2	3.6	--	ND	3.8
	03/06/96	26.53		29.56	ND	96	4.5	ND	ND	3.7	ND	--	--
	06/04/96	27.43		28.66	170 ³	410	48	ND	3.4	7.9	ND	--	--
	09/06/96	30.25		25.84	ND	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	26.03		30.06	--	ND	ND	ND	ND	ND	ND	ND	43
	09/04/97	31.56		24.53	--	ND	ND	ND	ND	ND	ND	ND	4.5
	03/09/98	20.63		35.46	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/01/98	27.82		28.27	--	ND	0.59	ND	ND	ND	3.1	ND	8.9
	03/02/99	26.83		29.26	--	ND	ND	ND	ND	ND	ND	ND	4.5
	09/07/99	28.03		28.06	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/09/00	25.50		30.59	--	ND	ND	ND	ND	ND	ND	ND	1.32
	09/11/00 ¹⁶	28.16		27.93	--	ND	ND	0.592	ND	ND	ND	ND ⁹	ND ⁹
	03/26/01 ¹⁷	27.02		29.07	--	ND	ND	ND	ND	ND	ND	ND	2.50
	09/04/01 ¹⁹	31.67		24.42	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	2.4

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-1	03/18/02 ²¹	28.81	20.0-40.0	27.28	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50 ¹⁸	4.4 ¹⁸
(cont)	08/30/02 ^{19,23}	31.25		24.84	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	1.2
	03/18/03 ²³	29.10		26.99	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ¹⁸	2.6 ¹⁸
	09/26/03 ²³	32.10		23.99	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ¹⁸	<0.50 ¹⁸
U-2													
55.77	08/13/93	30.87	20.0-40.0	24.90	--	1,400	ND	ND	ND	ND	--	--	--
	09/07/93	30.87		24.90	--	--	--	--	--	--	--	--	--
55.27	12/16/93	32.19		23.08	--	330	1.7	ND	11	8.5	--	--	--
	01/13/94	32.13		23.14	--	--	--	--	--	--	--	--	--
	02/09/94	33.50		21.77	--	--	--	--	--	--	--	--	--
	03/25/94	30.09		25.18	--	130	0.70	0.78	0.65	0.64	--	ND	11
(D)	03/25/94	--		--	--	--	--	--	--	--	--	ND	ND
	05/18/94	30.73		24.54	--	--	--	--	--	--	--	--	--
	06/19/94	31.31		23.96	--	180 ⁴	ND	ND	ND	0.86	--	ND	0.54
	07/27/94	32.12		23.15	--	--	--	--	--	--	--	--	--
	08/18/94	32.50		22.77	--	--	--	--	--	--	--	--	--
	09/15/94	33.00		22.27	--	1,000 ⁵	44	ND	ND	ND	--	ND	0.66
	10/11/94	32.35		22.92	--	--	--	--	--	--	--	--	--
	11/08/94	33.09		22.18	--	--	--	--	--	--	--	--	--
	12/06/94	31.44		23.83	--	250	19	ND	ND	ND	--	ND	ND
	01/10/95	30.25		25.02	--	--	--	--	--	--	--	--	--
55.29	03/14/95	26.36		28.93	--	89	ND	ND	ND	1.2	--	--	--
	06/20/95	26.74		28.55	--	ND	ND	0.58	ND	1.7	--	--	--
	09/18/95	29.65		25.64	--	ND	ND	ND	ND	0.85	-- ⁶	--	--
	12/14/95	31.10		24.19	--	ND	ND	0.89	ND	2.0	-- ⁷	ND	ND
	03/06/96	25.17		30.12	--	ND	ND	ND	ND	ND	80	--	--
	06/04/96	26.03		29.26	--	ND	ND	ND	ND	ND	110	--	--
	09/06/96	29.18		26.11	--	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	24.64		30.65	--	ND	ND	ND	ND	ND	42	--	--
	09/04/97	30.59		24.70	--	ND	ND	ND	ND	ND	46	--	--
	03/09/98	19.22		36.07	--	ND	ND	ND	ND	ND	4.4	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-2 (cont)	09/01/98	26.40	20.0-40.0	28.89	--	ND	ND	ND	ND	ND	25	--	--
	03/02/99	25.48		29.81	--	ND	ND	ND	ND	ND	16	--	--
	09/07/99	26.51		28.78	--	ND	ND	ND	ND	ND	20	--	--
	03/09/00	23.95		31.34	--	ND	ND	ND	ND	ND	ND	--	--
	09/11/00	26.75		28.54	--	ND	ND	0.635	ND	ND	ND	--	--
	03/26/01	25.64		29.65	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	30.47		24.82	--	<50	<0.50	0.69	<0.50	<0.50	<5.0	--	--
	03/18/02	27.29		28.00	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	08/30/02 ²³	30.06		25.23	--	<50	<0.50	<0.50	<0.50	<1.0	3.2	--	--
	03/18/03 ²³	27.71		27.58	--	<50	<0.50	<0.50	<0.50	<1.0	2.2	--	--
09/26/03 ²³	30.73		24.56	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	
U-3 55.66 55.24 55.23	08/13/93	30.70	20.0-40.0	24.96	--	23,000	1,000	ND	1,700	1,600	--	--	--
	09/07/93	30.70		24.96	--	--	--	--	--	--	--	--	--
	12/16/93	32.08		23.16	--	15,000	570	ND	940	670	--	--	--
	01/13/94	31.98		23.26	--	--	--	--	--	--	--	--	--
	02/09/94	33.82		21.42	--	--	--	--	--	--	--	--	--
	03/25/94	30.03		25.21	--	18,000	560	40	1,000	770	--	ND	480
	05/18/94	30.66		24.58	--	--	--	--	--	--	--	--	--
	06/19/94	31.19		24.05	--	17,000	580	ND	1,300	90	--	ND	410
	07/27/94	31.98		23.26	--	--	--	--	--	--	--	--	--
	08/18/94	32.39		22.85	--	--	--	--	--	--	--	--	--
	09/15/94	32.84		22.40	--	12,000	370	ND	970	610	--	ND	420
	10/11/94	32.20		23.04	--	--	--	--	--	--	--	--	--
	11/08/94	33.01		22.23	--	--	--	--	--	--	--	--	--
	12/06/94	31.34		23.90	--	17,000	390	ND	990	560	--	ND	430
	01/10/95	30.23		25.01	--	--	--	--	--	--	--	--	--
	03/14/95	25.44		29.79	--	13,000	860	120	1,300	1,700	--	--	--
06/20/95	26.70		28.53	--	9,800	590	ND	800	1,000	--	--	--	
09/18/95	29.55		25.68	--	9,800	600	ND	1,000	760	-- ⁶	--	--	
12/14/95	31.02		24.21	--	10,000	520	ND	920	630	-- ⁷	ND	240	

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC*(ft)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-3 (cont)	03/06/96	25.25	20.0-40.0	29.98	--	19,000	1,400	ND	1,800	3,000	73	--	--
	06/04/96	26.00		29.23	--	8,800	510	ND	600	830	ND	--	--
	09/06/96	29.06		26.17	--	15,000	360	20	540	450	ND	--	--
	03/08/97	24.65		30.58	--	3,500	310	ND	230	630	ND	ND	100
	09/04/97	30.44		24.79	--	700	27	ND	48	34	ND	ND	160
	03/09/98	19.20		36.03	--	410	22	1.2	ND ⁹	6.1	24	ND	4.4
	09/01/98	26.33		28.90	--	ND	ND	ND	ND	ND	6.1	ND	ND
	03/02/99	25.50		29.73	--	2,100	110	2.6	ND ⁹	240	39	ND	6.7
	09/07/99 ¹³	27.63		27.60	--	2,400 ¹²	67	ND ⁹	150	150	ND ⁹	ND	1.1
	03/09/00	24.05		31.18	--	3,250 ¹²	143	ND ⁹	59.0	326	ND ⁹	ND ⁹	ND ⁹
	09/11/00 ¹⁷	27.83		27.40	--	ND	ND	ND	ND	ND	ND	ND	1.17
	03/26/01 ¹⁷	25.75		29.48	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/01 ¹⁹	30.41		24.82	--	5,400 ¹⁵	110	<10	800	220	<100	<5.0	<5.0
	03/18/02 ²¹	27.35		27.88	--	<50	<0.50	<0.50	0.55	1.2	<5.0	<0.50 ¹⁸	<0.50 ¹⁸
	08/30/02 ^{19,23}	30.01		25.22	--	4,400	55	<2.5	610	140	<10	<0.50	<0.50
03/18/03 ²³	27.69		27.54	--	<50	1.2	<0.50	7.9	4.3	<2.0	<0.50 ¹⁸	<0.50 ¹⁸	
09/26/03 ²³	30.62		24.61	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ¹⁸	<0.50 ¹⁸	
U-4 55.39	03/14/95	26.52	25.0-40.0	28.87	--	490	3.2	2.1	0.79	1.2	--	ND	ND
	06/20/95	26.90		28.49	--	ND	ND	ND	ND	1.5	--	--	--
	09/18/95	29.79		25.60	--	ND	ND	ND	ND	ND	-- ⁶	--	--
	12/14/95	31.23		24.16	--	ND	ND	0.59	ND	0.79	-- ⁷	ND	ND
	03/06/96	25.30		30.09	--	ND	ND	ND	ND	0.62	50	--	--
	06/04/96	26.19		29.20	--	ND	ND	ND	ND	ND	290	--	--
	09/06/96	29.32		26.07	--	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	24.79		30.60	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/97	30.71		24.68	--	ND	ND	ND	ND	ND	18	--	--
	03/09/98	19.37		36.02	--	ND	ND	ND	ND	ND	ND	--	--
	09/01/98	26.56		28.83	--	ND	ND	ND	ND	ND	ND	--	--
	03/02/99	25.62		29.77	--	110	0.89	0.53	ND	0.79	4.9	--	--
09/07/99	26.82		28.57	--	ND	ND	ND	ND	ND	3.0	--	--	

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-4 (cont)	03/09/00	24.07	25.0-40.0	31.32	--	ND	ND	0.615	ND	1.05	ND	--	--
	09/11/00	26.48		28.91	--	ND	ND	0.686	ND	ND	ND	--	--
	03/26/01	25.69		29.70	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	30.60		24.79	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	03/18/02	27.45		27.94	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	08/30/02 ²³	30.19		25.20	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	03/18/03 ²³	27.85		27.54	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	09/26/03 ²³	30.86		24.53	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
U-5 54.18	03/14/95	25.20	25.0-40.0	28.98	--	ND	ND	ND	ND	1.2	--	ND	ND
	06/20/95	25.60		28.58	--	ND	ND	ND	ND	1.6	--	--	--
	09/18/95	28.55		25.63	--	ND	ND	ND	ND	0.66	--	--	--
	12/14/95	29.94		24.24	--	ND	ND	ND	ND	ND	--	ND	ND
	03/06/96	24.03		30.15	--	ND	ND	ND	ND	ND	ND	--	--
	06/04/96	24.91		29.27	--	ND	ND	ND	ND	ND	ND	--	--
	09/06/96	28.06		26.12	--	ND	ND	ND	ND	ND	ND	--	--
	03/08/97	23.49		30.69	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/97	29.46		24.72	--	ND	ND	ND	ND	ND	ND	--	--
	03/09/98	18.10		36.08	--	ND	ND	ND	ND	ND	ND	--	--
	09/01/98	25.27		28.91	--	ND	ND	ND	ND	ND	ND	--	--
	03/02/99	24.35		29.83	--	ND	ND	ND	ND	ND	ND	--	--
	09/07/99	26.39		27.79	--	ND	ND	ND	ND	ND	ND	--	--
	03/09/00	22.81		31.37	--	ND	ND	ND	ND	ND	ND	--	--
	09/11/00	25.36		28.82	--	ND	ND	0.640	ND	ND	ND	--	--
	03/26/01	24.55		29.63	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	29.34		24.84	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	03/18/02	26.16		28.02	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	08/30/02 ²³	28.94		25.24	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	03/18/03 ²³	26.58		27.60	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
09/26/03 ²³	29.60		24.58	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--	

