

ENVIRONMENTAL

95 JUL 13 PM 1:05



Chevron

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

Site Assessment & Remediation Group
Phone (510) 842-9500

July 10, 1995

Analyze for MTBE in future sampling events.

Ms. Eva Chu
Alameda County Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Re: Former Chevron Station # 9-2582, 7240 Dublin Blvd., Dublin, CA
Attached groundwater monitoring report (Blaine Tech, 12/22/94)

why so long before getting QMR > 6 months!

Dear Ms. Chu:

Please find attached a report dated December 22, 1994, which was prepared by Chevron's consultant, Blaine Tech Services (Blaine Tech), to describe groundwater monitoring performed at the subject site on November 30, 1994.

During Blaine Tech's June site visit the measured direction of groundwater flow was generally toward the northwest. All six site-related monitoring wells were sampled and analyzed for the presence of TPHGas and BTEX constituents. Except for well EA-2, dissolved hydrocarbons were detected at each well. The measured concentrations were similar to those detected during previous site monitoring events. However, the concentrations of dissolved hydrocarbons detected at well MW-3 were unusually high. Analytical results from next quarter's sampling event will be evaluated for any trend of increasing concentrations.

If you have any questions or comments, I can be reached at (510) 842-8695.

Sincerely,

Brett L. Hunter
Environmental Engineer
Site Assessment and Remediation

Attachment

cc: Lester Feldman, San Francisco Bay RWQCB, Oakland, CA
Janet Clinton (for Parkway Three), 2425 Webb Avenue, Suite 200, Alameda, CA 94501
Bette Owen, Chevron USA, Products Company, San Ramon, CA (w/o attachment)

December 22, 1994

Brett Hunter
Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583-0804

4th Quarter 1994 monitoring at 9-2582

Fourth Quarter 1994 Groundwater Monitoring at
Chevron Service Station number 9-2582
7240 Dublin Boulevard
Dublin, California

Monitoring performed on November 30, 1994

Groundwater Sampling Report 941130-G-2

This report covers the routine quarterly monitoring of groundwater wells at this former Chevron facility. Blaine Tech Services, Inc. work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

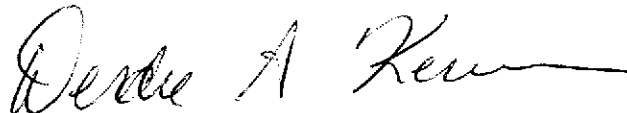
Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to Chevron's Richmond Refinery for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Yours truly,



for:

James Keller
for the Board of Directors

JPK/dk

attachments: Cumulative Table of Field Data and Analytical Results
Analytical Appendix
Professional Engineering Appendix

