GETTLER-RYAN INC.

August 29, 1995

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

Re: Former Chevron Service Station #9-3356
19201 Center Street
Castro Valley, CA
Job #5202.80

Dear Mr. Kan:

This report documents the groundwater sampling event performed by Gettler-Ryan, Inc. (G-R). On August 1, 1995, field personnel were on-site to gauge and sample three wells (MW-1, MW-2 and MW-3) at Former Chevron Service Station #9-3356 located at 19201 Center Street in Castro Valley, California.

Static groundwater levels were measured on August 1, 1995. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the site wells. Static water level data and groundwater elevations are presented in Table 1. A potentiometric map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by Sequoia Analytical, Inc. Analytic results are presented in Table 1. The chain of custody document and laboratory analytic reports are enclosed. G-R is not responsible for laboratory omissions or errors.

Thank you for allowing Gettler-Ryan to provide environmental services to Chevron. Please call if you have any questions or comments regarding this report.

Sincerely,

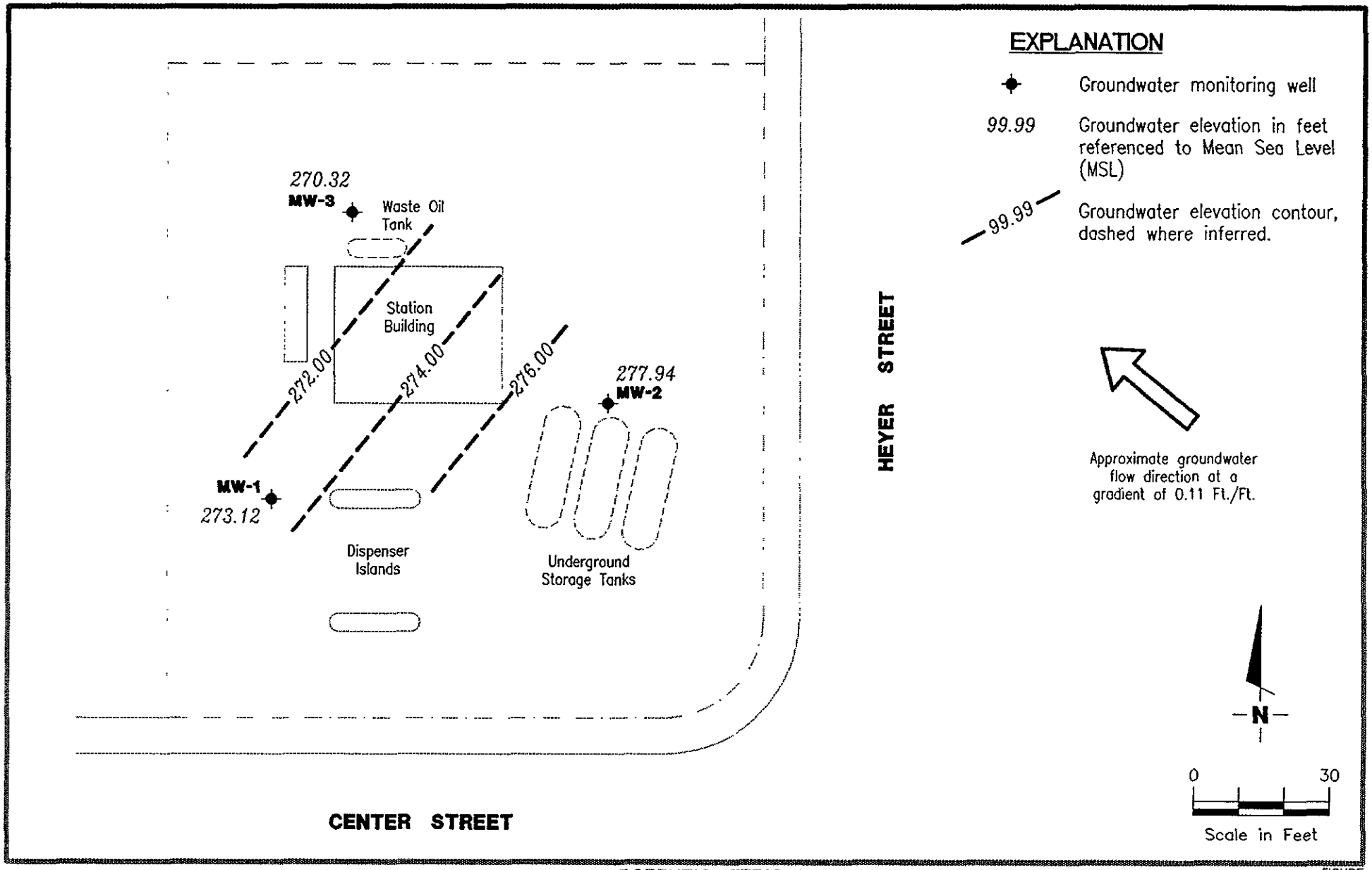
Argy Leyton
Environmental Project Manager

Stephen J. Carter
Senior Geologist, R.G. 5577

REGISTERED GEOLOGIST
STEPHEN J. CARTER
No. 5577
STATE OF CALIFORNIA

AML/SJC/dlh
5202.QML

Figure 1: Potentiometric Map
Table 1: Water Level Data and Groundwater Analytic Results
Attachments: Standard Operating Procedure
Field Data Sheets
Chain of Custody Document and Laboratory Analytic Reports



Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

POTENTIOMETRIC MAP
Chevron Service Station No. 9-3356
19201 Center Street
Castro Valley, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5202.80		August 1, 1995	

Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-3356, 19201 Center Street, Castro Valley, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	ORG-Pb
					<----------ppb---------->					
MW-1	09/06/89	18.25	266.97	---	<1.000	<0.5	<0.5	<0.5	<0.5	<50
285.22	09/12/89	18.39	266.83	---	---	---	---	---	---	---
	11/20/89	18.06	267.16	---	<500	<0.3	<0.3	<0.3	<0.6	<50
	02/22/90	18.04	267.18	---	<50	<0.3	<0.3	<0.3	<0.6	<50
	05/29/90	18.55	266.67	---	<50	0.3	<0.3	<0.3	<0.6	<50
	09/27/90	19.13	266.09	---	<50	<0.3	<0.3	<0.3	<0.6	---
	01/16/91	19.32	265.90	---	<50	<0.5	<0.5	<0.5	<0.5	---
	09/19/91	19.36	265.86	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	19.81	265.41	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	19.81	265.41	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/15/92	18.04	267.18	---	<50	<0.5	<0.5	<0.5	<0.5	---
	07/22/92	18.75	266.47	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/14/92	19.25	265.97	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/13/93	17.12	268.10	---	<50	<0.5	0.8	<0.5	0.8	---
	04/29/93	15.38	269.84	0.00	<50	<0.5	<0.5	<0.5	<1.5	---
	07/26/93	15.71	269.51	0.00	<50	<0.5	<0.5	<0.5	<1.5	---
	10/25/93	16.22	269.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	---
	08/01/95	**12.10**	**273.12**	**0.00**	**<50[4]**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**
MW-2/	09/06/89	13.72	272.44	---	23	1	4	1	4	<50
286.16	09/12/89	13.97	272.19	---	---	---	---	---	---	---
	11/20/89	13.81	272.35	---	<500	<0.3	<0.3	<0.3	<0.6	<50
	02/22/90	13.68	272.48	---	<50	<0.3	<0.3	<0.3	<0.6	<50
	05/29/90	13.92	272.24	---	<50	2	<0.3	<0.3	<0.6	<50
	09/27/90	14.75	271.41	---	<50	<0.3	<0.3	<0.3	<0.6	---
	01/16/91	14.44	271.72	---	<50	9	<0.5	<0.5	2	---
	09/19/91	14.46	271.70	---	<50	<0.5	<0.5	<0.5	<0.5	---
	09/19/91	14.46	271.70	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	14.73	271.43	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/15/92	13.03	273.13	---	<50	<0.9	<0.5	<0.5	<0.5	---
	07/22/92	13.83	272.33	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/14/92	14.35	271.81	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/13/93	12.34	273.82	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/29/93	11.36	274.80	0.00	<50	<0.5	<0.5	<0.5	<1.5	---
	07/26/93	11.00	275.16	0.00	830[1]	<0.5	<0.5	<0.5	<1.5	---
	10/25/93	11.44	274.72	0.00	<50	<0.5	<0.5	<0.5	<0.5	---
	08/01/95	**8.22**	**277.94**	**0.00**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**

Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-3356, 19201 Center Street, Castro Valley, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	ORG-Pb
					<----------ppb---------->					
MW-3	09/06/89[2]	18.73	265.73	---	<1.0	<0.5	<0.5	<0.5	<0.5	<50
284.46	09/12/89	17.78	266.68	---	---	---	---	---	---	---
	11/20/89[3]	17.65	266.81	---	<500	<0.3	<0.3	<0.3	<0.6	<50
	02/22/90[3]	16.84	267.62	---	<50	<0.3	<0.3	<0.3	<0.6	<50
	05/29/90[3]	17.13	267.33	---	<50	<0.3	<0.3	<0.3	<0.3	<50
	09/27/90	18.38	266.08	---	<50	<5	<5	<5	<5	---
	09/27/90[3]	18.38	266.08	---	<50	---	---	---	---	---
	01/16/91	18.28	266.18	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/16/91	18.28	266.18	---	<50	<0.5	<0.5	<0.5	<0.5	---
	09/19/91	17.62	266.84	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	17.62	266.84	---	<50	<0.5	<0.5	<0.5	<0.5	---
	07/22/92	15.22	269.24	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/15/92	16.66	267.80	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/14/92	17.57	266.89	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/13/93	14.12	270.34	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/29/93	14.04	270.42	0.00	<50	<0.5	<0.5	<0.5	<1.5	---
	07/26/93	15.25	269.21	0.00	<50	<0.5	<0.5	<0.5	<1.5	---
	10/25/93	16.29	268.17	0.00	<50	<0.5	<0.5	<0.5	<0.5	---
	08/01/95	**14.14**	**270.32**	**0.00**	**<50**[4,5,6]	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**
TB-LB	11/20/89	---	---	---	<500	<0.3	<0.3	<0.3	<0.3	---
	02/22/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	---
	05/29/90	---	---	---	<50	<0.3	<0.3	<0.3	<0.3	---
	09/27/90	---	---	---	<50	---	---	---	---	---
	01/16/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	09/19/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/15/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	07/22/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/14/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/13/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	04/29/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	07/26/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/25/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	08/01/95	**---**	**---**	**---**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**---**
Rinseate	09/27/90	---	---	---	<50	---	---	---	---	---
	01/16/91	---	---	---	---	---	---	---	---	---
	09/19/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	01/23/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---

Table 1. Water Level Data and Groundwater Analytic Results - Chevron Service Station #9-3356, 19201 Center Street, Castro Valley, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	ORG-Pb
					<----------ppb---------->					
Rinseate (cont)	04/15/92	—	---	—	<50	<0.5	<0.5	<0.5	<0.5	---
	07/22/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/14/92	---	—	---	<50	<0.5	<0.5	<0.5	<0.5	---

EXPLANATION:

DTW = Depth to water
TOC = Top of casing elevation
GWE = Groundwater elevation
msl = Measurements referenced relative to mean sea level
TPPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
TPPH(D) = Total Purgeable Petroleum Hydrocarbons as Diesel
ORG-Pb = Organic Lead
O&G = Oil & Grease
ppb = Parts per billion
(D) = Duplicate
--- = Not applicable/Not available

NOTES:

Groundwater elevation data and laboratory analytic results prior to August 1, 1995 were compiled from the quarterly groundwater monitoring reports prepared for Chevron by Groundwater Technology.

[1] Gasoline range concentration reported. The pattern of peaks observed in the chromatogram shows only single peak in the gasoline range.
[2] Total Oil & Grease was detected at 1,000 ppb.
[3] Total Oil & Grease was non-detectable at detection limit of <1,000 ppb.
[4] Laboratory report indicates uncategorized compound is not included in the gasoline concentration.
[5] Well also analyzed for O&G. O&G not detected at detection limit of 5,000 ppb.
[6] Well also analyzed for TPH(D). TPH(D) was not detected at detection limit of 50 ppb.

STANDARD OPERATING PROCEDURE
QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan 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 pevention 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 a MMC flexi-dip 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 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 analytic 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, preservative (if any), and the sample collector's initials. The water samples are placed in cooler maintained at 4 C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivery 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 USA Products Company, the purge and decontamination water generated during sampling activities is taken to Chevron's Richmond Refinery for disposal.

WELL SAMPLING FIELD DATA SHEET

SAMPLER: Guadalupe Sanchez | DATE: 8-1-95

ADDRESS: 19201 Center St | JOB #: 5202.80

CITY: Castro Valley | SS#: 9-3356

Well ID: MW-1 | Well Condition: Broken well box

Well Location Description: SE of property ~ 15' from the Video Magic Parking lot

Well Diameter: 4 in | Hydrocarbon Thickness: -0-

Total Depth: 34.9 ft

Depth to Liquid: 12.10 ft

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

10 # of casing Volume: 22.80 x .66 x(VF) 15.0 #Estimated purge Volume: 150 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Disposable Bailer

Did well dewater: NO | If yes, Time: ___ | Volume: ___

Starting Time: 11:00 | Purging Flow Rate: 2.5 gpm.

Sampling Time: 1202

Time	pH	Conductivity	Temperature	Volume
11:06	6.0	1570	72.5	15 gal
11:12	6.0	1480	71.7	30 gal
11:18	5.9	1510	71.8	45 gal
11:24	5.9	1520	71.8	60 gal
11:30	5.8	1630	71.9	75 gal

Weather Conditions: Sunny / hot

Water Color: clear | Odor: none

Sediment Description: -0-

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-1	3X40ml	Y	HCl	~~Sequoia~~ GTEL	Gas BTXE

Comments: ___

2 of 2

WELL SAMPLING FIELD DATA SHEET

SAMPLER: Guadalupe Sanchez | DATE: 8-1-95

ADDRESS: 19201 Center St | JOB #: 5202.80

CITY: Castro Valley | SS#: 9-3356

Well ID: MW-1 | Well Condition: Broken well box

Well Location Description: SE of property ~15' from the Video Magic Parking lot

Well Diameter: 4 in | Hydrocarbon Thickness: ⊖

Total Depth: 34.9 ft

Depth to Liquid: 12.10 ft

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

# of casing Volume: 22.80 x .66 x(VF) 15.0 #Estimated purge Volume: 150 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Disposable Bailer

Did well dewater: NO | If yes, Time: ___ | Volume: ___

Starting Time: 11:00 | Purging Flow Rate: 2.5 gpm.

Sampling Time: 1202

Time	pH	Conductivity	Temperature	Volume
1136	5.7	1650	71.9	90 gal
1142	6.0	1810	71.6	105 gal
1148	6.3	1880	71.8	120 gal
1154	6.4	1850	71.8	135 gal
1200	6.5	1740	72.0	150 gal
1202	6.4	1780	71.9	151 gal

Weather Conditions: sunny / hot

Water Color: Clear | Odor: none

Sediment Description: ⊖

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-1	3X40ml	Y	HCl	GTEL	Gas BTXE

Comments: ___

WELL SAMPLING FIELD DATA SHEET

SAMPLER: Guadalupe Sanchez | DATE: 8-1-95

ADDRESS: 19201 Center St | JOB #: 5202.80

CITY: Castro Valley | SS#: 9-3356

Well ID: MW-2 | Well Condition: OK

Well Location Description: Middle of lot ~ 30 from sidewalk on Meyer Ave

Well Diameter: 4 in | Hydrocarbon Thickness:

Total Depth: 30.1 ft

Depth to Liquid: 8.22 ft

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

10 # of casing Volume: 21.88 x .66 x(VF) 14.4 #Estimated purge Volume: 144 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Disposable Bailer

Did well dewater: Yes | If yes, Time: 1433 | Volume: 75 gal

Starting Time: 1403 | Purging Flow Rate: 2.5 gpm.

Sampling Time: 1440

Time	pH	Conductivity	Temperature	Volume
1409	7.2	1280	71.6	15 gal
1415	6.8	1100	72.5	30
1421	6.8	1160	71.9	45
1427	6.9	1180	71.9	60
1433	7.1	1270	72.4	75
1440	7.2	1260	72.1	76

Weather Conditions: Sunny / Hot

Water Color: Clear | Odor: none

Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-2	3X40ml	Y	HCl	GTEL	Gas BTXE

Comments:

1 of 2

WELL SAMPLING FIELD DATA SHEET

SAMPLER: Guadalupe Sanchez | DATE: 8-1-95

ADDRESS: 19201 Center St | JOB #: 5202.80

CITY: Castro Valley | SS#: 9-3356

Well ID: MW-3 | Well Condition: OK

Well Location Description: SW of property lot ~20 from the light post on Parking lot

Well Diameter: 4 in | Hydrocarbon Thickness: 0

Total Depth: 39.7 ft

Depth to Liquid: 14.14 ft

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

10 # of casing Volume: 25.56 x .66 x(VF) 16.9 #Estimated purge Volume: 169 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Disposable Bailer

Did well dewater: NO | If yes, Time: ___ | Volume: ___

Starting Time: 1206 | Purging Flow Rate: 2.5 gpm.

Sampling Time: 1322

Time	pH	Conductivity	Temperature	Volume
1213	6.9	1200	71.9	17.5 gal
1220	7.1	1060	72.7	35.0
1227	7.2	820	72.3	52.5
1234	7.1	850	72.0	60.0
1241	7.1	870	71.8	77.5

Weather Conditions: sunny / hot

Water Color: Clear | Odor: none

Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-3	3X40ml	Y	HCl	Sequoia	Gas BTXE
				GTEL	

Comments: ___

WELL SAMPLING FIELD DATA SHEET

SAMPLER	Guadalupe Sanchez	DATE	8-1-95
ADDRESS	19201 Center St	JOB #	5202.80
CITY	Castro Valley	SS#	9-3356

Well ID: MW-3 Well Condition: OK

Well Location Description: SW of property lot ~ 20' from the light post in Parking lot

Well Diameter: 4 in Hydrocarbon Thickness: ~~0~~

Total Depth: 39.7 ft

Depth to Liquid: 14.14 ft

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

# of casing Volume: 25.56 x .66 x(VF) 16.9 #Estimated purge Volume: 165 gal.

Purge Equipment: Stack Pump Sampling Equipment: Disposable Bailer

Did well dewater: NO If yes, Time ___ Volume ___

Starting Time: 1206 Purging Flow Rate: 2.5 gpm.

Sampling Time: 1322

Time	pH	Conductivity	Temperature	Volume
1248	7.1	990	71.9	95.0 gal
1255	7.1	1100	71.8	112.5
1302	7.1	1160	71.8	130.0
1309	7.2	1220	71.7	147.5
1318	7.2	1240	71.7	165.0
1322	7.1	1260	71.8	170.0

Weather Conditions: sunny / hot

Water Color: clear Odor: none

Sediment Description: none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-3	3X40ml	Y	HCl	GTEL	Gas BTXE

Comments: ___

Fax copy of Lab Report and COC to Chevron Contact: ☐ 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 9-3356
Facility Address 19201 Center St Castro Valley
Consultant Project Number 5202.80
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Argy Leyton
(Phone) 510 551-7555 (Fax Number) 510 551-7888

Chevron Contact (Name) Kenneth Kan
(Phone) 842-8752
Laboratory Name GTEL
Laboratory Release Number 3544721
Samples Collected by (Name) Guadalupe Sanchez
Collection Date 8-1-95
Signature [signature]

DO NOT BILL TB-LB ANALYSIS

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)	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 in order
MW-1	02	3	↓	↓	1202	HCl	↓	↓												↓
MW-3	03	5	↓	↓	1322	HCl/NONE	↓	↓	✓	✓										limited sampled
MW-2	04	3	↓	↓	1440	HCl	↓	↓												↓

8/3/95 [initials]

6°C

C5080027

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature] Guadalupe S.	G/R	8-1-95 1604	[signature]	G/R	8-1-95 1604
[signature]	G/R	8/2/95 1400	[signature] Jolen Weber	GTEL	8/2/95 1400
[signature] Jolen Weber	GTEL	8/2/95 15:00	Received For Laboratory By (Signature) [signature] Ronald C. Jensen		8/2/95 15:00

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

GTEL
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

August 16, 1995

Argy Leyton
Gettler-Ryan, Inc.
6747 Sierra Ct., Ste J
Dublin, CA 94568

RE: GTEL Client ID:	GTR01CHV08
Login Number:	C5080027
Project ID (number):	5202.80
Project ID (name):	Chevron/#9-3356/19201 Center St., Castro Valley, CA

Dear Argy Leyton:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 08/02/95.

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.

William Svoboda
for
Chip Poalinelli
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: C5080027
Project ID (number): 5202.80
Project ID (name): Chevron/#9-3356/19201 Center St., Castro Valley, CA

Method: EPA8020/15
Matrix: Aqueous

GTEL Sample Number	C5080027-01	C5080027-02	C5080027-03	C5080027-04
Client ID	TB-LB	MW-1	MW-3	MW-2
Date Sampled	08/01/95	08/01/95	08/01/95	08/01/95
Date Analyzed	08/10/95	08/11/95	08/11/95	08/11/95
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
TPH as GAS	50	ug/L	< 50	< 50	< 50	< 50
BFB (Surrogate)	--	%	91.3	84.7	87.9	83.2

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA8020/15:

"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.

C5080027-02:

Uncategorized compound is not included in gasoline concentration.

C5080027-03:

Uncategorized compound is not included in gasoline concentration.

C5080027-04:

Uncategorized compound is not included in gasoline concentration.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: C5080027 Volatile Organics
Project ID (number): 5202.80 Method: EPA8020/15
Project ID (name): Chevron/#9-3356/19201 Center St., Castro Valley, CA Matrix: Aqueous

Method Blank Results

QC Batch No: G081095-5
Date Analyzed: 10-AUG-95

Analyte	Method: EPA8020/15 Concentration: ug/L
Benzene	< 0.30
Toluene	< 0.30
Ethylbenzene	< 0.30
Xylenes (Total)	< 0.50
TPH as Gasoline	< 50.

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: C5080027 Volatile Organics
Project ID (number): 5202.80 Method: EPA8020/15
Project ID (name): Chevron/#9-3356/19201 Center St., Castro Valley, CA Matrix: Aqueous

Laboratory Control Sample Summary

Analyte	Spike Amount	Check Sample Concentration	QC Percent Recovery	Acceptability Limits Recovery
EPA8020/15 Units:ug/L	QC Batch:G081095-4			
Benzene	20.0	18.9	94.5	71.5-121%
Toluene	20.0	20.5	103.	72.4-124%
Ethylbenzene	20.0	20.4	102.	73.3-124%
Xylenes (Total)	60.0	63.4	106.	71.9-130%

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: C5080027 Volatile Organics
Project ID (number): 5202.80 Method: EPA8020/15
Project ID (name): Chevron/#9-3356/19201 Center St., Castro Valley, CA 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, %
EPA8020/15	GTEL Sample ID:C5080088-03		Spike ID:G081095-1		Dup. ID:G081095-2				
Units: ug/L	Analysis Date:08-AUG-95		12-AUG-95		12-AUG-95		Client ID:Batch QC		
Benzene	< 0.30	20.0	19.9	99.5	20.6	103.	3.4	34	57.3-138%
Toluene	< 0.30	20.0	20.8	104.	23.0	115.	10	31	63-134%
Ethylbenzene	< 0.30	20.0	20.0	100.	21.1	106.	5.8	38	59.3-137%
Xylenes (Total)	< 0.50	60.0	61.0	102.	66.0	110.	7.5	31	59.3-144%

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: GTR01CHV08
Project ID: Chevron/#9-3356
19201 Center St.
Castro Valley, CA
Login Number: C5-08-0027

ANALYTICAL RESULTS

Total Oil and Grease in Water by Gravimetric Analysis

EPA Method 413.1[a]

GTEL Sample Number		03	080395 TPH		
Client Identification		MW-3	METHOD BLANK		
Date Sampled		08/01/95	--		
Date Prepared		08/03/95	08/03/95		
Date Analyzed		08/03/95	08/03/95		
Analyte	Detection Limit, mg/L	Concentration, mg/L			
Total Oil and Grease	5	<5	<5		
Detection Limit Multiplier		1	1		

Note: Samples were received without preservation. Samples were properly preserved by the laboratory.

Client Number: GTR01CHV08
Project ID: Chevron/#9-3356
19201 Center St.
Castro Valley, CA
Login Number: C5-08-0027

ANALYTICAL RESULTS

Total Petroleum Hydrocarbons as Diesel in Water

Modified EPA Methods 3510/8015[a]

GTEL Sample Number		03	GCK 080795		
Client Identification		MW-3	METHOD BLANK		
Date Sampled		08/01/95	--		
Date Extracted		08/03/95	08/03/95		
Date Analyzed		08/12/95	08/08/95		
Analyte	Detection Limit, ug/L	Concentration, ug/L			
TPH as Diesel	50	<50	<50		
Detection Limit Multiplier		1	1		
O-Terphenyl surrogate, % recovery		96.5	141		

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.

Client Number: GTR01CHV08
Project ID: Chevron/#9-3356
19201 Center St.
Castro Valley, CA
Login Number: C5-08-0027

QC Check Sample Results

Analyte	Source	Date of Analysis	Expected Value	Units	Recovery, %
TOG/IR:	TW-0308	08/03/95	105	mg/L	91.3

QC Matrix Spike and Duplicate Spike Results

Matrix: Water

Analyte	Sample ID	Spike Amount	Units	Recovery, %	Duplicate Recovery, %	RPD, %	Control Limits
TPH/IR:	LCS & LCS DUP[a]	102	mg/L	94.6	91.7	3.1	70 - 130
GC-FID:							
Diesel	LW080495	750	ug/L	111	104	6.19	60 - 140
Diesel	C5080010	750	ug/L	105	89.1	16.4	60 - 140

a. Not enough sample was provided by the client to perform a matrix QC. Laboratory control sample indicated the analysis was within control limits.

Client Number: GTR01CHV08
Project ID: Chevron/#9-3356
19201 Center St.
Castro Valley, CA
Login Number: C5-08-0027

CONFORMANCE/NONCONFORMANCE SUMMARY

(X = Requirements Met * = See Comments NA = Not Applicable)

#	Conformance Item	VOA GC/MS	VOA GC	SV GC/MS	SV GC	Metals	Wet Chem
1	GC/MS Tune		NA		NA	NA	NA
2	Initial Calibration		X		X		X
3	Continuing Calibration		X		X		X
4	Surrogate Recovery		X		X	NA	NA
5	Holding Time		X		X		X
6	Method Accuracy		X		X		**
7	Method Precision		X		X		**

8 Blank Contamination - List/ND (None Detected)/*(See Comments)

VOA:

SV:

Metals:

Wet Chem: ND

9 Comments:

** Not enough sample was provided by the client to perform a matrix QC (Spike or Duplicate). Laboratory control samples were used to obtain method precision and accuracy. Laboratory control samples indicated the analysis was within control limits.