ConocoPhillips

2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583

Phone: (925) 277-2384
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Risk Management &
Remediation

November 3, 2003

RO 450

Re: Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

" I declare under penalty of perjury, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached proposal or report is true and correct"

David B. DeWitt

David B. DeWitt
Site Manager
ConocoPhillips

GETTLER-RYAN INC.

TRANSMITTAL

October 17, 2003
G-R #180203

TO: Mr. David B. De Witt
ConocoPhillips
76 Broadway Avenue
Sacramento, California 945818

CC: Mr. Rob Saur
ERI, Inc.
73 Digital Drive, Suite 100
Novato, California 94949

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

RE: Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 17, 2003	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 12, 2003

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by ***October 31, 2003***, this report will be distributed to the following:

cc: Ms. Eva Chu, Alameda County Dept., of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502

Enclosure

trans/0843-dbd

GETTLER-RYAN INC.

October 17, 2003
G-R Job #180203

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

RE: Third Quarter Event of September 12, 2003
Groundwater Monitoring & Sampling Report
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

Dear Mr. De Witt:

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

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

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

Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285

REGISTERED GEOLOGIST
ROBERT C. MALLORY
No. 7285
Exp. 01/04
STATE OF CALIFORNIA

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

0843.qml

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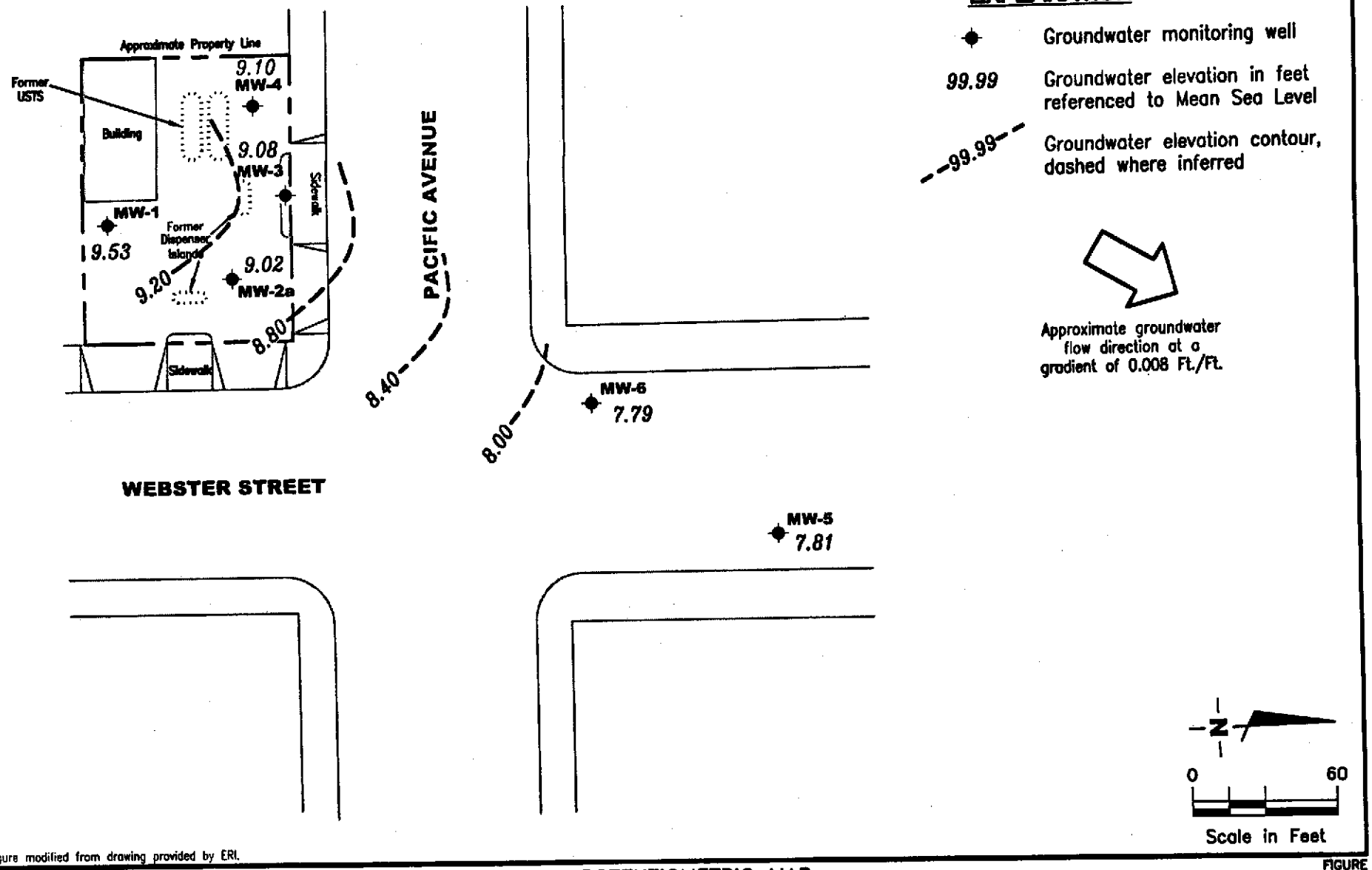
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



Source: Figure modified from drawing provided by ERI.