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	1,2-DCA	MTBE
EA-1											
10/17/88	333.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/88	333.41	322.77	10.64	Gauging	--	--	--	--	--	--	--
11/02/88	333.41	322.72	10.69	Gauging	--	--	--	--	--	--	--
12/20/88	333.41	322.90	10.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	333.41	323.54	9.87	--	<250	<0.5	<0.5	<0.5	<0.5	--	--
08/02/89	333.41	323.07	10.34	--	<50	<0.1	<0.1	<0.1	<0.1	<0.1	--
11/06/89	333.41	322.76	10.65	--	<500	<3.0	<5.0	<5.0	<5.0	<5.0	--
01/25/90	333.41	322.81	10.60	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/23/90	333.41	322.83	10.58	--	71	2.0	5.0	3.0	8.0	<0.5	--
08/01/90	333.41	322.53	10.88	--	300	86	21	10	33	--	--
10/24/91	333.41	322.29	11.12	--	280	69	13	11	16	--	--
01/31/91	333.41	322.25	11.16	--	460	160	11	17	17	--	--
08/21/91	333.41	322.61	10.80	--	2400	400	220	44	120	--	--
08/21/91	333.41	--	--	Duplicate	2300	390	210	42	120	--	--
10/07/91	333.41	322.62	10.79	Not sampled	--	--	--	--	--	--	--
01/28/92	333.41	322.62	10.79	--	3600	320	360	110	310	--	--
01/28/92	333.41	--	--	Duplicate	3000	290	320	99	270	--	--
06/05/92	333.41	322.57	10.84	--	1700	290	89	61	130	--	--
09/30/92	333.41	322.35	11.06	--	2100	160	260	80	350	--	--
12/30/92	333.41	323.26	10.15	Sheen, odor	3200	240	180	110	310	--	--
03/29/93	333.41	323.99	9.42	Odor	23,000	700	3000	610	--	--	--
06/25/93	333.41	322.99	10.42	--	2700	130	590	130	590	--	--
09/16/93	333.41	322.75	10.66	--	3900	410	830	220	890	--	--
12/20/93	333.41	322.81	10.60	--	27,000	1200	2600	1100	4200	--	--
03/29/94	333.41	323.00	10.41	--	6300	250	700	200	830	--	--
06/22/94	333.41	323.01	10.40	--	4100	71	240	110	460	<10	<30
09/20/94	333.41	323.04	10.37	--	8500	1200	1300	370	1400	--	--
10/04/94	333.41	323.07	10.34	--	7600	97	360	150	620	--	--
11/30/94	333.41	323.95	9.46	--	8800	180	490	240	900	--	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	1,2-DCA	MTBE
EA-2											
10/17/88	332.59	--	--	--	<50	<0.5	<0.5	<0.5	1.2	--	--
10/24/88	332.59	322.89	9.70	Gauging	--	--	--	--	--	--	--
11/02/88	332.59	322.56	10.03	Gauging	--	--	--	--	--	--	--
12/20/88	332.59	322.61	9.98	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/89	332.59	323.79	8.80	--	<250	<2.	<0.5	<0.5	<0.5	<0.5	--
08/02/89	332.59	323.15	9.44	--	<50	<0.1	<0.1	<0.1	<0.1	<0.1	--
11/06/89	332.59	323.06	9.53	--	<500	<3.0	<5.0	<5.0	<5.0	<5.0	--
01/25/90	332.59	323.32	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/23/90	332.59	323.24	9.35	--	<50	0.6	0.8	<0.5	2.0	<0.5	--
08/01/90	332.59	322.88	9.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	332.59	322.51	10.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	322.38	10.21	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	332.59	--	--	Duplicate	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	332.59	322.79	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	332.59	322.61	9.98	Not sampled	--	--	--	--	--	--	--
01/28/92	332.59	322.78	9.81	--	<50	0.8	<0.5	<0.5	<0.5	--	--
06/05/92	332.59	322.73	9.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	332.59	321.99	10.60	--	66	1.0	3.2	1.3	7.4	--	--
12/30/92	332.59	323.48	9.11	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	332.59	324.86	7.73	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	332.59	323.37	9.22	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	332.59	322.59	10.00	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	332.59	323.21	9.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	332.59	323.29	9.30	--	<50	<0.5	0.6	<0.5	<0.5	--	--
06/22/94	332.59	323.10	9.49	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	332.59	322.87	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	332.59	323.01	9.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	332.59	323.89	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Cumulative Table of Well Data and Analytical Results

