ConocoPhillips

2000 Crow Canyon Place
Suite 400
San Ramon, CA 94583

Phone: (925) 277-2305
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Environmental Department

July 25, 2003

RO 450

Alameda County
JUL 29 2003
Environmental Health

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, the information and/or recommendations contained in the attached proposal or report is true and correct."

David B. DeWitt
Site Manager
ConocoPhillips

GETTLER-RYAN INC.

TRANSMITTAL

July 10, 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	July 7, 2003	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 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 ***July 24, 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.

July 7, 2003
G-R Job #180203

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

RE: Second Quarter Event of June 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.

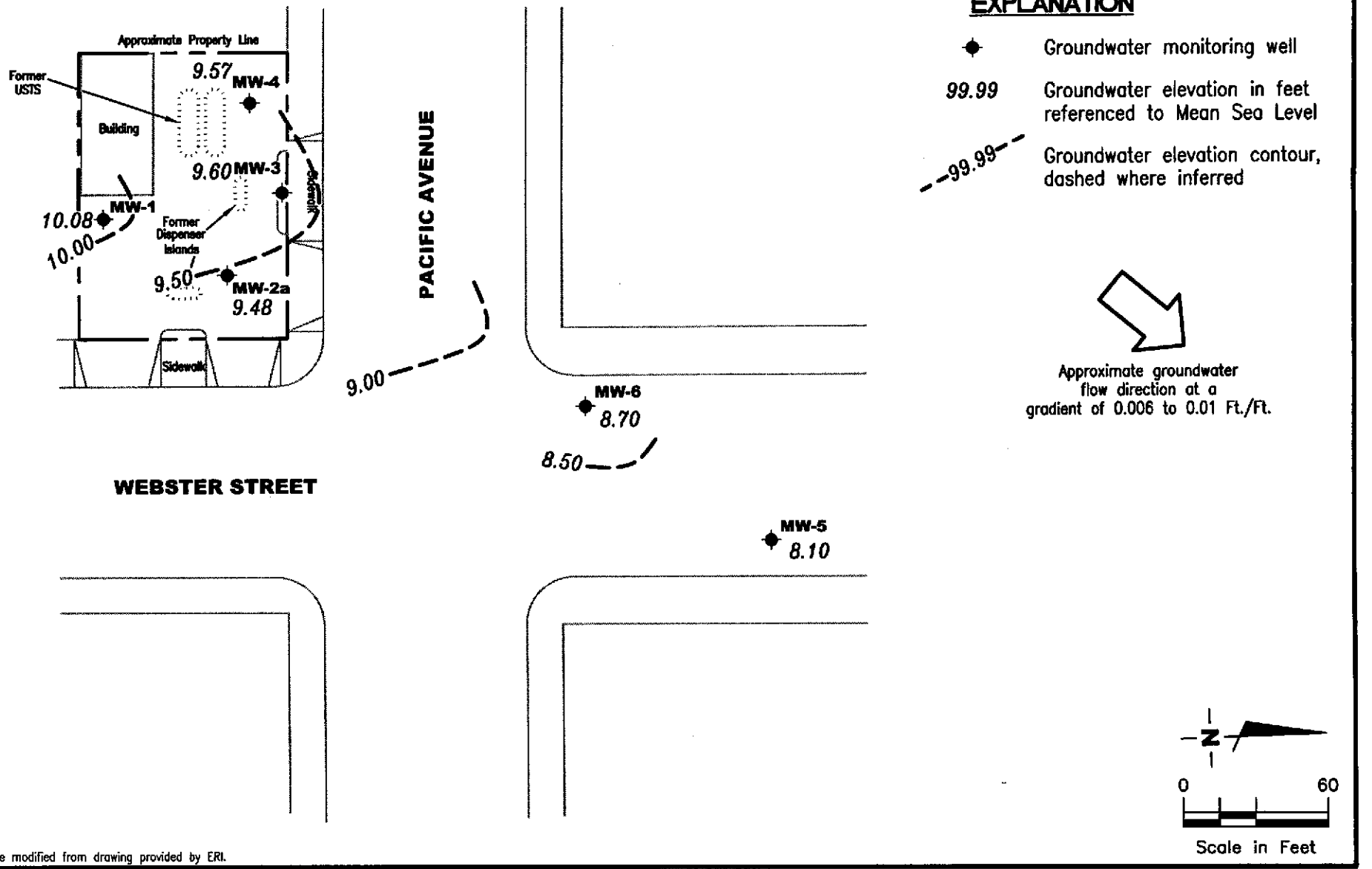
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
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
0843.qml	Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by ERI.

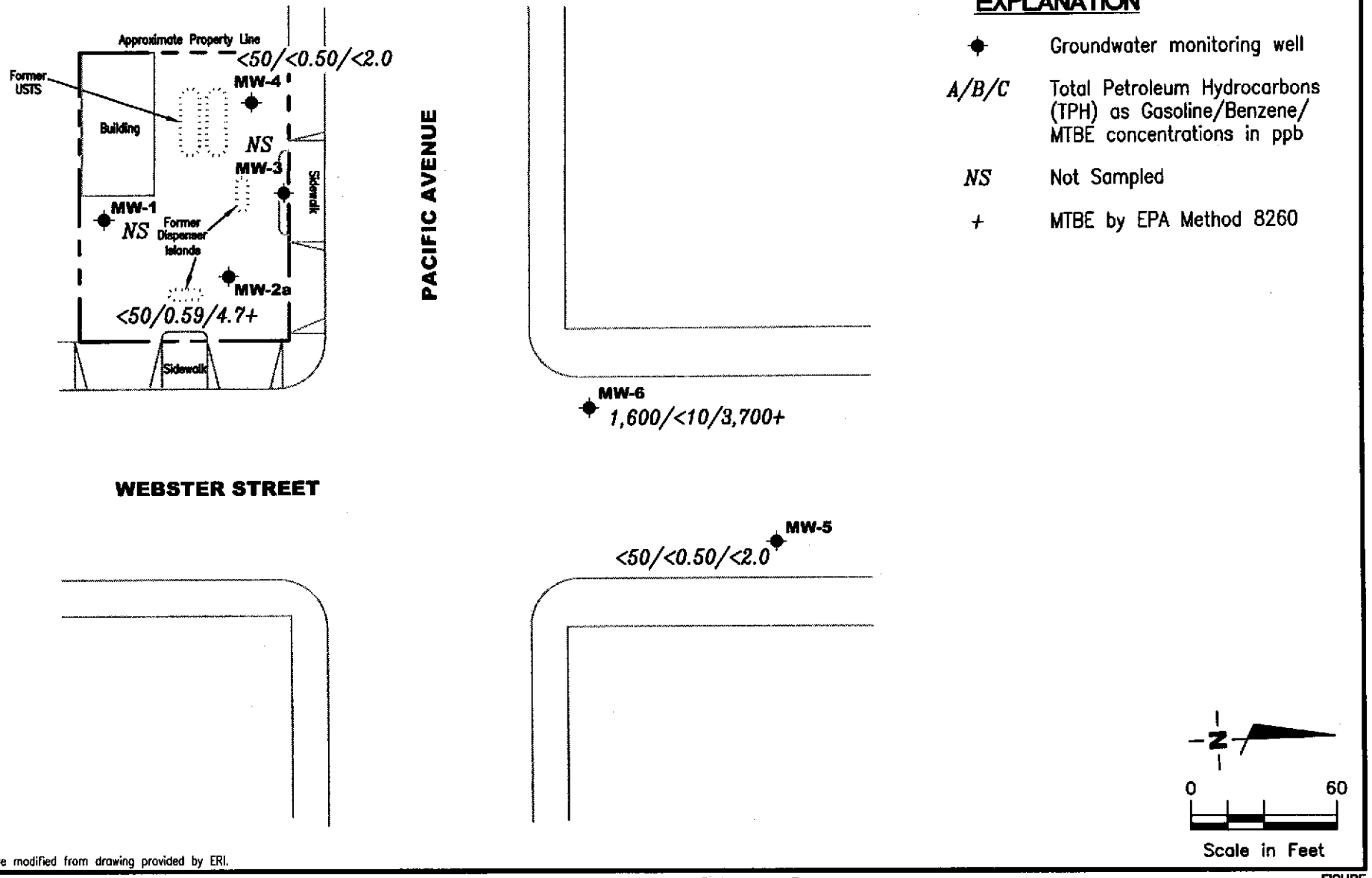
GETTLER - RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568 (925) 551-7555

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

FIGURE
1

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

FILE NAME: P:\ENVIRO\CONOCOPHILLIPS-TOSCO\0843\Q03-0843.DWG | Layout Tab: Pot2



Source: Figure modified from drawing provided by ERI.

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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		June 12, 2003	

FILE NAME: P:\ENVIRO\CONOCOPHILLIPS-TOSCO\0843\Q03-0843.DWG | Layout Tab: Con2

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**	--	--	--	--	--	--
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]
	12/10/01	6.52		9.05	82,000[3]	320	9,100	4,400	16,000	<2,500/270[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		03/11/02	5.51	4.5-20.5	10.06	14,000[3]	75	1,400	1,100	3,600	<250/150[2]
(cont)		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]**
MW-3		03/05/99[1]	--	5.0-20.0	--	135[3]	ND	ND	ND	4.84	2.46[2]
15.11		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**	--	--	--	--	--	--

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**
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**
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]**
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
		03/17/01	--		--	ND	ND	ND	ND	ND	ND
		05/23/01	--		--	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		09/24/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0
(cont)		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
QA		09/03/02	--		--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
		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**

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.

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**
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	--	--	--	--	--

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	08/29/00	--	--	3.2	--	--	--	--	--
(cont)	12/10/01	<7,100	<290	1,300	<14	<14	<14	<14	<14
	12/12/02	<500	<100	3.3	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5	12/14/99	--	--	3.8	--	--	--	--	--
	12/12/02								
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**

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 analyzsis 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: 6.12.03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-1 Date Monitored: 6-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 20.02 ft.
Depth to Water 6.10 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: sheen ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Product Transferred to: ____

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

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

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)

COMMENTS: MW 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: 6-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-2a Date Monitored: 6-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 10.55 ft.
Depth to Water 6.08 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

4.47 xVF 0.17 = 0.76 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): 0842 Weather Conditions: Overcast
Sample Time/Date: 0902 6-12-03 Water Color: clear Odor: none
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)	D.O. (mg/L)	ORP (mV)
0850	1	7.49	10.12	63.1		
0853	2	7.57	11.02	63.6		
0855	2.5	7.56	11.04	63.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2a	5 x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)
					(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: 6-12-03 (inclusive)
City: Alameda, CA Sampler: JDC

Well ID MW-3 Date Monitored: 6-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 19.40 ft.
Depth to Water 5.51 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 (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
	x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)

COMMENTS: M. on'y

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: 6-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-4 Date Monitored: 6-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 19.75 ft.
Depth to Water 5.60 ft.
14.15 xVF 0.17 = 2.41 x3 (case volume) = Estimated Purge Volume: 7.5 gal.

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

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): 0818 Weather Conditions: Foggy
Sample Time/Date: 0830 / 6-12-03 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)
0816	2.5	7.10	9.31	71.1		
0818	5	7.18	9.44	71.4		
0820	7.5	7.12	9.56	71.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)

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: 6-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-5 Date Monitored: 6-12-03 Well Condition: O.K
Well Diameter 2 in.
Total Depth 20.25 ft.
Depth to Water 5.24 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

15.01 xVF 0.17 = 2.55 x3 (case volume) = Estimated Purge Volume: 8 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: Foggy
Sample Time/Date: 0753 / 6-12-03 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) X1000	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0742	3	7.91	9.31	72.0		
0744	6	7.66	9.42	71.9		
0747	8	7.60	8.51	72.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)

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: 6-12-03 (inclusive)
City: Alameda, CA Sampler: Joe

Well ID MW-6 Date Monitored: 6-12-03 Well Condition: O.K.
Well Diameter 2 in.
Total Depth 20.15 ft.
Depth to Water 5.38 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

14.77 xVF 0.17 = 2.51 x3 (case volume) = Estimated Purge Volume: 8 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): 0916 Weather Conditions: Foggy
Sample Time/Date: 0940 / 6-12-03 Water Color: clear Odor: faint
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	3.5	7.33	5.95	73.1		
0927	5	7.20	6.16	72.4		
0930	8	7.38	6.25	72.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	SEQUOIA	TPH-G(8015)/BTEX/MTBE(8021)

COMMENTS:

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

Gettler-Ryan Inc., Chain of Custody

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: 180203.80 Client Contact: MR. DAVID B. DEWITT Phone: 916-558-7666	Laboratory Name: SEQUOIA Consultant: GETTLER-RYAN, INC. DEANNA L. HARDING Address: 6747 SIERRA CT., SUITE J, DUBLIN CA 94568 Phone: (925) 551-7555 Fax: (925) 551-7899 Samples Collected by: JOE AJEMIAN

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	HVOC'S (8010) EPA 8021B	VOC'S (8240) EPA 8260	SVOC'S EPA 8270					Remarks
														S306233-01								5° in WC
QA	1	W	HCl	6-12-03	✓					✓						-02						Run 8 Oxy's by 8260 on all 8021 MTBE hits.
MW-2a	5	"	"	" 0902	✓											-03						
MW-4	3	"	"	" 0830	✓											-04						
MW-5	3	"	"	" 0753	✓											-05						
MW-6	3	"	"	" 0940	✓																	

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

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
[signature]		1315 6-12-03	JC Pimentel	Source LLC	6/12/3 1:15 pm	Iced Y/N
JC Pimentel	Source 1 LLC	6/12/3 4pm	Ron Herman	WORLD COURIER	6/12/03 1600	Iced Y/N
Ron Herman	WORLD COURIER	6/12/03 1825	Received For Laboratory By (Signature): [signature]		6/12/03 18:25	Iced Y/N

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

SEQ EQMH 6/16/03 1135 Received by: Mike Gorin 6/16/03 1525

Claudia Aranda Seq MH 6-16-03 ... 6-17-03 0930. 6.6/7

Erwin Cardenas 6/17/03 1200 2nd 5.3°C

FILE NAME: P:\ENVIRO\...\CHAINCUSTODY\STD-COC.DWG | Layout Tab: Model

Sequoia
Analytical

819 Striker Ave Ste 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.sequoialabs.com

27 June, 2003

Deanna L. Harding
Gettler-Ryan - Dublin
6747 Sierra Court, Ste. J
Dublin, CA 94568

RE: Tosco 0843, Alameda, CA
Sequoia Work Order: S306331

Enclosed are the results of analyses for samples received by the laboratory on 06/12/03 18:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew
Client Services Representative

CA ELAP Certificate #1624

Sequoia Analytical

819 Striker Ave Ste 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.sequoialabs.com

Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QA	S306331-01	Water	06/12/03 00:00	06/12/03 18:25
MW-2a	S306331-02	Water	06/12/03 09:02	06/12/03 18:25
MW-4	S306331-03	Water	06/12/03 08:30	06/12/03 18:25
MW-5	S306331-04	Water	06/12/03 07:53	06/12/03 18:25
MW-6	S306331-05	Water	06/12/03 09:40	06/12/03 18:25

Sequoia Analytical

819 Striker Ave Ste 8
Sacramento, CA 95834
(916) 921-9600
FAX (916) 921-0100
www.sequoialabs.com

Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Gasoline (2-Methylpentane to 1,2,4-Trimethylbenzene) and BTEX by EPA 8015M and 8021B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
QA (S306331-01) Water Sampled: 06/12/03 00:00 Received: 06/12/03 18:25									
Purgeable Hydrocarbons	ND	50	ug/l	1	3060308	06/20/03	06/20/03	EPA 8015/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*103 %*	*60-140*		"	"	"	"	
MW-2a (S306331-02) Water Sampled: 06/12/03 09:02 Received: 06/12/03 18:25									
Purgeable Hydrocarbons	ND	50	ug/l	1	3060308	06/20/03	06/20/03	EPA 8015/8021	
Benzene	**0.59**	0.50	"	"	"	"	"	"	
Toluene	**0.69**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**1.2**	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**6.0**	2.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*60-140*		"	"	"	"	
MW-4 (S306331-03) Water Sampled: 06/12/03 08:30 Received: 06/12/03 18:25									
Purgeable Hydrocarbons	ND	50	ug/l	1	3060308	06/20/03	06/20/03	EPA 8015/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*101 %*	*60-140*		"	"	"	"	

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Gasoline (2-Methylpentane to 1,2,4-Trimethylbenzene) and BTEX by EPA 8015M and 8021B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (S306331-04) Water Sampled: 06/12/03 07:53 Received: 06/12/03 18:25									
Purgeable Hydrocarbons	ND	50	ug/l	1	3060308	06/20/03	06/20/03	EPA 8015/8021	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98 %*	*60-140*		"	"	"	"	
MW-6 (S306331-05) Water Sampled: 06/12/03 09:40 Received: 06/12/03 18:25									
Purgeable Hydrocarbons	**1600**	1000	ug/l	20	3060308	06/20/03	06/20/03	EPA 8015/8021	
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Methyl tert-butyl ether	**5200**	400	"	200	"	"	06/24/03	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*60-140*		"	"	*06/20/03*	"	

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2a (S306331-02) Water Sampled: 06/12/03 09:02 Received: 06/12/03 18:25									
Tert-butyl alcohol	ND	100	ug/l	1	3060355	06/24/03	06/24/03	EPA 8260B	
Methyl tert-butyl ether	**4.7**	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	2.0	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*95 %*	*60-140*		"	"	"	"	
MW-6 (S306331-05) Water Sampled: 06/12/03 09:40 Received: 06/12/03 18:25									
Tert-butyl alcohol	ND	2000	ug/l	20	3060355	06/24/03	06/24/03	EPA 8260B	
Methyl tert-butyl ether	**3700**	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	40	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	40	"	"	"	"	"	"	
Tert-amyl methyl ether	ND	40	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	
1,2-Dichloroethane	ND	40	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	40	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4		*70 %*	*60-140*		"	"	"	"	

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Gettler-Ryan - Dublin 6747 Sierra Court, Ste. J Dublin CA, 94568	Project: Tosco 0843, Alameda, CA Project Number: N/A Project Manager: Deanna L. Harding	S306331 **Reported:** 06/27/03 16:29

Gasoline (2-Methylpentane to 1,2,4-Trimethylbenzene) and BTEX by EPA 8015M and 8021B - Quality Contr

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060308 - EPA 5030B (P/T)										
Blank (3060308-BLK1)				Prepared & Analyzed: 06/20/03						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.0	"							
Surrogate: a,a,a-Trifluorotoluene	*9.45*		"	*10.0*		*94*	*60-140*			
Blank (3060308-BLK2)				Prepared & Analyzed: 06/24/03						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.0	"							
Surrogate: a,a,a-Trifluorotoluene	*9.98*		"	*10.0*		*100*	*60-140*			
Blank (3060308-BLK3)				Prepared & Analyzed: 06/25/03						
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.0	"							
Surrogate: a,a,a-Trifluorotoluene	*9.56*		"	*10.0*		*96*	*60-140*			
Laboratory Control Sample (3060308-BS1)				Prepared & Analyzed: 06/20/03						
Benzene	9.60	0.50	ug/l	10.0		96	70-130			
Toluene	10.1	0.50	"	10.0		101	70-130			
Ethylbenzene	9.96	0.50	"	10.0		100	70-130			
Xylenes (total)	29.9	0.50	"	30.0		100	70-130			
Methyl tert-butyl ether	10.5	2.0	"	10.0		105	70-130			

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Gasoline (2-Methylpentane to 1,2,4-Trimethylbenzene) and BTEX by EPA 8015M and 8021B - Quality Contr

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060308 - EPA 5030B (P/T)										
Laboratory Control Sample (3060308-BS1)				Prepared & Analyzed: 06/20/03						
Surrogate: a,a,a-Trifluorotoluene	*10.2*		*ug/l*	*10.0*		*102*	*60-140*			
Laboratory Control Sample (3060308-BS2)				Prepared & Analyzed: 06/24/03						
Benzene	9.95	0.50	ug/l	10.0		100	70-130			
Toluene	10.4	0.50	"	10.0		104	70-130			
Ethylbenzene	10.3	0.50	"	10.0		103	70-130			
Xylenes (total)	31.0	0.50	"	30.0		103	70-130			
Methyl tert-butyl ether	11.0	2.0	"	10.0		110	70-130			
Surrogate: a,a,a-Trifluorotoluene	*8.75*		*"*	*10.0*		*88*	*60-140*			
Laboratory Control Sample (3060308-BS3)				Prepared & Analyzed: 06/25/03						
Benzene	10.7	0.50	ug/l	10.0		107	70-130			
Toluene	11.3	0.50	"	10.0		113	70-130			
Ethylbenzene	11.1	0.50	"	10.0		111	70-130			
Xylenes (total)	33.3	0.50	"	30.0		111	70-130			
Methyl tert-butyl ether	9.15	2.0	"	10.0		92	70-130			
Surrogate: a,a,a-Trifluorotoluene	*9.83*		*"*	*10.0*		*98*	*60-140*			
Matrix Spike (3060308-MS1)		**Source: S306331-03**		Prepared & Analyzed: 06/20/03						
Benzene	9.74	0.50	ug/l	10.0	ND	97	60-140			
Toluene	10.2	0.50	"	10.0	ND	102	60-140			
Ethylbenzene	10.1	0.50	"	10.0	ND	101	60-140			
Xylenes (total)	30.4	0.50	"	30.0	ND	101	60-140			
Methyl tert-butyl ether	7.99	2.0	"	10.0	ND	80	60-140			
Surrogate: a,a,a-Trifluorotoluene	*9.88*		*"*	*10.0*		*99*	*60-140*			
Matrix Spike Dup (3060308-MSD1)		**Source: S306331-03**		Prepared & Analyzed: 06/20/03						
Benzene	9.82	0.50	ug/l	10.0	ND	98	60-140	0.8	25	
Toluene	10.4	0.50	"	10.0	ND	104	60-140	2	25	
Ethylbenzene	9.92	0.50	"	10.0	ND	99	60-140	2	25	
Xylenes (total)	29.9	0.50	"	30.0	ND	100	60-140	2	25	

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Gasoline (2-Methylpentane to 1,2,4-Trimethylbenzene) and BTEX by EPA 8015M and 8021B - Quality Contr

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060308 - EPA 5030B (P/T)										
Matrix Spike Dup (3060308-MSD1)	**Source: S306331-03**			Prepared & Analyzed: 06/20/03						
Methyl tert-butyl ether	7.49	2.0	ug/l	10.0	ND	75	60-140	6	25	
Surrogate: a,a,a-Trifluorotoluene	*9.61*		"	*10.0*		*96*	*60-140*			

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060355 - EPA 5030B [P/T]										
Blank (3060355-BLK1)				Prepared & Analyzed: 06/24/03						
Tert-butyl alcohol	ND	100	ug/l							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
Ethanol	ND	500	"							
1,2-Dichloroethane	ND	2.0	"							
1,2-Dibromoethane (EDB)	ND	2.0	"							
Surrogate: 1,2-DCA-d4	*26.1*		"	*25.0*		*104*	*60-140*			
Blank (3060355-BLK2)				Prepared & Analyzed: 06/25/03						
Tert-butyl alcohol	ND	100	ug/l							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
Tert-amyl methyl ether	ND	2.0	"							
Ethanol	ND	500	"							
1,2-Dichloroethane	ND	2.0	"							
1,2-Dibromoethane (EDB)	ND	2.0	"							
Surrogate: 1,2-DCA-d4	*22.0*		"	*25.0*		*88*	*60-140*			
Laboratory Control Sample (3060355-BS1)				Prepared & Analyzed: 06/24/03						
Methyl tert-butyl ether	21.7	2.0	ug/l	22.4		97	60-140			
Surrogate: 1,2-DCA-d4	*30.1*		"	*25.0*		*120*	*60-140*			
Laboratory Control Sample (3060355-BS2)				Prepared & Analyzed: 06/25/03						
Methyl tert-butyl ether	25.0	2.0	ug/l	22.4		112	60-140			
Surrogate: 1,2-DCA-d4	*28.6*		"	*25.0*		*114*	*60-140*			

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Gettler-Ryan - Dublin 6747 Sierra Court, Ste. J Dublin CA, 94568	Project: Tosco 0843, Alameda, CA Project Number: N/A Project Manager: Deanna L. Harding	S306331 **Reported:** 06/27/03 16:29

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060355 - EPA 5030B [P/T]										
Matrix Spike (3060355-MS1)	**Source: S306336-03**			Prepared: 06/24/03 Analyzed: 06/25/03						
Methyl tert-butyl ether	28.3	2.0	ug/l	22.4	1.8	118	60-140			
Surrogate: 1,2-DCA-d4	*28.4*		"	*25.0*		*114*	*60-140*			
Matrix Spike Dup (3060355-MSD1)	**Source: S306336-03**			Prepared: 06/24/03 Analyzed: 06/25/03						
Methyl tert-butyl ether	22.2	2.0	ug/l	22.4	1.8	91	60-140	24	25	
Surrogate: 1,2-DCA-d4	*26.0*		"	*25.0*		*104*	*60-140*			

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Gettler-Ryan - Dublin	Project: Tosco 0843, Alameda, CA	S306331
6747 Sierra Court, Ste. J	Project Number: N/A	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06/27/03 16:29

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference