



SECOR
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INCORPORATED

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April 15, 2005

Alameda County

MAY 04 2005

Environmental Health

Mr. Thomas Kosel
ConocoPhillips
76 Broadway
Sacramento, CA 95818

RE: Quarterly Remedial Performance Summary-First Quarter 2005
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, CA
SECOR Project No.: 77CP.60004.01.1871

Dear Mr. Kosel:

This letter, prepared by SECOR International Incorporated (SECOR) on behalf of ConocoPhillips, presents a remedial action performance summary for the ozone injection system operating at the site referenced above. Included in this report are tables and figures summarizing the system operation during the current quarter. Field data sheets and laboratory reports are included as Attachments A and B, respectively. A brief site background and the status of recent remedial activities are presented below.

SITE BACKGROUND

The site is located on MacArthur Boulevard to the southeast of Oakland Avenue in Oakland, California. The site is currently an operating service station. In April 2002 an ozone injection system was installed at the site. SECOR took over operation of the remedial system in September 2003.

REMEDIAL PERFORMANCE SUMMARY

The ozone injection system consists of a panel mounted KVA C-Sparge™ System that produces up to 4 grams per hour (0.009 pounds per hour) of ozone. The system injects to ten sparge wells: SP-A, SP-BS/BD, SP-C, SP-DS/DD, SP-E, SP-F, SP-G, and SP-H. During the current quarter the system operated for 0.40 hours. The system was restarted on January 13 after the hose from the compressor to the manifold was repaired; however it was found to be non-operational on February 25 due a bad GFI. The GFI was replaced on March 8; however the system was again left down due to a broken fan on the compressor and ruptured hose. Both will be repaired in the second quarter 2005.

Monthly groundwater samples were collected from monitoring wells MW-1 and MW-7 on January 13 and February 25, 2005. On March 8, 2005 well MW-1 was sampled but MW-7 was inaccessible as a car was parked on it. All samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tert-butyl ether (MtBE). Results of monthly groundwater sampling events are summarized in Table 2. Concentration versus time graphs for dissolved TPHg,

Quarterly Remedial Performance Summary
April 15, 2005
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benzene, and MtBE in monitoring wells MW-1 and MW-7 are provided in Figures 2 and 3. Field data sheets are provided in Attachment A. Certified laboratory analytical reports and chain-of-custody documentation are provided in Attachment B.

If you have any questions, please contact us at (916) 861-0400.

Sincerely,
SECOR International Incorporated



Amy Draffan
Project Engineer



Mike L. Stephens, CEG, C.HG, REA II
Senior Geologist



Attachments: Figure 1 – Site Plan
Figure 2 – MW-1 TPHg, Benzene, and MtBE Groundwater Concentrations
Figure 3 – MW-7 TPHg, Benzene, and MtBE Groundwater Concentrations

Table 1 – System Operation Data
Table 2 – Groundwater Analytical Data

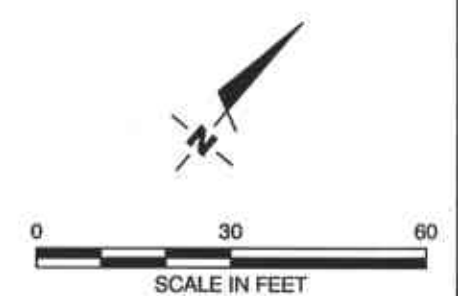
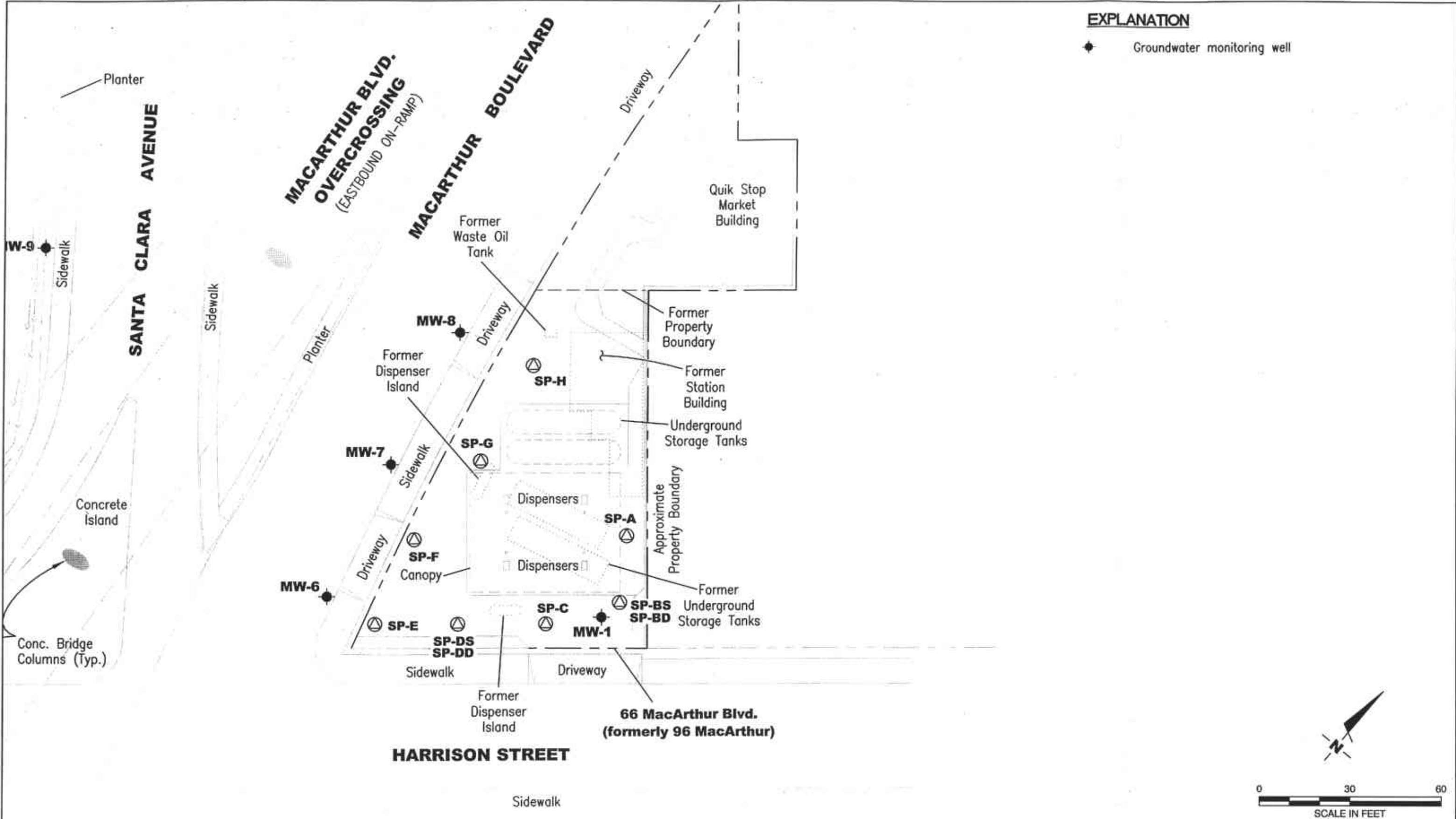
Attachment A – Field Data Sheets
Attachment B – Certified Laboratory Analytical Reports and Chain of
Custody Documentation

cc: Mr. Dan Truzzolino, DXT Services

MS/ad

EXPLANATION

◆ Groundwater monitoring well



Source: Caltrans As-Built Plans and Right of Way Maps confirmed by field observations

DRAWN BY: MD
 CHECKED: AD
 APPROVED: RB
 DATE: 3/22/04 PR
 JOB NO.: 77CP.60004.01
 CAD FILE: SITEPLAN

PREPARED BY:

SECOR
 3017 KILGORE ROAD, SUITE 100
 RANCHO CORDOVA, CA 95670

PREPARED FOR:
CONOCOPHILLIPS
76 STATION #1871
 96 MACARTHUR BOULEVARD
 OAKLAND, CALIFORNIA

FIGURE 1
 SITE PLAN

Figure 2
MW-1 TPHg, Benzene, and MtBE Groundwater Concentrations
76 Service Station No. 1871
96 MacArthur Blvd., Oakland, California

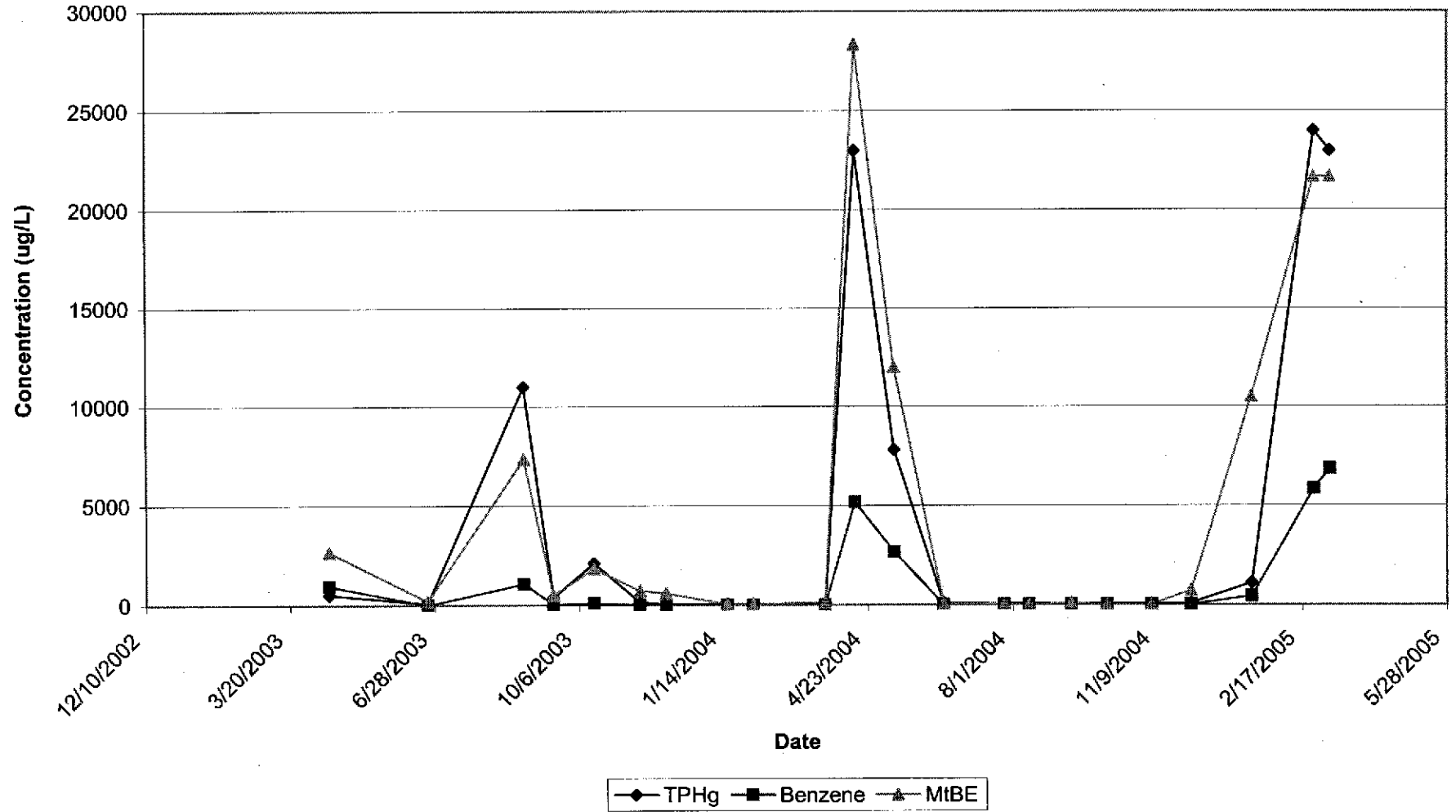


Figure 3
MW-7 TPHg, Benzene, and MtBE Groundwater Concentrations
 76 Service Station No. 1871
 96 MacArthur Blvd., Oakland, California

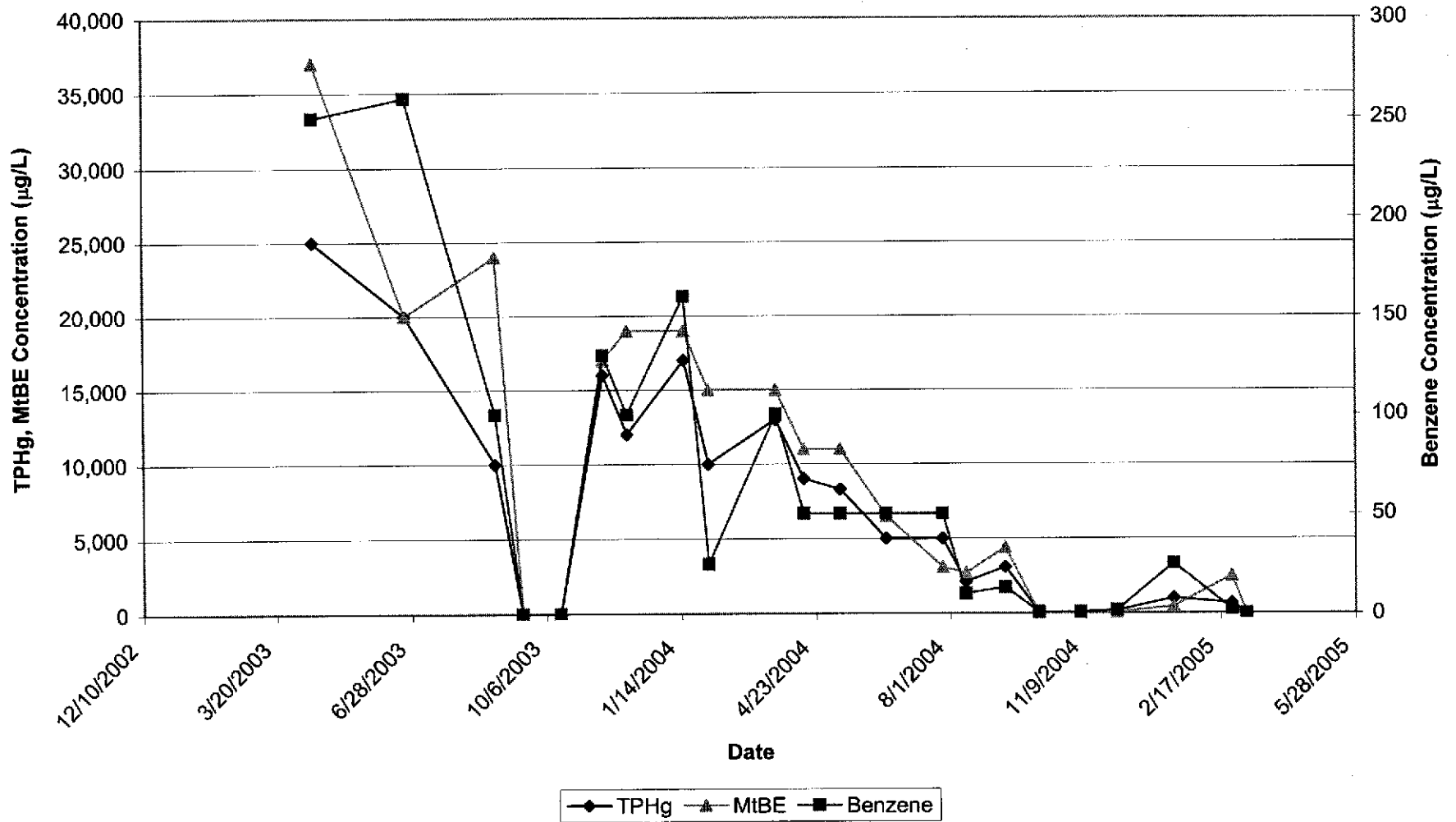


Table 1
Ozone Injection - System Operation Data
 76 Service Station No. 1871
 96 MacArthur Blvd., Oakland, California

Date	Notes	OZONE SPARGE SYSTEM						0Z-1	0Z-2	0Z-3	0Z-4	0Z-5	0Z-6	0Z-7	0Z-8	0Z-9	0Z-10	
		System Status (On/Off)		Hourmeter Reading	Period Online Factor	Cumulative Online Factor	Ozone Injected (lbs)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)	Pressure (psi)
		Arrival	Departure															
6/23/03		On	On	8807.26	--	0.95	--	20	18	19	20	21	23	20	26	14	26	
7/16/03		Off	On	8850.46	0.09	0.91	0.39	27	18	31	40	28	29	31	38	24	25	
8/30/03		On	On	9180.61	0.35	0.86	2.97	17	15	17	19	19	19	20	26	19	26	
9/18/03		On	On	9327.43	0.37	0.84	1.32	13.5	14.7	17.0	16.3	16.0	19.7	16.8	19.8	15.7	20	
10/16/03		On	On	--	--	0.84	--	27.0	19.5	40.8	39.0	40.8	38.5	34.2	46.4	24.2	39.8	
11/17/03		On	On	9696.55	0.29	0.81	--	11.0	20.0	17.0	18.0	17.5	17.0	18.0	21.0	51.0	22.0	
12/5/03		On	On	9804.98	0.29	0.80	0.98	33.0	21.0	44.0	40.0	43.0	39.0	33.5	44.0	26.0	33.0	
1/16/04		On	On	10471.28	0.76	0.79	6.00	12.5	11.0	18.5	16.5	17.5	17.0	16.0	20.0	16.0	20.0	
2/3/04		On	On	10727.69	0.68	0.79	2.31	12.3	11.5	18.2	16.5	18.2	17.3	16.0	19.0	16.0	18.2	
3/24/04		On	On	11424.95	0.66	0.78	6.28	31.0	18.3	37.5	26.0	34.0	33.2	32.3	41.5	23.0	31.0	
4/14/04		On	On	11676.10	0.57	0.77	2.26	32.0	19.0	38.7	26.0	37.7	37.1	32.8	41.8	23.8	29.5	
4/15/04	a	On	On	11685.29	0.44	0.77	0.08	--	--	--	--	--	--	--	--	--	--	
4/16/04	a	On	On	11693.80	0.41	0.77	0.08	--	--	--	--	--	--	--	--	--	--	
4/19/04	a	On	On	11742.90	0.78	0.77	0.44	--	--	--	--	--	--	--	--	--	--	
4/23/04	a	On	On	11773.10	0.36	0.77	0.27	--	--	--	--	--	--	--	--	--	--	
5/4/04		Off	On	11837.70	0.28	0.76	0.58	32.2	20.5	39.4	36.2	38.1	32.0	33.5	60.0	25.8	33.1	
5/11/04		On	On	11950.51	0.77	0.76	1.02	32.5	20.0	38.5	29.8	38.8	39.5	34.8	60.0	23.5	35.9	
6/14/04	b,c	On	On	12464.64	0.72	0.76	4.63	20.0	21.0	38.8	27.2	37.0	38.2	35.2	60.0	24.0	32.1	
7/29/04	d	On	On	844.62	0.99	0.77	7.60	22	15	--	26	35	34	35	--	25	33	
8/12/04	e	On	On	1075.97	0.98	0.78	2.08	--	--	--	--	--	--	--	--	--	--	
9/10/04		On	On	1490.23	0.85	0.78	3.73	32	32	33	33	21	24	30	20	26	30	
10/5/04		On	On	1868.83	0.90	0.78	3.41	31	32	33	31	22	23	31	21	26	28	
11/5/04		On	On	2360.90	0.93	0.79	4.43	22	26	12	18	12	22	30	32	26	22	
12/2/04	f	Off	Off	2802.02	0.97	0.79	3.97	--	--	--	--	--	--	--	--	--	--	
1/13/05		Off	On	2802.07	0.00	0.76	0.00	23	27	15	20	15	23	31	34	28	25	
2/25/05	g	Off	Off	2802.42	0.00	0.73	0.00	--	--	--	--	--	--	--	--	--	--	
3/8/05	h,i	Off	Off	2802.42	0.00	0.72	0.00	--	--	--	--	--	--	--	--	--	--	
Sparge time per cycle (min)								7	7	7	7	7	7	7	7	7	7	
Reporting Period: First Quarter 2005 (12/02/04 to 03/08/05)																		
Total Hours Operational: 15,267																		
Total Pounds Ozone Injected: 137																		
Period Hours Operational: 0.40																		
Period Percent Operational: 00%																		
Period Pounds Ozone Injected: 0.00																		
Definitions:																		
psi Pounds per square inch																		
-- Data not available																		
NA Not applicable																		
lbs Pounds																		
Notes:																		
System cycles through program 18 times per day, for 87.5% utilization																		
a Troubleshooting time counter																		
b Hourmeter replaced																		
c Solenoid 8 has high pressure, taken offline																		
d Solenoid 3 leaking, taken off line																		
e Pressures not properly recorded																		
f Ozone generator hose ruptured on effluent side to solenoid manifold. No Readings.																		
g System down due to bad GFI																		
h New GFI was installed.																		
i Fan in compressor broken and tubing from compressor to manifold needs to be replaced. System left off until repairs made.																		

Table 2
Ozone Injection - Groundwater Monitoring Data
 76 Service Station No. 1871
 96 MacArthur Blvd., Oakland, California

Date	Notes	Monitoring Well: MW-1								Monitoring Well: MW-7							
		ORP (mV)	DO (mg/l)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (total) (µg/L)	MtBE (µg/L)	ORP (mV)	DO (mg/l)	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (total) (µg/L)	MtBE (µg/L)
4/16/2003	a	NM	NM	510	57	0.62	29	61	160	NM	NM	<25,000	<250	<250	<250	<500	37,000
6/23/2003	a	NM	NM	75	<0.50	<0.50	<0.50	5.3	12	NM	NM	20,000	260	<0.50	<0.50	<1.0	20,000
8/29/2003	a	NM	NM	11,000	64	<10	330	1,400	440	NM	NM	<10,000	<100	<100	<100	<200	24,000
9/18/2003		NM	NM	390	2.3	<0.50	3.6	31	30	NM	NM	--	--	--	--	--	--
10/16/2003		NM	NM	2,100	6.0	<0.50	24.0	120	110	NM	NM	--	--	--	--	--	--
11/17/2003		NM	NM	130	0.51	<0.50	2.1	7.9	43	NM	NM	16,000	<130	<130	<130	<250	17,000
12/5/2003		NM	NM	<50	<0.50	<0.50	<0.50	<1.0	36	NM	NM	12,000	<100	<100	<100	<200	19,000
1/16/2004	b	NM	NM	<50	<0.50	<0.50	<0.50	<1.0	<2.0	NM	NM	17,000	160	270	<130	<250	19,000
2/3/2004		238	NM	<50	<0.50	<0.50	<0.50	<1.0	<2.0	72	NM	10,000	<25	<25	<25	<50	15,000
3/24/2004	b	169	NM	55	<0.50	<0.50	0.80	2.9	7.8	56	NM	13,000	<100	<100	<100	<200	15,000
4/14/2004	b	0.4	NM	23,000	310	10	590	2400	1700	42	NM	9,000	<50	<50	<50	<100	11,000
5/11/2004	c	NM	7,800	160	<10	170	700	720	35	1.45	8,300	<50	<50	<50	<100	11,000	
6/14/2004		20	5.25	110	<0.50	<0.50	1.0	6.4	3.4	35	1.45	<5,000	<50	<50	<50	<100	6,500
7/26/2004		NM	NM	<50	<0.50	<0.50	<0.50	<1.0	3.2	NM	NM	<5,000	<50	<50	<50	<100	3,100
8/12/2004		171	0.07	<50	<0.50	<0.50	<0.50	<1.0	0.80	117	0.06	2,100	<10	<10	<10	<20	2,700
9/10/2004		180	0.08	<50	<0.50	<0.50	<0.50	<1.0	5.7	122	0.07	3,100	<13	<13	<13	<25	4,400
10/5/2004		175	0.09	<50	<0.50	<0.50	<0.50	<1.0	<0.50	117	0.08	<50	<0.50	<0.50	<0.50	<1.0	7.1
11/5/2004	d	117	0.05	<50	<0.50	<0.50	<0.50	<1.0	0.89	210	0.06	50	<0.50	<0.50	<0.50	<1.0	1.1
12/2/2004		109	0.03	83	0.83	<0.50	<0.50	1.2	44	214	0.03	180	1.6	<0.50	66	4.5	51
1/13/2005		105	0.04	1,100	26	1.2	2.10	70	630	201	0.05	1000	25	1	1.9	68	460
2/25/2005	c,f	--	2.67	24,000	350	10	820	2,200	1,300	21	2.05	680	<2.0	<2.0	2.3	58	2500
3/8/2005	g	-35	4.43	23,000	410	<10	1,100	2,300	1,300	NR	NR	--	--	--	--	--	--

Definitions:

TPHg = Total petroleum hydrocarbons as gasoline
 MtBE = Methyl tert-butyl ether
 µg/L = Micrograms per liter

ORP = Oxidation Reduction Potential
 DO = Dissolved Oxygen
 mV = Millivolts
 mg/l = Milligrams per liter

Notes:

- Data not available
- NM Not Measured
- a Sampled by Gettler-Ryan, Inc.
- b Hydrocarbon in gasoline range does not match laboratory gasoline standard.
- c ORP reading under the range
- d Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- e Data not available at time of reporting
- f Estimated value of MtBE. The concentration exceeded the calibration of analysis. -
- g Car parked on MW-7.

**ATTACHMENT A
FIELD DATA SHEETS**

Quarterly Remedial Performance Summary
76 Service Station No. 1871
96 MacArthur Boulevard
Oakland, CA
SECOR Project No.: 77CP.60004.01.1871

Initials	Date	Time In	System Status on Arrival On/Off	Electrical Meter Reading	Ozone Meter		Hourmeter	Ozone Readings			
					Brand	Range		Outside Compound (ppm)	Inside Compound (ppm)	Inside Shed/Panel (ppm)	Secondary Containment (ppm)
ST	12/2/04	2:15	OFF	—		0-10	2802.02	.02	.02	.02	.02
ST	1/13/05	12:15	OFF/ON	—		0-10	2802.07	.02	.02	.02	.02

Initials	Date	Well Data																			
		OZ-1		OZ-2		OZ-3		OZ-4		OZ-5		OZ-6		OZ-7		OZ-8		OZ-9		OZ-10	
		Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃
ST	11/5/04	22	.04	26	.04	12	.04	18	.04	12	.04	22	.04	30	.04	30	.05	26	.04	22	.04
ST	12/2/04	Ozone hose ruptured										NO readings									
ST	1/12/05	23	.04	27	.04	15	.04	22	.04	15	.04	23	.04	31	.04	34	.05	28	.04	25	.04

Units: psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm

Initials	Date	Weather Conditions (estimated)		Temp in Ozone Panel	Monthly Sampling				Time Out	System Status on Departure On/Off	Ozone Badge Color (White/Tan/Brown)
		Wind Dir.	Wind Speed		MW-1		MW-7				
					ORP (mV)	DO (ug/l)	ORP (mV)	DO (ug/l)			
ST	11/5/04	Calm	Calm	64°	117	.05	210	.06	310	ON	White
ST	12/2/04	North	Strong	60°	109	.03	214	.05	340	OFF	White
ST	1/13/05	Calm	Calm	53°	105	.04	201	.05	215	ON	White



Frequency	Item to Inspect or Maintain	Date Performed			
Monthly	Check integrity of all hoses, fittings, piping, and valves	11/5/04	12/2/04	1/13/05	
Monthly	Measure Blower Running Amperage	11/5/04	-	-	
Monthly	Inspect electrical fittings and tighten as needed	11/5/04	-	1/13/05	
Monthly	Check controller operation	11/5/04	12/2/04	1/13/05	
As-Needed	Adjust controller program			1/13/05	
Monthly	Gross particle filter-visually inspect	11/5/04	12/2/04	1/13/05	
As-Needed	Gross particle filter-replace as necessary				
Monthly	Check flow and pressure on assemblies (system and wells)	11/5/04	-	1/13/05	
Monthly	Take ozone readings at compound and well boxes	11/5/04	-	1/13/05	
Monthly	Check wellhead connections	11/5/04	-	1/13/05	
Monthly	Check/test all safety override systems	11/5/04	-	1/13/05	
As-Needed	Sparge blower-repair as necessary			1/13/05	
As-Needed	Sparge blower-replace as necessary				

NOTES AND DESCRIPTION OF ACTIVITIES ON SITE

Normal operation

12/2/04 Ozone Compressor hose ruptured on EMI side to solenoid manifold. Motor starter would not stay engaged when reset pushed. Possible Ozone compressor problem?

1/13/05 Changed out O2-3 Solenoid O2 is on line now replaced Ozone generator hose, Sampled MEL-1:7 System operating normally

Initials	Date	Time In	System Status on Arrival On/Off	Electrical Meter Reading	Ozone Meter		Hourmeter	Ozone Readings			
					Brand	Range		Outside Compound (ppm)	Inside Compound (ppm)	Inside Shed/Panel (ppm)	Secondary Containment (ppm)
					AD	2/25		2:00	OFF		

Initials	Date	Well Data																				
		OZ-1		OZ-2		OZ-3		OZ-4		OZ-5		OZ-6		OZ-7		OZ-8		OZ-9		OZ-10		
		Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	
AD	2/25																					

Units: psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm psi ppm

Initials	Date	Weather Conditions (estimated)		Temp in Ozone Panel	Monthly Sampling				Time Out	System Status on Departure On/Off	Ozone Badge Color (White/Tan/Brown)
		Wind Dir.	Wind Speed		MW-1		MW-7				
					ORP (mV)	DO (ug/l)	ORP (mV)	DO (ug/l)			
AD	2/25				UR	2.68	21	2.05	245	OFF	

Frequency	Item to Inspect or Maintain	Date Performed					
Monthly	Check integrity of all hoses, fittings, piping, and valves						
Monthly	Measure Blower Running Amperage						
Monthly	Inspect electrical fittings and tighten as needed						
Monthly	Check controller operation						
As-Needed	Adjust controller program						
Monthly	Gross particle filter-visually inspect						
As-Needed	Gross particle filter-replace as necessary						
Monthly	Check flow and pressure on assemblies (system and wells)						
Monthly	Take ozone readings at compound and well boxes						
Monthly	Check wellhead connections						
Monthly	Check/test all safety override systems						
As-Needed	Sparge blower-repair as necessary						
As-Needed	Sparge blower-replace as necessary						

NOTES AND DESCRIPTION OF ACTIVITIES ON SITE

2/25/05 system down due to bad GFCI, needs to be replaced =

Field Data Sheet
Ozone Sparge System

ConocoPhillips Site # 1871
96 MacArthur Blvd
Oakland, California

Requested By: Amy Draffan
Lab: STL

Initials	Date	Time In	System Status on Arrival On/Off	Electrical Meter Reading	Ozone Meter		Hourmeter	Ozone Readings			
					Brand	Range		Outside Compound (ppm)	Inside Compound (ppm)	Inside Shed/Panel (ppm)	Secondary Containment (ppm)
P	030805	12:30	off	No	Readings	compressor	needs	fan	repair		

Initials	Date	Well Data																			
		OZ-1		OZ-2		OZ-3		OZ-4		OZ-5		OZ-6		OZ-7		OZ-8		OZ-9		OZ-10	
		Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃	Press	O ₃
P	030805			No		Readings		Compressor		needs		repair									
Units:		psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm	psi	ppm

Initials	Date	Weather Conditions (estimated)		Temp in Ozone Panel	Monthly Sampling				Time Out	System Status on Departure On/Off	Ozone Badge Color (White/Tan/Brown)
		Wind Dir.	Wind Speed		MW-1		MW-7				
					ORP (mV)	DO (ug/l)	ORP (mV)	DO (ug/l)			
P	030805	S	0-5		-35	4.43	NR	NR	14:00	off	



Frequency	Item to Inspect or Maintain	Date Performed					
Monthly	Check integrity of all hoses, fittings, piping, and valves						
Monthly	Measure Blower Running Amperage						
Monthly	Inspect electrical fittings and tighten as needed						
Monthly	Check controller operation						
As-Needed	Adjust controller program						
Monthly	Gross particle filter-visually inspect						
As-Needed	Gross particle filter-replace as necessary						
Monthly	Check flow and pressure on assemblies (system and wells)						
Monthly	Take ozone readings at compound and well boxes						
Monthly	Check wellhead connections						
Monthly	Check/test all safety override systems						
As-Needed	Sparge blower-repair as necessary						
As-Needed	Sparge blower-replace as necessary						

NOTES AND DESCRIPTION OF ACTIVITIES ON SITE

03-08-05; I installed new GFI, but fan in compressor was broken in pieces. Also tubing from compressor to solenoid manifold needs to be replaced. System left down until repairs can be completed.

ATTACHMENT B
CERTIFIED LABORATORY ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION

Quarterly Remedial Performance Summary

76 Service Station No. 1871

96 MacArthur Boulevard

Oakland, CA

SECOR Project No.: 77CP.60004.01.1871

SECOR-Sacramento

January 28, 2005

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Attn.: Amy Draffan
Project: Conoco Philips Site # 1871
Site: 96 MacArthur Blvd. Oakland, CA

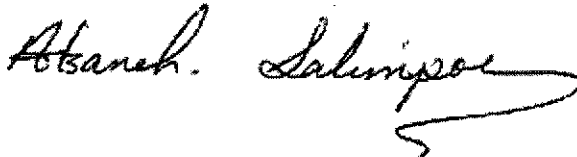
Attached is our report for your samples received on 01/14/2005 17:10
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
02/28/2005 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: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	01/13/2005 12:30	Water	1
MW-7	01/13/2005 12:40	Water	2

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01/26/2005 09:28

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2005-01-0426 - 1
Sampled:	01/13/2005 12:30	Extracted:	1/21/2005 20:58 1/22/2005 15:42
Matrix:	Water	QC Batch#:	2005/01/21-2B.64 2005/01/22-1C.69
Analysis Flag: L2 (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	1100	50	ug/L	1.00	01/21/2005 20:58	
Benzene	26	0.50	ug/L	1.00	01/21/2005 20:58	
Toluene	1.2	0.50	ug/L	1.00	01/21/2005 20:58	
Ethylbenzene	2.1	0.50	ug/L	1.00	01/21/2005 20:58	
Total xylenes	70	1.0	ug/L	1.00	01/21/2005 20:58	
Methyl tert-butyl ether (MTBE)	630	2.5	ug/L	5.00	01/22/2005 15:42	
Surrogate(s)						
1,2-Dichloroethane-d4	111.8	73-130	%	1.00	01/21/2005 20:58	
1,2-Dichloroethane-d4	112.9	73-130	%	1.00	01/22/2005 15:42	
Toluene-d8	100.3	81-114	%	1.00	01/21/2005 20:58	
Toluene-d8	103.7	81-114	%	1.00	01/22/2005 15:42	

Gas/BTEX/MTBE by 8260B

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-7	Lab ID:	2005-01-0426 - 2
Sampled:	01/13/2005 12:40	Extracted:	1/21/2005 21:20 1/22/2005 15:24
Matrix:	Water	QC Batch#:	2005/01/21-2B.64 2005/01/22-1C.69

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	1000	50	ug/L	1.00	01/21/2005 21:20	
Benzene	25	0.50	ug/L	1.00	01/21/2005 21:20	
Toluene	1.0	0.50	ug/L	1.00	01/21/2005 21:20	
Ethylbenzene	1.9	0.50	ug/L	1.00	01/21/2005 21:20	
Total xylenes	68	1.0	ug/L	1.00	01/21/2005 21:20	
Methyl tert-butyl ether (MTBE)	460	2.5	ug/L	5.00	01/22/2005 15:24	
Surrogate(s)						
1,2-Dichloroethane-d4	108.9	73-130	%	1.00	01/21/2005 21:20	
1,2-Dichloroethane-d4	110.0	73-130	%	1.00	01/22/2005 15:24	
Toluene-d8	94.7	81-114	%	1.00	01/21/2005 21:20	
Toluene-d8	98.3	81-114	%	1.00	01/22/2005 15:24	

Gas/BTEX/MTBE by 8260B

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Project: Conoco Phillips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/01/21-2B.64-041

Water

Test(s): 8260B

QC Batch # 2005/01/21-2B.64

Date Extracted: 01/21/2005 18:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/21/2005 18:41	
Benzene	ND	0.5	ug/L	01/21/2005 18:41	
Toluene	ND	0.5	ug/L	01/21/2005 18:41	
Ethylbenzene	ND	0.5	ug/L	01/21/2005 18:41	
Total xylenes	ND	1.0	ug/L	01/21/2005 18:41	
Surrogates(s)					
1,2-Dichloroethane-d4	102.4	73-130	%	01/21/2005 18:41	
Toluene-d8	99.0	81-114	%	01/21/2005 18:41	
GRO (C6-C12)	ND	50	ug/L	01/21/2005 18:41	

Gas/BTEX/MTBE by 8260B

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/01/22-1C.69-052

Water

Test(s): 8260B

QC Batch # 2005/01/22-1C.69

Date Extracted: 01/22/2005 08:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzene	ND	0.5	ug/L	01/22/2005 08:52	
Toluene	ND	0.5	ug/L	01/22/2005 08:52	
Ethylbenzene	ND	0.5	ug/L	01/22/2005 08:52	
Total xylenes	ND	1.0	ug/L	01/22/2005 08:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/22/2005 08:52	
Surrogates(s)					
1,2-Dichloroethane-d4	94.2	73-130	%	01/22/2005 08:52	
Toluene-d8	108.2	81-114	%	01/22/2005 08:52	

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Gas/BTEX/MTBE by 8260B

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/01/21-2B.64

LCS 2005/01/21-2B.64-019

Extracted: 01/21/2005

Analyzed: 01/21/2005 18:19

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.4		25	101.6			65-165	20			
Benzene	28.2		25	112.8			69-129	20			
Toluene	29.8		25	119.2			70-130	20			
Surrogates(s)											
1,2-Dichloroethane-d4	477		500	95.4			73-130				
Toluene-d8	539		500	107.8			81-114				

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Gas/BTEX/MTBE by 8260B

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/01/22-1C.69

LCS 2005/01/22-1C.69-034

Extracted: 01/22/2005

Analyzed: 01/22/2005 08:34

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.7		25	94.8			65-165	20		
Benzene	22.4		25	89.6			69-129	20		
Toluene	23.1		25	92.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	462		500	92.4			73-130			
Toluene-d8	504		500	100.8			81-114			

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/01/21-2B.64

MS/MSD

Lab ID: 2005-01-0477 - 001

MS: 2005/01/21-2B.64-014

Extracted: 01/21/2005

Analyzed: 01/21/2005 20:14

Dilution: 1.00

MSD: 2005/01/21-2B.64-036

Extracted: 01/21/2005

Analyzed: 01/21/2005 20:36

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	32.6	37.4	1.54	25	124.2	143.4	14.3	65-165	20		
Benzene	28.6	24.3	ND	25	114.4	97.2	16.3	69-129	20		
Toluene	29.0	28.0	ND	25	116.0	112.0	3.5	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	506	557		500	101.2	111.4		73-130			
Toluene-d8	503	533		500	100.6	106.6		81-114			

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Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/01/22-1C.69

MS/MSD

Lab ID: 2005-01-0442 - 004

MS: 2005/01/22-1C.69-013

Extracted: 01/22/2005

Analyzed: 01/22/2005 13:13

Dilution: 1.00

MSD: 2005/01/22-1C.69-032

Extracted: 01/22/2005

Analyzed: 01/22/2005 13:32

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	49.8	47.5	22	25	111.2	102.0	8.6	65-165	20		
Benzene	25.2	27.2	ND	25	100.8	108.8	7.6	69-129	20		
Toluene	27.6	26.3	ND	25	110.4	105.2	4.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	517	485		500	103.4	97.0		73-130			
Toluene-d8	528	493		500	105.6	98.6		81-114			

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Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100

Rancho Cordova, CA 95670

Phone: (916) 861-0400 Fax: (916) 861-0430

Project: Conoco Philips Site # 1871

Received: 01/14/2005 17:10

Site: 96 MacArthur Blvd. Oakland, CA

Legend and Notes

Analysis Flag

L2

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

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SECOR-Sacramento

March 21, 2005

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Attn.: Amy Draffan

Project#: 77CP.60004.01.1841

Project: Conoco Philips Site #1871

Site: 96 MacArthur Blvd., Oakland, CA

Attached is our report for your samples received on 03/01/2005 16:30

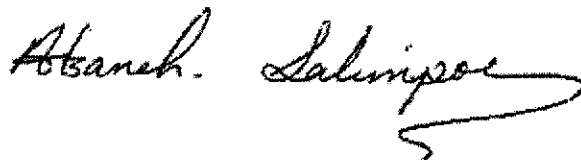
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Please note that any unused portion of the samples will be discarded after 04/15/2005 unless you have requested otherwise.

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: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.

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Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	02/25/2005 02:15	Water	1
MW-7	02/25/2005 02:05	Water	2

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04/15/2005 15:49

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/03/11-2B.68-046

Water

Test(s): 8260B

QC Batch # 2005/03/11-2B.68

Date Extracted: 03/11/2005 18:46

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	03/11/2005 18:46	
Benzene	ND	0.5	ug/L	03/11/2005 18:46	
Toluene	ND	0.5	ug/L	03/11/2005 18:46	
Ethylbenzene	ND	0.5	ug/L	03/11/2005 18:46	
Total xylenes	ND	1.0	ug/L	03/11/2005 18:46	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/11/2005 18:46	
Surrogates(s)					
1,2-Dichloroethane-d4	92.2	73-130	%	03/11/2005 18:46	
Toluene-d8	97.6	81-114	%	03/11/2005 18:46	

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04/15/2005 15:49

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/03/14-1B.68-033

Water

Test(s): 8260B

QC Batch # 2005/03/14-1B.68

Date Extracted: 03/14/2005 07:33

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	03/14/2005 07:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/14/2005 07:33	
Benzene	ND	0.5	ug/L	03/14/2005 07:33	
Toluene	ND	0.5	ug/L	03/14/2005 07:33	
Ethylbenzene	ND	0.5	ug/L	03/14/2005 07:33	
Total xylenes	ND	1.0	ug/L	03/14/2005 07:33	
Surrogates(s)					
1,2-Dichloroethane-d4	92.4	73-130	%	03/14/2005 07:33	
Toluene-d8	98.2	81-114	%	03/14/2005 07:33	

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Gas/BTEX/MTBE by 8260B

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 Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
 Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/03/11-2B.68

LCS 2005/03/11-2B.68-028

Extracted: 03/11/2005

Analyzed: 03/11/2005 18:28

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	18.1		25	72.4			65-165	20		
Benzene	25.6		25	102.4			69-129	20		
Toluene	26.6		25	106.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	367		500	73.4			73-130			
Toluene-d8	478		500	95.6			81-114			

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Gas/BTEX/MTBE by 8260B

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Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/03/14-1B.68

LCS: 2005/03/14-1B.68-009

Extracted: 03/14/2005

Analyzed: 03/14/2005 08:09

LCSD:

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.3		25	93.2			65-165	20		
Benzene	24.8		25	99.2			69-129	20		
Toluene	24.9		25	99.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	397		500	79.4			73-130			
Toluene-d8	490		500	98.0			81-114			

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Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/03/11-2B.68

MS/MSD

Lab ID: 2005-03-0038 - 001

MS: 2005/03/11-2B.68-045

Extracted: 03/11/2005

Analyzed: 03/11/2005 20:45

Dilution: 20.00

MSD: 2005/03/11-2B.68-002

Extracted: 03/11/2005

Analyzed: 03/11/2005 21:02

Dilution: 20.00

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	805	1050	373	500	86.4	135.4	44.2	65-165	20		R1
Benzene	677	875	276	500	80.2	119.8	39.6	69-129	20		R1
Toluene	2390	2930	2110	500	56.0	164.0	98.2	70-130	20	M3	R1,M3
Surrogate(s)											
1,2-Dichloroethane-d4	365	374		500	73.0	74.8		73-130			
Toluene-d8	498	508		500	99.6	101.6		81-114			

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

04/15/2005 15:49

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/03/14-1B.68

MS/MSD

Lab ID: 2005-03-0102 - 002

MS: 2005/03/14-1B.68-044

Extracted: 03/14/2005

Analyzed: 03/14/2005 09:44

Dilution: 1.00

MSD: 2005/03/14-1B.68-001

Extracted: 03/14/2005

Analyzed: 03/14/2005 10:01

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	20.9	21.9	ND	25	83.6	87.6	4.7	65-165	20		
Benzene	23.2	23.8	ND	25	92.8	95.2	2.6	69-129	20		
Toluene	24.4	25.0	ND	25	97.6	100.0	2.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	384	390		500	76.8	78.0		73-130			
Toluene-d8	492	486		500	98.4	97.2		81-114			

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

04/15/2005 15:49

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/01/2005 16:30

Site: 96 MacArthur Blvd., Oakland, CA

Legend and Notes

Analysis Flag

L2

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

Result Flag

J3

Estimated value. The concentration exceeded the calibration of analysis.

M3

Sample > 4x spike concentration.

R1

Analyte RPD was out of QC limits.

ConocoPhillips Chain Of Custody Record

102305

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number

2505SEC550

ConocoPhillips Cost Object

WNO,2505

DATE: 2-25-05

PAGE: 1 of 1

2005-03-0098

SAMPLING COMPANY: SECOR International Inc		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER 1871		GLOBAL ID NO.: T0607999982
ADDRESS: 3017 Kilgore Rd Suite 100, Rancho Conejo, CA 94570			SITE ADDRESS (Street and City): 88 MacArthur Blvd, Oakland, California		CONOCOPHILLIPS SITE MANAGER: Ed Ralston
PROJECT CONTACT (Hardcopy or PDF Report for): Amy Draffan			REP. DELIVERABLE TO (REP or Destination): Amy Draffan	PHONE NO.: (916) 861-0400 ext 235	EMAIL: adraffan@secor.com
TELEPHONE: (916) 861-0400 x 235	FAX: (916) 861-0430	EMAIL: adraffan@secor.com	LAB USE ONLY:		
SAMPLER NAME(S) (Print): Amy Draffan		CONSULTANT PROJECT NUMBER: 77CP.00004.01.1841			

