Chevron

June 28, 1995

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing – Northwest Region
Phone 510 842 9500

Ms. Eva Chu
Alameda Co. Dept. of Environmental Health
1131 Harbor Bay Pkwy, 2nd Floor
Alameda, CA 94502-6577

① Check when add'l wells were requested – only at meeting w/ RWQCB + Chevron for NAA seem why taking so long for permits
② when will add'l wells be

Re : Former Chevron Service Station 9-7127
Interstate 580 & Grantline Rd.

WP coming soon (2 wks)

Dear Ms. Chu :

The enclosed report from Gettler-Ryan dated June 23, 1995 documents the monitoring and sampling event that occurred on May 17, 1995 at the above referenced site. Results show all wells having total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, and xylene with the exception of MW-2 which was nondetect for all analyzed constituents.

Regarding the additional investigation, Pacific Environmental Group who installed the original wells is awaiting well permits. Once the wells are installed, Gettler-Ryan will monitor the wells on a monthly frequency, sample the wells on a quarterly frequency, and sample the supply well on annual basis.

If you have any questions or comments, please give me a call at (510) 842-8752.

Sincerely,
Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/97127R01

Enclosure

cc : Person in Charge of Tracy (Alameda Co.), RWQCB-Central Valley Region
3443 Routier Rd., Sacramento, CA 95827-3098

Beth Thayer / Gordan Boyd

William Carnazzo M.D., Carnazzo Land Company, Inc.
P.O. Box 6031, Atascadero, CA 93423

Mr. & Mrs. Joe Jess, Jess Ranch
Route 5, Box 704-A, Tracy, CA 95376

0.3 ✓

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

Ms. Argy Leyton, Gettler-Ryan, Inc. (w/o enclosure)
6747 Sierra Court, Suite J, Dublin, CA 94568

GETTLER-RYAN INC.

June 23, 1995

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

Re: Former Chevron Service Station #9-7127
Interstate 580 and Grant Line Road
Altamont Pass, CA
Job #5251.80

Dear Mr. Kan:

This report documents the quarterly groundwater sampling event performed by Gettler-Ryan, Inc. (G-R). On May 17, 1995, field personnel were on-site to gauge and sample five wells (MW-1 Through MW-5) at Former Chevron Service Station #9-7127 located at Interstate 580 and Grant Line Road in Altamont Pass, California.

Static groundwater levels were measured on March 9, April 18, and May 17, 1995. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were present in well MW-1 during the March 9 and May 17, 1995, visits. Static water level data and groundwater elevations are presented in Table 1. Potentiometric maps is included as Figures 1, 2 and 3.

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 Superior Precision Analytical, Inc. Analytic results are presented in Table 1. The chain of custody document and laboratory analytic report are attached. 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.

Respectfully submitted,

Argy Leyton
Environmental Project Manager

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

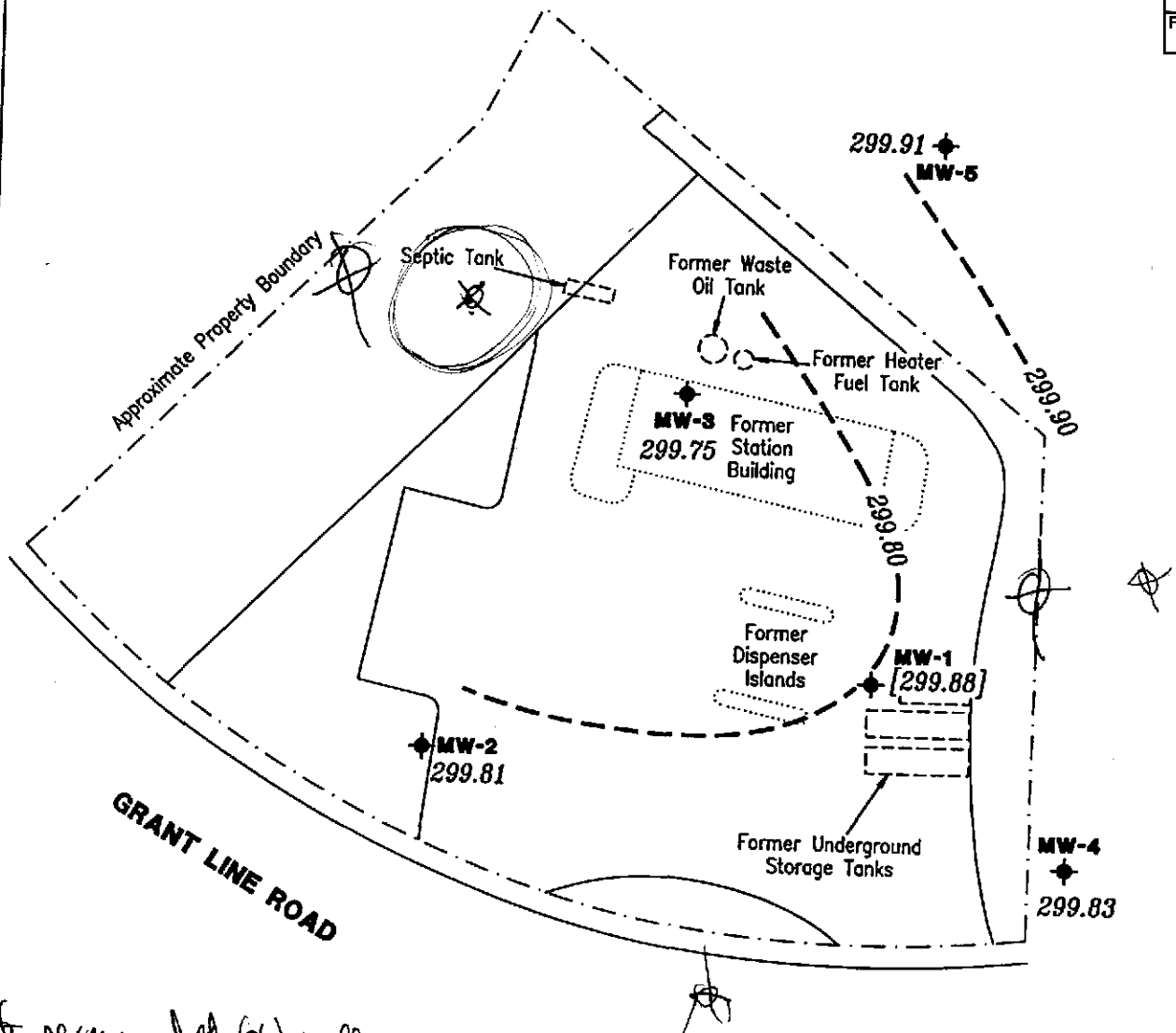
REGISTERED GEOLOGIST
STEPHEN J. CARTER
No. 5577
STATE OF CALIFORNIA

AML/SJC/rjb
5251.QML

Figure 1: Potentiometric Map - March 9, 1995
Figure 2: Potentiometric Map - April 18, 1995
Figure 3: Potentiometric Map - May 17, 1995
Table 1: Water Level Data and Groundwater Analytic Results
Attachments: Standard Operating Procedure - Quarterly Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytic Report

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Kenneth Kan	From eva chu
Co. Chevron	Co. Alameda Co. LOP
Dept.	Phone # (510) 567-6762
Fax # 510-842-8252	Fax #



EXPLANATION:

- ✦ Groundwater monitoring well
- 299.91 Groundwater elevation in feet referenced to Mean Sea Level
- 299.90 - - - Groundwater elevation contour, dashed where inferred
- [ ] Not used in contouring

Approximate groundwater flow direction at a gradient of 0.002 Ft./Ft.

N

0 50

Scale in Feet

Gettler - Ryan Inc.

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

POTENTIOMETRIC MAP
Former Chevron Service Station No. 9-7127
Interstate 580 and Grant Line Road
Altamont Pass, California

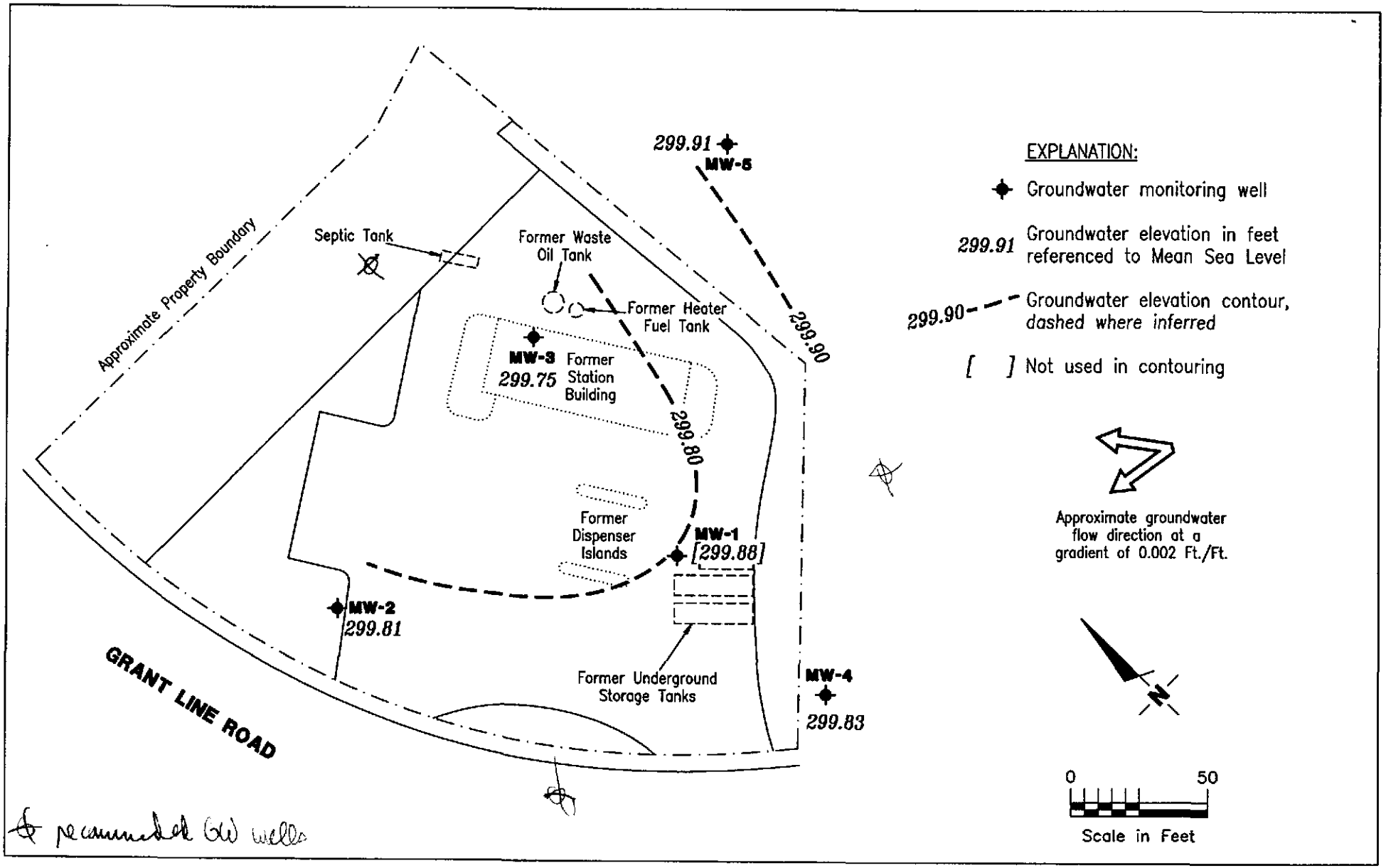
FIGURE 1

JOB NUMBER 5251.80

REVIEWED BY

DATE March 9, 1995

REVISED DATE



& recommended GW wells

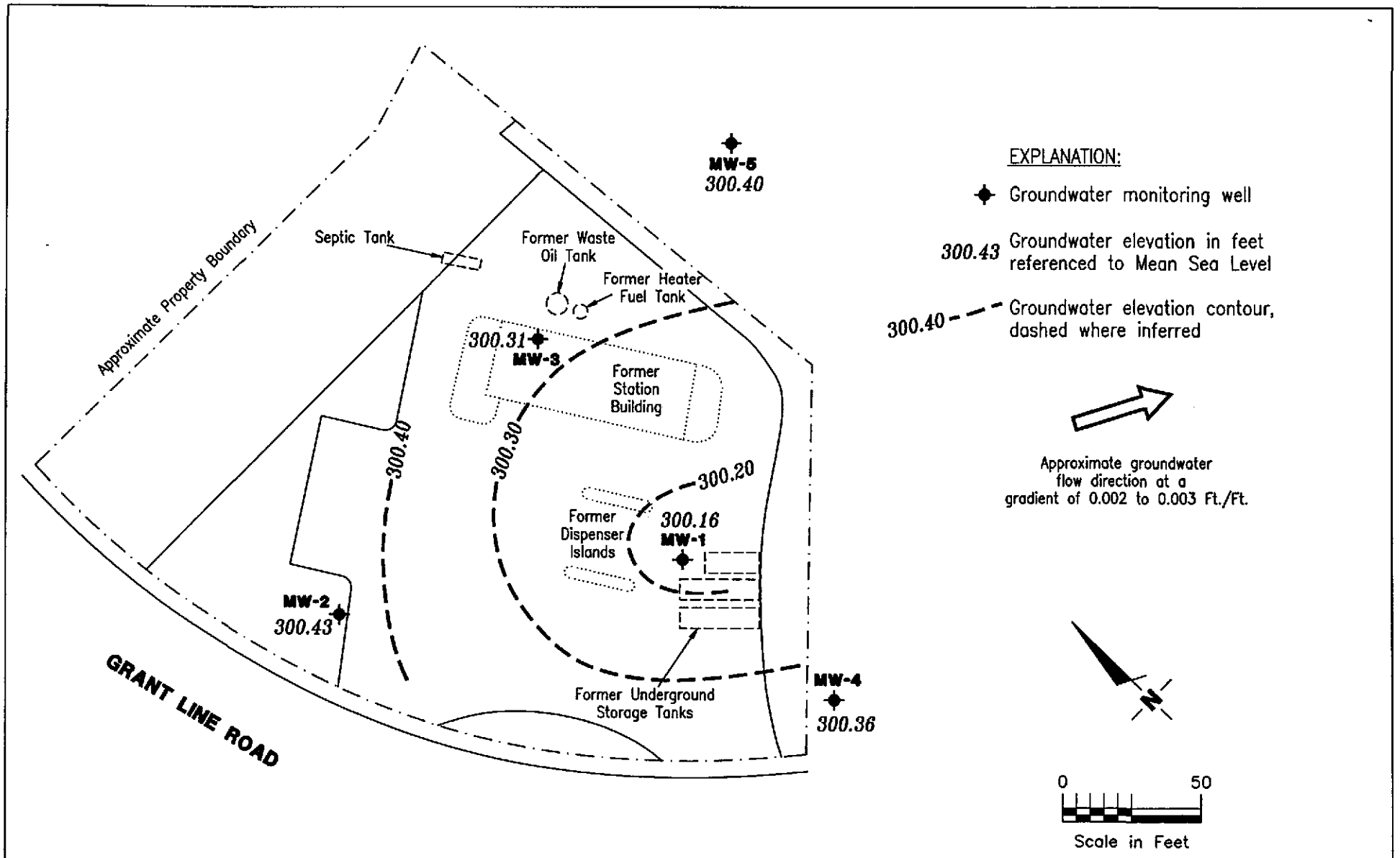
Gettler - Ryan Inc.

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

POTENTIOMETRIC MAP
Former Chevron Service Station No. 9-7127
Interstate 580 and Grant Line Road
Altamont Pass, California

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5251.80		March 9, 1995	

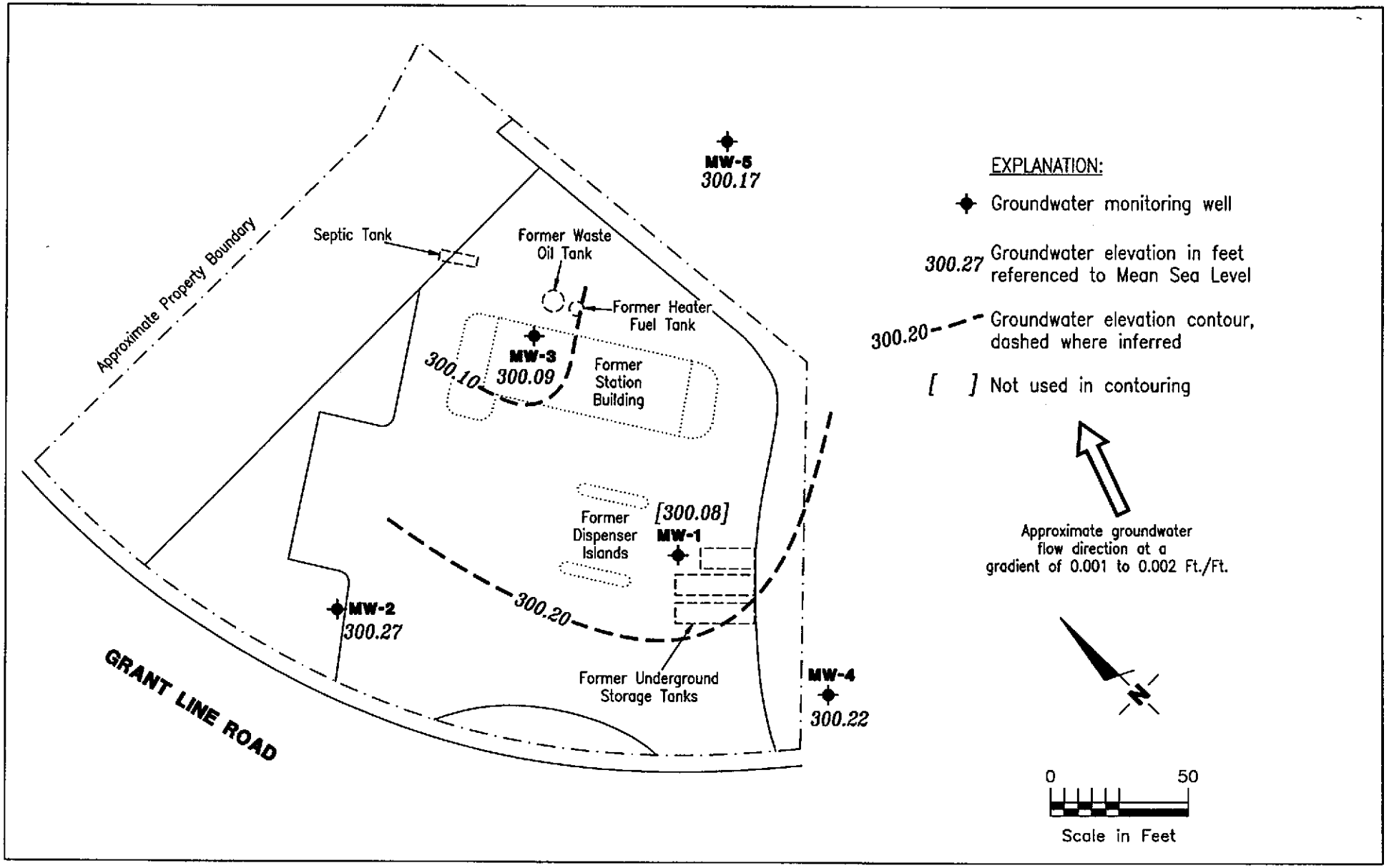


Gettler - Ryan Inc.
6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

POTENTIOMETRIC MAP
Former Chevron Service Station No. 9-7127
Interstate 580 and Grant Line Road
Altamont Pass, California

FIGURE
2

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5251.80		April 18, 1995	



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

POTENTIOMETRIC MAP
Former Chevron Service Station No. 9-7127
Interstate 580 and Grant Line Road
Altamont Pass, California

FIGURE
3

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5251.80		May 17, 1995	

Table 1. Water Level Data and Groundwater Analytic Results - Former Chevron Service Station #9-7127, Interstate 580 at Grant Line Road, Altamont Pass Area, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	B	T	E	X
						<----------ppb---------->				
MW-1/ 329.17	2/15/94	29.77	299.40	0	8015/8020	99,000	20,000	24,000	2,000	9,800
	4/21/94	29.85	299.32	0	—	—	—	—	—	—
	6/1/94	29.92	299.25	0	8015/8020	56,000	12,000	15,000	1,100	5,800
	6/28/94	30.15	299.02	0	—	—	—	—	—	—
	7/19/94	20.30	308.87	0	—	—	—	—	—	—
	9/2/94	30.61	298.96[1]	0.5	—	—	—	—	—	—
	9/12/94	31.66	298.04[1]	0.66	—	—	—	—	—	—
	10/12/94	31.70	298.70[1]	1.54	—	—	—	—	—	—
	11/30/94	29.95	299.84[1]	0.77	—	—	—	—	—	—
	3/9/95	29.54	299.88	0.31	—	—	—	—	—	—
	4/18/95	29.01	300.16	0	—	—	—	—	—	—
	5/17/95	29.09	300.08	0.005	8015/8020	130,000	22,000	30,000	2,000	10,000
MW-2/ 327.22	2/15/94	27.09	300.13	0	8015/8020	83	21	6	1	3
	4/21/94	27.81	299.41	0	—	—	—	—	—	—
	6/1/94	27.98	299.24	0	8015/8020	<50	1.3	0.5	<0.5	<0.5
	6/28/94	28.17	299.05	0	—	—	—	—	—	—
	7/19/94	28.35	298.87	0	—	—	—	—	—	—
	9/2/94	28.52	298.70	0	8015/8020	82	13	16	3.6	14
	9/12/94	28.56	298.66	0	—	—	—	—	—	—
	10/12/94	28.62	298.60	0	—	—	—	—	—	—
	11/30/94	28.38	298.84	0	8015/8020	<50	3.6	4.5	1.0	4.5
	3/9/95	27.41	299.81	0	—	—	—	—	—	—
	4/18/95	26.79	300.43	0	—	—	—	—	—	—
	5/17/95	26.95	300.27	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
MW-3/ 329.28	2/15/94	29.87	299.41	0	8015/8020	23,000	11,000	1,700	540	1,000
	4/21/94	29.96	299.32	0	—	—	—	—	—	—
	6/1/94	30.11	299.17	0	8015/8020	27,000	12,000	2,600	600	2,200
	6/28/94	30.31	298.97	0	—	—	—	—	—	—
	7/19/94	30.50	298.78	0	—	—	—	—	—	—
	9/2/94	30.61	298.67	0	8015/8020	34,000	16,000	4,100	770	3,000
	9/12/94	30.65	298.63	0	—	—	—	—	—	—
	10/12/94	30.74	298.54	0	—	—	—	—	—	—
	11/30/94	30.44	298.84	0	8015/8020	33,000	16,000	3,000	740	2,400

Table 1. Water Level Data and Groundwater Analytic Results - Former Chevron Service Station #9-7127, Interstate 580 at Grant Line Road, Altamont Pass Area, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	B	T	E	X
						<----	----	ppb	----	---->
MW-3/ (cont)	3/9/95	29.53	299.75	0	—	—	—	—	—	—
	4/18/95	28.97	300.31	0	—	—	—	—	—	—
	5/17/95	29.19	300.09	0	8015/8020	27,000	10,000	760	490	1,000
MW-4/										
	5/21/93	—	—	—	8015/8020	<50	12	2	<0.5	1
	11/5/93	—	—	—	8015/8020	300	56	10	0.8	3
329.44	2/15/94	29.90	299.54	0	8015/8020	260	47	12	2	4
	4/21/94	29.99	299.45	0	—	—	—	—	—	—
	6/1/94	30.14	299.30	0	8015/8020	860	200	23	2.8	9.6
	6/28/94	30.32	299.12	0	—	—	—	—	—	—
	7/19/94	30.50	298.94	0	—	—	—	—	—	—
	9/2/94	30.62	298.82	0	8015/8020	1,700	250	27	6.4	15
	9/12/94	30.69	298.75	0	—	—	—	—	—	—
	10/12/94	30.75	298.69	0	—	—	—	—	—	—
	11/30/94	30.51	298.93	0	8015/8020	830	350	29	8.1	22
	3/9/95	29.61	299.83	0	—	—	—	—	—	—
	4/18/95	29.08	300.36	0	—	—	—	—	—	—
	5/17/95	29.22	300.22	0	8015/8020	470	200	2.2	0.9	2.1
MW-5	5/25/93	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	0.9
	11/5/93	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
312.88	2/15/94	25.10	287.78	0	8015/8020	<50	<0.5	1	<0.5	1
	4/21/94	13.21	299.67	0	—	—	—	—	—	—
	6/1/94	13.39	299.49	0	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/28/94	13.73	299.15	0	—	—	—	—	—	—
	7/19/94	13.80	299.08	0	—	—	—	—	—	—
	9/2/94	14.02	298.86	0	8015/8020	<50	3.2	1.8	<0.5	2.1
	9/12/94	14.03	298.85	0	—	—	—	—	—	—
	10/12/94	14.15	298.73	0	—	—	—	—	—	—
	11/30/94	13.91	298.97	0	8015/8020	<50[2]	<0.5[2]	<0.5[2]	<0.5[2]	<0.5[2]
	3/9/95	12.97	299.91	0	—	—	—	—	—	—
	4/18/95	12.48	300.40	0	—	—	—	—	—	—
	5/17/95	12.71	300.17	0	8015/8020	150	1.0	<0.5	<0.5	<0.5

Table 1. Water Level Data and Groundwater Analytic Results - Former Chevron Service Station #9-7127, Interstate 580 at Grant Line Road, Altamont Pass Area, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	Analytic Method	TPPH(G)	B	T	E	X
						< ppb >				
Trip Blank										
TB-LB	2/15/94	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	6/1/94	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	9/2/94	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	11/30/94	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5
	5/17/95	—	—	—	**8015/8020**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**
Bailer Blank										
BB	2/15/94	—	—	—	8015/8020	<50	<0.5	<0.5	<0.5	<0.5

Table 1. Water Level Data and Groundwater Analytic Results - Former Chevron Service Station #9-7127, Interstate 580 at Grant Line Road, Altamont Pass Area, California (continued)

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
ppb = Parts per billion
— = Not analyzed/Not applicable

ANALYTIC METHODS:

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

NOTES:

All top of casing elevations were surveyed by Tronoff Land Surveying, Davis, California on November 2, 1993.

Water level elevation data and laboratory analytic results prior to May 17, 1995 were compiled from Quarterly Monitoring Reports prepared for Chevron by Sierra Environmental Services.

1 GWE corrected for the presence of free-phase hydrocarbons using: GWE = [(TOC-DTW) + (0.8)(Product Thickness)]. 0.8 is the assumed specific gravity of free-phase hydrocarbons.

2 Estimated concentration. TFT surrogate recovery demonstrated sample specific matrix effect. Benzene and Toluene are estimated values due to low recovery of (TFT) surrogate. The (BFB) surrogate had acceptable recovery. Low surrogate recovery can be attributed to sample effervescence (GTEL).

5251.tqm

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: F. Cline | DATE: 5-17-95

ADDRESS: I-580 @ Grant Line Rd | JOB #: 525180

CITY: Tracy CA | SS#: 9-7127

Well ID: MW-1 | Well Condition: okay

Well Location Description: Middle of Lot ≈ 100's of MW-3 ≈ 60' from MW-4

Well Diameter: ~~2~~ 4" in | Hydrocarbon Thickness: 0.005

Total Depth: 39.58 ft

Depth to Liquid: 29.09 ft

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

# of casing Volume: 3 x 10.49 x ~~0.17~~ 0.66 (VF) = 6.9 #Estimated purge Volume: 20 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Bailer (Disposable)

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

Starting Time: 1008

Sampling Time: 1024

Purging Flow Rate: 1.75 gpm.

Time	pH	Conductivity	Temperature	Volume
1012	6.83	1517	70.9	7
1016	6.83	1513	70.2	14
1020	6.82	1499	70.1	21
1024	6.83	1498	70.2	22

Weather Conditions: Sunny Clear

Water Color: Clear | Odor: Strong

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-1	3x40ml VOA	Y	HCL	Superior	Gas BTXE

Comments: FP @ 0.005' Sampled No product in Skimmer.

Plug status 4" okay Lock status okay Box: protective Casing

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 5-17-95

ADDRESS: I-580 @ Grant Line Rd | JOB #: 5251,80

CITY: Tracy CA | SS#: 9-7127

Well ID: MW-2 | Well Condition: okay

Well Location Description: NW Corner dirt ≈ 50' from Road

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 38.30 ft

Depth to Liquid: 26.95 ft

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

# of casing Volume: 3 x 11.35 x 0.17 x (VF) 1.9 | #Estimated purge Volume: 6.0 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Bailer (Disposable)

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

Starting Time: 9:16 | Purging Flow Rate: 10 gpm.

Sampling Time: 9:24

Time	pH	Conductivity	Temperature	Volume
9:17	7.88	820	68.5	2
9:18	~~7.60~~ 7.05	798	68.7	4
9:19	7.00	799	68.5	6
9:24	7.02	799	68.6	7

Weather Conditions: Sunny clear Breezy

Water Color: Clear | Odor: None

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-2	3x40ml VOA	Y	HCL	Superior	Gas BTXE

Comments: ___

Plug status 2" okay Lock status okay Box: Protective Casing

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 5-17-95

ADDRESS: I-580 @ Grant Line Rd | JOB #: 5251,80

CITY: Tracy CA | SS#: 9-7127

Well ID: MW-3 | Well Condition: okay

Well Location Description: NE Corner ≈100' N of MW-1 115' East of MW-2

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 40.12 ft

Depth to Liquid: 29.19 ft

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

# of casing Volume: 3 x 10.93 x 0.17 (VF) = 1.9 | #Estimated purge Volume: 5.6 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Bailer (Disposable)

Did well dewater: NC | If yes, Time: ___ | Volume: ___

Starting Time: 9:54 | Purging Flow Rate: 2 gpm.

Sampling Time: 10:02

Time	pH	Conductivity	Temperature	Volume
9:55	7.10	951	68.7	2
9:56	6.80	~~903~~ 913	67.5	4
9:57	6.71	914	67.3	6
~~10:02~~	6.75	910	67.5	7

Weather Conditions: Sunny Breezy

Water Color: None | Odor: Mild Sweet

Sediment Description: None.

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-3	3x40ml VOA	Y	HCL	Superior	Gas BTXE

Comments: ___

Plug status 2" okay Lock status okay Box: protective casing

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 5-17-95

ADDRESS: I-580 @ Grant Line Rd | JOB #: 5251,80

CITY: Tracy CA | SS#: 9-7127

Well ID: MW-4 | Well Condition: okay

Well Location Description: Southern corner at 30' from Rd

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 40.32 ft

Depth to Liquid: 29.22 ft

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

# of casing Volume: 3x 11.10 x 6.17 x (VF) 1.9 = #Estimated purge Volume 5.7 gal.

Purge Equipment: Stack Pump | Sampling Equipment: Bailer (Disposable)

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

Starting Time: 9:35 | Purging Flow Rate: ___ gpm.

Sampling Time: 9:43

Time	pH	Conductivity	Temperature	Volume
9:36	7.30	876	69.1	2
9:37	7.22	913	68.4	4
9:38	7.22	919	68.3	6
9:43	7.23	918	68.4	7

Weather Conditions: Sunny Clear Breezy

Water Color: None | Odor: None

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-4	3x40ml VOA	Y	HCL	Superior	Gas BTXE

Comments: ___

Plug STATUS 2" okay Lock STATUS okay Box: protective casing

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 5-17-95

ADDRESS: I-580 @ Grant Line Rd | JOB #: 5251,80

CITY: Tracy CA | SS#: 9-7127

Well ID: MW-5 | Well Condition: okay

Well Location Description: East side of property off main lot downhill

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 28.12 ft

Depth to Liquid: 12.71 ft

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

# of casing Volume: 3 x 15.99 x 0.17 x 3.0 | #Estimated purge Volume: 7.9 gal.

Purge Equipment: ~~Stack Pump~~ Bailer | Sampling Equipment: Bailer (Disposable)

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

Starting Time: 854

Sampling Time: 9:04

Purging Flow Rate: ___ gpm.

Time	pH	Conductivity	Temperature	Volume
8:56	8.22	1257	64.6	2.6
9:00	7.95	1247	64.7	5.2
9:04	7.98	1239	64.7	7.9
9:06	8.00	1240	64.7	8.5

Weather Conditions: Sunny clear Breezy

Water Color: Clear | Odor: None

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-5	3x40ml VOA	Y	HCL	Superior	GasBTXE

Comments: ___

Plug STATUS Okay 2" Lock STATUS okay Box Protective ~~Casing~~

Fax copy of Lab Report and COC to Chevron Contact: ☐ No 81621

Chain-of-Custody-Record

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

Chevron Facility Number 9-7127
Facility Address I-580 @ Grant Line Rd Tracy
Consultant Project Number 5251.85
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 Kahn
(Phone) 842-8752
Laboratory Name Superior
Laboratory Release Number 2768341
Samples Collected by (Name) Frank Cline
Collection Date 5-17-95
Signature [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	TB	—	HCL	Y	X													Analyze
MW-5		3	↓	G	9:06	↓	↓	X													↓
MW-2		↓		↓	924			X													
MW-4					943			X													
MW-3					1002			X													
MW-1					1024			X													

Analyses To Be Performed

DO NOT BILL TB-LB ANALYSIS

Samples stored in ice: M.V.
Appropriate containers: ✓
Samples preserved: ✓
VOA's without headspace: ✓
Yes COLD
HAND DELIVERED.

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	GRI	5-17-95 15:26				24 Hrs. 48 Hrs. 5 Days 10 Days (As Contracted) 5/17/95
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) M. Vevora		Date/Time 15:27 05/17/95	

Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

GETTLER RYAN INC.
6747 SIERRA CT, SUITE G
DUBLIN, CA 94568

Date: June 5, 1995

Attn: ARGY LEYTON

Laboratory Number : 81621

Project Number/Name : 5251.85

This report has been reviewed and

approved for release.

Christine Ham for

Senior Chemist
Account Manager

GETTLEMAN

Attn: ARGY LEYTON

Project 5251.85
Reported on June 1, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology

Laboratory Number 81621

Sample ID	Sampled	Received	Extract.	Analyzed	QC Batch	LAB #
TB-LB	05/17/95	05/17/95	05/26/95	05/26/95	BE261.19	01
MW-5	05/17/95	05/17/95	05/26/95	05/26/95	BE261.19	02
MW-2	05/17/95	05/17/95	05/26/95	05/26/95	BE261.19	03
MW-4	05/17/95	05/17/95	05/26/95	05/26/95	BE261.19	04
MW-3	05/17/95	05/17/95	05/27/95	05/27/95	BE301.03	05
MW-1	05/17/95	05/17/95	05/27/95	05/27/95	BE301.03	06

QC Samples

QC Batch #	QC Sample ID	Type	Ref.	Matrix	Extract.	Analyzed
BE261.19-01	Method Blank	MB		Water	05/26/95	05/26/95
BE261.19-03	C3	MS	81624-03	Water	05/26/95	05/26/95
BE261.19-04	C3	MSD	81624-03	Water	05/26/95	05/26/95
BE301.03-01	Method Blank	MB		Water	05/30/95	05/30/95
BE301.03-02	TNT-3	MS	81659-03	Water	05/30/95	05/30/95
BE301.03-03	TNT-3	MSD	81659-03	Water	05/30/95	05/30/95

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

GETTLER RYAN INC.
Attn: ARGY LEYTON

Project 5251.85
Reported on June 1, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81621-01	TB-LB	Water	1.0	-
81621-02	MW-5	Water	1.0	-
81621-03	MW-2	Water	1.0	-
81621-04	MW-4	Water	1.0	-

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

Compound	81621-01 Conc. ug/L	RL	81621-02 Conc. ug/L	RL	81621-03 Conc. ug/L	RL	81621-04 Conc. ug/L	RL
Gasoline_Range	ND	50	150	50	ND	50	470	50
Benzene	ND	0.5	1.0	0.5	ND	0.5	200	0.5
Toluene	ND	0.5	ND	0.5	ND	0.5	2.2	0.5
Ethyl Benzene	ND	0.5	ND	0.5	ND	0.5	0.9	0.5
Total Xylenes	ND	0.5	ND	0.5	ND	0.5	2.1	0.5
>> Surrogate Recoveries (%) <<								
Trifluorotoluene (SS)	102		135		103		131	

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

GETTLER RYAN INC.
Attn: ARGY LEYTON

Project 5251.85
Reported on June 1, 1995

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID	Matrix	Dil.Factor	Moisture
81621-05	MW-3	Water	100.0	-
81621-06	MW-1	Water	500.0	-

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

Compound	81621-05 Conc. ug/L	RL	81621-06 Conc. ug/L	RL
Gasoline_Range	27000	5000	130000	25000
Benzene	10000	50	22000	250
Toluene	760	50	30000	250
Ethyl Benzene	490	50	2000	250
Total Xylenes	1000	50	10000	250
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	85		87	

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

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 81621
Method Blank(s)

	BE261.19-01		BE301.03-01	
	Conc. ug/L	RL	Conc. ug/L	RL
Gasoline_Range	ND	50	ND	50
Benzene	ND	0.5	ND	0.5
Toluene	ND	0.5	ND	0.5
Ethyl Benzene	ND	0.5	ND	0.5
Total Xylenes	ND	0.5	ND	0.5
>> Surrogate Recoveries (%) <<				
Trifluorotoluene (SS)	86		87	

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

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 81621

Compound	Sample conc.	SPK Level	SPK Result	Recovery %	Limits %	RPD %
For Water Matrix (ug/L)						
BE261.19 03 / 04 - Sample Spiked: 81624 - 03						
Gasoline_Range	ND	320	280/270	88/84	65-135	5
Benzene	ND	20	18/16	90/80	65-135	12
Toluene	ND	20	19/17	95/85	65-135	11
Ethyl Benzene	ND	20	19/18	95/90	65-135	5
Total Xylenes	ND	60	58/54	97/90	65-135	7
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				101/98	50-150	
For Water Matrix (ug/L)						
BE301.03 02 / 03 - Sample Spiked: 81659 - 03						
Gasoline_Range	ND	323	260/296	80/92	65-135	14
Benzene	ND	20	21/23	105/115	65-135	9
Toluene	ND	20	20/20	100/100	65-135	0
Ethyl Benzene	ND	20	19/19	95/95	65-135	0
Total Xylenes	ND	60	60/60	100/100	65-135	0
>> Surrogate Recoveries (%) <<						
Trifluorotoluene (SS)				85/86	50-150	

Definitions:
ND = Not Detected
RL = Reporting Limit
NA = Not Analysed
RPD = Relative Percent Difference
ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)
ug/kg = parts per billion (ppb)
mg/kg = parts per million (ppm)

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