



GETTLER-RYAN Inc.

TRANSMITTAL

Alameda County

APR 01 2003

March 12, 2003

G-R #386346

Environmental Health

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
2680 Bishop Drive, Suite 290
San Ramon, CA 94583

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

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

RE: **Chevron Service Station**
#9-8341
3530 MacArthur Boulevard
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 10, 2003	Groundwater Monitoring and Sampling Report First Quarter - Event of February 3, 2003

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **March 26, 2003**, at which time the final report will be distributed to the following:

cc: Mr. Don Hwang, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay St., Suite 1400, Oakland, CA 94612

Enclosures



GETTLER - RYAN INC.

March 10, 2003
G-R Job #386346

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: First Quarter Event of February 3, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

Dear Ms. Streich:

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 the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations and separate-phase hydrocarbon thickness (if any) are presented in the attached 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. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

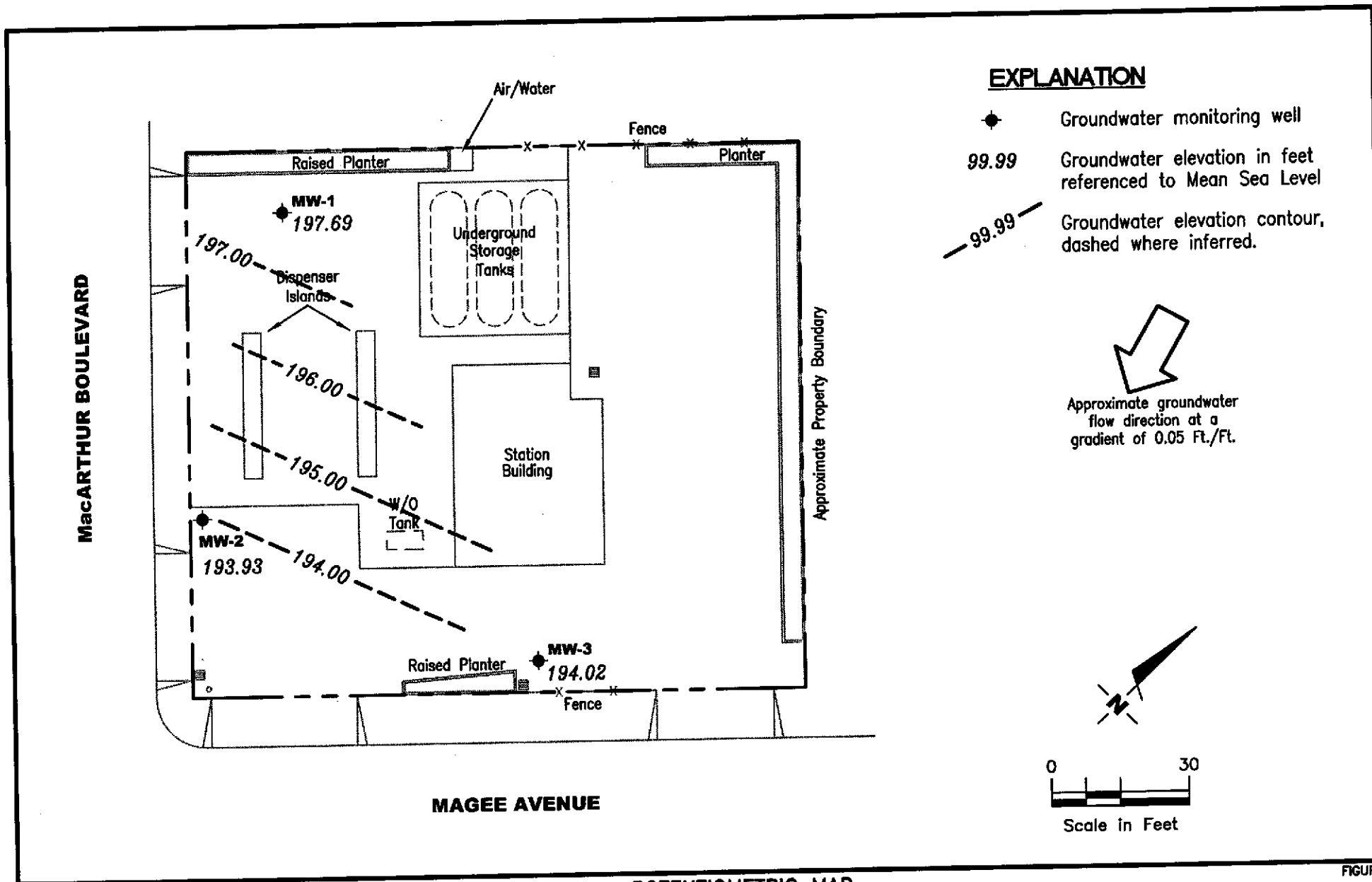
Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285



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



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

POTENTIOMETRIC MAP
 Chevron Service Station #9-8341
 3530 MacArthur Boulevard
 Oakland, California

FIGURE
1

JOB NUMBER
386346

REVIEWED BY

DATE
 February 3, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									ND
04/04/96	202.47	198.65	3.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/01/96	202.47	197.45	5.02	<50	<0.5	<0.5	<0.5	<0.5	14
01/06/97	202.47	199.72	2.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/97	202.47	197.71	4.76	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	202.47	196.72	5.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	202.47	196.97	5.50	<50	<0.5	<0.5	<0.5	<0.5	94
02/04/98	202.47	199.80	2.67	<50	4.2	<0.5	<0.5	<0.5	<2.5
04/03/98	202.47	197.06	5.41	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	202.47	192.26	10.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	202.47	195.66	6.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	202.47	196.05	6.42	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	202.47	197.13	5.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/22/99	202.47	196.97	5.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/99	202.47	196.43	6.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/21/00	202.47	197.11	5.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	202.47	197.60	4.87	<50	<0.50	<0.50	<0.50	<0.50	<2.50
07/12/00	202.47	197.05	5.42	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	202.47	196.79	5.68	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	202.47	197.30	5.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/05/01	202.47	197.83	4.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	202.47	197.29	5.18	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/01	202.47	197.65	4.82	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	202.47	197.68	4.79	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/02	202.47	197.55	4.92	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/02/02	202.47	197.36	5.11	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/11/02	202.47	197.40	5.07	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	202.47	197.69	4.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-2									
04/04/96	198.88	196.07	2.81	<50	<0.5	<0.5	<0.5	<0.5	6,100
11/01/96	198.88	195.27	3.61	<500	<5.0	<5.0	<5.0	<5.0	2,600
01/06/97	198.88	195.97	2.91	<2,000	31	<20	<20	<20	4,000

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)									
04/14/97	198.88	195.43	3.45	<2,000	<20	<20	<20	<20	5,100/5,800 ¹
07/17/97	198.88	194.98	3.90	<500	<5.0	<5.0	<5.0	<5.0	2,300/2,900 ¹
10/29/97	198.88	192.96	5.92	120 ²	12	<0.5	<0.5	<0.5	810/900 ¹
02/04/98	198.88	195.05	3.83	<1,000	<10	<10	<10	<10	2,100/2,800 ¹
04/03/98	198.88	191.55	7.33	<1,000	<10	<10	<10	<10	3,800/3,600 ¹
07/29/98	198.88	189.86	9.02	120 ³	<0.5	<0.5	<0.5	<0.5	2,800/3,900 ¹
10/26/98	198.88	192.77	6.11	<50	<0.5	<0.5	<0.5	<0.5	1,200
01/18/99	198.88	194.67	4.21	<1,000	<10	<10	<10	10.5	2,530
04/15/99	198.88	194.56	4.32	<50	<0.5	<0.5	<0.5	<0.5	5,270
07/22/99	198.88	193.73	5.15	<50	8.92	<0.5	<0.5	<0.5	1,450
10/13/99	198.88	192.23	6.65	<250	<2.5	<2.5	<2.5	<2.5	1,740
01/21/00	198.88	192.78	6.10	69.6	<0.5	<0.5	<0.5	<0.5	1,110
04/10/00	198.88	194.42	4.46	<500	<5.0	<5.0	<5.0	<5.0	1,700
07/12/00	198.88	195.24	3.64	<50.0	<0.500	<0.500	<0.500	<0.500	187
10/05/00	198.88	194.06	4.82	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	198.88	195.17	3.71	<50	<0.50	<0.50	<0.50	<0.50	1,800
04/05/01	198.88	192.94	5.94	<50	<0.50	<0.50	<0.50	<0.50	5,500
08/20/01	198.88	193.18	5.70	<50	<0.50	<0.50	<0.50	<0.50	2,000
11/26/01	198.88	193.55	5.33	<50	<0.50	<0.50	<0.50	<1.5	990
02/14/02	198.88	194.42	4.46	58	<0.50	<0.50	<0.50	<1.5	1,200
05/07/02	198.88	194.49	4.39	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/02/02	198.88	194.81	4.07	<50	<0.50	<0.50	<0.50	<1.5	490
11/11/02	198.88	194.76	4.12	<50	<0.50	<0.50	<0.50	<1.5	470
02/03/03	198.88	193.93	4.95	<50	<0.50	<0.50	<0.50	<1.5	690
MW-3									
04/04/96	199.10	195.22	3.88	<50	<0.5	<0.5	<0.5	<0.5	ND
11/01/96	199.10	194.91	4.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/06/97	199.10	195.29	3.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/97	199.10	194.93	4.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	199.10	194.92	4.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	199.10	193.90	5.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)									
02/04/98	199.10	194.71	4.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/98	199.10	195.78	3.32	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	199.10	189.24	9.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	199.10	193.59	5.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	199.10	194.68	4.42	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	199.10	194.54	4.56	<50	<0.5	<0.5	<0.5	1.16	<5.0
07/22/99	199.10	192.45	6.65	<50	<0.5	<0.5	<0.5	<0.5	3.94
10/13/99	199.10	193.79	5.31	<50	<0.5	<0.5	<0.5	<0.5	6.55
01/21/00	199.10	193.18	5.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	199.10	194.32	4.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/12/00	199.10	193.86	5.24	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	199.10	195.17	3.93	<50.0	<0.500	<0.500	<0.500	<0.500	39.7
01/05/01	199.10	194.85	4.25	<50	<0.50	<0.50	<0.50	<0.50	2.9
04/05/01	199.10	194.72	4.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	199.10	194.35	4.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/01	199.10	193.60	5.50	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	199.10	194.82	4.28	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/02	199.10	194.58	4.52	85	<0.50	<0.50	<0.50	<1.5	610
08/02/02	199.10	194.72	4.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/11/02	199.10	195.04	4.06	<50	<0.50	<0.50	<0.50	<1.5	4.5
02/03/03	199.10	194.02	5.08	<50	<0.50	<0.50	<0.50	<1.5	<2.5
TRIP BLANK									
11/01/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/06/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/04/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)									
01/18/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/22/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/21/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/12/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA									
11/26/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/07/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/02/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/11/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and analytical results prior to April 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

ND = Not Detected

-- = Not Measured/Not Analyzed

(ppb) = Parts per billion

QA = Quality Assurance/Trip Blank

¹ Confirmation run.

² Chromatogram report indicates an unidentified hydrocarbon and gas.

³ Chromatogram report indicates an unidentified hydrocarbon.

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, 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. Temperature, pH and electrical conductivity are measured 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. 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 Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 2-3-03 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-1 Date Monitored: 2-3-03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 26.85 ft.
 Depth to Water: 4.78 ft.

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

22.07 xVF 0.17 = 3.75 x3 (case volume) = Estimated Purge Volume: 11.25 gal.

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

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

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

Start Time (purge): 1255 Weather Conditions: clear
 1320 - Sample Time/Date: 1320 12-3-03 Water Color: clear Odor: No
 Purging Flow Rate: 2 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (S/F)	D.O. (mg/L)	ORP (mV)
<u>1257</u>	<u>3.75</u>	<u>8.53</u>	<u>511</u>	<u>22.2</u>	_____	_____
<u>1259</u>	<u>7.5</u>	<u>7.94</u>	<u>465</u>	<u>18.8</u>	_____	_____
<u>1308</u>	<u>11.25</u>	<u>7.40</u>	<u>512</u>	<u>18.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 2.3.03 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-2 Date Monitored: 2.3.03 Well Condition: See comment

Well Diameter: 2 in.

Total Depth: 33.15 ft.

Depth to Water: 4.95 ft.

28.20 xVF 0.17 = 4.79 x3 (case volume) = Estimated Purge Volume: 14.38 gal.

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

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump ✓
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:

Disposable Bailer ✓
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1358 Weather Conditions: clear
 Sample Time/Date: 1400/2.3.03 Water Color: cloudy Odor: No
 Purging Flow Rate: 2 gpm. Sediment Description: _____
 Did well de-water? No If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1401</u>	<u>4.75</u>	<u>7.40</u>	<u>613</u>	<u>20.6</u>		
<u>1403</u>	<u>9.5</u>	<u>7.23</u>	<u>616</u>	<u>20.3</u>		
<u>1406</u>	<u>14.5</u>	<u>7.31</u>	<u>594</u>	<u>21.0</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Unable to replace bolts, threading is most likely stripped.

Add/Replaced Lock: ✓

Add/Replaced Plug: _____ Size: ✓



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-8341 Job Number: 386346
 Site Address: 3530 Macarthur Blvd. Event Date: 2-3-03 (inclusive)
 City: Oakland, CA Sampler: K. Kelly

Well ID: MW-3 Date Monitored: 2-3-03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 32.25 ft.
 Depth to Water: 5.08 ft.
27.17 xVF 0.17 = 4.61 x3 (case volume) = Estimated Purge Volume: 1385 gal.

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

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

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

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

Start Time (purge): 1332 Weather Conditions: Clear
 Sample Time/Date: 1348 2-3-03 Water Color: Clear Odor: No
 Purging Flow Rate: 2.0 gpm. Sediment Description: Silt
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1335</u>	<u>4.5</u>	<u>7.52</u>	<u>507</u>	<u>18.6</u>	_____	_____
<u>1338</u>	<u>9.0</u>	<u>7.73</u>	<u>496</u>	<u>17.6</u>	_____	_____
<u>1341</u>	<u>14.0</u>	<u>7.58</u>	<u>504</u>	<u>18.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



020503-012 Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 3990409-11

SCR#:

gr # 840463

Facility #: 9-8341 Job #386346 Global ID#10600101790
 Site Address: 3530 MACARTHUR BLVD., OAKLAND, CA
 Chevron PM: KS Lead Consultant: CAMBRIA
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: Kristina Kelly
 Service Order #: Non SAR:

Matrix		Total Number of Containers	Analyses Requested														
Potable	Water		Preservation Codes														
<input type="checkbox"/> NPDES	<input type="checkbox"/> Air		H	H													
<input type="checkbox"/>	<input type="checkbox"/>		BTEX + MTBE 8260	8021													
<input type="checkbox"/>	<input type="checkbox"/>	2	TPH 8015 MOD GRO														
<input type="checkbox"/>	<input type="checkbox"/>	3	TPH 8015 MOD DRO														
<input type="checkbox"/>	<input type="checkbox"/>	3	8260 full scan														
<input type="checkbox"/>	<input type="checkbox"/>		Oxygenates														
<input type="checkbox"/>	<input type="checkbox"/>		Lead 7420	7421													

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy s on highest hit
 Run ___ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air
QA	2-3-03							
MW-1	↓	1320	X			↓		
MW-2	↓	1420	X			↓		
MW-3	↓	1348	X			↓		

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I — Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <i>Kristina Kelly</i>	Date: 2/5/03	Time:	Received by: <i>D Vance</i>	Date: 2/5/03	Time: 1215
Relinquished by: <i>D Vance</i>	Date: 2/5/03	Time: 1315	Received by: <i>Bernard Amey</i>	Date: 2/5/03	Time: 1355
Relinquished by: <i>Bernard Amey</i>	Date: 2/5/03	Time: 1630	Received by: <i>Airborne</i>	Date: 2/5/03	Time:
Relinquished by Commercial Carrier: UPS FedEx Other <u>Airborne</u>	Temperature Upon Receipt: <u>33°C, 22°C</u>		Received by: <i>Kathy Binkley</i>	Date: 2/6/03	Time: 0930
			Custody Seals Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>	(N/A)	



