

ALCO
HAZMAT

94 AUG -4 PM 11:41



Chevron

August 1, 1994

Chevron U.S.A. Products Company

2410 Camino Ramon
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing Department

Phone 510 842 9500

Ms. Susan Hugo
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

Re: Chevron Service Station No. 9-0329
340 Highland Avenue, Piedmont, California

Dear Ms. Hugo :

All wells detected dissolved hydrocarbons in the groundwater. Concentrations in well C-2 had decreased while levels in C-3 were near the detection limit.

Chevron will continue the quarterly monitoring and sampling at the above referenced site. In the meantime, Chevron will have the dealer check his inventory records for any discrepancies.

Please refer to the enclosed report from Sierra Environmental Services dated July 25, 1994. If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

A handwritten signature in black ink, appearing to read "Kenneth Kan".

Kenneth Kan
Engineer

LKAN/MacFile 9-0329R16

Enclosure

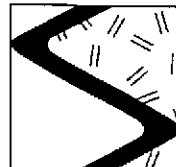
cc: Mr. Rich Hiatt, RWQCB-San Francisco Bay Area
2101 Webster Street, Suite 500, Oakland, CA 94612

Attn. Frank Hoffman, Hoffman Investment Company
1760 Willow Road, Hillsborough, CA 94010

Mir Ghafari, Chevron Service Station
340 Highlands Ave., Piedmont, CA 94611

Ms. Patsy Tarabini, Chevron U.S.A. Products Co.

Ms. Bette Owen, Chevron U.S.A. Products Co.



AUG 01 '94 K.L.K.

July 25, 1994

Kenneth Kan
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-0329
340 Highland Avenue
Piedmont, California
SES Project #1-294-04

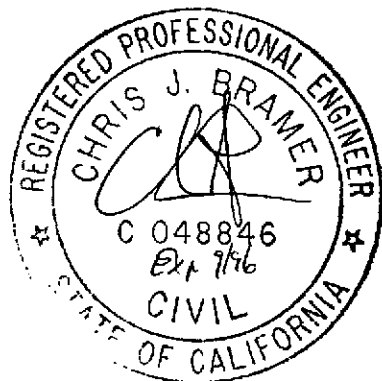
Dear Mr. Kan:

This report presents the results of the quarterly ground water sampling at Chevron Service Station #9-0329, located at 340 Highland Avenue in Piedmont, California. Three wells, C-2, C-3 and C-4 were sampled (Figure 1).

On July 6, 1994, SES personnel visited the site. Water levels were measured in all wells and all wells were checked for the presence of free-phase hydrocarbons. Free-phase hydrocarbons were not present in any of the site wells. Water level data are shown in Table 1 and ground water elevation contours are included on Figure 1.

The ground water samples were collected on July 6, 1994 in accordance with SES Standard Operating Procedure - Ground Water Sampling (attached). The field water sampling forms for this event are included. All analyses were performed by GTEL of Concord, California. Analytic results for ground water are presented in Table 1. The chain of custody document and laboratory analytic reports are attached. SES is not responsible for laboratory omissions or errors.

Thank you for allowing us to provide services to Chevron. Please call if you have any questions.



Sincerely,
Sierra Environmental Services

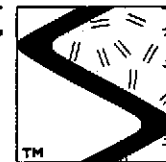
Argyria
Argyria
Staff Geologist

Chris J. Bramer
Chris J. Bramer
Professional Engineer #C48846

AJM/CJB/lmo
29404QM.JL4

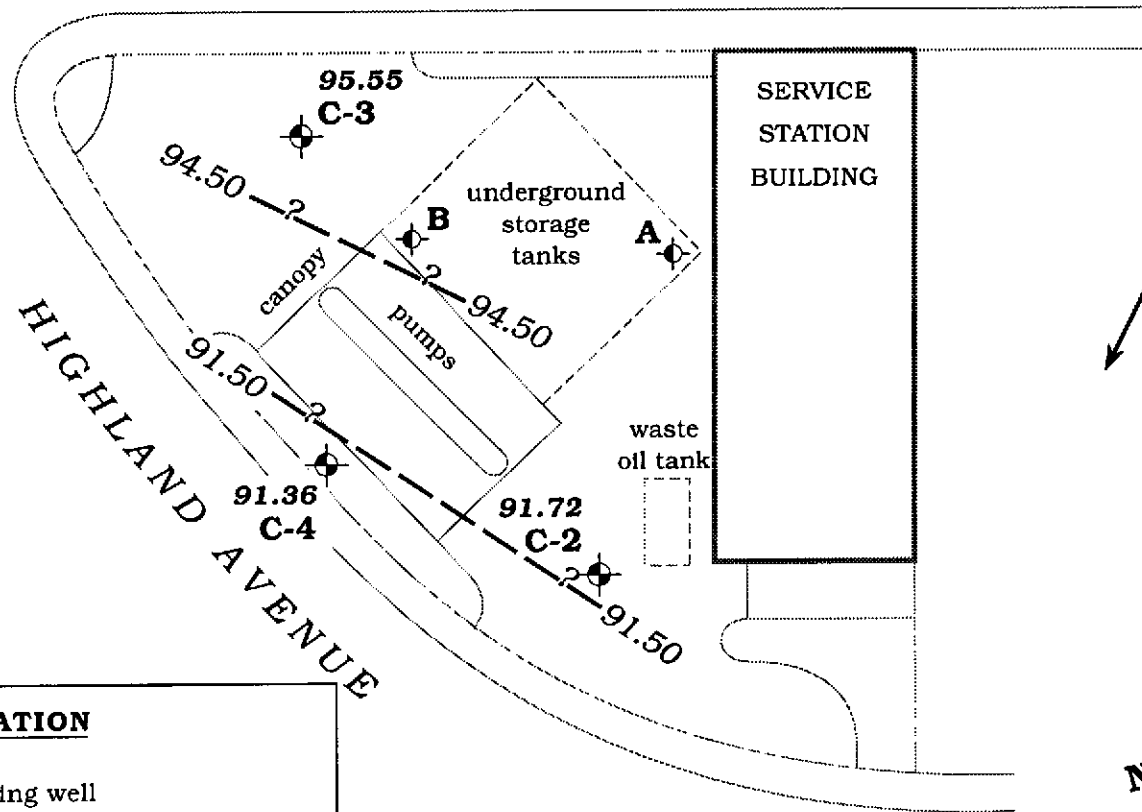
cc: Sheldon Nelson, CRTC

Attachments: Figure
Table
SES Standard Operating Procedure
Field Water Sampling Forms
Chain of Custody Document and Laboratory Analytic Reports



SIERRA

HIGHLAND WAY



EXPLANATION

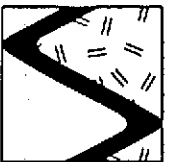
- C-3** Monitoring well
- B** Tank backfill well
- 95.55** Ground water elevation, in feet
- 91.50** Ground water elevation contour, dashed where inferred, queried where uncertain

Figure 1. Monitoring Well Locations and Ground Water Elevation Contour Map - July 6, 1994 - Chevron Service Station #9-0329, 340 Highland Avenue, Piedmont, California



Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-0329, 340 Highland Avenue, Piedmont, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) B T E X				
						←-----ppb-----→				
C-2/ 94.19	8/7/89	2.88	91.33	0	NS	34,000	580	60	170	270
	11/15/89	2.80	91.39	0	NS	8,100	500	36	420	180
	2/1/91	3.75	90.41	0	NS	6,800	490	21	310	86
	4/16/91	2.55	91.64	0	NS	9,600	810	43	550	270
	10/16/91	3.52	90.67	0	NS	7,100	320	23	200	60
	1/8/92	4.15	90.04	SHEEN	NS	2,400	190	9	83	22
	4/10/92	2.96	91.23	SHEEN	NS	6,600	550	33	340	170
	7/14/92	2.83	91.36	SHEEN	NS	9,000	680	330	580	690
	10/5/92	4.38	89.81	0	NS	5,500	250	17	130	82
	1/6/93	3.94	90.25	0	8015/8020	5,500	190	32	41	54
	3/29/93	2.09	92.10	0	8015/8020	19,000	670	40	180	370
	7/2/93	2.09	92.10	0	8015/8020	8,000 ²	1,100	41	420	500
	10/11/93	2.76	91.43	0	8015/8020	42,000	940	34	140	87
	1/10/94	4.82	89.37	0	8015/8020	12,000 ²	770	20	220	74
	4/6/94	2.49	91.70	0	8015/8020	40,000	820	33	190	110
	7/6/94	2.47	91.72	0	8015/8020	8,800	870	28	140	95
	C-3/ 97.65	8/7/89	4.29	93.36	0	NS	<50	<0.5	<1	<1
11/15/89		5.17	92.48	0	NS	<500	<0.5	2.8	<0.5	1.1
2/1/91		6.38	91.27	0	NS	<50	<0.5	<0.5	<0.5	<0.5
4/16/91		3.72	93.93	0	NS	<50	<0.5	<0.5	<0.5	<0.5
10/16/91		8.20	89.45	0	NS	<50	<0.5	<0.5	<0.5	<0.5
1/8/92		6.68	90.97	0	NS	<50	<0.5	<0.5	<0.5	<0.5
4/10/92		4.50	93.15	0	NS	<50	<0.5	<0.5	<0.5	<0.5
7/14/92		6.21	91.44	0	NS	<50	<0.5	<0.5	<0.5	<0.5
10/5/92		9.31	88.34	0	NS	<50	<0.5	<0.5	<0.5	<0.5
1/6/93		3.41	94.24	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
3/29/93		0.50	97.15	0	8015/8020	<50	<0.5	<0.5	<0.5	0.8
7/2/93		2.59	95.06	0	8015/8020	<50	4	3	<0.5	3
10/11/93		4.90	92.75	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
1/10/94		4.39	93.26	0	8015/8020	<50	<0.5	1	<0.5	0.8
4/6/94	2.68	94.97	0	8015/8020	<50	<0.5	1.0	0.7	4.5	
7/6/94	2.10	95.55	0	8015/8020	<50	2.2	4.1	<0.5	2.8	
C-4/ 95.60	8/7/89	DRY	---	---	NS	---	---	---	---	---
	11/15/89	4.95	90.65	0	NS	1,300	2.9	310	0.5	2.9
	2/1/91	4.78	90.82	0	NS	72	9	<0.5	<0.5	<0.5
	4/16/91	4.83	95.60	0	NS	<50	<0.5	<0.5	<0.5	<0.5



SIERRA

Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-0329, 340 Highland Avenue, Piedmont, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	-----ppb----->				
						TPPH(G)	B	T	E	X
C-4 (cont)	10/16/91	4.23	91.37	0	NS	<50	<0.5	<0.5	<0.5	<0.5
	1/8/92	4.81	90.79	0	NS	<50	<0.5	<0.5	<0.5	<0.5
	4/10/92	4.26	91.34	0	NS	<50	<0.5	<0.5	<0.5	<0.5
	7/14/92	4.28	91.32	0	NS	<50	<0.5	3.8	<0.5	<0.5
	10/5/92	4.29	91.31	0	NS	<50	<0.5	<0.5	<0.5	<0.5
	1/6/93	4.29	91.31	0	8015/8020	<50	0.7	<0.5	<0.5	<0.5
	3/29/93	4.30	91.30	0	8015/8020	<50	0.5	1	<0.5	2
	7/2/93	4.22	91.38	0	8015/8020	<50 ²	<0.5	<0.5	<0.5	<0.5
	10/11/93	4.30	91.30	0	8015/8020	<50	0.6	<0.5	<0.5	<0.5
	1/10/94	4.44	91.16	0	8015/8020	<50	0.7	3	<0.5	1
	4/6/94	4.24	91.36	0	8015/8020	130	2.2	5.4	3.3	24
	7/6/94	4.24	91.36	0	8015/8020	99	5.9	7.5	2.0	12
	A ¹ / ---	8/7/89	2.10	---	0.0	NS	1,000	50	6	5
11/15/89		2.04	---	0.0	NS	3,700	98	2.1	4.3	55
2/1/91		3.05	---	0.0	NS	36,000	1,100	750	130	6,100
4/16/91		2.01	---	0.0	NS	8,000	370	6	86	750
10/16/91		4.15	---	0.0	NS	---	---	---	---	---
B ¹ / ---	8/7/89	4.12	---	0.0	NS	---	---	---	---	---
	11/15/89	---	---	---	NS	---	---	---	---	---
	2/1/91	5.03	---	0.0	NS	---	---	---	---	---
	4/16/91	4.00	---	0.0	NS	---	---	---	---	---
	10/16/91	6.24	---	0.0	NS	---	---	---	---	---
Trip Blank TB-LB	1/6/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/29/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	1
	7/2/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	10/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	1/10/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	4/6/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	7/6/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
Bailer Blank (BB)	1/6/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	3/29/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	7/2/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	10/11/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5



Table 1. Water Level Data and Ground Water Analytic Results - Chevron Service Station #9-0329, 340 Highland Avenue, Piedmont, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G) ----->	B	T	E	X
						-----ppb-----				
BB	1/10/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
(cont)	4/6/94	---	---	---	8015/8020	<50	<0.5	0.7	<0.5	0.6

EXPLANATION:

TPPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
 B = Benzene
 T = Toluene
 E = Ethylbenzene
 X = Xylenes
 ppb = Parts per billion
 --- = Not analyzed/Not applicable
 NS = Not stated

NOTES:

Analytic data and ground water elevation data prior to January 6, 1993 compiled from the Quarterly Groundwater Monitoring Report prepared for Chevron by Groundwater Technology, Inc., December 2, 1992.

- ¹ Tank backfill wells.
- ² Laboratory reports that an uncategorized compound is not included in the gasoline hydrocarbon total.

ANALYTIC METHODS:

8015 = EPA Method 8015/5030 for TPPH(G)
 8020 = EPA Method 8020 for BTEX



SES STANDARD OPERATING PROCEDURE GROUND WATER SAMPLING

The following describes sampling procedures used by SES field personnel to collect and handle ground water samples. Before samples are collected, careful consideration is given to the type of analysis to be performed so that precautions are taken to prevent loss of volatile components or contamination of the sample, and to preserve the sample for subsequent analysis. Wells will be sampled no less than 24 hours after well development. Collection methods specific to ground water sampling are presented below.

Prior to sampling, each well is checked for the presence of free-phase hydrocarbons using an MMC flexi-dip interface probe. Product thickness (measured to the nearest 0.01 foot) is noted on the sampling form. Water level measurements are also made using either a water level meter or the interface probe. The water level measurements are also noted on the sampling form.

Prior to sampling, each well is purged of a minimum of three well casing volumes of water using a steam-cleaned PVC bailer, or a pre-cleaned pump. Temperature, pH and electrical conductivity are measured at least three times during purging. Purging is continued until these parameters have stabilized (i.e., changes in temperature, pH or conductivity do not exceed $\pm 0.5^\circ\text{F}$, 0.1 or 5%, respectively).

The purge water is taken to Chevron's Richmond Refinery for disposal.

Ground water samples are collected from the wells with Chevron designated disposable bailers. The water samples are decanted into the appropriate container for the analysis to be performed. Pre-preserved sample containers may be used or the analytic laboratory may add preservative to the sample upon arrival. Duplicate samples are collected from each well as a back-up sample and/or to provide quality control. The samples are labeled to include the project number, sample ID, date, preservative, and the field person's initials. The samples are placed in polyethylene bags and in an ice chest (maintained at 4°C) for transport under chain of custody to the laboratory.

The chain of custody form includes the project number, analysis requested, sample ID, date analysis and the SES field person's name. The form is signed and dated (with the transfer time) by each person who yields or receives the samples beginning with the field personnel and ending with the laboratory personnel.

A trip blank accompanies each sampling set, or 5% trip blanks are included for sets of greater than 20 samples. The trip blank is analyzed for some or all of the same compounds as the ground water samples.



WATER SAMPLING DATA

Job Name Piedmont Job Number 1-294-04 Sampler J. C and L.C
 Well Number C-2 Date 07/06/94 Well Diameter 2"
 Sample Point Location/Description on site NEAR WATER & AIR Well Depth (spec.) _____
 Depth to Water (static) 2.47 Well Depth (sounded) 17
 Initial height of water in casing 14.53 Volume 2.36 gallons
 Volume to be purged 2.0 gallons
 Purged With SUB. pump Sampled With disposable water
 Pumped or Bailed Dry? Yes No Time 4:06 After 4 gallons
 Water level at sampling _____ Percent Recovery _____

Formulas/Conversions
 r = well radius in ft
 h = ht of water col. in ft
 vol. in cyl. = $\pi r^2 h$
 7.48 gal/ft³
 V_{2"} casing = 0.163 gal/ft
 V_{3"} casing = 0.367 gal/ft
 V_{4"} casing = 0.653 gal/ft
 V_{4.5"} casing = 0.826 gal/ft
 V_{6"} casing = 1.47 gal/ft
 V_{8"} casing = 2.61 gal/ft

CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
4:00 pm	4:03	3	3	6.8	77	610	
	4:05	3	6	6.9	76	690	
dry	→	1	7	dry	→		

SAMPLES COLLECTED Time 4:20 pm Total volume purged (gal.) 4
 Water color GREY Odor Hydro carbon
 Description of sediments or material in sample: Sediment
 Additional Comments: _____

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-2	3	1	—	Hcl	Y	GTel	g/BTex

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);
 5 = Other _____; 6 = Other _____



WATER SAMPLING DATA

Job Name Piedmont Job Number 1-294-04 Sampler J. C. and L.C.
 Well Number C-3 Date 07/06/94 Well Diameter 2"
 Sample Point Location/Description ON SITE NEAR Highland Ave. & Vista Ave. ENTRANCE Well Depth (spec.) 16
 Depth to Water (static) 2.1 Well Depth (sounded) 76
 Initial height of water in casing 13.9 Volume ~~2.26~~ 7.0 gallons 2.26
 Volume to be purged 7.0 gallons
 Purged With SUB. PUMP Sampled With disposable baster
 Pumped or Bailed Dry? Yes No Time After gallons
 Water level at sampling Percent Recovery

Formulas/Conversions
 r = well radius in ft
 h = ht of water col. in ft
 vol. in cyl. = $\pi r^2 h$
 7.48 gal/ft³
 V_{2"} casing = 0.163 gal/ft
 V_{3"} casing = 0.367 gal/ft
 V_{4"} casing = 0.653 gal/ft
 V_{4.5"} casing = 0.826 gal/ft
 V_{6"} casing = 1.47 gal/ft
 V_{8"} casing = 2.61 gal/ft

CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
3:31	3:34	3	3	8.0	76	280	
	3:37	3	6	8.0	76	160	
	3:38	1	7	8.0	76	150	

SAMPLES COLLECTED Time 3:48 Total volume purged (gal.) 7
 Water color Cloudy Odor None
 Description of sediments or material in sample: Brown sediments
 Additional Comments:

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-3	3	1	—	HCL	Y	BTEL	g/BTEL

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);
 5 = Other _____; 6 = Other _____



WATER SAMPLING DATA

Job Name Piedmont Job Number 1-294-04 Sampler J.C. and L.C.
 Well Number C-4 Date 07/06/94 Well Diameter 2"
 Sample Point Location/Description ON SITE North of Highland Ave. in plant Well Depth (spec.) 10
 Depth to Water (static) 4.24 Well Depth (sounded) 10
 Initial height of water in casing 5.76 Volume 0.93 gallons
 Volume to be purged 2.8 gallons
 Purged With SUB. PUMP Sampled With disposable water
 Pumped or Bailed Dry? Yes No Time 2.54 After 2 gallons
 Water level at sampling _____ Percent Recovery _____

Formulas/Conversions
 r = well radius in ft
 h = ht of water col. in ft
 vol. in cyl. = $\pi r^2 h$
 7.48 gal/ft³
 V_{2"} casing = 0.163 gal/ft
 V_{3"} casing = 0.367 gal/ft
 V_{4"} casing = 0.653 gal/ft
 V_{4.5"} casing = 0.826 gal/ft
 V_{6"} casing = 1.47 gal/ft
 V_{8"} casing = 2.61 gal/ft

CHEMICAL DATA

Purge Time		Purge Volume (gal.)	Cumulative (gal.)	pH	Temp (°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
3.50	3.52	1	1	7.5	78	400	
	3.54	1	2	7.0	77	360	
Dry	→	1	3	dry	→	→	

SAMPLES COLLECTED Time 4:10pm Total volume purged (gal.) _____
 Water color _____ Odor Light Smell (Hydrocarbon)
 Description of sediments or material in sample: Brown sediments
 Additional Comments: _____

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-4	3	1	—	HCL	Y	BTEL	g/STX

Container Type Codes: 1 = 40 ml clear VOA/Teflon septa; 2 = Brown glass/teflon lined cap (specify size);
 3 = Clear glass/teflon lined cap (specify size); 4 = Polyethylene/polyethylene cap (specify size);
 5 = Other _____; 6 = Other _____



ENVIRONMENTAL
LABORATORIES, INC.

4080 Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
(800) 423-7143 Outside CA
(510) 825-0720 FAX

July 12, 1994

Ed Morales
Sierra Environmental Services
P.O. 2546
Martinez, CA 94553

RE: GTEL Client ID: SIE01CHV08
Login Number: C4070109
Project ID (number): SIE01CHV08
Project ID (name): Chevron, 9-0329, 340 Highland Ave., Piedmont, CA

Dear Ed Morales:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 07/07/94.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified by the Department of Health Service under Certification Number E1075.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director

GTEL Client ID: SIE01CHV08
Login Number: C4070109
Project ID (number): SIE01CHV08
Project ID (name): Chevron, 9-0329, 340 Highland Ave., Piedmont, CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Method Blank Results

QC Batch No: E071194-1
Date Analyzed: 11-JUL-94

Analyte	Method: EPA 8020	Concentration: ug/L
Benzene	< 0.30	
Toluene	< 0.30	
Ethylbenzene	< 0.30	
Xylenes (Total)	< 0.50	
TPH as Gasoline	< 10.0	

Notes:

GTEL Client ID: SIE01CHV08
 Login Number: C4070109
 Project ID (number): SIE01CHV08
 Project ID (name): Chevron, 9-0329, 340 Highland Ave., Piedmont, CA

QUALITY CONTROL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Aqueous

Matrix Spike and Matrix Spike Duplicate Results

Analyte	Original Concentration	Spike Amount	Matrix Spike	Matrix Spike	Matrix Spike Duplicate	Matrix Spike Duplicate	Acceptability Limits		
			Concentration	Recovery, %	Concentration	Recovery, %	RPD, %	RPD, %	Recovery, %
EPA 8020	GTEL Sample ID:C4070053-04		Spike ID:E071194-3		Dup. ID:E071194-4				
Units: ug/L	Analysis Date:11-JUL-94		11-JUL-94		11-JUL-94		Client ID:Batch QC		
Benzene	< 0.30	20.0	20.7	104.	21.4	107.	2.8	34	57.3-138%
Toluene	< 0.30 **	20.0	20.4	102.	20.7	104.	1.9	31	63-134%
Ethylbenzene	< 0.30	20.0	20.2	101.	20.5	103.	1.9	38	59.3-137%
Xylenes (Total)	< 0.60 **	60.0	63.3	106.	64.3	107.	0.9	31	59.3-144%

Notes:

** : C4070053-04: Toluene: For data validation purposes an estimated concentration of 0.175, which is below the reporting limit, was used to calculate the spike recovery results.

C4070053-04: Xylenes (Total): For data validation purposes an estimated concentration of 0.213, which is below the reporting limit, was used to calculate the spike recovery results.

GTEL Client ID: SIE01CHV08
 Login Number: C4070109
 Project ID (number): SIE01CHV08
 Project ID (name): Chevron, 9-0329, 340 Highland Ave., Piedmont, CA

ANALYTICAL RESULTS

Volatile Organics
 Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	C4070109-01	C4070109-02	C4070109-03	C4070109-04
Client ID	C-3	C-4	C-2	TB/LB
Date Sampled	07/06/94	07/06/94	07/06/94	07/06/94
Date Analyzed	07/11/94	07/11/94	07/11/94	07/11/94
Dilution Factor	1.00	1.00	25.0	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
Benzene	0.5	ug/L	2.2	5.9	870	< 0.5
Toluene	0.5	ug/L	4.1	7.5	28.	< 0.5
Ethylbenzene	0.5	ug/L	< 0.5	2.0	140	< 0.5
Xylenes (total)	0.5	ug/L	2.8	12.	95.	< 0.5
TPH as GAS	50.	ug/L	< 50.	99.	8800	< 50.
BFB (Surrogate)	--	%	108.	109.	97.5	99.7

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste. Physical and Chemical Methods. SW-846". Third Edition, Revision 1. US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 62-129%. Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap.

C4070109-02:

Uncategorized compound is not included in gasoline concentration.

C4070109-03:

Uncategorized compound is not included in gasoline concentration.

GTEL Concord, CA
 C4070109:1



Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-C529
Facility Address 340 Highland Ave, Piedmont
Consultant Project Number 1-294-04
Consultant Name Sierra Environmental Services
Address P.O. Box 2546 Martinez, CA
Project Contact (Name) Ed Morales
(Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) Leri Kass
(Phone) 842-8752
Laboratory Name ETEL
Laboratory Release Number 8618131
Samples Collected by (Name) Carol Eaton Joe Carter
Collection Date 7/6/94
Signature Joe Carter

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed									Note:		
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
C-3	01	3	↓	G	3:48	HCL	✓	✓											Do Not Bill TB-LB Samp ONIC8A5 & SEA/INTACS Remarks Analytic ↓ C4070109
C-4	02	1	↓		4:10	↓		✓											
C-2 (INT)	03	1	↓	↓	4:20	↓		✓											
TB/LB	04	2	↓	↓	—	↓		✓											

Jul 7/2/94

C4070109

Relinquished By (Signature)
Joe Carter
Relinquished By (Signature)
[Signature]
Relinquished By (Signature)
John Weber

Organization
SES
SES
GTEL

Date/Time
5:30 07/06/94
15:30 7-7-94
16:00 7-7-94

Received By (Signature)
[Signature]
John Weber
Received For Laboratory By (Signature)
[Signature]

Organization
SES
GTEL

Date/Time
9:30 7/6/94
15:30 7-7-94
16:00 7/7/94

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

COC-3.DWG/03.91/HCH