SIERRA
Environmental Services

ENVIRONMENTAL PROTECTION
95 MAR 24 PM 12:52

March 10, 1995

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

Re: Former Chevron Service Station #9-2621
7667 Amador Valley Boulevard
Dublin, California
SES Project #1-380-04

Dear Mr. Kan:

This report presents the results of the quarterly ground water sampling for the first quarter of 1995 at Former Chevron Service Station #9-2621, located at 7667 Amador Valley Boulevard in Dublin, California. Five wells, MW-1 through MW-5, were sampled (Figure 1).

On Februry 7, 1995, SES personnel visited the site. Water level measurements were collected in all site 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 February 7, 1995 in accordance with SES Standard Operating Procedure - Ground Water Sampling (attached). The field water sampling forms for this event are inlcuded. All analyses were performed by Superior Precision Analytical, Inc. of Martinez, 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 E. (Rick) Hilton
Staff Environmental Scientist

Chris J. Bramer
Professional Engineer #C48846

REH/CJB/rh
38004QM.MR5

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

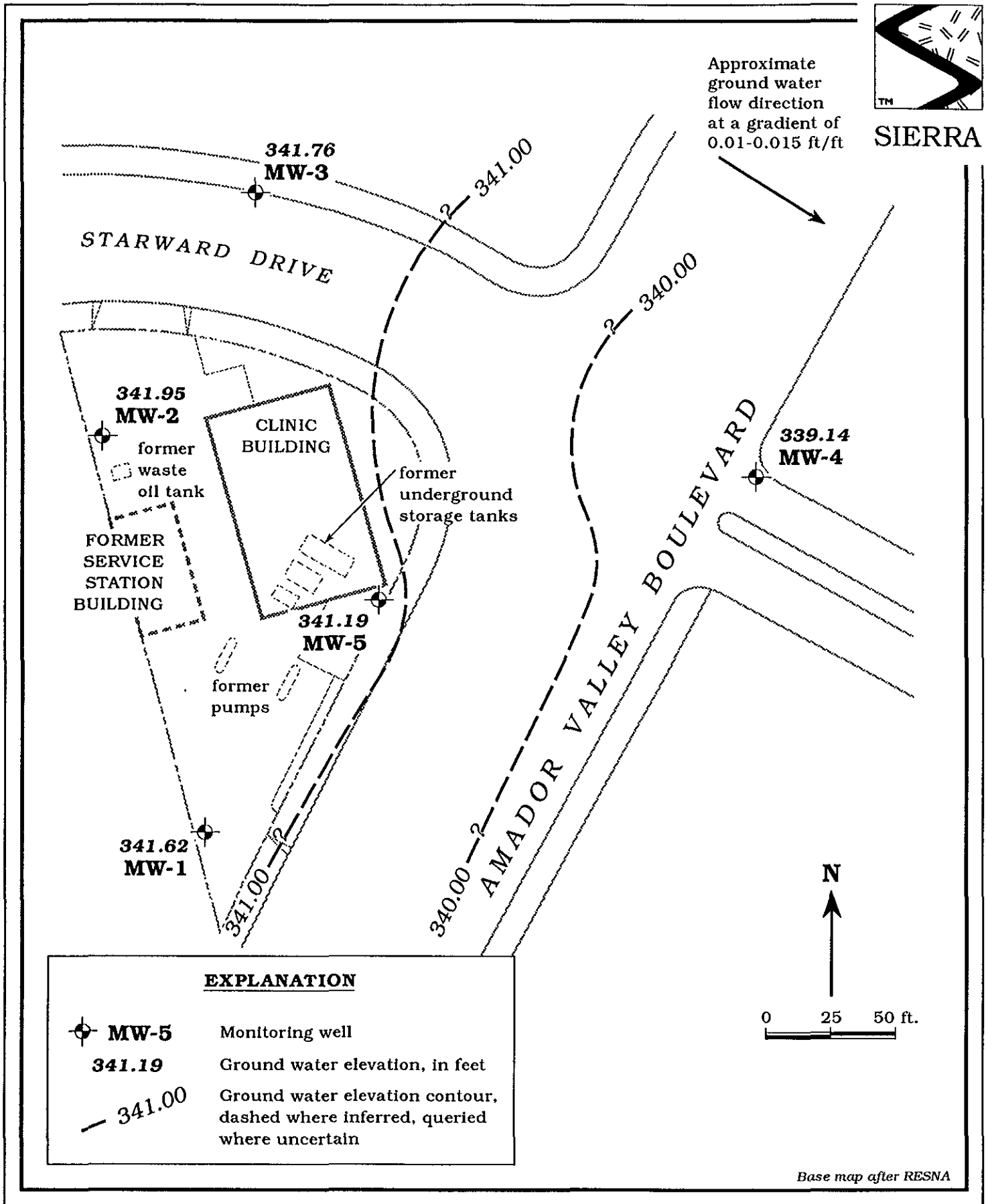

Figure 1. Monitoring Well Locations and Ground Water Elevation Contour Map – February 7, 1995 – Former Chevron Service Station #9-2621, 7667 Amador Valley Boulevard, Dublin, California

1-380-04 3/8/95

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Table 1. Water Level Data and Ground Water Analytic Results - Former Chevron Service Station #9-2621, 7667 Amador Valley Boulevard, Dublin, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	B	T	E	X
						<----------ppb---------->				
MW-1/ 346.73	9/23/93	6.62	340.11	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	3/11/94	7.16	339.57	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/15/94	7.54	339.19	0	8015/8020	<50	<0.5	0.8	<0.5	2.0
	11/1/94	8.94	337.79	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	2/7/95	**5.11**	**341.62**	**0**	**8015/8020**	**<50**	**<0.5**	**2.6**	**<0.5**	**2.4**
MW-2/ 348.41	9/23/93	8.11	340.30	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	3/11/94	8.60	339.70	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/15/94	8.95	339.46	0	8015/8020	<50	0.5	0.7	<0.5	2.2
	11/1/94	10.41	338.00	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	2/7/95	**6.46**	**341.95**	**0**	**8015/8020**	**<50**	**<0.5**	**0.9**	**<0.5**	**1.1**
MW-3/ 347.14	9/23/93	7.04	340.10	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	3/11/94	7.44	339.70	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/15/94	7.83	339.31	0	8015/8020	<50	<0.5	0.6	<0.5	2.0
	11/1/94	9.15	337.99	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	2/7/95	**5.41**	**341.76**	**0**	**8015/8020**	**<50**	**<0.5**	**2.6**	**<0.5**	**<0.5**
MW-4/ 343.52	9/23/93	5.12	338.40	0	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	3/11/94	5.45	338.07	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/15/94	5.82	337.70	0	8015/8020	<50	<0.5	0.7	<0.5	2.2
	11/1/94	6.65	336.87	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	2/7/95	**4.38**	**339.14**	**0**	**8015/8020**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
MW-5/ 345.51	3/11/94	6.10	339.41	0	8015/8020	770	1.4	37	5.6	10
	6/15/94	6.48	339.03	0	8015/8020	650	1.5	38	12	5.5
	11/1/94	7.78	337.73	0	8015/8020	310[1]	<0.5	0.6	4.4	<0.5
	2/7/95	**4.32**	**341.19**	**0**	**8015/8020**	**200**	**<0.5**	**1.9**	**<0.5**	**<0.5**
TB-LB	9/23/93	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<1.5
	3/11/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/15/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	11/1/94	---	---	---	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	2/7/95	**---**	**---**	**---**	**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 - Former Chevron Service Station #9-2621, 7667 Amador Valley Boulevard, Dublin, California (continued)

EXPLANATION:

DTW = Depth to water
TOC = Top of casing elevation
GWE = Ground water 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
ppb = Parts per billion
--- = Not applicable/not available

ANALYTIC METHODS:

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

NOTES:

Water level data and groundwater analytic results prior to June 15, 1994 were compiled from the Additional Subsurface Environmental Investigation Report prepared for Chevron by RESNA, April 27, 1994.

* Product thickness was measured on and after June 15, 1994 with an MMC flexi-dip interface probe.

1 Does not match typical gasoline pattern.

38004T.WLG

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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.

TRIP BLANK

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WATER SAMPLING DATA

Job Name AMADOR Hwy. Dublin Job Number 1-380-04 Sampler J.C.

Well Number TB-LB Date 2/7/95 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/ft^3
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	SPA	8015/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 Amador Valley Blvd. Job Number 1-380-04 Sampler J.C.

Well Number MW-1 Date 2/17/95 Well Diameter 2"

Sample Point Location/Description on site Southwest of Clinic near exit Well Depth (spec.) 18

Depth to Water (static) 5.11 Well Depth (sounded) —

Initial height of water in casing 12.89 Volume 2.10 gallons

Volume to be purged 6 gallons

Purged With Sub pump Sampled With Disposable 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
2:52	2:54	2	2	7.0	70	100	
	2:56	2	4	7.1	69	180	
	2:58	2	6	7.0	68	210	

SAMPLES COLLECTED Time 3:07 Total volume purged (gal.) 6

Water color Cloudy Odor NONE

Description of sediments or material in sample: NONE

Additional Comments: ←

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-1	2	1	—	HCl	Y	SPL	8015/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 AMADOR VALLEY BLVD. Job Number 1-380-04 Sampler J.C.

Well Number MW-2 Date 2/8/95 Well Diameter 2"

Sample Point Location/Description ON SITE North West of Clinic IN Parking/Stall Well Depth (spec.) 18

Depth to Water (static) 6.46 Well Depth (sounded) ——

Initial height of water in casing 11.54 Volume 1.88 gallons

Volume to be purged 6 gallons

Purged With Sub pump Sampled With Disposable 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
3:15	3:17	2	2	7.0	65	300	
	3:19	2	4	7.0	64	270	
	3:21	2	6	7.0	64	230	

SAMPLES COLLECTED Time 3:30 Total volume purged (gal.) 6

Water color GREY 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
MW-2	2	1	—	HCL	Y	SPA	8015/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 Amador Valley Blvd. Job Number 1-380-04 Sampler J.C.

Well Number MW-3 Date 2/[illegible]/95 Well Diameter 2"

Sample Point Location/Description ~~ON~~ OFF site on Starward Drive Well Depth (spec.) 17

Depth to Water (static) 5.41 Well Depth (sounded) ____

Initial height of water in casing 11.59 Volume 1.88 gallons

Volume to be purged 6 gallons

Purged With Sub pump Sampled With Disposable 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 (~~°C~~ °F)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
2:26	2:28	2	2	7.0	69	100	
	2:30	2	4	7.0	68	100	
	2:32	2	6	7.0	67	100	

SAMPLES COLLECTED Time 2:40 Total volume purged (gal.) 6

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
MW-3	2	1	___	HCl	Y	SPA	8/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 Amador Valley Blvd. Job Number 1-380-04 Sampler J.C.

Well Number MW-4 Date 2/7/95 Well Diameter 2"

Sample Point Location/Description EAST of site/EAST of Amador Valley Blvd. Library Exit Well Depth (spec.) 18

Depth to Water (static) 4.38 Well Depth (sounded) ←

Initial height of water in casing 13.82 Volume 2.22 gallons

Volume to be purged 7 gallons

Purged With Sub Pump Sampled With Disposable 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/°C)	Specific Conductance	
Start	Stop					Measurement	x umhos/cm
3:43	3:45	2	2	7.0	67	100	
	3:48	3	5	7.0	67	100	
	3:50	~	7	7.0	67	100	

SAMPLES COLLECTED Time 401 Total volume purged (gal.) 7

Water color Cloudy Odor NONE

Description of sediments or material in sample: NONE

Additional Comments: ___

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-4	2	1	—	HCl	Y	SPA	8/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 Amador Valley Blvd. Job Number 1-380-04 Sampler J.C.

Well Number MW-95 Date 2/7/95 Well Diameter 2"

Sample Point Location/Description On site South of clinic in Planter Well Depth (spec.) 17

Depth to Water (static) 4.32 Well Depth (sounded) —

Initial height of water in casing 12.68 Volume 2.060 gallons

Volume to be purged 6 gallons

Purged With Sub pump Sampled With Disposable 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
4:09	4:11	2	2	7.0	66	610	
	4:13	2	4	7.0	66	570	
	4:15	2	6	7.0	66	530	

SAMPLES COLLECTED Time 4:22 Total volume purged (gal.) 6

Water color CLEAR Odor Hydrocarbon

Description of sediments or material in sample: NONE

Additional Comments: —

Sample ID	# of Cont.	Container Type	Filtered (size, u)	Preservative (type)	Refrig. (Y/N)	Lab (Init)	Analysis Requested
MW-95	2	1	—	HCl	Y	SPA	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 80583 Chain-of-Custody-Recor

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

Chevron Facility Number 9-2621
Facility Address 7607 AMADOR VALLEY BL. DUBLIN
Consultant Project Number 1-380-04
Consultant Name SIERRA ENVIRONMENTAL SERVICES
Address PO BOX 2546 MARTINEZ, CA. 94553
Project Contact (Name) ED MORALES
(Phone) 370-1280 (Fax Number) 370-7959

Chevron Contact (Name) KENNETH KAN
(Phone) 842-8752
Laboratory Name SPA
Laboratory Release Number 1339391
Samples Collected by (Name) JOE CARTER
Collection Date 2-7-95
Signature

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		2	W	G	—	HCl	Y	✓												Analysis
MW-3		2	"	"	2:40	"	"	✓												in
MW-1		2	"	"	3:07	"	"	✓												ORDER
MW-2		2	"	"	3:30	"	"	✓												
MW-4		2	"	"	4:01	"	"	✓												
MW-5		2	"	"	4:22	"	"	✓												

Analyses To Be Performed

Note:
Do Not Bill
TB-LB Sample

Sample's Received in Ice yes Cold Hand delivered
Appropriate containers
Sufficient volume
Preservation
Contaminated

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Joe Carter	Sierra Environmental	2/10/95 14:20			
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
			[illegible]		2/10/95 14:00

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

COC-3.DWG/03 91/HCH

Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Sierra Environmental
P.O. Box 2546
Martinez, CA 94553

Date: February 15, 1995

Attn: ED MORALES

Laboratory Number : 80593 Project Number/Name : 1-380-04

This report has been reviewed and

approved for release.

Senior Chemist
Account Manager

2/17/95

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

Sierra Environmental
Attn: ED MORALES

Project 1-380-04
Reported on February 15, 1995

TOTAL PETROLEUM HYDROCARBONS

LAB #	Sample ID	Sampled	Analyzed	Matrix
80593-01	TB-LB	02/07/95	02/14/95	Water
80593-02	MW-3	02/07/95	02/14/95	Water
80593-03	MW-1	02/07/95	02/15/95	Water
80593-04	MW-2	02/07/95	02/15/95	Water
80593-05	MW-4	02/07/95	02/14/95	Water
80593-06	MW-5	02/07/95	02/15/95	Water

R E S U L T S O F A N A L Y S I S

Laboratory Number:	80593-01	80593-02	80593-03	80593-04	80593-05
Gasoline_Range	ND<50	ND<50	ND<50	ND<50	ND<50
Benzene	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Toluene	ND<0.5	2.6	2.6	0.9	ND<0.5
Ethyl Benzene	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Total Xylenes	ND<0.5	ND<0.5	2.4	1.1	ND<0.5
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Laboratory Number:	80593-06
Gasoline_Range	200
Benzene	ND<0.5
Toluene	1.9
Ethyl Benzene	ND<0.5
Total Xylenes	ND<0.5
Concentration:	ug/L

Certified Laboratories

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C E R T I F I C A T E O F A N A L Y S I S

TOTAL PETROLEUM HYDROCARBONS

QA/QC Information
Laboratory Number: 80593

NA - Analysis NOT required
ND - Not Detected above quantitation limit
ug/L = parts per billion (ppb)

EPA SW-846 Method 5030/8015M/8020 Total Volatile Petroleum Hydrocarbons/BTXE
Minimum Quantitation Limit for Gasoline in water: 50 ug/L
Minimum Quantitation Limit for BTXE in water: 0.5 ug/L

Matrix: Water

Analyte	Spike Recovery	RPD	Control Limits
Gasoline_Range	83/80	4	65-135
Benzene	106/114	7	65-135
Toluene	109/118	8	65-135
Ethyl Benzene	109/119	9	65-135
Total Xylenes	111/120	8	65-135

Senior Chemist
Account Manager

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