RECEIVED

FEB 24 2003

GETTLER-RYAN INC.
GENERAL CONTACTORS

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 840468. Samples arrived at the laboratory on Thursday, February 06, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-030203	NA	Water	3990408
MW-1-W-030203	Grab	Water	3990409
MW-2-W-030203	Grab	Water	3990410
MW-3-W-030203	Grab	Water	3990411

1 COPY TO

Cambria C/O Gettler-Ryan

Attn: Deanna L. Harding

Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chemist





Lancaster Laboratories Sample No. WW 3990408

Collected: 02/03/2003 00:00

Account Number: 10904

Submitted: 02/06/2003 09:15

ChevronTexaco

Reported: 02/19/2003 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 03/22/2003

San Ramon CA 94583

QA-T-030203

NA Water

Facility# 98341

Job# 386346

GRD

3530 Macarthur Blvd

T0600101790 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/07/2003 09:35	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 09:35	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 09:35	Linda C Pape	n.a.





Lancaster Laboratories Sample No. **WW 3990409**

Collected: 02/03/2003 13:20 by **KK**

Account Number: 10904

Submitted: 02/06/2003 09:15
 Reported: 02/19/2003 at 17:19
 Discard: 03/22/2003

ChevronTexaco
 6001 Bollinger Canyon Rd L4310

MW-1-W-030203 Grab Water
 Facility# 98341 Job# 386346 GRD
 3530 Macarthur Blvd T0600101790 MW-1

San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/07/2003 11:45	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 11:45	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 11:45	Linda C Pape	n.a.



Lancaster Laboratories Sample No. WW 3990410

Collected: 02/03/2003 14:20 by KK

Account Number: 10904

Submitted: 02/06/2003 09:15

Reported: 02/19/2003 at 17:19

ChevronTexaco

6001 Bollinger Canyon Rd L4310

Discard: 03/22/2003

MW-2-W-030203

Grab Water

San Ramon CA 94583

Facility# 98341

Job# 386346

GRD

3530 Macarthur Blvd

T0600101790 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	690.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/07/2003 12:18	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 12:18	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 12:18	Linda C Pape	n.a.





Lancaster Laboratories Sample No. WW 3990411

Collected: 02/03/2003 13:48 by KK

Account Number: 10904

Submitted: 02/06/2003 09:15

ChevronTexaco

Reported: 02/19/2003 at 17:19

6001 Bollinger Canyon Rd L4310

Discard: 03/22/2003

MW-3-W-030203

Grab Water

San Ramon CA 94583

Facility# 98341

Job# 386346

GRD

3530 Macarthur Blvd

T0600101790 MW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/07/2003 12:50	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 12:50	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 12:50	Linda C Pape	n.a.





Alameda County

APR 01 2003

Environmental Health

Page 1 of 1

Quality Control Summary

Client Name: ChevronTexaco
Reported: 02/19/03 at 05:19 PM

Group Number: 840468

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 03037A51A	Sample number(s): 3990408-3990411							
TPH-GRO - Waters	N.D.	50.	ug/l	100	109	70-130	9	30
Benzene	N.D.	.5	ug/l	95	97	80-118	2	30
Toluene	N.D.	.5	ug/l	94	95	82-119	1	30
Ethylbenzene	N.D.	.5	ug/l	92	93	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	95	95	82-120	0	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	91	90	79-127	1	30

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD Max</u>
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>
Batch number: 03037A51A	Sample number(s): 3990408-3990411							
TPH-GRO - Waters	88		70-130					
Benzene	92		67-136					
Toluene	89		78-129					
Ethylbenzene	86		75-133					
Total Xylenes	87		86-132					
Methyl tert-Butyl Ether	84		66-136					

Surrogate Quality Control

Analysis Name: BTEX, MTBE
Batch number: 03037A51A

	Trifluorotoluene-F	Trifluorotoluene-P
3990408	98	91
3990409	96	91
3990410	97	94
3990411	97	91
Blank	97	90
LCS	97	91
LCSD	99	92
MS	97	92
Limits:	57-146	66-136

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