Verical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	1,2-DCA	MTBE
EA-3											
10/17/88	333.64	--	--	--	<50	1.8	<0.5	<0.5	3	--	--
10/24/88	333.64	322.61	11.03	Gauging	--	--	--	--	--	--	--
11/02/88	333.64	322.61	11.03	Gauging	--	--	--	--	--	--	--
12/20/88	333.64	322.68	10.96	--	240	90	1.2	13	3.3	--	--
03/28/89	333.64	322.87	9.77	--	2300	380	130	240	910	--	--
08/02/89	333.64	322.99	10.65	--	<50	<0.1	<0.1	<0.1	<0.1	<0.1	--
11/06/89	333.64	322.86	10.78	--	<500	<3.0	<5.0	<5.0	<5.0	<5.0	--
01/25/90	333.64	322.98	10.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/23/90	333.64	322.96	10.68	--	<50	0.8	<0.5	0.9	<0.5	<0.5	--
08/01/90	333.64	322.61	11.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/90	333.64	322.29	11.35	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	333.64	322.12	11.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	333.64	--	--	Not sampled	--	--	--	--	--	--	--
10/07/91	333.64	322.49	11.15	--	180	40	20	4.7	8.4	--	--
10/07/91	333.64	--	--	Duplicate	200	43	17	4.1	6.7	--	--
01/28/92	333.64	322.12	11.08	--	640	69	85	13	46	--	--
06/05/92	333.64	322.66	10.98	--	250	63	8.3	3.0	9.5	--	--
09/30/92	333.64	322.26	11.38	--	330	120	33	6.3	22	--	--
12/30/92	333.64	323.16	10.48	--	58	7.6	1.3	2.5	5.4	--	--
03/29/93	333.64	324.34	9.30	--	120	11	4.5	6.2	13	--	--
06/25/93	333.64	323.18	10.46	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	333.64	322.74	10.90	--	85	3.9	8.8	4.5	22	--	--
12/20/93	333.64	322.98	10.66	--	190	12	12	13	50	--	--
03/29/94	333.64	323.14	10.50	--	<50	<0.5	1.2	<0.5	0.9	--	--
06/22/94	333.64	323.00	10.64	--	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<3.0
09/26/94	333.64	322.92	10.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	333.64	322.96	10.68	--	<50	<0.5	<0.5	<0.5	0.7	--	--
11/30/94	333.64	323.98	9.66	--	170	6.1	3.0	6.5	28	--	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	1,2-DCA	MTBE
MW-1											
10/04/94	333.56	320.76	12.80	--	2100	150	170	61	320	--	--
11/30/94	333.56	321.18	12.38	--	1500	210	17	73	130	--	--
MW-2											
10/04/94	329.18	320.62	8.56	--	2300	160	280	96	480	--	--
11/30/94	329.18	320.85	8.33	--	1600	170	16	110	120	--	--
MW-3											
10/04/94	332.73	320.67	12.06	--	6300	610	750	68	670	--	--
11/30/94	332.73	321.35	11.38	--	17,000	3600	490	430	610	--	--
<i>Increase in conc.</i>											
PVC											
08/02/89	--	--	11.52	--	100,000	8700	14000	1700	17,000	50	--
08/02/89	--	--	--	Duplicate	110,000	9200	14000	1800	13,000	50	--
11/06/89	--	--	--	--	--	--	--	--	--	--	--
EQUIPMENT BLANK											
03/28/89	--	--	--	--	<250	<0.5	<0.5	<0.5	<0.5	--	--

Cumulative Table of Well Data and Analytical Results

Vertical measurements are in feet.

Analytical values are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	1,2-DCA	MTBE
TRIP BLANK											
07/28/89	--	--	--	--	<50	<0.1	<0.1	<0.1	<0.1	<0.1	--
11/06/89	--	--	--	--	<500	<3.0	<0.5	<0.5	<0.5	<0.5	--
01/25/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/01/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/24/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/31/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/21/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/28/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/25/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
09/16/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/22/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/04/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on September 30, 1992. Earlier field data and analytical results are drawn from the July 13, 1992 RNSA report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

1,2-DCA = 1,2-Dichloroethane

MTBE = Methyl-t-butylether

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

50104
Chain-of-Custody-Record

Chevron U.S.A. Inc. P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number <u>9-2582</u>	Chevron Contact (Name) <u>Brett Hunter</u>
	Facility Address <u>7240 Dublin Blvd., Dublin, CA</u>	(Phone) <u>(510) 842-8695</u>
Consultant Project Number <u>941130-62</u>	Laboratory Name <u>Superior</u>	
Consultant Name <u>Blaine Tech Services, Inc.</u>	Laboratory Release Number <u>2612800</u>	
Address <u>985 Timothy Dr., San Jose, CA 95133</u>	Samples Collected by (Name) <u>GRANT MOHR</u>	
Project Contact (Name) <u>Jim Keller</u>	Collection Date <u>11-30-94</u>	
(Phone) <u>(408) 995-5535</u>	Signature <u>[Signature]</u>	
	(Fax Number) <u>293-8773</u>	

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										DO NOT BILL FOR TB-LB. Remarks	
								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)				
EA1		3	W	D	1135	HCl	Y	X											
EA2		3			1205			X											
EA3		3			1230			X											
MW1		3			1240			X											
MW2		3			1120			X											
MW3		3			1155			X											
TB		2	↓	↓		↓	↓	X											

Please Initial: [Signature]
 Samples Stored in ice YEA 3/0
 Appropriate containers [initials]
 Samples preserved [initials]
 Vials without headspace [initials]
 Comments:

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>11/19/94 1006</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>12-19-94 2:15M</u>	

COC-3.DWG/03 91/HCH

Analytical Appendix



Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

Blaine Tech Services
Attn: Jim Keller

Project 941130-G2
Reported on December 7, 1994

TOTAL PETROLEUM HYDROCARBONS

LAB #	Sample ID	Sampled	Analyzed	Matrix
50104-01	EA1	11/30/94	12/02/94	Water
50104-02	EA2	11/30/94	12/02/94	Water
50104-03	EA3	11/30/94	12/02/94	Water
50104-04	MW1	11/30/94	12/05/94	Water
50104-05	MW2	11/30/94	12/05/94	Water
50104-06	MW3	11/30/94	12/02/94	Water
50104-07	TB-LB	11/30/94	12/02/94	Water

RESULTS OF ANALYSIS

Laboratory Number:	50104-01	50104-02	50104-03	50104-04	50104-05
Gasoline_Range	8800	ND<50	170	1500	1600
Benzene	180	ND<0.5	6.1	210	170
Toluene	490	ND<0.5	3.0	17	16
Ethyl Benzene	240	ND<0.5	6.5	73	110
Total Xylenes	900	ND<0.5	28	130	120
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L
Laboratory Number:	50104-06	50104-07			
Gasoline_Range	17000	ND<50			
Benzene	3600	ND<0.5			
Toluene	490	ND<0.5			
Ethyl Benzene	430	ND<0.5			
Total Xylenes	610	ND<0.5			
Concentration:	ug/L	ug/L			



Superior Precision Analytical, Inc.

A member of ESSCON Environmental Support Service Consortium

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: 50104

NA - Analysis NOT required

ND - Not Detected above quantitation limit

ug/L = parts per billion (ppb)

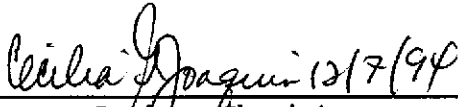
EPA SW-846 Method 5030/8015M/8020 Total Volatile Petroleum Hydrocarbons/BTXE

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	128/128	0	65-135
Benzene	109/109	0	65-135
Toluene	115/114	1	65-135
Ethyl Benzene	118/117	1	65-135
Total Xylenes	119/117	2	65-135


Senior Chemist
Account Manager

Page 2 of 2

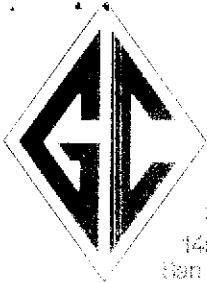
Certified Laboratories

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

Professional Engineering Appendix



GEOCONSULTANTS, INC.

*Engineering Geology - Hydrogeology
Ground-Water Exploration & Development
Ground-Water Resources Management*

1400 Koll Circle, Suite 714
San Jose, California 95127
Telephone: (408) 451-2541
Fax: (408) 458-2542

December 21, 1994
Project No. G758-09

Mr. Richard Blaine
Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133

**RE: GROUND-WATER ELEVATION CONTOUR MAP
FORMER CHEVRON SERVICE STATION NO. 9-2582
7240 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA**

Dear Mr. Blaine:

In accordance with your request, we have prepared a map showing the most recent ground-water elevation contours at this site. The depth to the water table was measured in the monitoring wells by Blaine Tech Services, Inc. on November 30, 1994. The ground-water elevation contours extrapolation and the general direction of the ground-water gradient indicated are to be considered only approximate in nature.

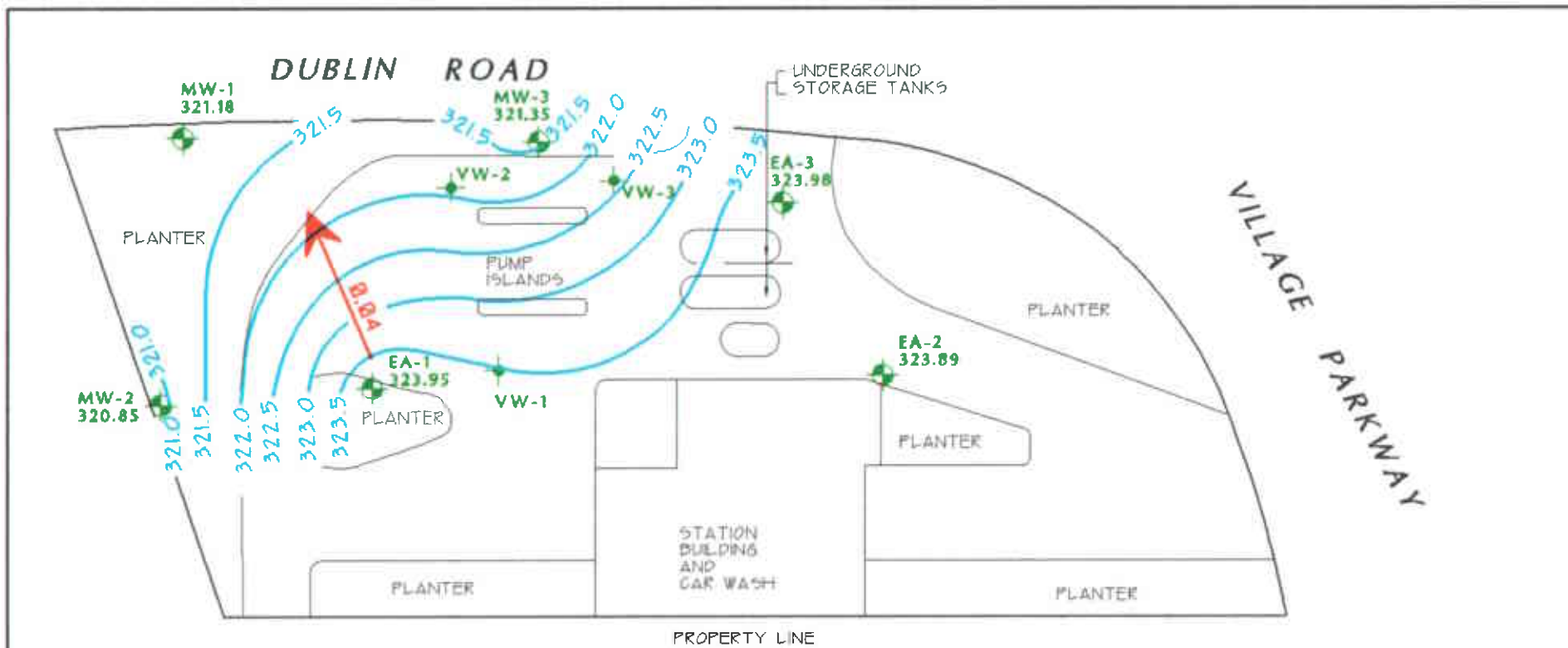
If you have any questions regarding the map, please call.

Very truly yours,





GEOCONSULTANTS, INC.

John K. Hofer
Engineering Geologist, EG-1065


JKH:dw
(CH92582.N94)



EXPLANATION

- MW-2  GROUND-WATER MONITORING WELL
- 320.85 GROUND-WATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- VW-3  VADOSE MONITORING WELL
-  321.0 GROUND-WATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL
-  **0.04** APPROXIMATE DIRECTION OF GROUND-WATER FLOW. GRADIENT INDICATED IN FEET / FEET



NOTES:	TITLE : GROUND-WATER ELEVATION CONTOUR MAP - NOVEMBER 30, 1994	 GEOCONSULTANTS, INC SAN JOSE, CALIFORNIA Project No. G758-09 DRWG NO: W113094 REV:
	LOCATION : FORMER CHEVRON SERVICE STATION #9-2582 7240 DUBLIN BOULEVARD, DUBLIN, CALIFORNIA	
	SOURCE : RESNA	

CHEVRON WELL MONITORING DATA SHEET

Project #: 941130-62	Station # 9- 2582
Sampler: SNAWN	Date Sampled: 11/30/94
Well I.D.: MW-1	Well Diameter: (circle one) (2) 3 4 6
Total Well Depth: Before 25.42 After	Depth to Water: Before 12.38 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC)	Grade Other --

2.0	x	3	=	6.0
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
 Middleburg
 Electric Submersible
 Suction Pump
 Type of Installed Pump _____

Sampling: Bailer
 Middleburg
 Electric Submersible
 Suction Pump
 Installed Pump _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1120	63.4	7.2	2300	—	2	ODOR
1126	63.9	7.2	2000	—	4	
1133	64.2	7.2	2100	—	6	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 1135

Sample I.D.: MW-1 Laboratory: SUPERIOR

Analyzed for: TPH, BTEX

Duplicate I.D.: _____ Cleaning Blank I.D.: _____

Analyzed for: _____

Shipping Notations: _____

Additional Notations: _____

CHEVRON WELL MONITORING DATA SHEET

Project #: 941130-62	Station # 9- 2582
Sampler: SWAWH	Date Sampled: 11/30/94
Well I.D.: MW-2	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before 19.94 After	Depth to Water: Before 4.33 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to:	<u>(PVC)</u> Grade Other --

<u>1.85</u>	x	<u>3</u>	=	<u>5.6</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer ~~X~~ ^{D15P}
 Middleburg
 Electric Submersible
 Suction Pump
 Type of Installed Pump _____

Sampling: Bailer ~~X~~ ^{D15P}
 Middleburg
 Electric Submersible
 Suction Pump
 Installed Pump _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1147	69.4	7.4	1800		2.	
1154	68.3	7.4	1800		4.	
1202	68.6	7.6	2200		6.	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6

Sampling Time: 1205

Sample I.D.: MW-2 Laboratory: SUPERIOR

Analyzed for: TPH, BTEX

Duplicate I.D.: _____ Cleaning Blank I.D.: _____

Analyzed for: _____

Shipping Notations: _____

Additional Notations: _____

CHEVRON WELL MONITORING DATA SHEET

Project #: 94/130-62	Station # 9- 2582
Sampler: SHAWN	Date Sampled: 11-30/94
Well I.D.: MW-3	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before 25.35 After	Depth to Water: Before 11.38 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVC)</u>	Grade Other --

<u>2.23</u>	x	<u>3</u>	=	<u>6.7</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer X 015P
 Middleburg
 Electric Submersible
 Suction Pump
 Type of Installed Pump _____

Sampling: Bailer X 015P
 Middleburg
 Electric Submersible
 Suction Pump
 Installed Pump _____

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1210	69.3	7.6	2400	—	2.25	ODOR (STRONG)
1217	69.4	7.6	2600	—	4.50	
1224	69.4	7.4	2700	—	6.75	

Did Well Dewater? NO If yes, gals.

Gallons Actually Evacuated: 6.75

Sampling Time: 1230

Sample I.D.: MW-3

Laboratory: SUPRIOR

Analyzed for: TPH, BTEX

Duplicate I.D.:

Cleaning Blank I.D.:

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941130-62	Station # 9- 2562
Sampler: GRANT	Date Sampled: 11-30
Well I.D.: EA-1	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before 38.26 After	Depth to Water: Before 9.46 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other --	

<u>18.7</u>	x	<u>3</u>	=	<u>56.2</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer
Middleburg
Electric Submersible
Suction Pump
Installed Pump _____

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1222	66.4	7.4	3100	—	20.0	STRONG
1227	67.0	7.4	2200	—	40.0	ODOR
1231	67.0	7.4	2200	—	57.0	SHEEN ON PEEL

Did Well Dewater? NO If yes, gals.

Gallons Actually Evacuated: 57.0

Sampling Time: 1240

Sample I.D.: EA-1

Laboratory: SUPERIOR

Analyzed for: TPHG, BTEX

Duplicate I.D.:

Cleaning Blank I.D.:

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 94130-62	Station # 9- 2582
Sampler: GRANT	Date Sampled: 11-30-94
Well I.D.: EA2	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before 39.10 After	Depth to Water: Before 8.70 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other --

<u>19.7</u>	x	<u>3</u>	=	<u>59.10</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
~~Middleburg~~
Electric Submersible
 Suction Pump
 Type of Installed Pump

Sampling: Bailer DISP,
~~Middleburg~~
 Electric Submersible
 Suction Pump
 Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1105	66.3	6.8	6000	—	20.0	
1109	66.8	7.0	5400	—	40.0	
1113	66.8	7.0	5500	—	60.0	

Did Well Dewater? NO If yes, gals.

Gallons Actually Evacuated: 60.0

Sampling Time: 1120

Sample I.D.: EA2

Laboratory: SUPERIOR

Analyzed for: TPH6, BTEX

Duplicate I.D.:

Cleaning Blank I.D.:

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941130-G2	Station # 9- 2582
Sampler: GRANT	Date Sampled: 11-30
Well I.D.: EA3	Well Diameter: (circle one) 2 3 <u>4</u> 6
Total Well Depth: Before 34.66 After	Depth to Water: Before 9.66 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u> Grade Other --	

<u>16.2</u>	\times	<u>3</u>	$=$	<u>48.6</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer DISP,
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1139	69.7	7.1	3000	—	18.0	
1143	69.7	7.0	2800	—	35.0	
1147	69.7	7.0	2800	—	49.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 49.0

Sampling Time: 1155

Sample I.D.: EA3 Laboratory: SUPERIOR

Analyzed for: TPHG, BTEX

Duplicate I.D.: _____ Cleaning Blank I.D.: _____

Analyzed for:

Shipping Notations:

Additional Notations: