

Environmental Management
Company
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J. Mark Inglis
Project Manager

Ro 2435

ChevronTexaco

June 7, 2005

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station # 9-3600

Address: 2200 Telegraph Avenue, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated May 19, 2005.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,


J. Mark Inglis
Project Manager

Enclosure: Report

Alameda County
JUN 03 2005
Environmental Services



GETTLER-RYAN INC.

TRANSMITTAL

May 19, 2005
G-R #386895

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, California 94608

CC: Mr. Mark Inglis
ChevronTexaco Company
P.O. Box 6012, Room K2256
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
#9-3600
2200 Telegraph Avenue
Oakland, California
RO 0002435**

Environmental Research
June 9, 2005
Library

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	May 19, 2005	Groundwater Monitoring and Sampling Report Second Quarter - Event of April 14, 2005

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 **June 6, 2005**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Yichin Hwang, (Property Owner), 2200 Telegraph Avenue, Oakland, CA 94612

Enclosures

trans/9-3600-MI



GETTLER - RYAN INC.

May 19, 2005
G-R Job #386895

Mr. Mark Inglis
ChevronTexaco Company
P.O. Box 6012, Room K2256
San Ramon, CA 94583

RE: Second Quarter Event of April 14, 2005
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

Dear Mr. Inglis:

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.

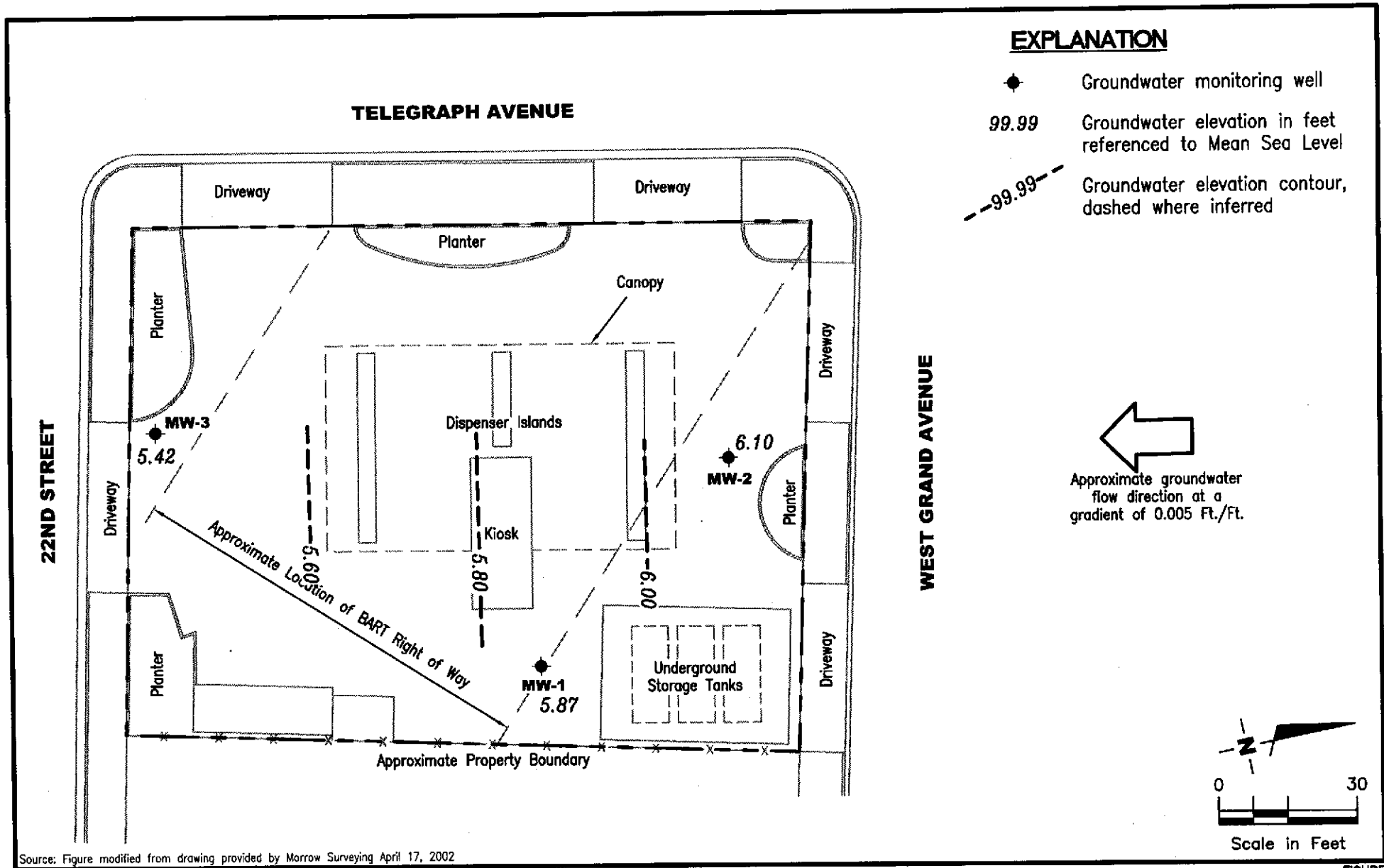
Sincerely,

Deanna L. Harding
Project Coordinator

Robert A. Lauritzen
Senior Geologist, P.G. No. 7504



- Figure 1: Potentiometric 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



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

POTENTIOMETRIC MAP
 Chevron Service Station #9-3600
 2200 Telegraph Avenue
 Oakland, California

FIGURE

1

PROJECT NUMBER
 386895

REVIEWED BY

DATE
 April 14, 2005

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC* (fl.)	DTW (fl.)	GWE (fl.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									
04/05/02 ¹	17.07	11.68	5.39	2,000	5.0	<1.0	14	8.4	310/370 ²
07/01/02	17.07	12.01	5.06	2,000	8.9	<1.0	97	31	370/420 ²
10/08/02	17.07	12.20	4.87	1,400	9.2	<10	75	20	440/360 ²
01/11/03	17.07	11.13	5.94	1,600	7.1	0.51	53	13	280/270 ²
04/01/03	17.07	11.53	5.54	1,800	5.2	0.6	25	9.1	210/210 ²
07/01/03 ³	17.07	11.95	5.12	2,000	4	<0.5	31	12	170
10/02/03 ³	17.07	12.25	4.82	480	<5	<5	<5	<5	9,800
01/05/04 ³	17.07	11.05	6.02	1,700	3	<0.5	27	4	140
04/05/04 ³	17.07	11.63	5.44	1,500	2	<0.5	21	0.6	120
07/01/04 ³	17.07	12.08	4.99	1,500	1	<0.5	3	<0.5	130
10/05/04 ³	17.07	12.21	4.86	1,400	<0.5	<0.5	1	0.5	130
01/04/05 ³	17.07	11.15	5.92	1,500	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	17.07	11.20	5.87	2,100	<0.5	<0.5	4	0.5	61
MW-2									
04/05/02 ¹	16.82	11.17	5.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
07/01/02	16.82	11.36	5.46	<50	<0.50	0.57	0.52	<1.5	<2.5/<2 ²
10/08/02	16.82	11.57	5.25	<100	<2.0	<2.0	<2.0	<5.0	<10/<2 ²
01/11/03	16.82	10.94	5.88	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
04/01/03	16.82	11.03	5.79	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ²
07/01/03 ³	16.82	11.30	5.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03 ³	16.82	11.63	5.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	16.82	10.82	6.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	16.82	11.21	5.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04 ³	16.82	11.46	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/05/04 ³	16.82	11.57	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	16.82	10.87	5.95	<50	0.5	<0.5	8	0.9	87
04/14/05 ³	16.82	10.72	6.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3									
04/05/02 ¹	16.52	11.29	5.23	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2 ²
07/01/02	16.52	11.55	4.97	<50	<0.50	0.60	<0.50	<1.5	<2.5/<2 ²
10/08/02	16.52	11.62	4.90	<100	<2.0	<2.0	<2.0	<5.0	<10/<2 ²
01/11/03	16.52	11.09	5.43	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
04/01/03	16.52	11.25	5.27	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ²
07/01/03 ³	16.52	11.42	5.10	<50	<0.5	<0.5	<0.5	<0.5	2
10/02/03 ³	16.52	11.74	4.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	16.52	11.06	5.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	16.52	11.40	5.12	<50	<0.5	<0.5	<0.5	<0.5	0.6
07/01/04 ³	16.52	11.58	4.94	<50	<0.5	<0.5	<0.5	<0.5	0.8
10/05/04 ³	16.52	11.60	4.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	16.52	10.95	5.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5
TRIP BLANK									
QA									
04/05/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/08/02	--	--	--	<100	<2.0	<2.0	<2.0	<5.0	<10
01/11/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
07/01/03 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

EXPLANATIONS:

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on April 17, 2002, by Morrow Surveying. The elevations are based on a City of Oakland Benchmark No. 37JC, (Benchmark Elevation = 17.68 Feet).

¹ Well development performed.

² MTBE by EPA Method 8260.

³ BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1	04/05/02	--	200	370	<2	<2	10
	07/01/02	--	190	420	<2	<2	9
	10/08/02	--	110	360	<2	<2	8
	01/11/03	--	<100	270	<2	<2	7
	04/01/03	--	22	210	<0.5	<0.5	5
	07/01/03	<50	26	170	<0.5	<0.5	5
	10/02/03	<500	2,600	9,800	<5	<5	6
	01/05/04	<50	21	140	<0.5	<0.5	3
	04/05/04	<50	17	120	<0.5	<0.5	3
	07/01/04	<50	13	130	<0.5	<0.5	2
	10/05/04	<50	14	130	<0.5	<0.5	2
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	15	61	<0.5	<0.5	1
MW-2	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2
	10/08/02	--	<100	<2	<2	<2	<2
	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	--	<5	<0.5	<0.5	<0.5	<0.5
	07/01/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/01/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/04/05	<50	14	87	<0.5	<0.5	2
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5
MW-3	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-3600
 2200 Telegraph Avenue
 Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-3	10/08/02	--	<100	<2	<2	<2	<2
(cont)	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	--	<5	<0.5	<0.5	<0.5	<0.5
	07/01/03	<50	<5	2	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	0.6	<0.5	<0.5	<0.5
	07/01/04	<50	<5	0.8	<0.5	<0.5	<0.5
	10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, 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
(ppb) = Parts per billion
-- = Not Analyzed

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, 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 ChevronTexaco 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 #9-3600 Job Number: 386895
 Site Address: 2200 Telegraph Avenue Event Date: 4-14-05 (inclusive)
 City: Oakland, CA Sampler: Joc

Well ID: MW-1 Date Monitored: 4-14-05 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 20.29 ft.

Depth to Water: 11.20 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

9.09 xVF 0.17 = 1.55 x3 case volume= Estimated Purge Volume: 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 Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0.2 ft
 Visual Confirmation/Description: _____

Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____ gal
 Product Transferred to: _____

Start Time (purge): 0930 Weather Conditions: clear
 Sample Time/Date: 1005 14-14-05 Water Color: clear Odor: yes
 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/E)	D.O. (mg/L)	ORP (mV)
<u>0947</u>	<u>1.5</u>	<u>6.36</u>	<u>1510</u>	<u>63.2</u>	_____	_____
<u>0951</u>	<u>3</u>	<u>6.47</u>	<u>1468</u>	<u>63.8</u>	_____	_____
<u>0955</u>	<u>5</u>	<u>6.51</u>	<u>1474</u>	<u>63.5</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3600 Job Number: 386895
 Site Address: 2200 Telegraph Avenue Event Date: 4-14-05 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-2 Date Monitored: 4-14-05 Well Condition: 0.1c
 Well Diameter: 2 in.
 Total Depth: 20.26 ft.
 Depth to Water: 10.72 ft.
 Volume Factor (VF) table:

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

 $9.54 \times VF \ 0.17 = 1.62$ x3 case volume = Estimated Purge Volume: 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 Completed: _____ (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
 Water Removed: _____ gal
 Product Transferred to: _____

Start Time (purge): 0820 Weather Conditions: clear
 Sample Time/Date: 0846 4-14-05 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)
<u>0829</u>	<u>1.5</u>	<u>7.39</u>	<u>1318</u>	<u>63.0</u>	_____	_____
<u>0834</u>	<u>3</u>	<u>7.42</u>	<u>1314</u>	<u>63.8</u>	_____	_____
<u>0838</u>	<u>5</u>	<u>7.50</u>	<u>1296</u>	<u>63.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>6</u> x vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3600
 Site Address: 2200 Telegraph Avenue
 City: Oakland, CA

Job Number: 386895
 Event Date: 4-14-05 (inclusive)
 Sampler: SOC

Well ID: MW-3 Date Monitored: 4-14-05 Well Condition: o.k.
 Well Diameter: 2 in.
 Total Depth: 20.20 ft.
 Depth to Water: 11.10 ft.
9.10 xVF 0.17 = 1.55 x3 case volume = Estimated Purge Volume: 5 gal.

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

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

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

Time Started: _____ (2400 hrs)
 Time Completed: _____ (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
 Water Removed: _____ gal
 Product Transferred to: _____

Start Time (purge): 0855 Weather Conditions: Clear
 Sample Time/Date: 0925 14-14-05 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 (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0906</u>	<u>1.5</u>	<u>7.07</u>	<u>1414</u>	<u>63.4</u>	_____	_____
<u>0910</u>	<u>3</u>	<u>7.29</u>	<u>1457</u>	<u>63.6</u>	_____	_____
<u>0914</u>	<u>5</u>	<u>7.35</u>	<u>1456</u>	<u>63.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



041405-02

Acct. #: 10904

610 # 939586
For Lancaster Laboratories use only
Sample #: 4504102-05

SCR#:

Facility #: <u>SS#9-3600-OML G-R#386895 Global ID#T0600161613</u> Site Address: <u>2200 TELEGRAPH AVENUE, OAKLAND, CA</u> Chevron PM: <u>MI</u> Lead Consultant: <u>CAMBRIARF</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>JOE ASEMIAN</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____				Analyses Requested		Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits																																																																																																					
Matrix Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Air <input type="checkbox"/> Soil <input type="checkbox"/> Composite <input type="checkbox"/>				Preservation Codes H <input type="checkbox"/> N <input type="checkbox"/> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> 8280 full scan <input type="checkbox"/> S Oxygenates + Ethand (P200) <input checked="" type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>		Total Number of Containers BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> 8280 full scan <input type="checkbox"/> S Oxygenates + Ethand (P200) <input checked="" type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>																																																																																																					
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Turnaround Time Requested (TAT) (please circle) STD. TAT 24-hour 72 hour 48 hour 5 day 6 day				Relinquished by: <u>[Signature]</u> Date: <u>4-14-05</u> Time: <u>1110</u> Received by: <u>[Signature]</u> Date: <u>4/14/05</u> Time: <u>1110</u>																																																																																																							
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk				Relinquished by: <u>[Signature]</u> Date: <u>4/14/05</u> Time: <u>1540</u> Received by: <u>DAL</u> Date: <u>4/14/05</u> Time: _____																																																																																																							
Relinquished by Commercial Carrier: UPS FedEx Other <u>DHL</u>				Received by: <u>[Signature]</u> Date: <u>4/15/05</u> Time: <u>1005</u>																																																																																																							
Temperature Upon Receipt: <u>25</u> °C				Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																																																																							



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 939586. Samples arrived at the laboratory on Friday, April 15, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-050414	NA	Water	4504102
MW-1-W-050414	Grab	Water	4504103
MW-2-W-050414	Grab	Water	4504104
MW-3-W-050414	Grab	Water	4504105

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

Michele M. Turner
Manager



Lancaster Laboratories Sample No. WW 4504102

QA-T-050414 NA Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 QA
 Collected: 04/14/2005

Account Number: 10904

Submitted: 04/15/2005 10:05
 Reported: 04/22/2005 at 18:46
 Discard: 05/23/2005

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

TAOQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters 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.	n.a.	N.D.	50.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/20/2005	04:29	Linda C Pape	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	04/19/2005	14:55	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/20/2005	04:29	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2005	14:55	Ginelle L Haines	n.a.





Lancaster Laboratories Sample No. **WW 4504103**

MW-1-W-050414 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-1
 Collected:04/14/2005 10:05 by JA

Account Number: 10904

Submitted: 04/15/2005 10:05
 Reported: 04/22/2005 at 18:46
 Discard: 05/23/2005

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

TAO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,100.		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.						
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	61.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	1.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	15.		5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	4.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.5		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	04/20/2005	04:58	Linda C Pape	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2005	16:45	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/20/2005	04:58	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2005	16:45	Ginelle L Haines	n.a.





Lancaster Laboratories Sample No. WW 4504104

MW-2-W-050414 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-2
 Collected:04/14/2005 08:46 by JA

Account Number: 10904

Submitted: 04/15/2005 10:05
 Reported: 04/22/2005 at 18:46
 Discard: 05/23/2005

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

TAO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters 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.	n.a.	N.D.	50.	ug/l	1
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/20/2005 05:27	Linda C Pape	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2005 17:09	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/20/2005 05:27	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2005 17:09	Ginelle L Haines	n.a.





Lancaster Laboratories Sample No. WW 4504105

MW-3-W-050414 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-3
 Collected:04/14/2005 09:25 by JA

Account Number: 10904

Submitted: 04/15/2005 10:05
 Reported: 04/22/2005 at 18:46
 Discard: 05/23/2005

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

TAO03

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	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.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	04/20/2005 05:55	Linda C Pape	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2005 17:34	Ginelle L Haines	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/20/2005 05:55	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2005 17:34	Ginelle L Haines	n.a.





Quality Control Summary

Client Name: ChevronTexaco
 Reported: 04/22/05 at 06:46 PM

Group Number: 939586

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

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: 05110A16A TPH-GRO - Waters	Sample number(s): 4504102-4504105							
	N.D.	50.	ug/l	101	101	70-130	1	30
Batch number: Z051091AA	Sample number(s): 4504103-4504105							
Ethanol	N.D.	50.	ug/l	79		30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	92		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	78		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	86		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	92		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	98		57-141		
Benzene	N.D.	0.5	ug/l	87		85-117		
Toluene	N.D.	0.5	ug/l	93		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	98		83-113		
Batch number: Z051092AA	Sample number(s): 4504102							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Benzene	N.D.	0.5	ug/l	89		85-117		
Toluene	N.D.	0.5	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	91		82-119		
Xylene (Total)	N.D.	0.5	ug/l	93		83-113		

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>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 05110A16A TPH-GRO - Waters	Sample number(s): 4504102-4504105								
	108		63-154						
Batch number: Z051091AA	Sample number(s): 4504103-4504105								
Ethanol	52	66	26-153	24	30				
Methyl Tertiary Butyl Ether	89	88	69-134	1	30				
di-Isopropyl ether	77	76	75-130	0	30				
Ethyl t-butyl ether	83	83	78-119	1	30				

*- 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.





Quality Control Summary

Client Name: ChevronTexaco
 Reported: 04/22/05 at 06:46 PM

Group Number: 939586

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>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
t-Amyl methyl ether	91	88	77-117	3	30				
t-Butyl alcohol	99	96	51-147	4	30				
Benzene	93	92	83-128	1	30				
Toluene	100	98	83-127	1	30				
Ethylbenzene	103	101	82-129	1	30				
Xylene (Total)	103	102	82-130	1	30				
Batch number: Z051092AA Sample number(s): 4504102									
Methyl Tertiary Butyl Ether	93	97	69-134	3	30				
Benzene	94	97	83-128	2	30				
Toluene	98	98	83-127	0	30				
Ethylbenzene	99	100	82-129	1	30				
Xylene (Total)	100	100	82-130	0	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 05110A16A
 Trifluorotoluene-F

4504102	98
4504103	122
4504104	99
4504105	99
Blank	99
LCS	100
LCSD	100
MS	101

Limits: 70-142

Analysis Name: BTEX+5 Oxygenates+ETOH
 Batch number: Z051091AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4504103	95	92	90	93
4504104	94	89	90	87
4504105	94	89	91	87
Blank	102	97	91	88
LCS	100	95	91	92
MS	100	94	91	91
MSD	99	94	91	91

Limits: 81-120 82-112 85-112 83-113

*- 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.





Quality Control Summary

Client Name: ChevronTexaco
Reported: 04/22/05 at 06:46 PM

Group Number: 939586

Surrogate Quality Control

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z051092AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4504102	104	94	94	91
Blank	109	102	93	91
LCS	108	103	93	96
MS	111	103	93	97
MSD	112	101	95	95
Limits:	81-120	82-112	85-112	83-113

*- 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.

