SIERRA
Environmental Services

February 8, 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 for the first quarter of 1995 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 January 6, 1995, 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 January 6, 1995 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.

REGISTERED PROFESSIONAL ENGINEER
CHRIS J. BRAMER
C 048846
CIVIL
STATE OF CALIFORNIA

Sincerely,
Sierra Environmental Services

Richard (Rick) E. Hilton
Staff Environmental Scientist

Chris J. Bramer
Professional Engineer #C48846

REH/CJB/wmc
29404QM.FE5

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

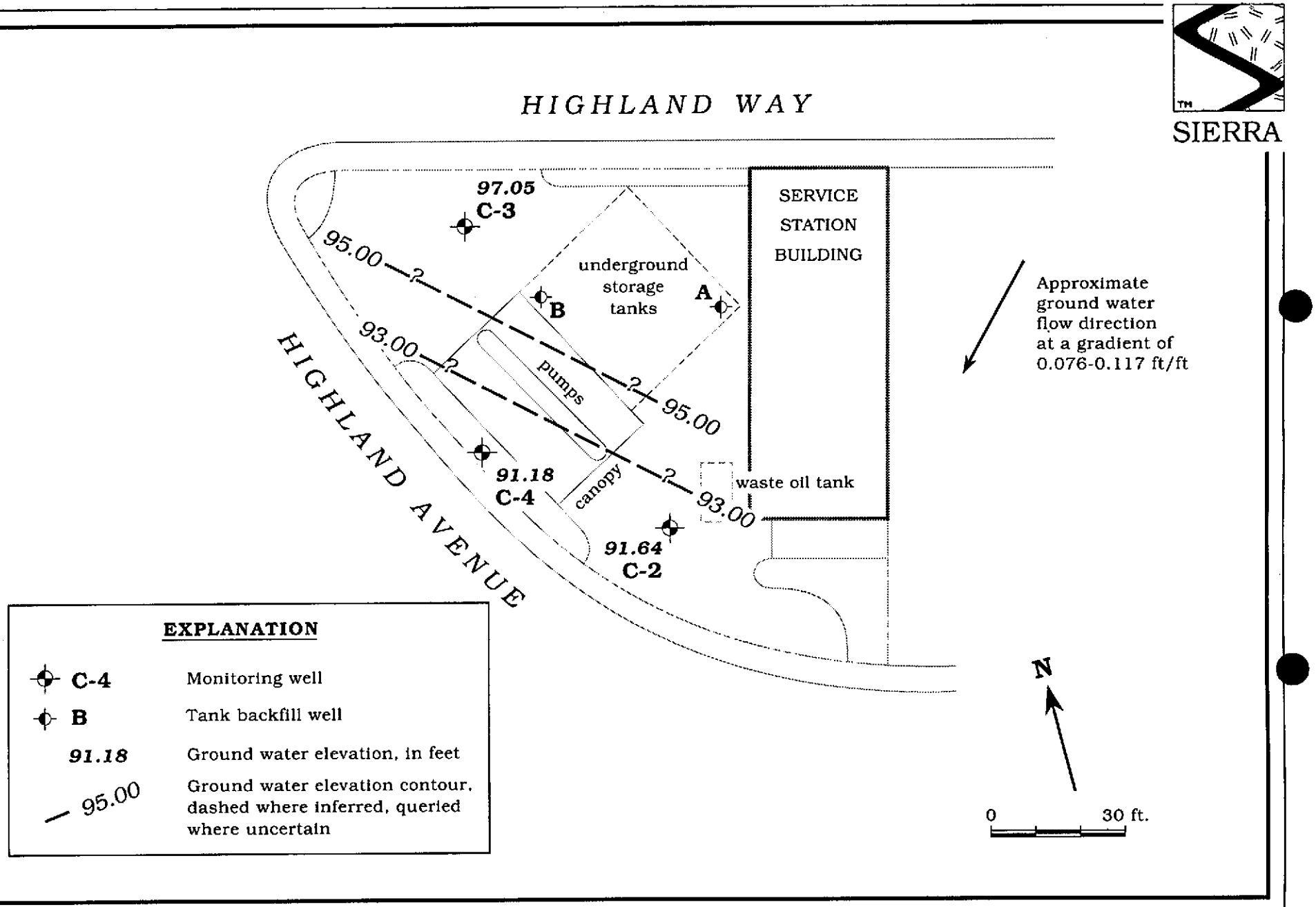

Figure 1. Monitoring Well Locations and Ground Water Elevation Contour Map - January 6, 1995 - Chevron Service Station #9-0329, 340 Highland Avenue, Piedmont, California

1-294-04 2/1/95

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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
	11/11/94	2.87	91.32	0	8015/8020	8,600[2]	460	81	180	120
	1/6/95	**2.55**	**91.64**	**0**	**8015/8020**	**15,000[2]**	**880**	**48**	**270**	**140**
C-3/ 97.65	8/7/89	4.29	93.36	0	NS	<50	<0.5	<1	<1	<3
	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
	11/11/94	1.23	96.42	0	8015/8020	<50	<0.5	0.8	<0.5	<0.5
	1/6/95	**0.60**	**97.05**	**0**	**8015/8020**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

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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---------->				
C-4/	8/7/89	DRY	---	---	NS	---	---	---	---	---
95.60	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
	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
	11/11/94	4.21	91.39	0	8015/8020	<50	<0.5	9.5	<0.5	<0.5
	1/6/95	**4.42**	**91.18**	**0**	**8015/8020**	**<50[2]**	**0.7**	**1.0**	**<0.5**	**1.1**
A[1]/	8/7/89	2.10	---	0.0	NS	1,000	50	6	5	22
---	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	1/6/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
TB-LB	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

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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---------->				
TB-LB (cont)	11/11/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	1/6/95	**---**	---	**---**	**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
	1/10/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	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

ANALYTIC METHODS:

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

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 (GTEL).

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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 ±0.5°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.

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WATER SAMPLING DATA

Job Name 340 Highland Piedmont. Job Number 1-294-04 Sampler J.C.

Well Number TB Date 1-6-95 Well Diameter

Sample Point Location/Description Well Depth (spec.)

Depth to Water (static) Well Depth (sounded)

Initial height of water in casing Volume gallons

Volume to be purged gallons

Purged With Sampled With

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

SAMPLES COLLECTED Time Total volume purged (gal.)

Water color Odor

Description of sediments or material in sample:

Additional Comments:

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
TB-LB	2	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

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WATER SAMPLING DATA

Job Name 340 Highland Pleasant. Job Number 1-294-04 Sampler J.C.

Well Number C-2 Date 1-6-95 Well Diameter 2"

Sample Point Location/Description ON SITE South West of Service Station Bldg. Well Depth (spec.) 17

Depth to Water (static) 2.55 Well Depth (sounded) —

Initial height of water in casing 14.45 Volume 2.35 gallons

Volume to be purged 7 gallons

Purged With PUMP Sampled With DISP. BAILER

Pumped or Bailed Dry? ___ Yes X 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 °F	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
12:16	12:18	2	2	7.9	60	1250	
	12:21	3	5	7.8	59	1220	
	12:23	2	7	7.7	61	1200	

SAMPLES COLLECTED Time 12:30 Total volume purged (gal.) 7

Water color Cloudy Odor Hydrocarbon odor

Description of sediments or material in sample: some sed.

Additional Comments: THIN GREASY Film AT - TOP of SAMPLE

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-2	2	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 ___

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WATER SAMPLING DATA

Job Name 340 Highland Piedmont. Job Number 1-294-04 Sampler J.C.

Well Number C-3 Date 1.6.95 Well Diameter 2"

Sample Point Location/Description ON S.TE South of Highland Way Well Depth (spec.) 16

Depth to Water (static) 6.06 Well Depth (sounded) —

Initial height of water in casing 15.4 Volume 2.5 gallons

Volume to be purged 8 gallons

Purged With PUMP Sampled With DISP. BAILER

Pumped or Bailed Dry? ___ Yes X 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 °F	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
11:55	11:57	2	2	7.9	60	140	
	12:00	3	5	8.0	59	110	
	12:03	3	8	8.0	59	110	

SAMPLES COLLECTED Time 12:10 Total volume purged (gal.) 8

Water color Cloudy Odor NONE

Description of sediments or material in sample: SOME SED.

Additional Comments: —

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

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WATER SAMPLING DATA

Job Name 340 HIGHLAND PLEASANT. Job Number 1-294-04 Sampler J.C.

Well Number C-4 Date 1.6.95 Well Diameter 2"

Sample Point Location/Description ON SITE EAST of HIGHLAND AVE. Well Depth (spec.) 10

Depth to Water (static) 4.42 Well Depth (sounded) —

Initial height of water in casing 5.58 Volume 90 gallons

Volume to be purged 3 gallons

Purged With PUMP Sampled With DISP. BAILER

Pumped or Bailed Dry? ___ Yes X 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 (°F)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
11:38	11:39	1	1	7.9	60	470	
	11:40	1	2	7.8	61	458	
	11:41	1	3	7.8	61	440	

SAMPLES COLLECTED Time 11:50 Total volume purged (gal.) 3

Water color Cloudy Odor NONE

Description of sediments or material in sample: BLACK SED.

Additional Comments: —

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
C-4	2	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 ___

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☐ No

Chain-of-Custody-Record

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

Chevron Facility Number: 9-0329
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): KEN KHAN
(Phone) 842-8752
Laboratory Name: GTEL
Laboratory Release Number: 8618131
Samples Collected by (Name): Joe Carter
Collection Date: 1/6/95
Signature: Joe Carter

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: 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)						Remarks
TB-LB	01	2	W	G	—	HCl	Y	/													ANALYZE
C-4	02	↓	↓	↓	11:50AM	↓	↓	/													↓
C-3	03				12:10			/													
C-2	04				12:30			/													
															C5	01	00	49			

Note:
Do Not Bill
TB-LB Samples

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Joe Carter	SES	1/6/95 1600			
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received for Laboratory By (Signature)		Date/Time
			Ronald C. Arneson		1/6/95 16:00

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

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Northwest Region
4080-C Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 *from inside California*
(800) 423-7143 *from outside California*
(510) 825-0720 (FAX)

January 9, 1995

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

RE: GTEL Client ID: SIE01CHV08
Login Number: C5010049
Project ID (number): 1-294-04
Project ID (name): Chevron/#9-03299/340 Highland Ave., Piedmont, CA

Dear Mr. Ed Morales:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 01/06/95.

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: C5010049
Project ID (number): 1-294-04
Project ID (name): Chevron/#9-03299/340 Highland Ave., Piedmont, CA

ANALYTICAL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	C5010049-01	C5010049-02	C5010049-03	C5010049-04
Client ID	TB-LB	C-4	C-3	C-2
Date Sampled	01/06/95	01/06/95	01/06/95	01/06/95
Date Analyzed	01/07/95	01/08/95	01/08/95	01/07/95
Dilution Factor	1.00	1.00	1.00	10.0

Analyte	Reporting Limit	Units	Concentration:			
Benzene	0.5	ug/L	< 0.5	0.7	< 0.5	880
Toluene	0.5	ug/L	< 0.5	1.0	< 0.5	48.
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	270
Xylenes (total)	0.5	ug/L	< 0.5	1.1	< 0.5	140
TPH as GAS	50.	ug/L	< 50.	< 50.	< 50.	15000
BFB (Surrogate)	--	%	104.	101.	101.	100.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including promulgated Update 1. Acceptability limits for recovery in the Bromofluorobenzene (BFB) surrogate is 62-129%. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual protocols, May 1988 revision.

C5010049-02:

Uncategorized compound is not included in gasoline concentration.

C5010049-04:

Uncategorized compound is not included in gasoline concentration.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: SIE01CHV08 QUALITY CONTROL RESULTS

Login Number: C5010049 Volatile Organics

Project ID (number): 1-294-04 Method: EPA 8020

Project ID (name): Chevron/#9-03299/340 Highland Ave., Piedmont, CA Matrix: Aqueous

Method Blank Results

QC Batch No: M010795-1

Date Analyzed: 07-JAN-95

Analyte	Method: EPA 8020 Concentration: ug/L
Benzene	< 0.30
Toluene	< 0.30
Ethylbenzene	< 0.30
Xylenes (Total)	< 0.50
TPH as Gasoline	< 10.

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: SIE01CHV08
Login Number: C5010049
Project ID (number): 1-294-04
Project ID (name): Chevron/#9-03299/340 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 Concentration	Matrix Spike Recovery, %	Matrix Spike Duplicate Concentration	Matrix Spike Duplicate Recovery, %	RPD, %	Acceptability Limits RPD, %	Acceptability Limits Recovery, %
EPA 8020	GTEL Sample ID:C4120408-10		Spike ID:M010795-3		Dup. ID:M010795-4				
Units: ug/L	Analysis Date:06-JAN-95		07-JAN-95		08-JAN-95		Client ID:Batch QC		
Benzene	< 0.30	20.0	18.9	94.5	18.5	92.5	2.1	34	57.3-138%
Toluene	< 0.30	20.0	20.1	101.	19.0	95.0	6.1	31	63-134%
Ethylbenzene	< 0.30	20.0	19.6	98.0	19.0	95.0	3.1	38	59.3-137%
Xylenes (Total)	< 0.60	60.0	61.7	103.	60.3	101.	1.9	31	59.3-144%

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.