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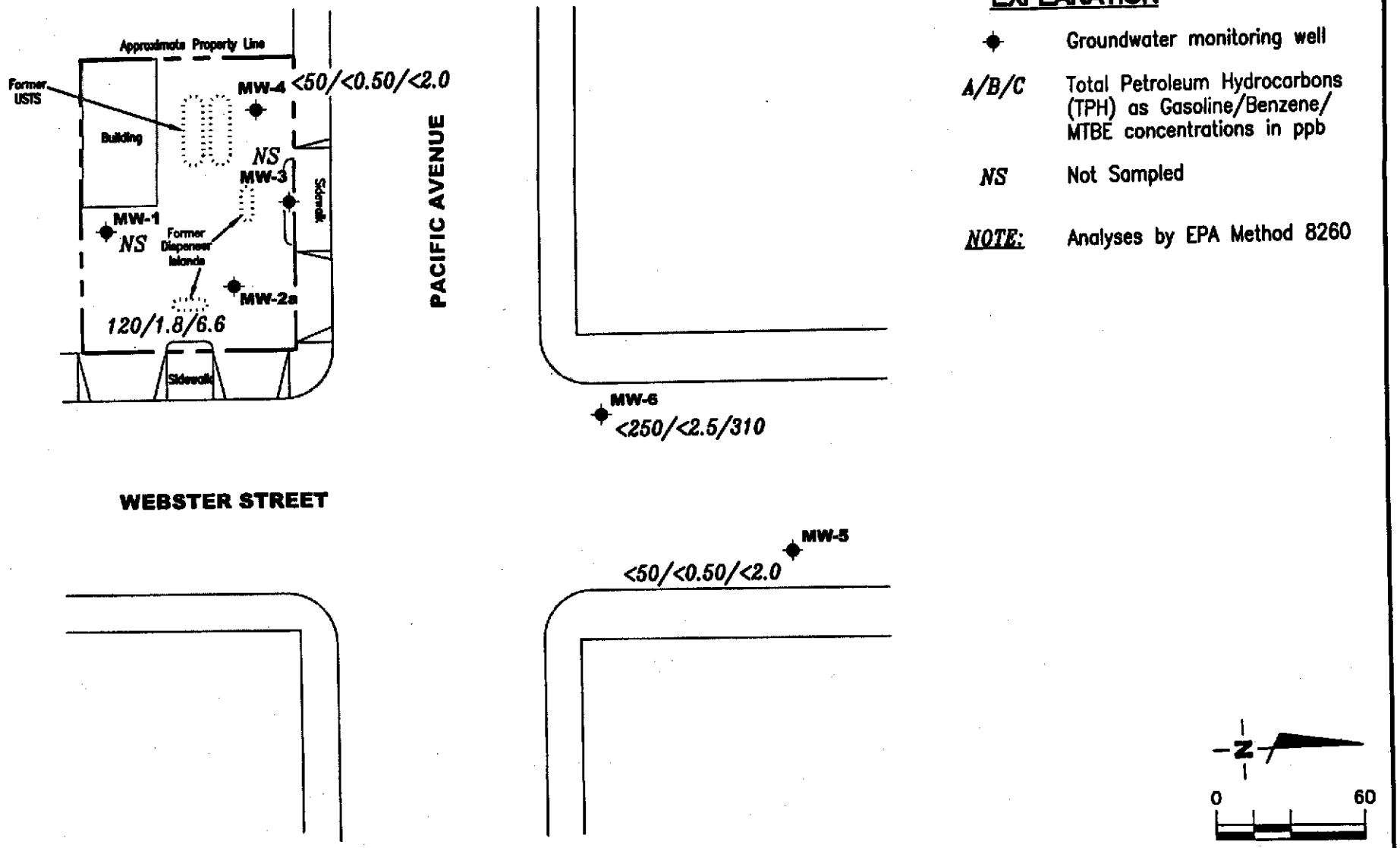
POTENTIOMETRIC MAP
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180203		September 12, 2003	

FILE NAME: P:\ENVIRO\CONOCOPHILLIPS-TOSCO\0843\003-0843.DWG | Layout Tab: Pot3



Source: Figure modified from drawing provided by ERI.

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6747 Sierra Ct., Suite J
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CONCENTRATION MAP
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

