



GETTLER-RYAN INC.

TRANSMITTAL

APR 03 2002

March 18, 2002

G-R #386433

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Mr. Thomas Bauhs
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**
#9-3322
7225 Bancroft Avenue
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 15, 2002	Groundwater Monitoring and Sampling Report First Quarter - Event of February 5, 2002

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 **April 1, 2002**, at which time the final report will be distributed to the following:

cc: Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Amar Sidhu, 32875 Bluebird Loop, Fremont, CA 94555

Enclosures

trans/9-3322-TB



GETTLER-RYAN INC.

March 15, 2002
G-R Job #386433

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

APR 03 2002

RE: First Quarter Event of February 5, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

Dear Mr. Bauhs:

This report documents the most recent groundwater monitoring and sampling events 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.

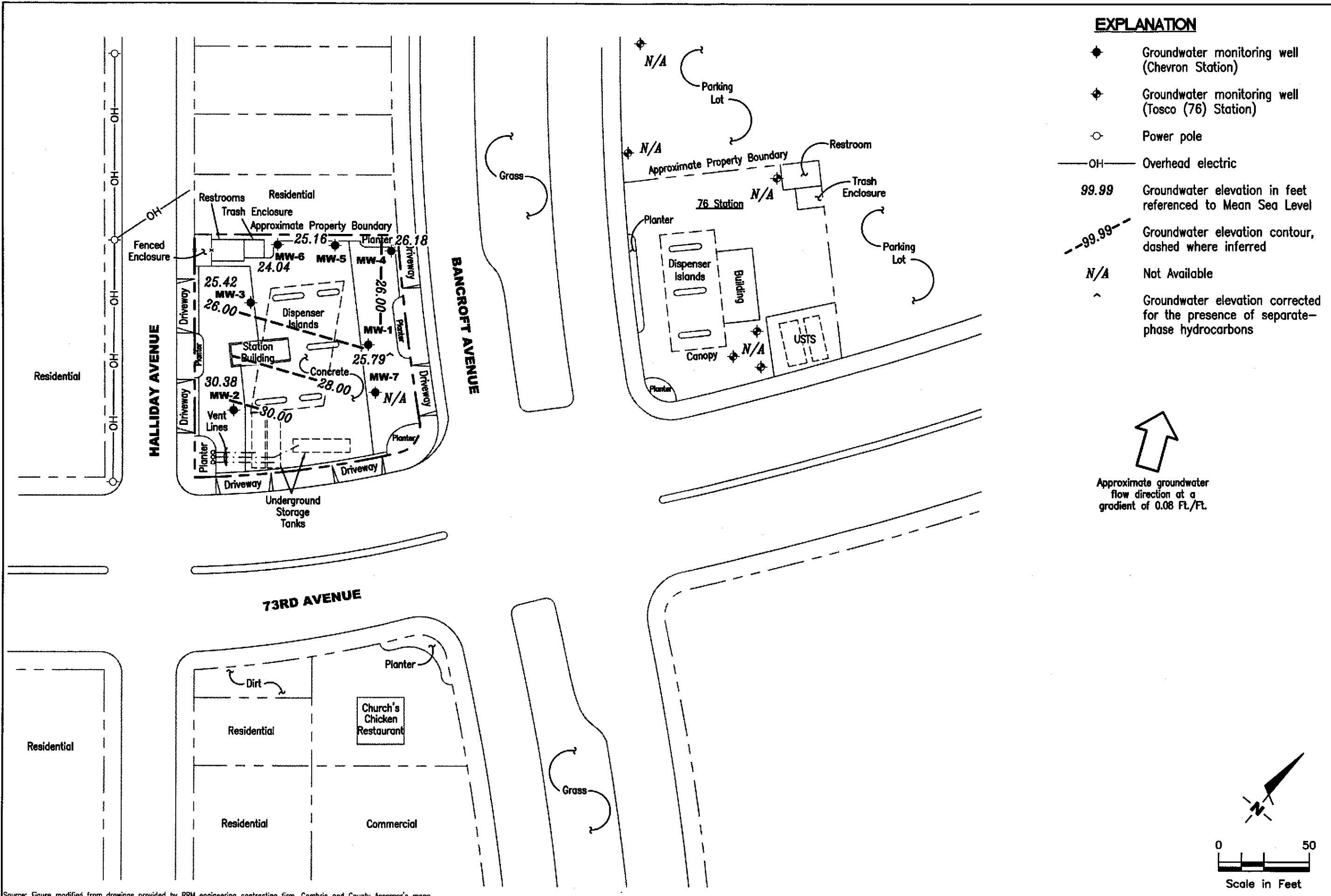
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734



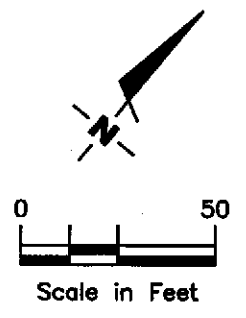
Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



EXPLANATION

- ◆ Groundwater monitoring well (Chevron Station)
- ◆ Groundwater monitoring well (Tosco (76) Station)
- Power pole
- OH— Overhead electric
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred
- N/A Not Available
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons

Approximate groundwater flow direction at a gradient of 0.08 Ft./Ft.



FIGURE

1

POTENTIOMETRIC MAP
 Chevron Service Station #9-3322
 7225 Bancroft Avenue
 Oakland, California

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

PROJECT NUMBER 386433
 REVIEWED BY
 DATE February 5, 2002
 REVISED DATE

Source: Figure modified from drawings provided by RRM engineering contracting firm, Contra Costa County Assessor's maps.

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
MW-1											
02/08/98	40.41	26.53	13.88	--	--	130,000	9,700	8,200	3,200	15,000	<250
06/16/98	40.41	26.18	14.23	--	--	96,000	15,000	12,000	2,600	11,000	1,300
07/29/98	40.41	22.59	17.82	--	--	370,000	19,000	14,000	5,800	15,000	<2,500
08/13/98	40.41	22.01	18.40	--	--	120,000	19,000	16,000	2,900	14,000	<1,000
11/24/98	40.41	19.61	20.80	--	--	100,000	26,000	18,000	4,000	22,000	2,000
02/03/99	40.41	22.96	17.45	--	--	110,000	27,000	16,000	3,800	22,000	<2.5
06/07/99	40.41	24.29**	16.44	0.40	0.03	--	--	--	--	--	--
09/07/99	40.41	19.97**	20.71	0.34	0.01	--	--	--	--	--	--
10/27/99	40.41	18.93**	21.75	0.34	0.03	--	--	--	--	--	--
02/08/00	40.41	22.44	17.97	0.00	0.00	147,000	19,600	13,700	4,020	21,300	<2,500
05/05/00	40.41	24.36	16.05	0.00	0.00	150,000 ²	28,000	17,000	4,400	23,000	<1,000
07/28/00	40.41	21.21	19.20	0.00	0.00	76,000 ²	20,000	15,000	3,400	23,000	1,200
11/26/00	40.41	20.44**	20.18	0.26	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
02/09/01	40.41	22.40**	18.03	0.03	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
05/11/01	40.41	25.31	15.10	0.00	0.00	89,000 ²	21,000	12,000	3,200	14,000	<500
08/30/01	40.41	20.05**	20.42	0.07	0.26 ⁴	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
11/21/01	40.41	20.11**	20.52	0.27	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
02/05/02	40.41	25.79**	14.63	0.01	0.00	130,000	16,000	13,000	4,200	23,000	<30
MW-2											
02/08/98	38.73	31.13	7.60	--	--	24,000	130	170	450	1,900	2,300
06/16/98	38.73	29.61	9.12	--	--	8,900	31	46	310	1,100	260
07/29/98	38.73	27.06	11.67	--	--	7,600	15	21	150	480	82
08/13/98	38.73	26.32	12.41	--	--	14,000	26	80	500	2,100	32
11/24/98	38.73	23.10	15.63	--	--	37,000	63	220	1,300	7,100	770
02/03/99	38.73	27.16	11.57	--	--	16,000	140	110	850	3,100	900
06/07/99	38.73	27.78	10.95	--	--	4,300	<10	<10	120	260	160
09/07/99	38.73	26.00	12.73	--	--	10,700	50.5	<25	297	1,020	<250
10/27/99	38.73	26.02	12.71	--	--	7,240	53.8	31.9	234	654	448

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)											
02/08/00	38.73	28.59	10.14	--	--	10,100	42.9	18.4	424	1,480	206
05/05/00	38.73	28.61	10.12	0.00	0.00	7,800 ²	34	22	320	1,100	170
07/28/00	38.73	26.16	12.57	0.00	0.00	6,700 ²	40	13	490	540	190
11/26/00	38.73	26.83	11.90	0.00	0.00	8,200 ²	21	9.5	400	1,100	120
02/09/01	38.73	26.53	12.20	0.00	0.00	11,200 ³	<50.0	<50.0	629	1,380	282
05/11/01	38.73	29.75	8.98	0.00	0.00	6,800 ²	39	19	370	1,100	67
08/30/01	38.73	25.83	12.90	0.00	0.00	17,000	67	<25	750	2,100	360
11/21/01	38.73	25.61	13.12	0.00	0.00	3,500	14	<5.0	100	51	610
02/05/02	38.73	30.38	8.35	0.00	0.00	10,000	5.5	<10	330	960	63
MW-3											
02/08/98	39.51	24.91	14.60	--	--	94,000	12,000	4,400	2,000	10,000	8,000
06/16/98	39.51	25.53	13.98	--	--	38,000	5,600	1,400	1,200	4,700	6,300/4,600 ¹
07/29/98	39.51	22.14	17.37	--	--	58,000	4,100	700	1,300	4,200	4,100
08/13/98	39.51	21.29	18.22	--	--	43,000	6,800	1,900	1,600	6,800	2,300
11/24/98	39.51	19.06	20.45	--	--	40,000	5,000	800	1,600	6,800	6,000/4,400 ¹
02/03/99	39.51	22.03	17.48	--	--	47,000	7,100	1,600	1,900	9,000	5,000
06/07/99	39.51	23.76	15.75	--	--	27,000	2,500	540	1,200	3,900	2,800
09/07/99	39.51	19.80	19.71	--	--	44,000	3,930	1,170	1,760	7,130	3,440
10/27/99	39.51	19.09	20.42	--	--	28,200	2,030	620	1,260	5,080	1,710
02/08/00	39.51	21.76	17.75	--	--	25,300	2,000	668	1,210	5,330	1,760
05/05/00	39.51	23.87	15.64	0.00	0.00	27,000 ²	2,600	960	1,500	5,200	2,500
07/28/00	39.51	21.28	18.23	0.00	0.00	7,400 ²	950	360	840	3,200	1,700
11/26/00	39.51	20.13	19.38	0.00	0.00	20,000 ²	1,800	690	1,400	5,500	1,600
02/09/01	39.51	21.79	17.72	0.00	0.00	31,200 ³	1,980	<50.0	1,770	7,220	2,170
05/11/01	39.51	24.86	14.65	0.00	0.00	18,000 ²	3,000	780	1,600	5,500	1,800
08/30/01	39.51	20.16	19.35	0.00	0.00	9,400	570	180	610	1,900	880
11/21/01	39.51	19.47	20.04	0.00	0.00	29,000	1,100	450	1,500	6,100	1,200
02/05/02	39.51	25.42	14.09	0.00	0.00	16,000	820	210	830	2,400	1,100

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Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	REMOVED (gallons)						
MW-4											
02/02/99	40.24	27.07	13.17	--	--	<50	0.52	<0.5	<0.5	<0.5	6.0
06/07/99	40.24	23.83	16.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.24	19.34	20.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	40.24	18.65	21.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	40.24	23.08	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	40.24	24.22	16.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	40.24	21.12	19.12	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.24	20.32	19.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	40.24	22.79	17.45	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	40.24	25.22	15.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.24	19.91	20.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/01	40.24	20.49	19.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	40.24	26.18	14.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-5											
02/02/99	40.37	21.57	18.80	--	--	72	2.7	<0.5	<0.5	<0.5	11
06/07/99	40.37	23.39	16.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.37	19.24	21.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.92
10/27/99	40.37	18.45	21.92	--	--	<50	2.39	<0.5	<0.5	<0.5	21.3
02/08/00	40.37	21.39	18.98	--	--	<50	10.6	<0.5	<0.5	<0.5	21.7
05/05/00	40.37	23.48	16.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	3.8
07/28/00	40.37	20.88	19.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.37	19.68	20.69	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	15
02/09/01	40.37	21.50	18.87	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	9.11
05/11/01	40.37	24.47	15.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.37	19.76	20.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	9.5
11/21/01	40.37	19.33	21.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	7.3
02/05/02	40.37	25.16	15.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	FDC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6											
02/02/99	39.84	21.36	18.48	--	--	14,000	5,600	<50	150	160	<250
06/07/99	39.84	23.39	16.45	--	--	1,500	1,100	33	25	34	200
09/07/99	39.84	19.35	20.49	--	--	6,550	2,940	81.5	177	84	865
10/27/99	39.84	18.61	21.23	--	--	3,680	1,240	29.6	115	14.9	735
02/08/00	39.84	21.44	18.40	--	--	17,300	8,920	<100	378	211	2,610
05/05/00	39.84	23.48	16.36	0.00	0.00	4,200 ²	1,900	98	170	290	1,300
07/28/00	39.84	20.90	18.94	0.00	0.00	1,200 ²	660	30	83	36	650
11/26/00	39.84	19.71	20.13	0.00	0.00	7,600 ²	4,300	63	360	110	2,000
02/09/01	39.84	21.44	18.40	0.00	0.00	18,200 ³	7,090	<100	457	169	2,930
05/11/01	39.84	24.39	15.45	0.00	0.00	2,600 ²	2,300	31	88	40	990
08/30/01	39.84	19.82	20.02	0.00	0.00	2,500	1,600	50	160	100	1,900
11/21/01	39.84	19.22	20.62	0.00	0.00	25,000	8,800	150	620	330	2,900
02/05/02	39.84	24.04	15.80	0.00	0.00	1,400	400	6.8	27	20	480
TRIP BLANK											
02/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	--	<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
08/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/24/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/02/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/03/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
02/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
11/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3322
7225 Bancroft Avenue
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 5, 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

SPHT = Separate Phase Hydrocarbon Thicknes:

SPH = Separate Phase Hydrocarbons

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

* TOC elevations are referenced to msl in feet.

** GWE corrected for the presence of free product; correction factor: $[(TOC - DTW) + (SPHT \times 0.8)]$.

1 Confirmation run.

2 Laboratory report indicates gasoline C6-C12.

3 Laboratory report indicates weathered gasoline C6-C12.

4 Product and water removed.

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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride 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 Chevron-designated 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.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ **CHEVRON**

Facility # 9-3322

Job#: 386433

Address: 7225 Bancroft Ave.

Date: 2.5.02

City: Oakland, CA

Sampler: T.C

Well ID MW-1

Well Condition: well Box NEEDS REPAIR

Well Diameter 2" in.

Hydrocarbon Thickness: .01 (feet) Amount Bailed 0 (Gallons)

Total Depth 35.70 ft.

Depth to Water 14.63 ft.

Volume	2" = 0.17	3" = 0.38	4" = 0.66
Factor (VF)	6" = 1.50	12" = 5.80	

19.07 X VF .17 = 3.2 X 3 (case volume) = Estimated Purge Volume: 10.0 (gal.)

Purge Equipment:

Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment:

Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1240

Weather Conditions: cloudy

Sampling Time: 1250

Water Color: cloudy Odor: STRONG

Purging Flow Rate: 2.0 gpm.

Sediment Description: silts

Did well de-water? no

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1242</u>	<u>2.5</u>	<u>7.86</u>	<u>804</u>	<u>65.1</u>			
<u>1244</u>	<u>7.0</u>	<u>7.81</u>	<u>878</u>	<u>67.6</u>			
<u>1246</u>	<u>10.0</u>	<u>7.82</u>	<u>881</u>	<u>69.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3x200ml</u>	<u>Y</u>	<u>ice</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: UPON REMOVING LED THE WELL BOX CAME OUT OF CONCRETE
* see picture Replace MASTALOCK AND 2" PLUG.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON
Facility # 9-3322
Address: 7225 Bancroft Ave.
City: Oakland, CA

Job#: 386433
Date: 2-5-02
Sampler: T.C

Well ID: MW-2
Well Diameter: 2" in.
Total Depth: 30.04 ft.
Depth to Water: 8.35 ft.

Well Condition: * LID IS MISSING / well full of LEAFS, GARBAGE AND BROKEN GLASS

Hydrocarbon Thickness:	<u>Ø</u> (feet)	Amount Bailed (product/water):	<u>Ø</u> (Gallons)
Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

21.69 x VF .17 = 3.6 x 3 (case volume) = Estimated Purge Volume: 11.0 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1140
Sampling Time: 1150
Purging Flow Rate: 2.0 gpm.
Did well de-water? N

Weather Conditions: ptly. Cloudy
Water Color: cloudy Odor: YES
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1142</u>	<u>3.5</u>	<u>7.32</u>	<u>1164</u>	<u>68.1</u>			
<u>1144</u>	<u>7.0</u>	<u>7.16</u>	<u>1118</u>	<u>67.2</u>			
<u>1146</u>	<u>11.0</u>	<u>7.24</u>	<u>1121</u>	<u>67.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3XVOLUME</u>	<u>Y</u>	<u>HL</u>	<u>LANGASTER</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: ARRIVED ON SITE FOUND LID WAS MISSING, WELL BOX FULL OF LEAFS, GARBAGE AND BROKEN GLASS, WELL BOX DIAMETER 9", 3 BOLT HOLE, BOART LANGYER TYPE LID. *SEE PICTURE

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/CHEVRON

Facility # 9-3322

Job#: 386433

Address: 7225 Bancroft Ave.

Date: 2-5-02

City: Oakland, CA

Sampler: T.V

Well ID MW-3

Well Condition: ok

Well Diameter 2" in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 32.80 ft.

Depth to Water 14.09 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

18.71 X VF .17 = 3.1 X 3 (case volume) = Estimated Purge Volume: 9.5 (gal.)

Purge Equipment: Disposable Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1222

Weather Conditions: cloudy

Sampling Time: 1232

Water Color: cloudy Odor: yes

Purging Flow Rate: 2.0 gpm.

Sediment Description: SHOWN

Did well de-water? no

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1224</u>	<u>3.0</u>	<u>7.35</u>	<u>1122</u>	<u>67.5</u>			
<u>1226</u>	<u>6.0</u>	<u>7.28</u>	<u>1118</u>	<u>66.9</u>			
<u>1228</u>	<u>9.5</u>	<u>7.21</u>	<u>1104</u>	<u>67.6</u>			
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3K10001A</u>	<u>Y</u>	<u>HC</u>	<u>LANCASTER</u>	<u>TPHIGI/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-3322

Job#: 386433

Address: 7225 Bancroft Ave.

Date: 2-5-02

City: Oakland, CA

Sampler: T.C

Well ID MW-4

Well Condition: o.k

Well Diameter 2" in.

Hydrocarbon Thickness: Ø (feet) Amount Bailed (product/water): Ø (Gallons)

Total Depth 30.10 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 14.06 ft.

16.04 X VF 17 = 2.7 X 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

Purge Equipment:

Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment:

Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1142

Weather Conditions: Sunny

Sampling Time: 1155

Water Color: BROWN Odor: NO

Purging Flow Rate: 2.0 gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1145</u>	<u>2.5</u>	<u>7.12</u>	<u>1264</u>	<u>67.2</u>			
<u>1148</u>	<u>5.0</u>	<u>6.98</u>	<u>1288</u>	<u>67.4</u>			
<u>1150</u>	<u>5.0</u>	<u>7.04</u>	<u>1291</u>	<u>67.5</u>			
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3 X UOAUZAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-3322

Job#: 386433

Address: 7225 Bancroft Ave.

Date: 2-5-02

City: Oakland, CA

Sampler: T.C

Well ID MW-5

Well Condition: o.k

Well Diameter 2" in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 31.22 ft.

Depth to Water 15.21 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

16.01 X VF .17 = 2.7 X 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1110

Weather Conditions: SUNNY

Sampling Time: 1120

Water Color: BROWN Odor: N

Purging Flow Rate: 2.0 gpm.

Sediment Description: _____

Did well de-water? N

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1112</u>	<u>2.5</u>	_____	_____	_____	_____	_____	_____
<u>1114</u>	<u>5.0</u>	_____	_____	_____	_____	_____	_____
<u>1116</u>	<u>6.0</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>386433.H</u>	<u>Y</u>	<u>HCC</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ **CHEVRON**

Facility # 9-3322

Job#: 386433

Address: 7225 Bancroft Ave.

Date: 2-5-02

City: Oakland, CA

Sampler: J.C

Well ID MW-6

Well Condition: o.k

Well Diameter 2" in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 30.26 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 15.80 ft.

14.46 X VF .17 = 2.4 X 3 (case volume) = Estimated Purge Volume: 7.2 (gal.)

Purge Equipment:

- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:

- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 1200

Weather Conditions: Partly Cloudy

Sampling Time: 1210

Water Color: cloudy Odor: yes

Purging Flow Rate: 2.0 gpm.

Sediment Description: _____

Did well de-water? no

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1202</u>	<u>2.5</u>	_____	_____	_____	_____	_____	_____
<u>1204</u>	<u>5.0</u>	_____	_____	_____	_____	_____	_____
<u>1206</u>	<u>7.5</u>	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>3x200AVIN</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Acct. #: 10905 Sample #: 3770482-8 SCR#: _____

060202-006

Facility #: 9-3322 Job #386433 Global ID #T0600102079
 Site Address: 7225 BANCROFT AVE., OAKLAND, CA
 Chevron PM: Tom Bauhs Lead Consultant: Delta/G-R
 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: Tony Camarda
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested									
		Preservation Codes									
Soil	Water	Oil	Air	Total Number of Containers	H	H					
					<input type="checkbox"/> Potable <input type="checkbox"/> NPDES	<input type="checkbox"/> BTEX + MTBE 8260 <input 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"/> 8260 full scan	<input type="checkbox"/> Oxygenates	<input type="checkbox"/> Lead 7420 <input type="checkbox"/> 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	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	
<u>QA</u>	<u>2/5/02</u>	<u>—</u>				X			<u>2</u>	X	X								
<u>MW-1</u>		<u>1230</u>	X			X			<u>3</u>	X	X								
<u>MW-2</u>		<u>1150</u>	X			X			<u>3</u>	X	X								
<u>MW-3</u>		<u>1232</u>	X			X			<u>3</u>	X	X								
<u>MW-4</u>		<u>1155</u>	X			X			<u>3</u>	X	X								
<u>MW-5</u>		<u>1120</u>	X			X			<u>3</u>	X	X								
<u>MW-6</u>		<u>1210</u>	X			X			<u>3</u>	X	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: <u>[Signature]</u>	Date: <u>2/9/02</u>	Time: <u>1600</u>	Received by: <u>[Signature]</u>	Date: <u>2/6/02</u>	Time: <u>11:50</u>
Relinquished by: <u>[Signature]</u>	Date: <u>2/6/02</u>	Time: <u>1320</u>	Received by: <u>[Signature]</u>	Date: <u>2-6-02</u>	Time: <u>1320</u>
Relinquished by: <u>[Signature]</u>	Date: <u>2-6-02</u>	Time: <u>1530</u>	Received by: <u>Airborne</u>	Date: _____	Time: _____
Relinquished by Commercial Carrier: <u>Airborne</u>	UPS	FedEx	Other: <u>Airborne</u>	Received by: <u>[Signature]</u>	Date: <u>2/6/02</u>
Temperature Upon Receipt: <u>1-2</u> °C	Custody Seals intact? <u>Yes</u> No				



ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

Prepared by:

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

RECEIVED

FEB 20 2002

GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 796080. Samples arrived at the laboratory on Thursday, February 07, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-020205	NA	Water	3770482
MW-1-W-020205	Grab	Water	3770483
MW-2-W-020205	Grab	Water	3770484
MW-3-W-020205	Grab	Water	3770485
MW-4-W-020205	Grab	Water	3770486
MW-5-W-020205	Grab	Water	3770487
MW-6-W-020205	Grab	Water	3770488

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



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

Respectfully Submitted,

Steven A Skiles
Steven A. Skiles
Sr. Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770482**

Collected: 02/05/2002 00:00

Account Number: 10905

Submitted: 02/07/2002 10:00

Reported: 02/15/2002 at 14:51

Discard: 03/18/2002

QA-T-020205

NA

Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 93322 Job# 386433 GRD
7225 BANCROFT-OAKLAND T0600102079 QA

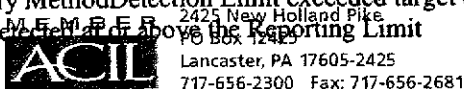
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) 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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	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	1	02/09/2002 12:18	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 12:18	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 12:18	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected or above the Reporting Limit





Lancaster Laboratories Sample No. WW 3770483

Collected: 02/05/2002 12:50 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00
 Reported: 02/15/2002 at 14:51
 Discard: 03/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-1-W-020205 Grab Water

Facility# 93322 Job# 386433 GRD
 7225 BANCROFT-OAKLAND T0600102079 MW-1

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.	130,000.	5,000.	ug/l	100
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	16,000.	20.	ug/l	100
00777	Toluene	108-88-3	13,000.	20.	ug/l	100
00778	Ethylbenzene	100-41-4	4,200.	20.	ug/l	100
00779	Total Xylenes	1330-20-7	23,000.	60.	ug/l	100
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	30.	ug/l	100

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.

The reporting limits were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.

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	02/10/2002 03:19	John B Kiser	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/10/2002 03:19	John B Kiser	100
01146	GC VOA Water Prep	SW-846 5030B	1	02/10/2002 03:19	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770483**

Collected: 02/05/2002 12:50 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00

Reported: 02/15/2002 at 14:51

Discard: 03/18/2002

MW-1-W-020205

Grab

Water

Chevron Products Company

6001 Bollinger Canyon Road

Building L PO Box 6004

San Ramon CA 94583-0904

Facility# 93322 Job# 386433

GRD

7225 BANCROFT-OAKLAND

T0600102079 MW-1

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected or above the Reporting Limit



MEMBER
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770484**

Collected: 02/05/2002 11:50 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00
 Reported: 02/15/2002 at 14:51
 Discard: 03/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-2-W-020205 Grab Water

Facility# 93322 Job# 386433 GRD
 7225 BANCROFT-OAKLAND T0600102079 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.	10,000.	250.	ug/l	5
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. Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	5.5	1.0	ug/l	5
00777	Toluene	108-88-3	N.D. #	10.	ug/l	5
00778	Ethylbenzene	100-41-4	330.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	960.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	63.	2.5	ug/l	5
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. Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent. Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.						

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected above the Reporting Limit



Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770484**

Collected: 02/05/2002 11:50 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00

Chevron Products Company

Reported: 02/15/2002 at 14:51

6001 Bollinger Canyon Road

Discard: 03/18/2002

Building L PO Box 6004

MW-2-W-020205

Grab

Water

San Ramon CA 94583-0904

Facility# 93322 Job# 386433

GRD

7225 BANCROFT-OAKLAND

T0600102079 MW-2

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/09/2002 23:34	John B Kiser	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 23:34	John B Kiser	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 23:34	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770485**

Collected: 02/05/2002 12:32 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00

Chevron Products Company

Reported: 02/15/2002 at 14:51

6001 Bollinger Canyon Road

Discard: 03/18/2002

Building L PO Box 6004

MW-3-W-020205

Grab Water

San Ramon CA 94583-0904

Facility# 93322 Job# 386433

GRD

7225 BANCROFT-OAKLAND

T0600102079 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.	16,000.	500.	ug/l	10
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	820.	2.0	ug/l	10
00777	Toluene	108-88-3	210.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	830.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	2,400.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	1,100.	3.0	ug/l	10
	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	02/10/2002 02:47	John B Kiser	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/10/2002 02:47	John B Kiser	10
01146	GC VOA Water Prep	SW-846 5030B	1	02/10/2002 02:47	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770486**

Collected: 02/05/2002 11:55 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00

Chevron Products Company

Reported: 02/15/2002 at 14:51

6001 Bollinger Canyon Road

Discard: 03/18/2002

Building L PO Box 6004

MW-4-W-020205

Grab Water

San Ramon CA 94583-0904

Facility# 93322 Job# 386433 GRD

7225 BANCROFT-OAKLAND T0600102079 MW-4

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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	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	02/09/2002 23:01	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 23:01	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 23:01	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770487**

Collected: 02/05/2002 11:20 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00
 Reported: 02/15/2002 at 14:51
 Discard: 03/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-5-W-020205 Grab Water

Facility# 93322 Job# 386433 GRD
 7225 BANCROFT-OAKLAND T0600102079 MW-5

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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	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	1	02/09/2002 22:28	John B Kiser	1
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	02/09/2002 22:28	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 22:28	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3770488**

Collected: 02/05/2002 12:10 by TC

Account Number: 10905

Submitted: 02/07/2002 10:00
 Reported: 02/15/2002 at 14:51
 Discard: 03/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-6-W-020205 Grab Water

Facility# 93322 Job# 386433 GRD
 7225 BANCROFT-OAKLAND T0600102079 MW-6

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.	1,400.	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	400.	0.50	ug/l	1
00777	Toluene	108-88-3	6.8	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	27.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	20.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	480.	2.5	ug/l	5
	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		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	02/08/2002	12:07	Melissa D Mann	1
		Method					
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/08/2002	12:07	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/08/2002	15:01	Melissa D Mann	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/08/2002	12:07	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



Lancaster, PA 17605-2425
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Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
 Reported: 02/15/02 at 02:52 PM

Group Number: 796080

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02038A51 Sample number(s): 3770488								
Benzene	N.D.	0.5	ug/l	105	102	80-118	3	30
Toluene	N.D.	0.5	ug/l	106	104	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	107	104	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	108	105	82-120	2	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	108	107	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	101	98	76-126	3	20
Batch number: 02039A16 Sample number(s): 3770482-3770487								
Benzene	N.D.	0.5	ug/l	108	104	80-118	4	30
Toluene	N.D.	0.5	ug/l	113	108	82-119	4	30
Ethylbenzene	N.D.	0.5	ug/l	113	110	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	115	112	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	102	100	79-127	2	30
TPH-GRO - Waters	N.D.	50.	ug/l	93	97	76-126	4	20

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02038A51 Sample number(s): 3770488								
Benzene			120					
Toluene			126					
Ethylbenzene			129					
Total Xylenes			129					
Methyl tert-Butyl Ether			120					
TPH-GRO - Waters			103					
Batch number: 02039A16 Sample number(s): 3770482-3770487								
Benzene			105					
Toluene			110					
Ethylbenzene			111					
Total Xylenes			113					
Methyl tert-Butyl Ether			98					
TPH-GRO - Waters			99					

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02038A51

	Trifluorotoluene-F	Trifluorotoluene-P
3770488	109	114
Blank	100	98

*- 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.



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Reported: 02/15/02 at 02:52 PM

Group Number: 796080

Surrogate Quality Control

LCS	112	100
LCSD	108	101
MS	110	101

Limits: 67-135 71-130

Analysis Name: TPH-GRO - Waters

Batch number: 02039A16

Trifluorotoluene-F

Trifluorotoluene-P

3770482	81	96
3770483	87	97
3770484	146*	136*
3770485	109	117
3770486	76	94
3770487	82	95
Blank	78	97
LCS	119	97
LCSD	114	96
MS	112	97

Limits: 67-135 71-130

*- 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.



Lancaster Laboratories, Inc.
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