TURNAROUND TIME (CALENDAR DAYS): <input checked="" type="checkbox"/> 24 HOURS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 74 HOURS <input type="checkbox"/> LESS THAN 24 HOURS		REQUESTED ANALYSES			
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF ADD IS NEEDED <input checked="" type="checkbox"/>		8015m - TPHd Extractable	8260B - TPHg/BTEX/8	8260B - TPHg/BTEX/8 OXYGENASE	8260B - TPHg/BTEX/8 oxygenase + methanol (8015M)
		8260B - Full Scan VOCs (does not include oxygenates)	8279C - Semi-Volatiles	8015M/801B - TPHg/BTEX/MBE	Lead DTOTL DTCLP

FIELD NOTES:
Containment Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°
2

LAB USE ONLY	Sample Identification/Field Point		SAMPLING		MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/8	8260B - TPHg/BTEX/8 OXYGENASE	8260B - TPHg/BTEX/8 oxygenase + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8279C - Semi-Volatiles	8015M/801B - TPHg/BTEX/MBE	Lead DTOTL DTCLP
	Name*	DATE	TIME											
	MW-1	2/25	2:15	Water	3		X							
	MW-7	2/25	2:05	Water	3		X							

Requisitioned by: (Signature) <i>Amy Draffan</i>	Received by: (Signature) <i>Ben Work</i>	Date: 2/28/05	Time: 0900
Requisitioned by: (Signature) <i>Ben Work</i>	Received by: (Signature) <i>[Signature]</i>	Date: 2-28-05	Time: 1000
Requisitioned by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature]</i>	Date: 3-1-05	Time: 1145
		Date: 3-1-05	Time: 1630

SECOR-Sacramento

March 28, 2005

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Attn.: Amy Draffan

Project#: 77CP.60004.01.1841

Project: Conoco Phillips Site #1871

Site: 96 McArthur Blvd., Oakland, CA

Attached is our report for your samples received on 03/09/2005 15:25

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 04/23/2005 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: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.

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

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/09/2005 15:25

Site: 96 McArthur Blvd., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	03/08/2005 12:55	Water	1

Severn Trent Laboratories, Inc.

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

03/26/2005 14:50

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/09/2005 15:25

Site: 96 McArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/03/21-1A.65-036

Water

Test(s): 8260B

QC Batch # 2005/03/21-1A.65

Date Extracted: 03/21/2005 08:36

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	03/21/2005 08:36	
Benzene	ND	0.5	ug/L	03/21/2005 08:36	
Toluene	ND	0.5	ug/L	03/21/2005 08:36	
Ethylbenzene	ND	0.5	ug/L	03/21/2005 08:36	
Total xylenes	ND	1.0	ug/L	03/21/2005 08:36	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/21/2005 08:36	
Surrogates(s)					
1,2-Dichloroethane-d4	116.4	73-130	%	03/21/2005 08:36	
Toluene-d8	104.0	81-114	%	03/21/2005 08:36	

Severn Trent Laboratories, Inc.

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

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

03/26/2005 14:50

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/09/2005 15:25

Site: 96 McArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/03/21-1A.65

LCS 2005/03/21-1A.65-010

Extracted: 03/21/2005

Analyzed: 03/21/2005 08:10

LCS

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.5		25	86.0			65-165	20		
Benzene	25.4		25	101.6			69-129	20		
Toluene	26.5		25	106.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	432		500	86.4			73-130			
Toluene-d8	509		500	101.8			81-114			

Severn Trent Laboratories, Inc.

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

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

03/26/2005 14:50

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/09/2005 15:25

Site: 96 McArthur Blvd., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2005/03/21-1A.65

MS/MSD

Lab ID: 2005-03-0370 - 003

MS: 2005/03/21-1A.65-035

Extracted: 03/21/2005

Analyzed: 03/21/2005 10:36

Dilution: 1.00

MSD: 2005/03/21-1A.65-002

Extracted: 03/21/2005

Analyzed: 03/21/2005 11:02

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	28.5	34.2	ND	25	114.0	136.8	18.2	65-165	20		
Benzene	25.9	31.4	ND	25	103.6	125.6	19.2	69-129	20		
Toluene	27.2	32.6	ND	25	108.8	130.4	18.1	70-130	20		M4
Surrogate(s)											
1,2-Dichloroethane-d4	564	579		500	112.8	115.8		73-130			
Toluene-d8	533	556		500	106.6	111.2		81-114			

Severn Trent Laboratories, Inc.

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

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

03/26/2005 14:50

Gas/BTEX/MTBE by 8260B

SECOR-Sacramento

Attn.: Amy Draffan

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60004.01.1841
Conoco Philips Site #1871

Received: 03/09/2005 15:25

Site: 96 McArthur Blvd., Oakland, CA

Legend and Notes

Analysis Flag

L2

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

Result Flag

M4

MS/MSD spike recoveries were above acceptance limits.
See blank spike (LCS).

STL-San Francisco

1220 Quarry Lane
Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Chain Of Custody Record

103330

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3511 South Harbor, Suite 200
Santa Ana, CA. 92704

2005-03-0428

ConocoPhillips Work Order Number

2505SEC550

ConocoPhillips Cost Object

WNO.2595

DATE: 03-08-05

PAGE: 1 of 1

SAMPLING COMPANY: SECOR International Inc		Volts Value ID:	CONOCOPHILLIPS SITE NUMBER 1871		GLOBAL ID NO.: T0607999982
ADDRESS: 3017 Kilgore Rd Suite 100, Rancho Cordova, CA 95670			SITE ADDRESS (Street and City): 95 MacArthur Blvd, Oakland, California		CONOCOPHILLIPS SITE MANAGER: Ed Ralston
PROJECT CONTACT (Hardcopy or PDF Report to): Amy Draffan			EDF DELIVERABLE TO (BP or Designee): Amy Draffan	PHONE NO.: (916) 861-0400 ext 235	E-MAIL: draffan@secor.com
TELEPHONE: (916) 861-0400 x 235	FAX: (916) 861-0430	E-MAIL: draffan@secor.com	LAB USE ONLY		
SAMPLER NAME(S) (Print): James Patton		CONSULTANT PROJECT NUMBER: 77CP.60004.01.1841			

REQUESTED ANALYSES

TURNAROUND TIME (CALENDAR DAYS)
 14 DAYS 7 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDF IS TO BE USED:

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

TEMPERATURE ON RECEIPT (°F)
2

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING		MATRIX	NO. OF CONT.	8015M - TPHd Extractable	8260B - TPHg/BTEX/MBE	8260B - TPHg / BTEX / B Oxygenates	8260B - TPHg / BTEX / B oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8275C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MBE	Lead	Total	STLC	TCLP	
		DATE	TIME														
	MW-1	030805	12:55	Water	2		X										
	MW-7			Water	3												

Retrieved By (Signature):	Received By (Signature):	Date: 3-8-05	Time: 1550
Retrieved By (Signature):	Received By (Signature):	Date: 3-9-05	Time: 1155
Retrieved By (Signature):	Received By (Signature):	Date: 3-9-05	Time: 2525