R 274

FEB 13 2002

GETTLER-RYAN INC.

TRANSMITTAL

January 16, 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	December 28, 2001	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 21, 2001

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 ***January 29, 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, 1131Harbor 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.

December 28, 2001
G-R Job #386433

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

RE: Fourth Quarter Event of November 21, 2001
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 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.

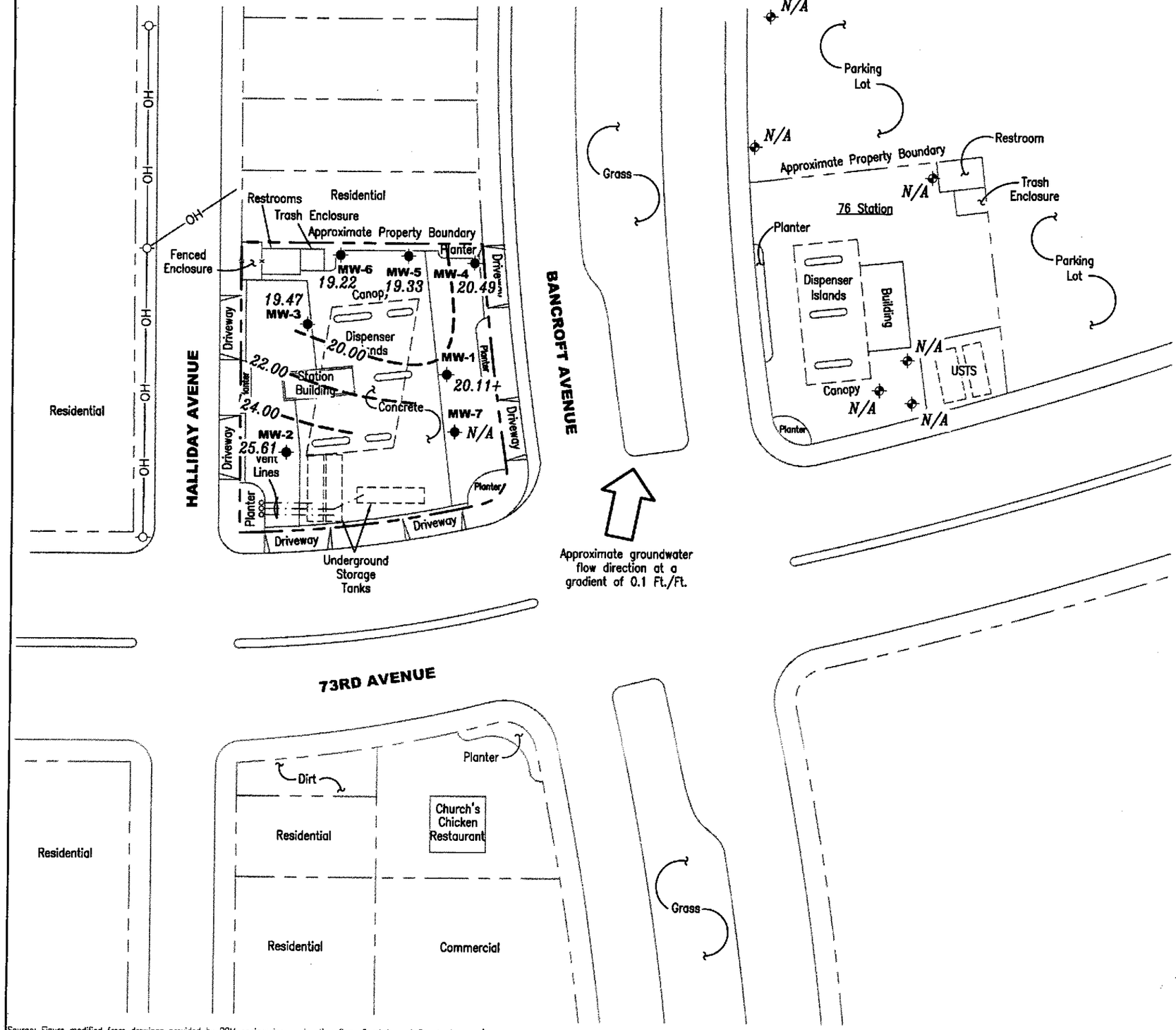
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
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



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

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 (MSL)
- 99.99 Groundwater elevation contour, dashed where inferred
- *N/A* Not Available
- \+ Groundwater elevation corrected for the presence of SPH

FIGURE 1

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

DATE November 21, 2001
REVISED DATE

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

PROJECT NUMBER 386433
REVIEWED BY

FILE NAME: P:\Enviro\Chevron\9-3322\001-9-3322.DWG | Layout Tab: Pot4

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-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**				**--**	**--**
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
02/08/00	38.73	28.59	10.14	--	--	10,100	42.9	18.4	424	1,480	206

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)											
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**
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**

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-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**
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**

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-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**
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
02/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50

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)											
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**

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 Thickness
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 x 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#: 3862433
Address: 7225 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

Well ID MW-1 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 1 27 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 33.70 ft.
Depth to Water 20.52 ft.

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

_____ X VF 17 = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____ Weather Conditions: cloudy
Sampling Time: _____ Water Color: _____ Odor: _____
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

0.5 ml
0.25
27

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
		Y		LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Not Sampled Due Presence of Sph (27)

9/97-fieldat.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-3322 Job#: 3862133
Address: 7225 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

Well ID MW-2 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 30.04 ft.
Depth to Water 13.12 ft.

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

16.92 x VF .17 = 2.87 x 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other:

Sampling Equipment: (Disposable Bailer) ~~Bailer~~ Pressure Bailer Grab Sample Other:

Starting Time: 9:18 Weather Conditions: cloudy
Sampling Time: 9:42 Water Color: clear Odor: Y/N
Purging Flow Rate: - gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F or C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
924	3	7.40	153	20.7			
930	6	7.50	210	20.1			
9:35	8.5	7.46	236	20.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x VOA's	Y	HCl	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: Lid is missing 8" Boart Longyear 3 Bolts

9/97-fieldat.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-3328 Job#: 386433
Address: 7285 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

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 20.04 ft.

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

12.76 x VF .17 = 2.16 X 3 (case volume) = Estimated Purge Volume: 6.5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other:

Sampling Equipment: (Disposable Bailer) ~~Bailer~~ Pressure Bailer Grab Sample Other:

Starting Time: 8:42 Weather Conditions: cloudy
Sampling Time: 902 Water Color: GRAY Odor: YES
Purging Flow Rate: ~ gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
8:46	2	7.12	441	18.8			
8:52	4	7.01	486	19.0			
9:55	6.5	6.94	502	18.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 VOA's	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS:

9/97-fieldat.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-3328 Job#: 3862433
Address: 7325 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

Well ID MW-4 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: (feet) Amount Bailed (product/water): (Gallons)
Total Depth 30.10 ft.
Depth to Water 19.75 ft.

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

10.35 X VF 0.17 = 1.75 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

Purge Equipment: (Disposable Bailer) ~~Bailer~~ Stack Suction Grundfos Other:

Sampling Equipment: (Disposable Bailer) ~~Bailer~~ Pressure Bailer Grab Sample Other:

Starting Time: 0705 Weather Conditions: cloudy
Sampling Time: 7:24 Water Color: cloudy Odor: NO
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
709	2	7.84	350	18.3			
713	4	7.80	381	18.5			
716	5.5	7.79	390	18.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 VOAs	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-3328 Job#: 386433
Address: 7225 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

Well ID MW-5 Well Condition: OK
Well Diameter 2 in. Hydrocarbon Thickness: _____ (feet) Amount Bailed (product/water): _____ (Gallons)
Total Depth 31.22 ft.
Depth to Water 21.04 ft.

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

10.18 X VF .17 = 1.73 X 3 (case volume) = Estimated Purge Volume: 5 (gal.)

Purge Equipment: (Disposable Bailer) Bailer, Stack, Suction, Grundfos, Other: _____

Sampling Equipment: (Disposable Bailer) Bailer, Pressure Bailer, Grab Sample, Other: _____

Starting Time: 7:40 Weather Conditions: cloudy
Sampling Time: 7:59 Water Color: cloudy Odor: NO
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
7:44	2	7.39	446	17.6			
7:48	4	7.42	430	17.8			
7:52	5	7.46	426	17.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 VOA's	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-3322 Job#: 3862433
Address: 7225 Bancroft Ave. Date: 11-21-01
City: Oakland, CA Sampler: FB

Well ID MW-6
Well Condition: OK
Well Diameter 2 in.
Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 30.26 ft.
Depth to Water 20.62 ft.

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

9.64 X VF .17 = 1.63 X 3 (case volume) = Estimated Purge Volume: 5 (gal.)

Purge Equipment: (Disposable Bailer) / Bailer / Stack / Suction / Grundfos / Other: _____

Sampling Equipment: (Disposable Bailer) / Bailer / Pressure Bailer / Grab Sample / Other: _____

Starting Time: 8:14
Sampling Time: 8:30
Purging Flow Rate: — gpm.
Did well de-water? NO

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F/C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
818	2	6.92	509	17.8			
822	4	7.01	526	18.1			
824	5	7.00	534	18.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 VOA's	Y	HCl	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: _____

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

LLI CA

Acct. #: 10905 For Lancaster Laboratories use only Sample #: 373261 43-48 SCR#:

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: F BOHNET

Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 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	Matrix: Soil	Water (Potable ☐ NPDES ☐)	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 ☐
									H	H				
QA	11-21-01	—				✓		2	X	X				
MW-2		9:42	✓			✓		3	X	X				
MW-3		902	✓			✓		3	X	X				
MW-4		724	✓			✓		3	X	X				
MW-5		759	✓			✓		3	X	X				
MW-6		830	✓			✓		3	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

	Date	Time		Date	Time
Relinquished by:	11/21/01		Received by:	11/21/01	1255
Relinquished by:	11/21/01	1500	Received by:	11/21/01	1500
Relinquished by:	11/21/01	1600	Received by:	11/21/01	1600
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	11/22	0900
Temperature Upon Receipt 3 C°			Custody Seals Intact? Yes - (No)		

3460 Rev. 7/30/01

Lancaster Laboratories
Where quality is a science.

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

SAMPLE GROUP

The sample group for this submittal is 787549. Samples arrived at the laboratory on Friday, November 23, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
QA-T-011121	NA	Water	3732643
MW-2-W-011121	Grab	Water	3732644
MW-3-W-011121	Grab	Water	3732645
MW-4-W-011121	Grab	Water	3732646
MW-5-W-011121	Grab	Water	3732647
MW-6-W-011121	Grab	Water	3732648

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
Where quality is a science.

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

Respectfully Submitted,

Steven A. Skiles
Sr. Chemist

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732643

Collected:11/21/2001 00:00

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:47
Discard: 01/03/2002
QA-T-011121 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 N. California (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.					
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

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/28/2001 21:11	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 21:11	Melissa Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 21:11	Melissa Mann	n.a.

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

MEMBER ACIL
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.

Lancaster Laboratories Sample No. WW 3732644

Collected:11/21/2001 09:42 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:47
Discard: 01/03/2002
MW-2-W-011121 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-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 N. California (waters)	n.a.	3,500.	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	14.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D. #	5.0	ug/l	1
00778	Ethylbenzene	100-41-4	100.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	51.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	610.	2.5	ug/l	5
	Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent. Benzene					

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/29/2001 02:25	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 22:55	Melissa Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/29/2001 02:25	Melissa Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 22:55	Melissa Mann	n.a.

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

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

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732644

Collected:11/21/2001 09:42 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:47
Discard: 01/03/2002
MW-2-W-011121 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-2

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732645

Collected:11/21/2001 09:02 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:47
Discard: 01/03/2002
MW-3-W-011121 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-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 N. California (waters)	n.a.	29,000.	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1,100.	2.0	ug/l	10
00777	Toluene	108-88-3	450.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	1,500.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	6,100.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	1,200.	3.0	ug/l	10

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/28/2001 13:50	Melissa-Ann S. McAlpine	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 13:50	Melissa-Ann S. McAlpine	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 13:50	Melissa-Ann S. McAlpine	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732646

Collected:11/21/2001 07:24 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:47
Discard: 01/03/2002
MW-4-W-011121 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-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 N. California (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.					
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

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/28/2001 03:57	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 03:57	Melissa-Ann S. McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 03:57	Melissa-Ann S. McAlpine	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732647

Collected:11/21/2001 07:59 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:48
Discard: 01/03/2002
MW-5-W-011121 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-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 N. California (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.					
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	7.3	2.5	ug/l	1

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/28/2001 04:31	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 04:31	Melissa-Ann S. McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 04:31	Melissa-Ann S. McAlpine	n.a.

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

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

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3732648

Collected:11/21/2001 08:30 by FB

Account Number: 10905

Submitted: 11/23/2001 09:00
Reported: 12/03/2001 at 23:48
Discard: 01/03/2002
MW-6-W-011121 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-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 N. California (waters)	n.a.	25,000.	1,000.	ug/l	20
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	8,800.	10.	ug/l	50
00777	Toluene	108-88-3	150.	4.0	ug/l	20
00778	Ethylbenzene	100-41-4	620.	4.0	ug/l	20
00779	Total Xylenes	1330-20-7	330.	12.	ug/l	20
00780	Methyl tert-Butyl Ether	1634-04-4	2,900.	6.0	ug/l	20

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/28/2001 14:25	Melissa-Ann S. McAlpine	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 14:25	Melissa-Ann S. McAlpine	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/28/2001 22:12	Melissa-Ann S. McAlpine	50
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2001 14:25	Melissa-Ann S. McAlpine	n.a.

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

MEMBER ACIL
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: 12/03/01 at 11:48 PM

Group Number: 787549

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 01330A66	Sample number(s): 3732645-3732648							
Benzene	N.D.	0.5	ug/l	97	91	80-118	6	30
Toluene	N.D.	0.5	ug/l	98	93	82-119	5	30
Ethylbenzene	N.D.	0.5	ug/l	99	93	81-119	6	30
Total Xylenes	N.D.	1.5	ug/l	100	94	82-120	6	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	92	94	79-127	2	30
TPH-GRO N. California (waters)	N.D.	50.	ug/l	99	100	76-119	1	20
Batch number: 01332A55	Sample number(s): 3732643-3732644							
Benzene	N.D.	0.5	ug/l	102		80-118		
Toluene	N.D.	0.5	ug/l	97		82-119		
Ethylbenzene	N.D.	0.5	ug/l	104		81-119		
Total Xylenes	N.D.	1.5	ug/l	108		82-120		
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106		79-127		
TPH-GRO N. California (waters)	N.D.	50.	ug/l	100		76-119		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 01330A66	Sample number(s): 3732645-3732648								
Benzene	101	100	66-140	1	30				
Toluene	103	101	72-138	2	30				
Ethylbenzene	104	103	71-138	2	30				
Total Xylenes	104	103	69-140	1	30				
Methyl tert-Butyl Ether	97	95	60-145	2	30				
TPH-GRO N. California (waters)	102	105	74-132	2	20				
Batch number: 01332A55	Sample number(s): 3732643-3732644								
Benzene	107	106	66-140	1	30				
Toluene	103	102	72-138	1	30				
Ethylbenzene	112	111	71-138	0	30				
Total Xylenes	115	115	69-140	1	30				
Methyl tert-Butyl Ether	106	104	60-145	2	30				
TPH-GRO N. California (waters)	102	103	74-132	1	20				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 01330A66

	Trifluorotoluene-F	Trifluorotoluene-P
3732645	105	113
3732646	87	88

*- 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.

MEMBER ACIL
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
Group Number: 787549
Reported: 12/03/01 at 11:48 PM

Surrogate Quality Control

3732647	88	87
3732648	97	99
Blank	88	88
LCS	101	90
LCSD	101	89
MS	107	89
MSD	106	91
Limits:	65-137	72-134

FEB 01 2002

Analysis Name: TPH-GRO - Waters
Batch number: 01332A55

	Trifluorotoluene-F	Trifluorotoluene-P
3732643	96	105
3732644	135	114
Blank	97	106
LCS	112	107
MS	108	107
MSD	109	106
Limits:	65-137	72-134

*- 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.

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