Table 1
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 Tosco (Unocal) Service Station #5430
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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-6													
55.36	03/14/95	26.94	25.0-40.0	28.42	--	14,000	170	36	790	1,500	--	ND	210
	06/20/95	27.15		28.21	--	8,500	170	11	950	1,300	--	--	--
	09/18/95	29.95		25.41	--	9,500	260	ND	1,400	1,800	-- ⁶	--	--
	12/14/95	31.32		24.04	--	15,000	240	ND	1,400	1,700	-- ⁷	ND	370
	03/06/96	25.71		29.65	--	2,400	54	ND	170	250	ND	--	--
	06/04/96	26.52		28.84	--	4,600	83	ND	400	520	46	--	--
	09/06/96	29.41		25.95	--	12,000	180	6.4	690	600	95	--	--
	03/08/97	25.25		30.11	--	2,000	180	ND	96	290	ND	--	--
	09/04/97	30.75		24.61	--	680	17	ND	52	39	ND	--	--
	03/09/98	19.84		35.52	--	690	41	8.5	3.2	140	16	--	--
	09/01/98	INACCESSIBLE (PAVED OVER)			--	--	--	--	--	--	--	--	--
	03/02/99	25.95		29.41	--	3,900	240	ND ⁹	650	430	45	--	--
	09/07/99	28.19		27.17	--	320 ¹²	14	ND ⁹	5.2	ND ⁹	10	--	--
	03/09/00	24.64		30.72	--	4,980 ¹²	193	ND ⁹	520	365	ND ⁹	--	--
	09/11/00	28.35		27.01	--	538 ¹⁵	22.8	ND	13.8	3.11	ND	--	--
	10/13/00	29.67		25.69	--	--	--	--	--	--	--/ND ¹⁸	--	--
	03/26/01	26.88		28.48	--	16,400 ¹²	412	ND ⁹	2,010	1,010	ND ⁹	--	--
	09/04/01	30.81		24.55	--	8,000 ¹⁵	200	<25	1,100	250	<250	--	--
	03/18/02	27.87		27.49	--	3,900 ¹⁵	96	<10	590	210	<100	--	--
	08/30/02 ²³	30.40		24.96	--	7,900	120	<5.0	1,000	91	<20	--	--
	03/18/03 ²³	28.19		27.17	--	1,800	30	<2.5	270	47	<10	--	--
	09/26/03 ²³	31.15		24.21	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
U-7													
55.05	03/14/95	26.13	25.0-40.0	28.92	--	ND	ND	ND	ND	ND	--	ND	ND
	06/20/95	26.38		28.67	--	ND	ND	ND	ND	ND	--	--	--
	09/18/95	29.21		25.84	--	ND	ND	ND	ND	ND	--	--	--
	12/14/95	30.75		24.30	--	ND	ND	ND	ND	0.88	--	ND	ND
	03/06/96	25.10		29.95	--	ND	ND	ND	ND	ND	ND	--	--
	06/04/96	25.67		29.38	--	ND	ND	ND	ND	ND	ND	--	--
	09/06/96	28.75		26.30	--	ND	ND	ND	ND	ND	ND	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCB (ppb)	1,2-DCA (ppb)
U-7 (cont)	03/08/97	24.33	25.0-40.0	30.72	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/97 ⁸	30.16		24.89	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/09/98	18.91		36.14	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/01/98 ¹⁰	26.04		29.01	--	88	ND	ND	ND	ND	2.9	ND	ND
	03/02/99 ¹¹	25.30		29.75	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/07/99	27.27		27.78	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/09/00 ¹⁴	23.76		31.29	--	ND	ND	ND	ND	1.09	ND	ND	ND
	09/11/00 ¹⁷	27.19		27.86	--	ND	ND	ND	ND	ND	ND	ND	ND
	03/26/01 ¹⁷	25.61		29.44	--	ND	ND	ND	ND	ND	ND	ND	ND
	09/04/01 ²⁰	30.10		24.95	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50
	03/18/02 ²²	27.03		28.02	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50 ¹⁸	<0.50 ¹⁸
	08/30/02 ^{19,23}	29.69		25.36	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50
	03/18/03 ^{23,24}	27.39		27.66	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ¹⁸	<0.50 ¹⁸
	09/26/03 ²³	30.40		24.65	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50 ¹⁸	<0.50 ¹⁸
Trip Blank													
TB-LB	03/09/98	--	--	--	--	ND	ND	0.53	ND	ND	ND	--	--
	09/01/98	--	--	--	--	ND	ND	ND	ND	ND	5.0	--	--
	03/02/99	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/07/99	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	03/09/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/11/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	10/13/00	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	03/26/01	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--
	09/04/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	03/18/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
QA	08/30/02 ²³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	03/18/03 ²³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--
	09/26/03 ²³	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<2.0	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Tosco (Unocal) Service Station #5430
 1935 Washington Avenue
 San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to March 9, 1998, were compiled from reports prepared by MPDS Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	1,2-DCA = 1,2-Dichloroethane
(ft.) = Feet	B = Benzene	(ppb) = Parts per billion
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	(D) = Duplicate
GWE = Groundwater Elevation	MTBE = Methyl tertiary butyl ether	QA = Quality Assurance/Trip Blank
TPH-D = Total Petroleum Hydrocarbons as Diesel	1,2-DCB = 1,2-Dichlorobenzene	

* TOC elevations were surveyed March 1995, based on Benchmark provided by City of San Leandro, City Engineers Office, Datum 1929, USGS adjusted. Prior to December 16, 1993, the DTW measurements were taken from the top of well covers.

- 1 Total Oil and Grease (TOG) was ND.
- 2 Not a typical diesel pattern; lower boiling hydrocarbons in the boiling range of stoddard calculated as diesel.
- 3 Laboratory report indicates the hydrocarbons detected did not appear to be diesel.
- 4 Laboratory report indicates the hydrocarbons detected appeared to be a gasoline and non-gasoline mixture.
- 5 Laboratory report indicates the hydrocarbons detected did not appear to be gasoline.
- 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 Carbon tetrachloride was detected at a concentration of 1.3 ppb.
- 9 Detection limit raised. Refer to analytical reports.
- 10 Carbon tetrachloride was detected at a concentration of 2.0 ppb, and Chloroform was detected at a concentration of 0.60 ppb.
- 11 Carbon tetrachloride was detected at a concentration of 1.2 ppb.
- 12 Laboratory report indicates gasoline C6-C12.
- 13 Bromodichloromethane was detected at 1.4 ppb and Chloroform was detected at 31 ppb. All EPA Method 8010 reanalyzed by an alternate column or method to confirm the identification and/or concentration of these results.
- 14 Laboratory report indicates Carbon tetrachloride was detected at 0.801 ppb.
- 15 Laboratory report indicates weathered gasoline C6-C12.
- 16 All other Volatile Organic Compounds (VOCs) by EPA Method 8010 were ND with a raised detection limit, except for Bromadichloromethane was detected at 3.58 ppb and Chloroform was detected at 75.2 ppb.
- 17 All other VOCs by EPA Method 8010 were ND.
- 18 Analysis by EPA Method 8260.
- 19 All other VOCs by EPA Method 8021 were less than the reporting limit.
- 20 All other VOCs by EPA Method 8021 were less than the reporting limit, except for Carbon tetrachloride was detected at 0.60 ppb.
- 21 All other VOCs by EPA Method 8260 were less than the reporting limit.

Table 1
Groundwater Monitoring Data and Analytical Results
Tosco (Unocal) Service Station #5430
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San Leandro, California

EXPLANATIONS: (cont)

- ²² All other VOCs by EPA Method 8260 were less than the reporting limit, except for Carbon Tetrachloride was detected at 0.65 ppb and Chloroform at 1.5 ppb.
- ²³ TPH-G, BTEX and MTBE by EPA Method 8260.
- ²⁴ All other VOCs by EPA Method 8260 were less than the reporting limit, except for Trichloroethene was detected at 1.1 ppb.

Note: All EPA Method 8010/8021/8260 constituents were ND, except as indicated above.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Tosco (Unocal) Service Station #5430
 1935 Washington 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)
U-1	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	2.8	<2.0
U-2	08/30/02	<500	<100	3.2	<2.0	<2.0	<2.0	<2.0	<2.0
	03/18/03	<500	<100	2.2	<2.0	<2.0	<2.0	<2.0	<2.0
U-3	08/30/02	--	--	<10	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-4	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-5	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
U-6	10/13/00	--	ND	ND	ND	ND	ND	ND	ND
	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<2,500	<500	<10	<10	<10	<10	<10	<10
U-7	08/30/02	--	--	<2.0	--	--	--	--	--
	03/18/03	<500	<100	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Tosco (Unocal) Service Station #5430
1935 Washington Avenue
San Leandro, California

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene Dibromide/1,2-Dibromoethane
(ppb) = Parts per billion
ND = Not Detected
-- = Not Analyzed

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 ConocoPhillips Company, the purge water and decontamination water generated during sampling activities is transported to ConocoPhillips - San Francisco Refinery, located in Rodeo, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 9-26-03 (inclusive)
 City: San Leandro, CA Sampler: D.O.

Well ID: U-1 Date Monitored: 9-26 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 39.60 ft.
 Depth to Water: 32.10 ft.
 Volume Factor (VF): 7.50 xVF .17 = 1.27 x3 (case volume) = Estimated Purge Volume: 4 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 X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 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): 1056 Weather Conditions: clear
 Sample Time/Date: 1111 / 9-26-03 Water Color: cloudy/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 (D/F)	D.O. (mg/L)	ORP (mV)
<u>1059</u>	<u>1.5</u>	<u>8.23</u>	<u>463</u>	<u>18.8</u>		
<u>1102</u>	<u>3</u>	<u>8.16</u>	<u>472</u>	<u>18.7</u>		
<u>1104</u>	<u>4</u>	<u>8.08</u>	<u>479</u>	<u>18.7</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 9-26-03 (inclusive)
 City: San Leandro, CA Sampler: D.O.

Well ID: U-2 Date Monitored: 9-26 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 39.38 ft.
 Depth to Water: 36.73 ft.
8.65 x VF .17 = 1.47 x3 (case volume) = Estimated Purge Volume: 4.5 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 Bailor X
 Stainless Steel Bailor _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailor X
 Pressure Bailor _____
 Discrete Bailor _____
 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): 1132 Weather Conditions: clear
 Sample Time/Date: 1147 / 9-26-03 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>1135</u>	<u>1.5</u>	<u>7.69</u>	<u>339</u>	<u>19.3</u>		
<u>1138</u>	<u>3</u>	<u>7.62</u>	<u>350</u>	<u>19.1</u>		
<u>1144</u>	<u>7.5</u>	<u>7.58</u>	<u>358</u>	<u>19.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
					U-2
	x voa vial	YES	HCL	STL Pleasanton	HVOC'S(8010 list)8021B

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 9.26.03 (inclusive)
 City: San Leandro, CA Sampler: D.D.

Well ID: U-3 Date Monitored: 9.26 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 38.52 ft.
 Depth to Water: 30.62 ft.
 $7.90 \times VF .17 = 1.34 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 4 \text{ gal.}$

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

Sampling Equipment:
 Disposable Bailer X
 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): 1209 Weather Conditions: Clear
 Sample Time/Date: 1226 / 9-26-03 Water Color: clear/cloudy 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>1212</u>	<u>1.5</u>	<u>7.90</u>	<u>461</u>	<u>18.4</u>		
<u>1215</u>	<u>3</u>	<u>7.83</u>	<u>470</u>	<u>18.4</u>		
<u>1218</u>	<u>4</u>	<u>7.78</u>	<u>476</u>	<u>18.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-3</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 9.26.03 (inclusive)
 Sampler: P.O.

Well ID: U-4
 Well Diameter: 2 in.
 Total Depth: 38.86 ft.
 Depth to Water: 30.86 ft.
8.00 xVF .17 = 1.36 x3 (case volume) = Estimated Purge Volume: 4 gal.

Date Monitored: 9.26 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 X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 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): 1249 Weather Conditions: clear
 Sample Time/Date: 1304 / 9.26.03 Water Color: light grey 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>1252</u>	<u>1.5</u>	<u>8.39</u>	<u>426</u>	<u>18.5</u>		
<u>1255</u>	<u>2</u>	<u>8.36</u>	<u>437</u>	<u>18.6</u>		
<u>1257</u>	<u>4</u>	<u>8.31</u>	<u>444</u>	<u>18.5</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-4</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 9-26-03 (inclusive)
 City: San Leandro, CA Sampler: D.O.

Well ID: U-5 Date Monitored: 9-26 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 38.30 ft.
 Depth to Water: 29.60 ft.
8.70 xVF .17 = 1.47 x3 (case volume) = Estimated Purge Volume: 4.5 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: _____ 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): 1329 Weather Conditions: clear
 Sample Time/Date: 1336 9-26-03 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>1322</u>	<u>1.5</u>	<u>7.57</u>	<u>502</u>	<u>18.9</u>		
<u>1335</u>	<u>3</u>	<u>7.52</u>	<u>498</u>	<u>18.9</u>		
<u>1338</u>	<u>4.5</u>	<u>7.48</u>	<u>509</u>	<u>18.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-5</u>	<u>3 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430
 Site Address: 1935 Washington Avenue
 City: San Leandro, CA

Job Number: 180107
 Event Date: 9-26-03 (inclusive)
 Sampler: D.O.

Well ID: U-6 Date Monitored: 9-26 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 39.95 ft.
 Depth to Water: 31.15 ft.
8.80

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 .17 = 1.49 x3 (case volume) = Estimated Purge Volume: 4.5 gal.

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

Sampling Equipment:
 Disposable Bailer X
 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): 1359 Weather Conditions: Clear
 Sample Time/Date: 1416 / 9-26-03 Water Color: light grey Odor: slight
 Purging Flow Rate: — gpm. Sediment Description: _____
 Did well de-water? no If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1402</u>	<u>1.5</u>	<u>7.66</u>	<u>471</u>	<u>18.8</u>		
<u>1405</u>	<u>3</u>	<u>7.60</u>	<u>479</u>	<u>18.6</u>		
<u>1408</u>	<u>4.5</u>	<u>7.55</u>	<u>483</u>	<u>18.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-6</u>	<u>3 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	<u>x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #5430 Job Number: 180107
 Site Address: 1935 Washington Avenue Event Date: 9.26.03 (inclusive)
 City: San Leandro, CA Sampler: D.O.

Well ID: U-7 Date Monitored: 9.26 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 37.80 ft.
 Depth to Water: 30.40 ft.
 $7.40 \times VF .17 = 1.25 \times 3$ (case volume) = Estimated Purge Volume: 3.75 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): 1438 Weather Conditions: Clear
 Sample Time/Date: 1454 / 9.26.03 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>1440</u>	<u>1</u>	<u>8.20</u>	<u>403</u>	<u>19.6</u>		
<u>1442</u>	<u>2</u>	<u>8.13</u>	<u>410</u>	<u>19.5</u>		
<u>1445</u>	<u>3.5</u>	<u>8.05</u>	<u>418</u>	<u>19.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>U-7</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>TPH-G/BTEX/MTBE(8260)</u>
	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>STL Pleasanton</u>	<u>HVOC'S(8010 list)8021B</u>

COMMENTS: _____

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

2003-09-1080

Gettler-Ryan Inc., Chain-of-Custody

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

Facility Number: 15430
Facility Address: 1935 WASHINGTON AVE., SAN LEANDRO, CA
Global ID: T0600101765 Project: 180107.00
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 94588
Phone: (925) 551-7555 Fax: (925) 551-7899
Samples Collected by: David Okamoto

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	OXYGENATES EPA 8260	METHANOL EPA 8015	TOTAL OIL & GREASE EPA 9250	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/AMMONIUM EPA 300 SERIES	SVOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270	Remarks
QA	1	W	HCL	9-26-03					X									
U-1	6			1/11/1					X									
U-2	3			1/14/7					X									
U-3	6			1/22/6					X						X			
U-4	3			1/30/4					X									
U-5	3			1/33/6					X									
U-6	3			1/14/6					X									
U-7	6	↓	↓	1/14/4					X						X			

3.7 °C

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

Relinquished By (Signature): <u>[Signature]</u>	Organization: <u>G.R.</u>	Date/Time: <u>9-26-03/1830</u>	Received By (Signature): <u>[Signature]</u>	Organization: <u>G-R</u>	Date/Time: <u>9/29/03</u>	Iced: <u>(X) N</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 72 Hrs. 5 Days 10 Days <u>As Contracted</u>
Relinquished By (Signature): <u>[Signature]</u>	Organization: <u>G-R</u>	Date/Time: <u>9/30/03</u>	Received By (Signature): <u>[Signature]</u>	Organization: <u>STL</u>	Date/Time: <u>9/30/03</u>	Iced: <u>(X) N</u>	
Relinquished By (Signature): <u>[Signature]</u>	Organization: <u>STL</u>	Date/Time: <u>9/29/03</u>	Received For Laboratory By (Signature): <u>[Signature]</u>		Date/Time: <u>9/29/03 1244</u>	Iced: <u>(X) N</u>	

FILE NAME: F:\DWM\1-CHAINCUST\1543-00.DWG | Layout: 1001 Mod

1244

Gettler Ryan

October 08, 2003

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180107.80

Project: Conoco #5430

Site: 1935 Washington Ave., San Leandro, CA

GETTLER RYAN INC.
GENERAL CONTRACTORS

Dear Ms. Harding,

Attached is our report for your samples received on 09/29/2003 12:44

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 11/13/2003 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: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
QA	09/26/2003	Water	1
U-1	09/26/2003 11:11	Water	2
U-2	09/26/2003 11:47	Water	3
U-3	09/26/2003 12:26	Water	4
U-4	09/26/2003 13:04	Water	5
U-5	09/26/2003 13:36	Water	6
U-6	09/26/2003 14:16	Water	7
U-7	09/26/2003 14:54	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: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	QA	Lab ID:	2003-09-1080-1
Sampled:	09/26/2003	Extracted:	10/4/2003 12:28
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 12:28	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 12:28	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 12:28	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 12:28	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 12:28	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 12:28	
Surrogate(s)						
1,2-Dichloroethane-d4	97.8	76-114	%	1.00	10/04/2003 12:28	
Toluene-d8	105.5	88-110	%	1.00	10/04/2003 12:28	

Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-1	Lab ID:	2003-09-1080 - 2
Sampled:	09/26/2003 11:11	Extracted:	10/4/2003 12:51
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 12:51	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 12:51	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 12:51	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 12:51	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 12:51	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 12:51	
Surrogate(s)						
1,2-Dichloroethane-d4	96.9	76-114	%	1.00	10/04/2003 12:51	
Toluene-d8	101.7	88-110	%	1.00	10/04/2003 12:51	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-2	Lab ID:	2003-09-1080 - 3
Sampled:	09/26/2003 11:47	Extracted:	10/4/2003 13:13
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 13:13	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 13:13	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 13:13	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 13:13	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 13:13	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 13:13	
Surrogate(s)						
1,2-Dichloroethane-d4	97.4	76-114	%	1.00	10/04/2003 13:13	
Toluene-d8	101.4	88-110	%	1.00	10/04/2003 13:13	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-3	Lab ID:	2003-09-1080 - 4
Sampled:	09/26/2003 12:26	Extracted:	10/4/2003 13:35
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 13:35	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 13:35	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 13:35	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 13:35	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 13:35	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 13:35	
Surrogate(s)						
1,2-Dichloroethane-d4	90.6	76-114	%	1.00	10/04/2003 13:35	
Toluene-d8	101.4	88-110	%	1.00	10/04/2003 13:35	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-4	Lab ID:	2003-09-1080 - 5
Sampled:	09/26/2003 13:04	Extracted:	10/4/2003 13:57
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 13:57	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 13:57	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 13:57	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 13:57	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 13:57	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 13:57	
Surrogate(s)						
1,2-Dichloroethane-d4	96.4	76-114	%	1.00	10/04/2003 13:57	
Toluene-d8	99.5	88-110	%	1.00	10/04/2003 13:57	

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s): 5030B

Sample ID: U-5

Sampled: 09/26/2003 13:36

Matrix: Water

Test(s): 8260FAB

Lab ID: 2003-09-1080 - 6

Extracted: 10/4/2003 14:20

QC Batch#: 2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 14:20	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 14:20	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 14:20	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 14:20	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 14:20	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 14:20	
Surrogate(s)						
1,2-Dichloroethane-d4	95.6	76-114	%	1.00	10/04/2003 14:20	
Toluene-d8	103.0	88-110	%	1.00	10/04/2003 14:20	

10/06/2003 13:14

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Gas/BTEX Fuel Oxygenates by 8260B

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Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-6	Lab ID:	2003-09-1080 - 7
Sampled:	09/26/2003 14:16	Extracted:	10/4/2003 14:42
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 14:42	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 14:42	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 14:42	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 14:42	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 14:42	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 14:42	
Surrogate(s)						
1,2-Dichloroethane-d4	93.9	76-114	%	1.00	10/04/2003 14:42	
Toluene-d8	103.5	88-110	%	1.00	10/04/2003 14:42	

Gas/BTEX Fuel Oxygenates by 8260B

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Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	U-7	Lab ID:	2003-09-1080-8
Sampled:	09/26/2003 14:54	Extracted:	10/4/2003 15:04
Matrix:	Water	QC Batch#:	2003/10/04-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	10/04/2003 15:04	
Benzene	ND	0.50	ug/L	1.00	10/04/2003 15:04	
Toluene	ND	0.50	ug/L	1.00	10/04/2003 15:04	
Ethylbenzene	ND	0.50	ug/L	1.00	10/04/2003 15:04	
Total xylenes	ND	1.0	ug/L	1.00	10/04/2003 15:04	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	10/04/2003 15:04	
Surrogate(s)						
1,2-Dichloroethane-d4	96.7	76-114	%	1.00	10/04/2003 15:04	
Toluene-d8	105.7	88-110	%	1.00	10/04/2003 15:04	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/10/04-01.62-009

Water

Test(s): 8260FAB

QC Batch # 2003/10/04-01.62

Date Extracted: 10/04/2003 10:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	10/04/2003 10:09	
Gasoline	ND	50	ug/L	10/04/2003 10:09	
Benzene	ND	0.5	ug/L	10/04/2003 10:09	
Toluene	ND	0.5	ug/L	10/04/2003 10:09	
Ethylbenzene	ND	0.5	ug/L	10/04/2003 10:09	
Total xylenes	ND	1.0	ug/L	10/04/2003 10:09	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	10/04/2003 10:09	
Surrogates(s)					
1,2-Dichloroethane-d4	94.3	76-114	%	10/04/2003 10:09	
Toluene-d8	104.4	88-110	%	10/04/2003 10:09	

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Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike

Water

QC Batch # 2003/10/04-01.62

LCS 2003/10/04-01.62-024

Extracted: 10/04/2003

Analyzed: 10/04/2003 09:24

LCSD 2003/10/04-01.62-047

Extracted: 10/04/2003

Analyzed: 10/04/2003 09:47

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	28.8	29.7	25.0	115.2	118.8	3.1	69-129	20		
Toluene	27.2	27.9	25.0	108.8	111.6	2.5	70-130	20		
Methyl tert-butyl ether (MTBE)	28.6	28.4	25.0	114.4	113.6	0.7	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	454	451	500	90.8	90.2		76-114			
Toluene-d8	507	519	500	101.4	103.8		88-110			

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10/06/2003 13:14

Page 11 of 11

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

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Dublin, CA 94568

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

Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-1	09/26/2003 11:11	Water	2
U-3	09/26/2003 12:26	Water	4
U-7	09/26/2003 14:54	Water	8

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Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

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Dublin, CA 94568

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

Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-1	Lab ID:	2003-09-1080 - 2
Sampled:	09/26/2003 11:11	Extracted:	10/9/2003 13:35
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	10/09/2003 13:35	
Vinyl chloride	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Chloroethane	ND	1.0	ug/L	1.00	10/09/2003 13:35	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	10/09/2003 13:35	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Methylene chloride	ND	5.0	ug/L	1.00	10/09/2003 13:35	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Chloroform	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Trichloroethene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/09/2003 13:35	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Tetrachloroethene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Chlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Bromoform	ND	2.0	ug/L	1.00	10/09/2003 13:35	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 13:35	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/09/2003 13:35	

10/10/2003 10:50

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Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-1	Lab ID:	2003-09-1080 -2
Sampled:	09/26/2003 11:11	Extracted:	10/9/2003 13:35
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	10/09/2003 13:35	
Bromomethane	ND	1.0	ug/L	1.00	10/09/2003 13:35	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	91.9	86-115	%	1.00	10/09/2003 13:35	
1,2-Dichloroethane-d4	103.0	76-114	%	1.00	10/09/2003 13:35	
Toluene-d8	100.9	88-110	%	1.00	10/09/2003 13:35	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-3	Lab ID:	2003-09-1080 - 4
Sampled:	09/26/2003 12:26	Extracted:	10/9/2003 14:09
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	10/09/2003 14:09	
Vinyl chloride	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Chloroethane	ND	1.0	ug/L	1.00	10/09/2003 14:09	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	10/09/2003 14:09	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Methylene chloride	ND	5.0	ug/L	1.00	10/09/2003 14:09	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Chloroform	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Trichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/09/2003 14:09	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Tetrachloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Chlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Bromoform	ND	2.0	ug/L	1.00	10/09/2003 14:09	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:09	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/09/2003 14:09	

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10/10/2003 10:50

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Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

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

Project: 180107.80
Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-3	Lab ID:	2003-09-1080 - 4
Sampled:	09/26/2003 12:26	Extracted:	10/9/2003 14:09
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	10/09/2003 14:09	
Bromomethane	ND	1.0	ug/L	1.00	10/09/2003 14:09	
Surrogate(s)						
4-Bromofluorobenzene	96.6	86-115	%	1.00	10/09/2003 14:09	
1,2-Dichloroethane-d4	106.4	76-114	%	1.00	10/09/2003 14:09	
Toluene-d8	93.9	88-110	%	1.00	10/09/2003 14:09	

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-7	Lab ID:	2003-09-1080 - 8
Sampled:	09/26/2003 14:54	Extracted:	10/9/2003 14:43
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	10/09/2003 14:43	
Vinyl chloride	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Chloroethane	ND	1.0	ug/L	1.00	10/09/2003 14:43	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	10/09/2003 14:43	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Methylene chloride	ND	5.0	ug/L	1.00	10/09/2003 14:43	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Chloroform	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Carbon tetrachloride	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Trichloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Bromodichloromethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	10/09/2003 14:43	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Tetrachloroethene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Dibromochloromethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Chlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Bromoform	ND	2.0	ug/L	1.00	10/09/2003 14:43	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	10/09/2003 14:43	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	10/09/2003 14:43	