FIGURE
2

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
180203		September 12, 2003	

FILE NAME: P:\ENVIRO\CONOCOPHILLIPS-TOSCO\0843\Q03-0843.DWG | Layout Tab: Con3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1										
16.18	03/05/99[1]	--	4.5-20.5	--	86.6[3]	ND	2.04	ND	4.06	23.9[2]
	06/03/99	6.24		9.94	ND	ND	ND	ND	ND	ND/ND[2]
	09/02/99	7.19		8.99	ND	ND	ND	ND	ND	ND/ND[2]
	12/14/99	8.07		8.11	ND	ND	ND	ND	ND	ND
	03/14/00	5.47		10.71	ND	ND	ND	ND	ND	ND
	05/31/00	6.22		9.96	ND	ND	ND	ND	ND	ND
	08/29/00	6.82		9.36	ND	ND	ND	ND	ND	ND
	12/01/00	7.54		8.64	ND	ND	ND	ND	ND	ND
	03/17/01	5.73		10.45	ND	ND	ND	ND	ND	ND
	05/23/01	6.43		9.75	ND	ND	ND	ND	ND	ND
	09/24/01	7.12		9.06	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	12/10/01	6.89		9.29	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	03/11/02	5.61		10.57	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	06/07/02	5.71		10.47	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/03/02	NOT MONITORED/SAMPLED			--	--	--	--	--	--
	12/12/02	7.80		8.38	NO LONGER SAMPLED		--	--	--	--
	03/13/03	5.94		10.24	--	--	--	--	--	--
	06/12/03	6.10		10.08	--	--	--	--	--	--
	09/12/03	**6.65**		**9.53**	--	--	--	--	--	--
MW-2	03/05/99[1]	--	4.5-20.5	--	34,400	2,070	7,710	2,340	8,240	8,460[2]
15.57	06/03/99	5.96		9.61	51,200[4]	1,820	7,570	2,510	7,320	6,460/8,800[2]
	09/02/99	6.85		8.72	17,000[5]	1,000	3,100	1,400	3,700	4,000/3,720[2]
	12/14/99	7.65		7.92	83,000[5]	3,000	22,000	4,500	17,000	9,100/11,000[2]
	03/14/00	5.26		10.31	31,000[5]	1,600	4,600	2,300	7,300	5,700/8,700[2]
	05/31/00	5.60		9.97	9,970[5]	598	1,030	487	2,060	2,500/1,670[2]
	08/29/00	6.35		9.22	7,900[5]	390	1,500	280	1,900	1,800/1,300[2]
	12/01/00	7.06		8.51	87,500[5]	1,860	17,400	5,590	19,400	6,220/3,790[2]
	03/17/01	5.98		9.59	4,310[5]	371	59.0	280	682	321/433[2]
	05/23/01	6.97		8.60	45,400[5]	374	4,490	2,790	10,900	[7]ND/406[2]
	09/24/01	7.56		8.01	76,000[3]	430	13,000	4,700	18,000	<2,000/480[2]

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID/ TOC* (ft.)		DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)		12/10/01	6.52	4.5-20.5	9.05	82,000[3]	320	9,100	4,400	16,000	<2,500/270[2]
		03/11/02	5.51		10.06	14,000[3]	75	1,400	1,100	3,600	<250/150[2]
		06/07/02	5.73		9.84	14,000	120	1,200	1,400	4,700	540/200[2]
		09/03/02	6.81		8.76	10,000[11]	150	1,200	610	2,800	510/460[2]
		DESTROYED	(This well has been replaced, new well ID MW-2a)								
MW-2a 15.56		12/12/02	7.45	5-11.5	8.11	3,400	80	260	210	1,000	380/400[2]
		03/13/03	5.85		9.71	<50	<0.50	<0.50	<0.50	1.8	2.4/2.4[2]
	(S)	06/12/03	6.08		9.48	<50	0.59	0.69	<0.50	1.2	6.0/4.7[2]
		09/12/03[14]	**6.54**		**9.02**	**120**	**1.8**	**4.2**	**6.1**	**20**	**6.6**
MW-3 15.11		03/05/99[1]	--	5.0-20.0	--	135[3]	ND	ND	ND	4.84	2.46[2]
		06/03/99	5.57		9.54	ND	ND	ND	ND	ND	5.23/12.7[2]
		09/02/99	6.50		8.61	ND	ND	ND	ND	ND	13/11.0[2]
		12/14/99	7.28		7.83	ND	ND	ND	ND	ND	ND
		03/14/00	4.87		10.24	ND	ND	ND	ND	ND	7.2/6.3[2]
		05/31/00	5.58		9.53	ND	ND	ND	ND	ND	ND
		08/29/00	6.06		9.05	ND	ND	ND	ND	ND	ND
		12/01/00	6.76		8.35	ND	ND	ND	ND	ND	ND
		03/17/01	5.09		10.02	ND	ND	ND	ND	ND	ND
		05/23/01	5.72		9.39	ND	ND	ND	ND	ND	ND
		09/24/01	6.34		8.77	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		12/10/01	6.31		8.80	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		03/11/02	5.15		9.96	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		06/07/02	5.45		9.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5
		09/03/02	NOT MONITORED/SAMPLED			--	--	--	--	--	--
		12/12/02	7.15		7.96	NO LONGER SAMPLED		--	--	--	--
		03/13/03	5.37		9.74	--	--	--	--	--	--
		06/12/03	5.51		9.60	--	--	--	--	--	--
		09/12/03	**6.03**		**9.08**	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID/ TOC* (ft.)		DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4		03/05/99[1]	--	5.0-20.5	--	ND	ND	ND	ND	2.44	25.2[2]
15.17		06/03/99	5.45		9.72	ND	ND	ND	ND	ND	ND/3.96[2]
		09/02/99	6.48		8.69	ND	ND	ND	ND	ND	23/27.0[2]
		12/14/99	7.27		7.90	ND	ND	ND	ND	ND	200/270[2]
		03/14/00	4.67		10.50	ND	ND	ND	ND	ND	46/49[2]
		05/31/00	5.48		9.69	ND	ND	ND	ND	ND	ND
		08/29/00	6.10		9.07	ND	ND	ND	ND	ND	6.1/3.2[2]
		12/01/00	6.79		8.38	ND	ND	ND	ND	ND	152/101[2]
		03/17/01	5.01		10.16	ND	ND	ND	ND	ND	ND
		05/23/01	5.78		9.39	ND	ND	ND	ND	ND	ND
		09/24/01	6.42		8.75	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		12/10/01	6.41		8.76	<50	<0.50	<0.50	<0.50	<0.50	1,700/1,300[2]
		03/11/02	5.05		10.12	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		06/07/02	5.42		9.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5
		09/03/02	6.50		8.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5
		12/12/02	7.18		7.99	<50	<0.50	<0.50	<0.50	<0.50	2.9/3.3[2]
		03/13/03	5.42		9.75	<50	<0.50	<0.50	<0.50	<0.50	<2.0
	(S)	06/12/03	5.60		9.57	<50	<0.50	<0.50	<0.50	<0.50	<2.0
		09/12/03[14]	**6.07**		**9.10**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<2.0**
MW-5		12/14/99	6.45	5-20	6.89	ND	ND	ND	ND	ND	3.5/3.8[2]
13.34		03/14/00	4.46		8.88	ND	ND	ND	ND	ND	ND
		05/31/00	5.18		8.16	ND	ND	ND	ND	ND	ND
		08/29/00	5.46		7.88	ND	ND	ND	ND	ND	ND
		12/01/00	5.95		7.39	ND	ND	ND	ND	ND	ND
		03/17/01	5.36		7.98	ND	ND	ND	ND	ND	ND
		05/23/01	5.09		8.25	ND	ND	ND	ND	ND	ND
		09/24/01	5.58		7.76	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		12/10/01	5.51		7.83	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		03/11/02	4.70		8.64	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		06/07/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
		09/03/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID/ TOC* (ft.)		DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5		12/12/02	6.42	5-20	6.92	<50	<0.50	<0.50	<0.50	<0.50	<2.0
(cont)		03/13/03	5.12		8.22	<50	<0.50	0.54	<0.50	<0.50	<2.0
	(S)	06/12/03	5.24		8.10	<50	<0.50	<0.50	<0.50	<0.50	<2.0
		09/12/03[14]	**5.53**		**7.81**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<2.0**
MW-6		12/14/99	6.64	5-20	7.44	ND	ND	ND	ND	ND	11,000/18,000[2]
14.08		03/14/00	4.72		9.36	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	19,000/21,000[2,6]
		05/31/00	5.28		8.80	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	13,200
		08/29/00	5.39		8.69	ND	ND	ND	ND	ND	270/400[2]
		12/01/00	6.11		7.97	ND	ND	ND	ND	ND	6,330/3,640[2]
		03/17/01	6.02		8.06	18,700[5]	2,950	989	1,040	3,000	10,200/11,500[2]
		05/23/01	5.82		8.26	ND[7]	ND[7]	ND[7]	ND[7]	ND[7]	4,660[8]
		09/24/01[10]	6.59		7.49	<50	<0.50	<0.50	<0.50	<0.50	160/190[9]
		12/10/01	6.50		7.58	<50	<0.50	<0.50	<0.50	<0.50	3,200/2,400[2]
		03/11/02	4.81		9.27	<50	<0.50	<0.50	<0.50	<0.50	92/120[2]
		06/07/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
		09/03/02	INACCESSIBLE - PAVED OVER			--	--	--	--	--	--
		12/12/02	6.51		7.57	590[12]	<0.50	<0.50	<0.50	<0.50	1,500/6,200[2]
	(S)	03/13/03	5.20		8.88	1,600[13]	<5.0	<5.0	<5.0	<5.0	4,900/4,100[2]
	(K)	03/13/03	--		--	--	--	--	--	--	--/5,100[2]
	(S)	06/12/03	5.38		8.70	1,600	<10	<10	<10	<10	5,200/3,700[2]
		09/12/03[14]	**6.29**		**7.79**	**<250**	**<2.5**	**<2.5**	**<2.5**	**<5.0**	**310**
Trip Blank		03/05/99[1]	--	--	--	ND	ND	ND	ND	ND	ND[2]
TB-LB		06/03/99	--		--	ND	ND	ND	ND	ND	ND
		09/02/99	--		--	ND	ND	ND	ND	ND	ND
		12/14/99	--		--	ND	ND	ND	ND	ND	ND
		03/14/00	--		--	ND	ND	ND	ND	ND	ND
		05/31/00	--		--	ND	ND	ND	ND	ND	ND
		08/29/00	--		--	ND	ND	ND	ND	ND	ND
		12/01/00	--		--	ND	ND	ND	ND	ND	ND

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID/ TOC* (ft.)		DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB		03/17/01	--	--	--	ND	ND	ND	ND	ND	ND
(cont)		05/23/01	--		--	ND	ND	ND	ND	ND	ND
		09/24/01	--		--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		12/10/01	--		--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		03/11/02	--		--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		06/07/02	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
		09/03/02	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA		12/12/02	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.0
	(S)	03/13/03	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.0
	(K)	03/13/03	--		--	--	--	--	--	--	--/<0.50[2]
	(S)	06/12/03	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.0
		09/12/03[14]	--		--	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<2.0**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 3, 1999, were compiled from reports prepared by ERI, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
S.I. = Screen Interval
(ft.bgs) = Feet Below Ground Surface
GWE = Groundwater Elevation
(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion
ND = Not Detected
-- = Not Measured/Not Analyzed
(S) = Sequoia Analytical
(K) = Kiff Analytical
QA = Quality Assurance/Trip Blank

* TOC elevations are based on USC&GS Benchmark WEB PAC - 1947 - R 1951; (Elevation = 14.054 feet).

1 BTEX by EPA Method 8260.
2 MTBE by EPA Method 8260.
3 Laboratory report indicates weathered gasoline C6-C12.
4 Laboratory report indicates chromatogram pattern C6-C12.
5 Laboratory report indicates gasoline C6-C12.
6 Laboratory report indicates sample was analyzed 03/28/00 but required reanalysis at a dilution. The dilution was analyzed outside of the EPA recommended holding time.
7 Detection limit raised. Refer to analytical reports.
8 Laboratory did not perform analysis for MTBE by EPA Method 8260 as requested on the Chain of Custody for 8020 MTBE hits.
9 MTBE by EPA Method 8260 was analyzed past the EPA recommended holding time.
10 Due to laboratory error, MW-6 was not analyzed within the EPA recommended holding time.
11 Laboratory report indicates gasoline C6-C10.
12 Laboratory report indicates discrete peak @ C5.
13 Laboratory report indicates discrete peak @ MTBE.
14 TPH-G, BTEX, and MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	09/02/99	ND	ND	ND	ND	ND	ND	--	--
MW-2	09/02/99	ND[1]	ND[1]	3,720	ND[1]	ND[1]	ND[1]	--	--
	12/14/99	ND[1]	ND[1]	11,000	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]
	03/14/00	ND[1]	1,300	8,700	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]
	05/31/00	ND[1]	ND[1]	1,670	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]
	08/29/00	ND	250	1,300	ND	ND	ND	ND	ND
	12/01/00	ND[1]	ND[1]	3,790	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]
	03/17/01	ND[1]	ND[1]	433	14.8	ND[1]	ND[1]	ND[1]	ND[1]
	05/23/01	ND[1]	ND[1]	406	ND[1]	ND[1]	ND[1]	ND[1]	ND[1]
	09/24/01	<50,000	<5,000	480	<100	<100	<100	<100	<100
	12/10/01	<12,000	<500	270	<25	<25	<25	<25	<25
	03/11/02	<5,000	<1,000	150	<20	<20	<20	<20	<20
	06/07/02	<2,000	<1,000	200	<25	<25	<25	<25	<25
	09/03/02	<5,000	<1,000	460	<20	<20	<20	<20	<20
	DESTROYED	(This well has been replaced, new well ID MW-2a)			--	--	--	--	--
MW-2a	12/12/02	<500	<100	400	<2.0	<2.0	<2.0	2.3	<2.0
	03/13/03	<500	<100	2.4	<2.0	<2.0	<2.0	<2.0	<2.0
(S)	06/12/03	<500	<100	4.7	<2.0	<2.0	<2.0	<2.0	<2.0
	09/12/03	**<500**	**<100**	**6.6**	**<2.0**	**<2.0**	**<2.0**	**<2.0**	**<2.0**
MW-3	09/02/99	ND	ND	11.0	ND	ND	ND	--	--
	03/14/00	--	--	6.3	--	--	--	--	--
MW-4	09/02/99	ND	ND	27.0	ND	ND	ND	--	--
	12/14/99	--	--	270	--	--	--	--	--
	03/14/00	--	--	49	--	--	--	--	--
	08/29/00	--	--	3.2	--	--	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-4	12/10/01	<7,100	<290	1,300	<14	<14	<14	<14	<14
(cont)	12/12/02	<500	<100	3.3	<2.0	<2.0	<2.0	<2.0	<2.0
	09/12/03	**<500**	–	**<2.0**	–	–	–	–	–
MW-5	12/14/99	--	--	3.8	--	--	--	--	--
	09/12/03	**<500**	–	**<2.0**	–	–	–	–	–
MW-6	12/14/99	--	--	18,000	--	--	--	--	--
	03/14/00	--	--	21,000[2]	--	--	--	--	--
	08/29/00	--	--	400	--	--	--	--	--
	03/17/01	ND[1]	ND[1]	11,500	ND[1]	ND[1]	ND[1]	219	ND[1]
	05/23/01[3]	--	--	--	--	--	--	--	--
	09/24/01[4]	<1,000	<100	190	<2.0	<2.0	<2.0	<2.0	<2.0
	12/10/01	<12,000	<500	2,400	<25	<25	<25	<25	<25
	03/11/02	<500	<100	120	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	<50,000	<10,000	6,200	<200	<200	<200	<200	<200
(S)	03/13/03	<25,000	<5,000	4,100	<100	<100	<100	<100	<100
(K)	03/13/03	--	--	5,100	--	--	--	--	--
(S)	06/12/03	<10,000	<2,000	3,700	<40	<40	<40	<40	<40
	09/12/03	**<2,500**	–	**310**	–	–	–	–	–

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Former Tosco 76 Service Station #0843

1629 Webster Street

Alameda, 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 = 1,2-Dibromoethane

(ppb) = Parts per billion

-- = Not Analyzed

ND = Not Detected

(S) = Sequoia Analytical

(K) = Kiff Analytical

1 Detection limit raised. Refer to analytical reports.

2 Laboratory report indicates sample was analyzed 03/28/00 but required reanalysis at a dilution. The dilution was analyzed outside of the EPA recommended holding time.

3 Laboratory did not perform analysis for oxygenates as requested on the Chain of Custody, on all 8020 MTBE hits.

4 Laboratory report indicates sample was analyzed past the EPA recommended holding time.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

As requested by 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 #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: JC

Well ID MW-1 Date Monitored: 9-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 20.02 ft.
Depth to Water 6.65 ft.

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

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

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Other:

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: M. only

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Size: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: JOC

Well ID MW-2a Date Monitored: 9-12-03 Well Condition: OK
Well Diameter 2 in.
Total Depth 10.55 ft.
Depth to Water 6.54 ft.

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

4.01 xVF 0.17 = 0.68 x3 (case volume) = Estimated Purge Volume: 2.5 gal.

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

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

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

Start Time (purge): 0846 Weather Conditions: Hot
Sample Time/Date: 0905 9-12-03 Water Color: Clear Odor: Some
Purging Flow Rate: 0.5 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F) x1.8+32	D.O. (mg/L)	ORP (mV)
0850	1	6.97	2.15	63.7		
0853	2	6.82	2.18	64.6		
0856	2.5	6.88	2.09	64.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2a	3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE(8260)/ 8 Oxy's(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-3 Date Monitored: 9-12-03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 19.90 ft.
Depth to Water 6.03 ft.

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

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

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Other:

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS: Monthly

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Size: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-4 Date Monitored: 9-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 19.75 ft.
Depth to Water 6.07 ft.

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

13.68 xVF 0.17 = 2.33 x3 (case volume) = Estimated Purge Volume: 7 gal.

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

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

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

Start Time (purge): 0800 Weather Conditions: Hot
Sample Time/Date: 0835 / 9-12-03 Water Color: clear Odor: none
Purging Flow Rate: 1 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0813	2.5	7.46	13.95	73.1		
0815	5	7.40	12.52	73.7		
0817	7	7.37	12.47	73.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ConocoPhillips #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: Joc

Well ID MW-5 Date Monitored: 9-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 20.25 ft.
Depth to Water 5.53 ft.

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

14.72 xVF 0.17 = 2.50 x3 (case volume) = Estimated Purge Volume: 7.5 gal.

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

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

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

Start Time (purge): 0726 Weather Conditions: Hot
Sample Time/Date: 0750 / 9-12-03 Water Color: clear Odor: none
Purging Flow Rate: 1 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0735	2.5	7.90	8.96	74.1		
0738	5	7.59	10.31	74.0		
0740	7.5	7.58	10.92	74.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: ConocoPhillips #0843 Job Number: 180203
Site Address: 1629 Webster Street Event Date: 9-12-03 (inclusive)
City: Alameda, CA Sampler: TOC

Well ID MW-6 Date Monitored: 9-12-03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 20.15 ft.
Depth to Water 6.29 ft.

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

13.86 xVF 0.17 = 2.36 x3 (case volume) = Estimated Purge Volume: 7.5 gal.

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

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

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

Start Time (purge): 0918 Weather Conditions: Hot
Sample Time/Date: 0930 9-12-03 Water Color: Clear Odor: ~~Some~~
Purging Flow Rate: 1 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0925	2.5	7.11	4.10	72.8		
0927	5	6.72	3.59	73.3		
0930	7.5	6.78	3.64	73.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 6	3 x voa vial	YES	HCL	STL Pleasanton	TPH-G/BTEX/MTBE/ETHANOL(8260)

COMMENTS:

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

Gettler-Ryan Inc. Group

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

Facility Number: 0843
Facility Address: 1629 WEBSTER STREET, ALAMEDA, CA
Global ID: T0600102263 Project: 180203.86
Client Contact: MR. DAVID B. DEWITT
Phone: 916-558-7666

2003.09.056

Laboratory Name: STL Pleasanton
Consultant: GETTLER-RYAN, INC. DEANNA L. HARDING
Address: 6747 SIERRA CT., SUITE J, DUBLIN CA 94568
Phone: (925) 551-7555 Fax: (925) 551-7899
Sampler: JOE ASEMIAN

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 5520	METALS Cd, Cr, Pb, Zn, Ni	NITRATE/SULFATE/ALKALINITY EPA 300 SERIES	HVOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270	Ethanol (8260)				Remarks
QA	1	W	HCl	9-12-03					✓													
MW-2a	3	"	"	" 0905					✓	✓								✓				
MW-4	"	"	"	" 0835					✓									✓				
MW-5	"	"	"	" 0750					✓									✓				
MW-6	"	"	"	" 0940					✓													

Run 8 Oxy's by 8260 on all 8260 MTBE hits.

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

Relinquished By (Signature)	Organization: G-R	Date/Time: 9.12.03 1250	Received By (Signature)	Organization: G-R	Date/Time: 9/12/03 1250	Iced Y/N
Relinquished By (Signature)	Organization: G-R	Date/Time: 9/13/03 1130	Received By (Signature)	Organization: G-R	Date/Time: 9/13/03 1130	Iced Y/N
Relinquished By (Signature)	Organization: G-R	Date/Time: 9/13/03 0953	Received For Laboratory By (Signature): Denise Harrington		Date/Time: 9/13/03 @ 0953	Iced Y/N

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

SEVERN TRENT STL

Submission#: 2003-09-0566

Gettler Ryan

October 14, 2003

6747 Sierra Court Suite J
Dublin, CA 94568

Attn.: Deanna Harding

Project#: 180203.80
Project: Conoco #0843
Site: 1629 Webster Street, Alameda

Dear Ms. Harding,

Attached is our report for your samples received on 09/15/2003 09:53
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 10/30/2003 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

SEVERN TRENT STL

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: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
QA	09/12/2003	Water	1
MW-2A	09/12/2003 09:05	Water	2
MW-4	09/12/2003 08:35	Water	3
MW-5	09/12/2003 07:50	Water	4
MW-6	09/12/2003 09:40	Water	5

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: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	QA	Lab ID:	2003-09-0566 - 1
Sampled:	09/12/2003	Extracted:	9/25/2003 21:21
Matrix:	Water	QC Batch#:	2003/09/25-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/25/2003 21:21	
Benzene	ND	0.50	ug/L	1.00	09/25/2003 21:21	
Toluene	ND	0.50	ug/L	1.00	09/25/2003 21:21	
Ethylbenzene	ND	0.50	ug/L	1.00	09/25/2003 21:21	
Total xylenes	ND	1.0	ug/L	1.00	09/25/2003 21:21	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/25/2003 21:21	
Surrogate(s)						
1,2-Dichloroethane-d4	85.2	76-114	%	1.00	09/25/2003 21:21	
Toluene-d8	96.7	88-110	%	1.00	09/25/2003 21:21	

SEVERN TRENT STL

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: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Prep(s): 5030B
Sample ID: **MW-2A**
Sampled: 09/12/2003 09:05
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-09-0566 - 2
Extracted: 9/26/2003 11:27
QC Batch#: 2003/09/26-1A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	120	50	ug/L	1.00	09/26/2003 11:27	
Benzene	1.8	0.50	ug/L	1.00	09/26/2003 11:27	
Toluene	4.2	0.50	ug/L	1.00	09/26/2003 11:27	
Ethylbenzene	6.1	0.50	ug/L	1.00	09/26/2003 11:27	
Total xylenes	20	1.0	ug/L	1.00	09/26/2003 11:27	
tert-Butyl alcohol (TBA)	ND	100	ug/L	1.00	09/26/2003 11:27	
Methyl tert-butyl ether (MTBE)	6.6	2.0	ug/L	1.00	09/26/2003 11:27	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	09/26/2003 11:27	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	09/26/2003 11:27	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	09/26/2003 11:27	
1,2-DCA	ND	2.0	ug/L	1.00	09/26/2003 11:27	
EDB	ND	2.0	ug/L	1.00	09/26/2003 11:27	
Ethanol	ND	500	ug/L	1.00	09/26/2003 11:27	
Surrogate(s)						
1,2-Dichloroethane-d4	91.9	76-114	%	1.00	09/26/2003 11:27	
Toluene-d8	108.4	88-110	%	1.00	09/26/2003 11:27	

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Gas/BTEX Fuel Oxygenates by 8260B

Gettler Ryan

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Prep(s): 5030B
Sample ID: MW-4
Sampled: 09/12/2003 08:35
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-09-0566 - 3
Extracted: 9/25/2003 22:04
QC Batch#: 2003/09/25-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/25/2003 22:04	
Benzene	ND	0.50	ug/L	1.00	09/25/2003 22:04	
Toluene	ND	0.50	ug/L	1.00	09/25/2003 22:04	
Ethylbenzene	ND	0.50	ug/L	1.00	09/25/2003 22:04	
Total xylenes	ND	1.0	ug/L	1.00	09/25/2003 22:04	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/25/2003 22:04	
Ethanol	ND	500	ug/L	1.00	09/25/2003 22:04	
Surrogate(s)						
1,2-Dichloroethane-d4	84.6	76-114	%	1.00	09/25/2003 22:04	
Toluene-d8	99.5	88-110	%	1.00	09/25/2003 22:04	

SEVERN TRENT STL

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Prep(s): 5030B
Sample ID: MW-5
Sampled: 09/12/2003 07:50
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-09-0566 - 4
Extracted: 9/25/2003 22:26
QC Batch#: 2003/09/25-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	09/25/2003 22:26	
Benzene	ND	0.50	ug/L	1.00	09/25/2003 22:26	
Toluene	ND	0.50	ug/L	1.00	09/25/2003 22:26	
Ethylbenzene	ND	0.50	ug/L	1.00	09/25/2003 22:26	
Total xylenes	ND	1.0	ug/L	1.00	09/25/2003 22:26	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	1.00	09/25/2003 22:26	
Ethanol	ND	500	ug/L	1.00	09/25/2003 22:26	
Surrogate(s)						
1,2-Dichloroethane-d4	88.3	76-114	%	1.00	09/25/2003 22:26	
Toluene-d8	95.6	88-110	%	1.00	09/25/2003 22:26	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Prep(s): 5030B
Sample ID: MW-6
Sampled: 09/12/2003 09:40
Matrix: Water

Test(s): 8260FAB
Lab ID: 2003-09-0566 - 5
Extracted: 9/25/2003 22:48
QC Batch#: 2003/09/25-2B.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	250	ug/L	5.00	09/25/2003 22:48	
Benzene	ND	2.5	ug/L	5.00	09/25/2003 22:48	
Toluene	ND	2.5	ug/L	5.00	09/25/2003 22:48	
Ethylbenzene	ND	2.5	ug/L	5.00	09/25/2003 22:48	
Total xylenes	ND	5.0	ug/L	5.00	09/25/2003 22:48	
Methyl tert-butyl ether (MTBE)	310	10	ug/L	5.00	09/25/2003 22:48	
Ethanol	ND	2500	ug/L	5.00	09/25/2003 22:48	
Surrogate(s)						
1,2-Dichloroethane-d4	84.8	76-114	%	5.00	09/25/2003 22:48	
Toluene-d8	101.2	88-110	%	5.00	09/25/2003 22:48	

SEVERN TRENT STL

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2003/09/25-2B.64-059

Water

Test(s): 8260FAB
QC Batch # 2003/09/25-2B.64
Date Extracted: 09/25/2003 20:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	78.8	50	ug/L	09/25/2003 20:59	b
tert-Butyl alcohol (TBA)	ND	100	ug/L	09/25/2003 20:59	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	09/25/2003 20:59	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	09/25/2003 20:59	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	09/25/2003 20:59	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	09/25/2003 20:59	
1,2-DCA	ND	2.0	ug/L	09/25/2003 20:59	
EDB	ND	2.0	ug/L	09/25/2003 20:59	
Benzene	ND	0.5	ug/L	09/25/2003 20:59	
Toluene	3.78	0.5	ug/L	09/25/2003 20:59	b
Ethylbenzene	1.50	0.5	ug/L	09/25/2003 20:59	b
Total xylenes	11.2	1.0	ug/L	09/25/2003 20:59	b
Ethanol	ND	500	ug/L	09/25/2003 20:59	
Surrogates(s)					
1,2-Dichloroethane-d4	84.5	76-114	%	09/25/2003 20:59	
Toluene-d8	94.6	88-110	%	09/25/2003 20:59	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2003/09/26-1A.65-028

Water

Test(s): 8260FAB
QC Batch # 2003/09/26-1A.65
Date Extracted: 09/26/2003 09:28

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	09/26/2003 09:28	
tert-Butyl alcohol (TBA)	ND	100	ug/L	09/26/2003 09:28	
Methyl tert-butyl ether (MTBE)	ND	2.0	ug/L	09/26/2003 09:28	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	09/26/2003 09:28	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	09/26/2003 09:28	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	09/26/2003 09:28	
1,2-DCA	ND	2.0	ug/L	09/26/2003 09:28	
EDB	ND	2.0	ug/L	09/26/2003 09:28	
Benzene	ND	0.5	ug/L	09/26/2003 09:28	
Toluene	ND	0.5	ug/L	09/26/2003 09:28	
Ethylbenzene	ND	0.5	ug/L	09/26/2003 09:28	
Total xylenes	ND	1.0	ug/L	09/26/2003 09:28	
Ethanol	ND	500	ug/L	09/26/2003 09:28	
Surrogates(s)					
1,2-Dichloroethane-d4	87.5	76-114	%	09/26/2003 09:28	
Toluene-d8	101.1	88-110	%	09/26/2003 09:28	

SEVERN TRENT STL

Gas/BTEX Fuel Oxygenates by 8260B

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Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Batch QC Report

Test(s): 8260FAB

Prep(s): 5030B

Laboratory Control Spike | **Water** | **QC Batch # 2003/09/25-2B.64**

LCS 2003/09/25-2B.64-015 | Extracted: 09/25/2003 | Analyzed: 09/25/2003 20:15

LCSD 2003/09/25-2B.64-037 | Extracted: 09/25/2003 | Analyzed: 09/25/2003 20:37

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.6	25.7	25	106.4	102.8	3.4	65-165	20		
Benzene	27.7	27.1	25	110.8	108.4	2.2	69-129	20		
Toluene	28.4	29.5	25	113.6	118.0	3.8	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	445	414	500	89.0	82.8		76-114			
Toluene-d8	492	514	500	98.4	102.8		88-110			

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Gas/BTEX Fuel Oxygenates by 8260B

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Project: 180203.80
Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Batch QC Report

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

Laboratory Control Spike **Water** **QC Batch # 2003/09/26-1A.65**

LCS 2003/09/26-1A.65-043 Extracted: 09/26/2003 Analyzed: 09/26/2003 08:43

LCSD 2003/09/26-1A.65-005 Extracted: 09/26/2003 Analyzed: 09/26/2003 09:05

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	18.4	18.6	25	73.6	74.4	1.1	65-165	20		
Benzene	20.1	21.9	25	80.4	87.6	8.6	69-129	20		
Toluene	21.7	22.3	25	86.8	89.2	2.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	432	446	500	86.4	89.2		76-114			
Toluene-d8	506	512	500	101.2	102.4		88-110			

SEVERN TRENT STL

Gas/BTEX Fuel Oxygenates by 8260B

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Conoco #0843

Received: 09/15/2003 09:53

Site: 1629 Webster Street, Alameda

Legend and Notes

Analysis Flag

o

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

Result Flag

b

Analyte was found in the method blank at a concentration greater than the reporting limit.