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

10/10/2003 10:50

Halogenated Volatile Organic Compounds by 8021B/8260B

Gettler Ryan

Attn.: Deanna Harding

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Dublin, CA 94568

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-7	Lab ID:	2003-09-1080 - 8
Sampled:	09/26/2003 14:54	Extracted:	10/9/2003 14:43
Matrix:	Water	QC Batch#:	2003/10/09-1B.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	10/09/2003 14:43	
Bromomethane	ND	1.0	ug/L	1.00	10/09/2003 14:43	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene	100.2	86-115	%	1.00	10/09/2003 14:43	
1,2-Dichloroethane-d4	107.4	76-114	%	1.00	10/09/2003 14:43	
Toluene-d8	94.1	88-110	%	1.00	10/09/2003 14:43	

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Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/10/09-1B.60-012

Water

Test(s): 8260B

QC Batch # 2003/10/09-1B.60

Date Extracted: 10/09/2003 10:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	10/09/2003 10:12	
Bromoform	ND	2.0	ug/L	10/09/2003 10:12	
Bromomethane	ND	1.0	ug/L	10/09/2003 10:12	
Carbon tetrachloride	ND	0.5	ug/L	10/09/2003 10:12	
Chlorobenzene	ND	0.5	ug/L	10/09/2003 10:12	
Chloroethane	ND	1.0	ug/L	10/09/2003 10:12	
2-Chloroethylvinyl ether	ND	0.5	ug/L	10/09/2003 10:12	
Chloroform	ND	0.5	ug/L	10/09/2003 10:12	
Chloromethane	ND	1.0	ug/L	10/09/2003 10:12	
Dibromochloromethane	ND	0.5	ug/L	10/09/2003 10:12	
1,2-Dichlorobenzene	ND	0.5	ug/L	10/09/2003 10:12	
1,3-Dichlorobenzene	ND	0.5	ug/L	10/09/2003 10:12	
1,4-Dichlorobenzene	ND	0.5	ug/L	10/09/2003 10:12	
Dichlorodifluoromethane	ND	1.0	ug/L	10/09/2003 10:12	
1,1-Dichloroethane	ND	0.5	ug/L	10/09/2003 10:12	
1,2-Dichloroethane	ND	0.5	ug/L	10/09/2003 10:12	
1,1-Dichloroethene	ND	0.5	ug/L	10/09/2003 10:12	
cis-1,2-Dichloroethene	ND	0.5	ug/L	10/09/2003 10:12	
trans-1,2-Dichloroethene	ND	0.5	ug/L	10/09/2003 10:12	
1,2-Dichloropropane	ND	0.5	ug/L	10/09/2003 10:12	
cis-1,3-Dichloropropene	ND	0.5	ug/L	10/09/2003 10:12	
trans-1,3-Dichloropropene	ND	0.5	ug/L	10/09/2003 10:12	
Methylene chloride	ND	5.0	ug/L	10/09/2003 10:12	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	10/09/2003 10:12	
Tetrachloroethene	ND	0.5	ug/L	10/09/2003 10:12	
1,1,1-Trichloroethane	ND	0.5	ug/L	10/09/2003 10:12	
1,1,2-Trichloroethane	ND	0.5	ug/L	10/09/2003 10:12	
Trichloroethene	ND	0.5	ug/L	10/09/2003 10:12	
Trichlorofluoromethane	ND	1.0	ug/L	10/09/2003 10:12	

10/10/2003 10:50

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report					
Prep(s): 5030B				Test(s): 8260B	
Method Blank		Water		QC Batch # 2003/10/09-1B.60	
MB: 2003/10/09-1B.60-012				Date Extracted: 10/09/2003 10:12	

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.5	ug/L	10/09/2003 10:12	
Vinyl chloride	ND	0.5	ug/L	10/09/2003 10:12	
Surrogates(s)					
4-Bromofluorobenzene	93.5	86-115	%	10/09/2003 10:12	
1,2-Dichloroethane-d4	96.6	76-114	%	10/09/2003 10:12	
Toluene-d8	91.5	88-110	%	10/09/2003 10:12	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 180107.80

Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report *

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/10/09-1B.60

LCS 2003/10/09-1B.60-005

Extracted: 10/09/2003

Analyzed: 10/09/2003 09:05

LCSD 2003/10/09-1B.60-038

Extracted: 10/09/2003

Analyzed: 10/09/2003 09:38

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Chlorobenzene	22.2	22.8	20	111.0	114.0	2.7	61-121	20		
1,1-Dichloroethene	23.5	22.7	20	117.5	113.5	3.5	65-125	20		
Trichloroethene	17.7	17.2	20	88.5	86.0	2.9	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	500	480	500	100.0	96.0		86-115			
1,2-Dichloroethane-d4	473	460	500	94.6	92.0		76-114			
Toluene-d8	460	446	500	92.0	89.2		88-110			

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Conoco #5430

Received: 09/29/2003 12:44

Site: 1935 Washington Ave., San Leandro, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2003/10/09-1B.60

U-1 >> MS

Lab ID: 2003-09-1080 - 002

MS: 2003/10/09-1B.60-032

Extracted: 10/09/2003

Analyzed: 10/09/2003 17:32

Dilution: 1.00

MSD: 2003/10/09-1B.60-006

Extracted: 10/09/2003

Analyzed: 10/09/2003 18:06

Dilution: 1.00

Compound	Conc. ug/L		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS
1,1-Dichloroethene	23.5	21.1	ND	20	117.5	105.5	10.8	65-125	20		
Trichloroethene	19.1	18.1	ND	20	95.5	90.5	5.4	74-134	20		
Chlorobenzene	23.7	22.3	ND	20	118.5	111.5	6.1	61-121	20		
Surrogate(s)											
4-Bromofluorobenzene	498	477		500	99.6	95.4		86-115			
1,2-Dichloroethane-d4	473	504		500	94.6	100.8		76-114			
Toluene-d8	497	499		500	99.4	99.8		88-110			