Chevron

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

August 31, 1994

Mr. Scott Seery
Alameda County Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

Re: Former Chevron Station # 9-5607, 5269 Crow Canyon Road, Castro Valley, CA
Attached groundwater monitoring report (GTI, 8/8/94)

Dear Mr. Seery:

Please find attached a report dated August 8, 1994, which was prepared by Chevron's consultant, Groundwater Technology Inc. (GTI), to describe quarterly **groundwater monitoring performed at the subject site on July 6-7, 1994.**

During GTI's July site visit the measured direction of groundwater flow was west-southwesterly. Fourteen of the fifteen site-related monitoring wells were sampled and analyzed for the presence of TPHGas and BTEX constituents. The detected levels of dissolved hydrocarbons were consistent with those detected during previous site monitoring events.

Chevron's consultant, Geraghty & Miller, is in the process of securing access to the adjacent property downgradient of the subject site. The redevelopment of wells C-6 and RW will occur once access has been negotiated.

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

Sincerely,

Brett L. Hunter

Brett L. Hunter
Environmental Engineer
Site Assessment and Remediation

Attachment

cc: Rich Hiett, San Francisco Bay RWQCB, Oakland, CA
Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA 94546
Paul Hehn, Geraghty & Miller, 1050 Marina Way South, Richmond, CA 94804
Bette Owen, Chevron USA, Products Company, San Ramon, CA (w/o attachment)

GROUNDWATER TECHNOLOGY, INC.

4057 Port Chicago Highway, Concord, CA 94520 (415) 671-2387
FAX: (415) 685-9148

August 8, 1994

Project No. 02010 4228

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

SUBJECT: *Quarterly Monitoring and Sampling Activities*
Chevron Service Station No. 9-5607
5269 Crow Canyon Road
Castro Valley, California

Dear Mr. Hunter:

Groundwater Technology, Inc. presents the quarterly groundwater monitoring and sampling data collected on July 6 and 7, 1994. Fifteen groundwater monitoring wells were gauged to determine depth to groundwater (DTW) and to check for the presence of separate-phase petroleum hydrocarbons. Separate-phase hydrocarbons were not detected in the monitoring wells. A potentiometric surface map and a summary of groundwater monitoring data are presented in attachments 1 and 2, respectively. After measuring DTW, the monitoring wells were purged and sampled. Groundwater monitoring and sample collection protocol and field data sheets are presented in attachment 3. The groundwater samples were analyzed for benzene, toluene, ethylbenzene, xylenes, and total petroleum hydrocarbons-as-gasoline. Laboratory reports and chain-of-custody records are included in attachment 4. Monitoring well purge water was transported by Groundwater Technology to the Chevron Terminal in Richmond, California, for recycling.

Groundwater Technology, Inc. is pleased to assist Chevron on this project. If you have any questions or comments please call our Concord office at (510) 671-2387.

Sincerely,
Groundwater Technology, Inc.
Written/Submitted by

Kenneth P. Johnson
Project Manager

PR

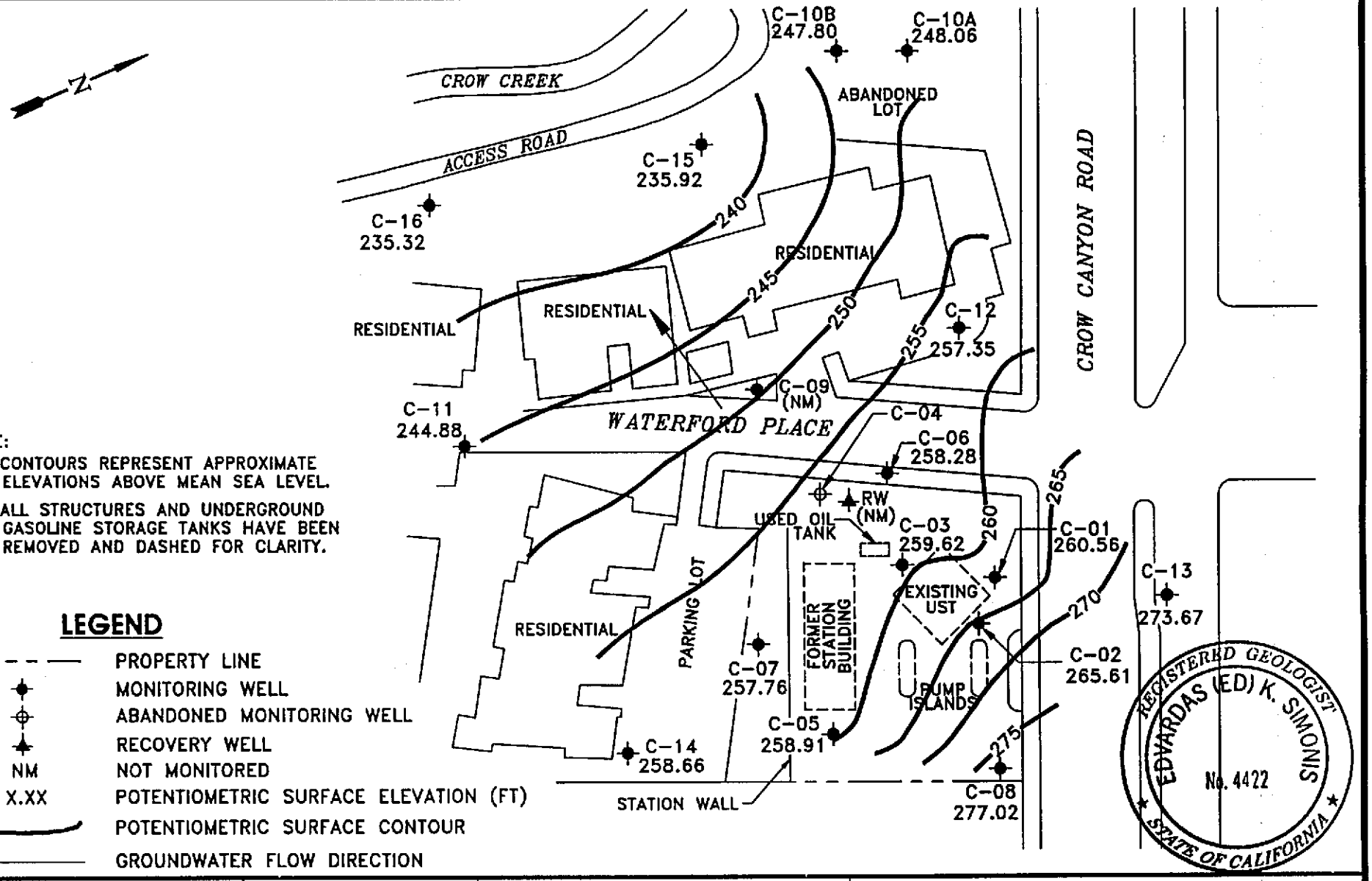
Attachment 1 Figure
Attachment 2 Table
Attachment 3 Protocol and Field Data Sheets
Attachment 4 Laboratory Report

For:
Wendell W. Lattz
Vice President, General Manager
West Region

QM&SR

ATTACHMENT 1

Figure



NOTE:

1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.
2. ALL STRUCTURES AND UNDERGROUND GASOLINE STORAGE TANKS HAVE BEEN REMOVED AND DASHED FOR CLARITY.

LEGEND

———	PROPERTY LINE
✦	MONITORING WELL
⊕	ABANDONED MONITORING WELL
✦	RECOVERY WELL
NM	NOT MONITORED
X.XX	POTENTIOMETRIC SURFACE ELEVATION (FT)
⌒	POTENTIOMETRIC SURFACE CONTOUR
←	GROUNDWATER FLOW DIRECTION

REGISTERED GEOLOGIST
EDVARDAS (ED) K. SIMONIS
No. 4422
STATE OF CALIFORNIA

GROUNDWATER TECHNOLOGY

0 FEET 60
SCALE

CLIENT:
CHEVRON U.S.A. PRODUCTS CO.
FORMER S.S. NO. 9-5607

LOCATION:
5269 CROW CANYON ROAD
CASTRO VALLEY, CALIFORNIA

POTENTIOMETRIC SURFACE MAP (7/6/94)

FILE:	PROJECT NO.:	DES.:	DET.:	DATE:	PM:	PE/RG:	FIGURE:
4228PSM, (1:60)	02010-4228	SS	SS	7/12/94	KS	ES	1

REV.:

ATTACHMENT 2

Table

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-1										
283.46	03/26/85							22.83	0.00	260.63
	07/03/86							23.58	0.00	259.88
	03/26/87							20.50	0.00	262.96
	03/28/88							26.00	0.00	257.46
	03/10/89							15.86	0.00	267.60
	04/03/89							16.85	0.00	266.61
	05/08/89							22.68	0.00	260.78
	06/05/89							24.66	0.00	258.80
	07/12/90							25.56	0.00	257.90
	08/10/90							25.89	0.00	257.57
	09/13/89	3,600	1,100	1,000	3,500	22,000		26.55	0.00	256.91
	10/04/89							25.24	0.00	258.22
	11/03/89							25.03	0.00	258.43
	12/04/89	2,000	550	610	1,600	13,000		26.37	0.00	257.09
	03/07/90							22.48	0.00	260.98
	03/09/90									
	06/12/90	3,500	1,400	840	4,000	21,000		24.35	0.00	259.11
	09/20/90	2,100	1,200	860	5,000	23,000		26.27	0.00	257.19
	12/20/90	760	410	260	1,100	8,200		22.59	0.00	260.87
	03/27/91							19.08	0.00	264.38
	06/18/91							27.11	0.00	256.35
	09/12/91							28.22	0.00	255.24
	01/23/92							26.65	0.00	256.81
	04/13/92	3,100	1,300	850	3,100	38,000		22.16	0.00	261.30
	08/03/92	1,300	470	550	1,600	13,000	ND	26.15	0.00	257.31
	10/22/92	3,500	1,400	1,500	4,300	24,000		26.79	0.00	256.67
	01/18/93	6,900	8,900	3,100	23,000	370,000		18.60	0.00	264.86
	04/19/93	8,000	7,000	1,400	10,000	51,000		21.12	0.00	262.34
	07/21,22/93	3,400	1,000	990	3,100	22,000		23.28	0.00	260.18
	10/25/93	2,000	550	790	2,300	14,000		24.66	0.00	258.80
	01/21/94	350	6	3	15	1,100		20.47	0.00	262.99
	04/18/94	3,200	1,000	1,000	3,100	24,000		23.10	0.00	260.36
	07/06-07/94	6,500	4,200	1,600	9,300	65,000		22.90	0.00	260.56
C-2										
284.37	03/26/85									
	07/03/86							19.69	0.00	264.68
	03/26/87							15.45	0.00	268.92
	03/28/88							20.92	0.00	263.45
	03/10/89							12.80	0.00	271.57
	04/03/89							14.26	0.00	270.11
	05/08/89							18.42	0.00	265.95
	06/05/89							20.09	0.00	264.28
	07/12/90							20.79	0.00	263.58
	08/10/90							21.40	0.00	262.97
	09/13/89	62	4	10	14	320		21.86	0.00	262.51
	10/04/89							19.89	0.00	264.48
	11/03/89							20.76	0.00	263.61
	12/04/89	240	37	66	130	1,000		20.82	0.00	263.55
	03/07/90							17.83	0.00	266.54
	03/09/90	280	35	27	50	390		17.83	0.00	266.54
	06/12/90	260	34	28	55	700		19.89	0.00	264.48
	09/20/90							21.97	0.00	262.40
	12/20/90							17.73	0.00	266.64
	03/27/91							15.10	0.00	269.27
	06/18/91							22.68	0.00	261.69
	09/12/91							23.92	0.00	260.45
	01/23/92							21.24	0.00	263.13
	04/13/92	120	76	17	72	1,100		17.54	0.00	266.83
	08/03/92							22.05	0.00	262.32
	10/22/92							23.03	0.00	261.34
	01/18/93	6.4	ND	ND	ND	70		14.86	0.00	269.51
	04/19/93							16.80	0.00	267.57
	07/21,22/93							19.25	0.00	265.12
	10/25/93							19.65	0.00	264.72
	01/21/94	5,100	1,800	2,000	6,800	43,000		25.57	0.00	258.80
	04/18/94							9.76	0.00	274.61
	07/06-07/94							18.76	0.00	265.61

GROUNDWATER TECHNOLOGY, INC.

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-3										
285.98	03/26/85	-	-	-	-	-	-	-	-	-
	07/03/86	-	-	-	-	-	-	26.04	0.00	259.94
	03/26/87	-	-	-	-	-	-	25.64	0.00	260.34
	03/28/88	-	-	-	-	-	-	28.82	0.00	257.16
	03/10/89	-	-	-	-	-	-	22.78	0.00	263.20
	04/03/89	-	-	-	-	-	-	22.71	0.00	263.27
	05/08/89	-	-	-	-	-	-	25.95	0.00	260.03
	06/05/89	-	-	-	-	-	-	27.62	0.00	258.36
	07/12/90	-	-	-	-	-	-	28.29	0.00	257.69
	08/10/90	-	-	-	-	-	-	28.46	0.00	257.52
	09/13/89	1,400	6,800	2,300	10,000	60,000	-	29.33	0.00	256.65
	10/04/89	-	-	-	-	-	-	28.97	0.00	257.01
	11/03/89	-	-	-	-	-	-	28.72	0.00	257.26
	12/04/89	1,300	3,300	1,400	2,700	56,000	-	29.01	0.00	256.97
	03/07/90	-	-	-	-	-	-	27.69	0.00	258.29
	03/09/90	1,100	5,700	1,600	7,900	42,000	-	27.69	0.00	258.29
	06/12/90	1,400	7,100	3,400	16,000	160,000	-	28.09	0.00	257.89
	09/24/90	850	7,700	2,000	10,000	53,000	-	29.18	0.00	256.80
	12/20/90	1,200	5,400	5,400	33,000	520	-	28.27	0.00	257.71
	03/27/91	1,300	3,100	1,200	11,000	92,000	-	24.80	0.00	261.18
	06/18/91	-	-	-	-	-	-	30.84	0.00	255.14
	09/12/91e	-	-	-	-	-	-	31.64	0.03	254.34
	01/23/92	-	-	-	-	-	-	30.52	SHEEN	255.46
	04/13/92e	-	-	-	-	-	-	26.94	0.01	259.04
	08/03/92	1,300	2,800	3,100	17,000	220,000	ND	30.00	0.00	255.98
	10/22/92e	SP	SP	SP	SP	SP	-	30.62	0.03	255.38
	01/18/93	2,400	5,300	10,000	61,000	1,000,000	-	23.91	0.00	262.07
	04/19/93	33,000	22,000	1,600	9,200	94,000	-	25.00	0.00	260.98
	07/21,22/93	2,600	5,500	1,300	6,900	44,000	-	26.55	0.00	259.43
	10/25/93	3,900	2,400	1,100	6,600	35,000	-	28.72	0.00	257.26
	01/21/94	4,200	2,200	2,000	11,000	120,000	-	29.66	0.00	256.32
	04/18/94	1,200	310	520	2,000	29,000	-	26.74	0.00	259.24
	07/06-07/94	2,700	1,400	1,400	9,700	84,000	-	26.36	0.00	259.62
C-4										
273.01	03/26/85	-	-	-	-	-	-	15.14	0.00	257.87
	07/03/86	-	-	-	-	-	-	15.37	0.00	257.64
	03/26/87	-	-	-	-	-	-	-	-	-
	03/28/88	-	-	-	-	-	-	18.04	0.00	254.97
	03/10/89	-	-	-	-	-	-	-	-	-
	04/03/89	-	-	-	-	-	-	13.34	0.00	259.67
	05/08/89	-	-	-	-	-	-	15.60	0.00	257.41
	06/05/89	-	-	-	-	-	-	16.51	0.00	256.50
	07/12/90	-	-	-	-	-	-	16.99	0.00	256.02
	08/10/90	-	-	-	-	-	-	17.27	0.00	255.74
	09/13/89	21,000	3,100	3,200	11,000	57,000	-	18.16	0.00	254.85
	10/04/89	-	-	-	-	-	-	18.24	0.00	254.77
	11/03/89	-	-	-	-	-	-	18.17	0.00	254.84
	12/04/89	17,000	2,200	2,800	9,800	48,000	-	18.45	0.00	254.56
	03/07/90	-	-	-	-	-	-	17.20	0.00	255.81
	03/09/90	20,000	2,300	2,800	11,000	43,000	-	17.20	0.00	255.81
	06/12/90	21,000	2,400	4,000	16,000	62,000	-	16.66	0.00	256.35
	09/24/90	-	-	-	-	-	-	18.11	0.00	254.90
	12/20/90b	-	-	-	-	-	-	-	-	-

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-5										
287.95	03/26/85	-	-	-	-	-	-	25.33	0.00	262.62
	07/03/86	-	-	-	-	-	-	26.41	0.00	261.54
	03/26/87	-	-	-	-	-	-	24.96	0.00	262.99
	03/28/88	-	-	-	-	-	-	29.80	0.00	258.15
	03/10/89	-	-	-	-	-	-	25.89	0.00	262.06
	04/03/89	-	-	-	-	-	-	24.38	0.00	263.57
	05/08/89	-	-	-	-	-	-	27.80	0.00	260.15
	06/05/89	-	-	-	-	-	-	29.42	0.00	258.53
	07/12/90	-	-	-	-	-	-	29.86	0.00	258.09
	08/10/90	-	-	-	-	-	-	29.77	0.00	258.18
	09/13/89	ND	ND	ND	ND	310	-	30.95	0.00	257.00
	10/04/89	-	-	-	-	-	-	31.48	0.00	256.47
	11/03/89	-	-	-	-	-	-	31.32	0.00	256.63
	12/04/89	ND	ND	ND	ND	ND	-	31.70	0.00	256.25
	03/07/90	-	-	-	-	-	-	30.28	0.00	257.67
	03/09/90	ND	ND	ND	ND	ND	-	30.28	0.00	257.67
	06/12/90	ND	ND	ND	ND	90	-	30.48	0.00	257.47
	09/24/90	ND	ND	ND	ND	ND	-	31.78	0.00	256.17
	12/20/90	ND	ND	1.0	0.7	170	-	33.29	0.00	254.66
	03/27/91	-	-	-	-	-	-	27.98	0.00	259.97
	06/18/91	-	-	-	-	-	-	32.52	0.00	255.43
	09/12/91	-	-	-	-	-	-	33.37	0.00	254.58
	01/23/92	-	-	-	-	-	-	32.67	0.00	255.28
	04/13/92	ND	ND	0.7	ND	140	-	28.48	0.00	259.47
	08/03/92	ND	ND	ND	ND	ND	ND	32.50	0.00	255.45
	10/22/92	-	-	-	-	-	-	33.98	0.00	253.97
	01/18/93	6.6	2.2	3.4	2.2	230	-	27.02	0.00	260.93
	04/19/93	-	-	-	-	-	-	24.81	0.00	263.14
	07/21,22/93	ND	0.6	ND	ND	130	-	29.06	0.00	258.89
	10/25/93	-	-	-	-	-	-	30.95	0.00	257.00
	01/21/94	ND	ND	ND	ND	ND	-	31.91	0.00	256.04
	04/18/94	-	-	-	-	-	-	30.15	0.00	257.80
	07/06-07/94	ND	ND	ND	ND	ND	-	29.04	0.00	258.91
C-6										
	03/26/85	-	-	-	-	-	-	16.74	-	-
275.28	07/03/86	-	-	-	-	-	-	17.46	0.00	257.82
	03/26/87	-	-	-	-	-	-	18.37	0.00	256.91
	03/28/88	-	-	-	-	-	-	29.84	0.00	245.44
	03/10/89	-	-	-	-	-	-	14.44	0.00	260.84
	04/03/89	-	-	-	-	-	-	14.44	0.00	260.84
	05/08/89	-	-	-	-	-	-	17.16	0.00	258.12
	06/05/89	-	-	-	-	-	-	18.51	0.00	256.77
	07/12/90	-	-	-	-	-	-	18.71	0.00	256.57
	08/10/90	-	-	-	-	-	-	19.32	0.00	255.96
	09/13/89	5,600	3,000	2,400	10,000	47	-	19.95	0.00	255.33
	10/04/89	-	-	-	-	-	-	19.87	0.00	255.41
	11/03/89	-	-	-	-	-	-	19.35	0.00	255.93
	12/04/89	8,100	1,800	1,700	7,500	40,000	-	19.59	0.00	255.69
	03/07/90	-	-	-	-	-	-	18.39	0.00	256.89
	03/09/90	23,000	5,900	3,400	17,000	73,000	-	18.39	0.00	256.89
	06/12/90	19,000	6,500	3,400	16,000	85,000	-	18.87	0.00	256.41
	09/24/90	15,000	3,200	2,600	11,000	72,000	-	19.99	0.00	255.29
	12/20/90	11,000	4,200	3,400	16,000	100,000	-	21.57	0.00	253.71
	03/27/91	11,000	4,400	2,300	11,000	100,000	-	16.32	0.00	258.96
	06/18/91	-	-	-	-	-	-	23.33	0.00	251.95
	09/12/91	-	-	-	-	-	-	23.96	0.00	251.32
	01/23/92	-	-	-	-	-	-	12.08	0.00	263.20
	04/13/92	-	-	-	-	-	-	19.85	SHEEN	255.43
	08/03/92	16,000	1,100	2,300	15,000	120,000	ND	14.72	0.00	260.56
	10/22/92	7,400	920	1,800	14,000	63,000	-	14.91	0.00	260.37
	01/18/93	13,000	1,600	2,700	12,000	77,000	-	15.44	0.00	259.84
	04/19/93	14,000	1,100	2,400	9,100	56,000	-	9.25	0.00	266.03
	07/21,22/93	6,600	610	1,500	5,800	38,000	-	17.35	0.00	257.93
	10/25/93	11,000	800	2,200	8,200	42,000	-	21.03	0.00	254.25
	01/21/94	11,000	940	2,300	9,800	57,000	-	21.57	0.00	253.71
	04/18/94	9,800	830	1,900	7,500	48,000	-	18.11	0.00	257.17
	07/06-07/94	6,800	610	900	6,200	46,000	-	17.00	0.00	258.28

GROUNDWATER TECHNOLOGY, INC.

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-7										
270.70	03/26/85							9.61		
	07/03/86							10.74	0.00	259.96
	03/26/87							10.08	0.00	260.62
	03/28/88							13.79	0.00	256.91
	03/10/89							10.42	0.00	260.28
	04/03/89							9.14	0.00	261.56
	05/08/89							11.91	0.00	258.79
	06/05/89							11.54	0.00	259.16
	07/12/90							13.45	0.00	257.25
	08/10/90							13.37	0.00	257.33
	09/13/89	1.3	ND	10	ND	410		14.60	0.00	256.10
	10/04/89							15.17	0.00	255.53
	11/03/89							15.28	0.00	255.42
	12/04/89	1	ND	5	ND	1,000		15.70	0.00	255.00
	03/07/90							14.22	0.00	256.48
	03/09/90	2.8	2.4	3.5	2	590		14.22	0.00	256.48
	06/12/90	ND	5	8.2	3.2	1,200		14.18	0.00	256.52
	09/24/90	1.4	1.9	1.4	2.2	400		15.44	SHEEN	255.26
	09/24/90D	ND	2.4	1.4	1.5	580		15.44	SHEEN	255.26
	12/20/90	ND	6.5	4.7	9.3	2,300		17.08	0.00	253.62
	03/27/91	ND	2.4	9.1	3	980		12.65	0.00	258.05
	06/18/91							16.44	0.00	254.26
	09/12/91	ND	3.1	6.5	2.7	1,200c		17.05	0.00	253.65
	01/23/92							16.92	0.00	253.78
	04/13/92	ND	1	7.8	1.2	830		13.00	0.00	257.70
	08/03/92									
	10/22/92b									
	01/18/93b									
	04/19/93b									
	07/21,22/93	0.9	3	4	4	890		12.94	0.00	257.76
	10/25/93							14.83	0.00	255.87
	01/21/94	ND	6	1	3	660		15.94	0.00	254.76
	04/18/94							14.98	0.00	255.72
	07/06-07/94	ND	5.8	4.2	8.2	960		12.94	0.00	257.76
C-8										
288.40	03/26/85							8.68		
	07/03/86							13.89	0.00	274.51
	03/26/87							6.01	0.00	282.39
	03/28/88							10.66	0.00	277.74
	03/10/89							6.61	0.00	281.79
	04/03/89							6.46	0.00	281.94
	05/08/89							8.97	0.00	279.43
	06/05/89							10.88	0.00	277.52
	07/12/90							12.15	0.00	276.25
	08/10/90							12.46	0.00	275.94
	09/13/89	ND	ND	ND	ND	ND		12.78	0.00	275.62
	10/04/89							12.51	0.00	275.89
	11/03/89							14.63	0.00	273.77
	12/04/89	0.6	0.6	ND	1	64		9.59	0.00	278.81
	03/07/90							8.80	0.00	279.60
	03/09/90	ND	ND	ND	ND	ND		8.80	0.00	279.60
	06/12/90	2.5	1.2	1	1.4	120		8.94	0.00	279.46
	09/24/90							13.54	0.00	274.86
	12/20/90							9.33	0.00	279.07
	03/27/91	0.7	ND	0.7	1.9	54		6.10	0.00	282.30
	06/18/91							11.96	0.00	276.44
	09/12/91	ND	ND	ND	ND	ND		13.60	0.00	274.80
	09/12/91D	ND	ND	ND	ND	ND		13.60	0.00	274.80
	01/23/92							24.20	0.00	264.20
	04/13/92	ND	ND	ND	ND	ND		8.35	0.00	280.05
	08/03/92	ND	ND	ND	ND	ND	ND	12.58	0.00	275.82
	10/22/92	ND	ND	ND	ND	ND		13.10	0.00	275.30
	01/18/93	ND	ND	ND	ND	ND		6.12	0.00	282.28
	04/19/93	ND	ND	ND	ND	ND		7.05	0.00	281.35
	07/21,22/93	ND	ND	ND	ND	ND		11.35	0.00	277.05
	10/25/93	ND	ND	ND	ND	ND		12.85	0.00	275.55
	01/21/94	ND	ND	ND	ND	ND		10.55	0.00	277.85
	04/18/94	1.2	0.9	ND	1.6	ND		9.51	0.00	278.89
	07/06-07/94	ND	ND	ND	ND	ND		11.38	0.00	277.02

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-9										
268.46	07/03/86	-	-	-	-	-	-	13.89	0.00	254.57
	03/26/87	-	-	-	-	-	-	13.74	0.00	254.72
	03/28/88	-	-	-	-	-	-	14.99	0.00	253.47
	03/10/89	-	-	-	-	-	-	13.39	0.00	255.07
	04/03/89	-	-	-	-	-	-	12.84	0.00	255.62
	05/08/89	-	-	-	-	-	-	14.38	0.00	254.08
	06/05/89	-	-	-	-	-	-	15.36	0.00	253.10
	07/12/90	-	-	-	-	-	-	15.65	0.00	252.81
	08/10/90	-	-	-	-	-	-	15.80	0.00	252.66
	09/13/89	14,000	1,100	2,800	4,200	42,000	-	16.53	0.00	251.93
	10/04/89	-	-	-	-	-	-	16.52	0.00	251.94
	11/03/89	-	-	-	-	-	-	16.51	0.00	251.95
	12/04/89	11,000	670	2,500	3,800	36,000	-	16.79	0.00	251.67
	03/07/90	-	-	-	-	-	-	16.22	0.00	252.24
	03/09/90	12,000	940	3,000	4,700	28,000	-	16.22	0.00	252.24
	06/12/90	11,000	1,600	2,300	4,800	39,000	-	14.88	0.00	253.58
	09/24/90	13,000	1,600	3,700	6,800	120,000	-	16.30	0.00	252.16
	12/20/90	9,300	560	2,800	3,300	51,000	-	17.23	0.00	251.23
	12/20/90D	12,000	580	2,800	3,500	44,000	-	17.23	0.00	251.23
	03/27/91	3,400	5,000	1,600	5,600	56,000	-	13.78	0.00	254.68
	06/18/91	-	-	-	-	-	-	18.64	0.00	249.82
	09/12/91d	-	-	-	-	-	-	-	-	-
C-10A										
264.84	03/07/90	-	-	-	-	-	-	20.21	0.00	244.63
	03/09/90	1.6	0.7	0.8	3.5	ND	-	-	-	-
	06/12/90	ND	ND	ND	ND	ND	-	19.70	0.00	245.14
	09/24/90	ND	ND	ND	ND	ND	-	19.54	0.00	245.30
	12/20/90	ND	ND	ND	ND	ND	-	19.84	0.00	245.00
	03/27/91	-	-	-	-	-	-	18.01	0.00	246.83
	06/18/91	ND	ND	ND	ND	ND	-	20.16	0.00	244.68
	09/12/91	ND	ND	ND	ND	ND	-	20.57	0.00	244.27
	01/23/92	ND	ND	ND	ND	ND	-	20.67	0.00	244.17
	04/13/92	0.9	1.3	ND	1	53	-	19.40	0.00	245.44
	08/03/92	ND	ND	ND	ND	ND	ND	19.81	0.00	245.03
	10/22/92	ND	ND	ND	0.5	ND	-	19.83	0.00	245.01
	01/18/93	ND	ND	ND	ND	ND	-	17.04	0.00	247.80
	04/19/93	ND	ND	ND	ND	ND	-	17.77	0.00	247.07
	04/19/93	ND	ND	ND	ND	ND	-	17.56	0.00	247.28
	10/25/93	ND	ND	ND	ND	ND	-	17.77	0.00	247.07
	01/21/94	ND	ND	ND	ND	ND	-	17.91	0.00	246.93
	04/18/94	3.0	3.0	1.4	5.5	ND	-	17.03	0.00	247.81
	07/06-07/94	ND	ND	ND	ND	ND	-	16.78	0.00	248.06

Table
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FORMER CHEVRON SERVICE STATION NO. 9-5607
5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-10B										
264.85	03/07/90	--	--	--	--	--	--	21.44	0.00	243.41
	06/12/90	ND	ND	ND	ND	ND	--	19.94	0.00	244.91
	09/24/90	ND	ND	ND	ND	ND	--	19.77	0.00	245.08
	12/20/90	ND	ND	ND	ND	ND	--	20.00	0.00	244.85
	03/27/91	--	--	--	--	--	--	18.23	0.00	246.62
	06/18/91	--	--	--	--	--	--	20.44	0.00	244.41
	09/12/91	ND	ND	ND	ND	ND	--	20.82	0.00	244.03
	01/23/92	ND	ND	ND	ND	ND	--	20.92	0.00	243.93
	04/13/92	ND	ND	ND	ND	ND	--	19.68	0.00	245.17
	08/03/92	ND	ND	ND	ND	ND	ND	20.07	0.00	244.78
	10/22/92	ND	ND	ND	ND	ND	--	20.12	0.00	244.73
	01/18/93	3.3	11	2.1	8.9	60	--	17.36	0.00	247.49
	04/19/93	ND	ND	ND	ND	ND	--	17.90	0.00	246.95
	07/21,22/93	ND	ND	ND	ND	ND	--	17.86	0.00	246.99
	10/25/93	ND	ND	ND	ND	ND	--	18.10	0.00	246.75
	01/21/94	ND	ND	ND	ND	ND	--	18.23	0.00	246.99
	04/18/94	ND	ND	ND	0.5	ND	--	17.36	0.00	247.49
	07/06-07/94	ND	ND	ND	ND	ND	--	17.05	0.00	247.80
C-11										
265.30	03/07/90	--	--	--	--	--	--	22.74	0.00	242.56
	03/09/90	1.2	0.7	ND	1.4	ND	--	--	--	--
	06/12/90	ND	ND	ND	ND	ND	--	21.98	0.00	243.32
	09/24/90	ND	ND	ND	ND	ND	--	21.88	0.00	243.42
	12/20/90	ND	ND	ND	ND	ND	--	23.18	0.00	242.12
	03/27/91	ND	ND	ND	1.5	ND	--	21.52	0.00	243.78
	06/18/91	--	--	--	--	--	--	21.90	0.00	243.40
	09/12/91	ND	ND	ND	ND	ND	--	22.70	0.00	242.60
	01/23/92	ND	ND	ND	ND	ND	--	23.46	0.00	241.84
	04/13/92	ND	ND	ND	ND	ND	--	21.57	0.00	243.73
	08/03/92	ND	ND	ND	ND	ND	ND	22.67	0.00	242.63
	10/22/92	ND	ND	ND	ND	ND	--	23.29	0.00	242.01
	01/18/93	ND	1.2	ND	2.2	ND	--	21.36	0.00	243.94
	04/19/93	ND	ND	ND	ND	ND	--	19.97	0.00	245.33
	07/21,22/93	ND	ND	ND	ND	ND	--	20.65	0.00	244.65
	10/25/93	ND	ND	ND	ND	ND	--	20.75	0.00	244.55
	01/21/94	ND	ND	ND	ND	ND	--	21.61	0.00	243.69
	04/18/94	ND	ND	ND	ND	ND	--	20.78	0.00	244.52
	07/06-07/94	ND	ND	ND	ND	ND	--	20.42	0.00	244.88
C-12										
269.66	03/07/90	--	--	--	--	--	--	14.92	0.00	254.74
	03/09/90	230	140	33	180	1,400	--	--	--	--
	06/12/90	190	71	18	73	720	--	14.79	0.00	254.87
	09/24/90	1.1	ND	ND	0.6	ND	--	15.72	0.00	253.94
	12/20/90	210	26	8.2	23	810	--	15.26	0.00	254.40
	03/27/91	350	220	52	210	2,900	--	12.11	0.00	257.55
	06/18/91	--	--	--	--	--	--	16.38	0.00	253.28
	09/12/91	59	12	4.5	8.5	350	--	17.55	0.00	252.11
	01/23/92	110	31	7.9	22	450	--	17.11	0.00	252.55
	04/13/92	1,100	76	100	200	5,000	--	14.40	0.00	255.26
	08/03/92	200	21	13	25	520	ND	15.83	0.00	253.83
	10/22/92	310	66	35	56	1,300	--	16.14	0.00	253.52
	01/18/93	1,200	430	220	610	5,600	--	11.70	0.00	257.96
	04/19/93	600	99	96	170	2,000	--	13.05	0.00	256.61
	07/21,22/93	95	36	18	56	540	--	12.84	0.00	256.82
	10/25/93	90	29	20	50	350	--	14.03	0.00	255.63
	01/21/94	73	18	14	37	450	--	14.15	0.00	255.51
	04/18/94	70	21	12	39	370	--	12.95	0.00	256.71
	07/06-07/94	200	35	28	66	840	--	12.31	0.00	257.35

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

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5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-13										
284.32	03/07/90	-	-	-	-	-	-	11.18	0.00	273.14
	03/09/90	15	3.7	1	6.2	ND	-	-	-	-
	06/12/90	2.6	ND	ND	ND	ND	-	10.70	0.00	273.62
	09/24/90	2.4	ND	ND	ND	ND	-	11.60	0.00	272.72
	12/20/90	1.6	ND	ND	ND	ND	-	10.16	0.00	274.16
	03/27/91	-	-	-	-	-	-	7.64	0.00	276.68
	06/18/91	-	-	-	-	-	-	11.32	0.00	273.00
	09/12/91	ND	ND	ND	ND	ND	-	11.84	0.00	272.48
	01/23/92	-	-	-	-	-	-	10.55	0.00	273.77
	04/13/92	1	ND	ND	ND	ND	-	10.96	0.00	273.36
	08/03/92	ND	ND	ND	ND	ND	ND	10.90	0.00	273.42
	10/22/92	-	-	-	-	-	-	11.18	0.00	273.14
	01/18/93	54	10	5.4	12	290	-	7.40	0.00	276.92
	04/19/93	-	-	-	-	-	-	8.93	0.00	275.39
	07/21,22/93	ND	ND	ND	ND	ND	-	10.75	0.00	273.57
	10/25/93	-	-	-	-	-	-	10.85	0.00	273.47
	01/21/94	ND	ND	ND	ND	ND	-	11.05	0.00	273.27
	04/18/94	-	-	-	-	-	-	10.71	0.00	273.61
	07/06-07/94	0.5	ND	ND	ND	ND	-	10.65	0.00	273.67
C-14										
270.74	03/07/90	-	-	-	-	-	-	15.18	0.00	255.56
	03/09/90	ND	ND	ND	ND	ND	-	-	-	-
	06/12/90	ND	ND	ND	ND	ND	-	13.42	0.00	257.32
	09/24/90	ND	ND	ND	ND	ND	-	12.84	0.00	257.90
	12/20/90	1.7	0.7	ND	0.7	ND	-	16.72	0.00	254.02
	03/27/91	ND	ND	ND	1.3	ND	-	8.00	0.00	262.74
	06/18/91	-	-	-	-	-	-	15.21	0.00	255.53
	09/12/91	ND	ND	ND	ND	ND	-	15.61	0.00	255.13
	01/23/92	-	-	-	-	-	-	24.64	0.00	246.10
	04/13/92	ND	ND	ND	ND	ND	-	12.21	0.00	258.53
	08/03/92	ND	ND	ND	ND	ND	ND	14.64	0.00	256.10
	10/22/92	-	-	-	-	-	-	16.94	0.00	253.80
	01/18/93	ND	ND	ND	ND	ND	-	5.10	0.00	265.64
	04/19/93	-	-	-	-	-	-	6.88	0.00	263.86
	07/21,22/93	ND	ND	ND	ND	ND	-	11.16	0.00	259.58
	10/25/93	-	-	-	-	-	-	13.87	0.00	256.87
	01/21/94	ND	ND	ND	ND	ND	-	15.32	0.00	255.42
	04/18/94	-	-	-	-	-	-	15.89	0.00	254.85
	07/06-07/94	ND	ND	ND	ND	ND	-	12.08	0.00	258.66
C-15										
246.15	03/07/90	-	-	-	-	-	-	11.10	0.00	235.05
	03/09/90	ND	1.4	0.5	0.6	410	-	-	-	-
	06/12/90	11	ND	ND	ND	420	-	10.78	0.00	235.37
	09/24/90	ND	1.5	ND	ND	430	-	10.93	0.00	235.22
	12/20/90	1.3	1.1	0.6	1.5	300	-	11.08	0.00	235.07
	03/27/91	4.6	1.1	ND	1	520c	-	8.50	0.00	237.65
	06/18/91	ND	1.1	ND	ND	290	-	10.83	0.00	235.32
	06/18/91D	ND	1.3	ND	ND	320	-	10.83	0.00	235.32
	09/12/91	ND	0.9	ND	ND	330c	-	11.05	0.00	235.10
	01/23/92	ND	0.6	ND	ND	210	-	10.80	0.00	235.35
	01/23/92D	1.2	0.8	ND	ND	190	-	10.80	0.00	235.35
	04/13/92	1.8	ND	ND	ND	430	-	9.58	0.00	236.57
	08/03/92	ND	2.1	0.7	1.3	640	ND	11.21	0.00	234.94
	10/22/92	ND	ND	ND	0.8	420	-	11.65	0.00	234.50
	01/18/93	7.0	3.0	2.9	6.7	640	-	7.12	0.00	239.03
	04/19/93	6.0	2.0	0.7	ND	260c	-	8.93	0.00	237.22
	07/21,22/93	ND	8	ND	0.6	580f	-	9.78	0.00	236.37
	10/25/93	ND	12	ND	0.6	240	-	9.74	0.00	236.41
	01/21/94	0.6	ND	0.6	ND	420f	-	10.37	0.00	235.78
	04/18/94	1.0	4.6	0.6	ND	550	-	9.96	0.00	236.19
	07/06-07/94	0.7	ND	ND	0.7	660	-	10.23	0.00	235.92

Table
HISTORICAL GROUNDWATER ANALYTICAL RESULTS AND MONITORING DATA

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5269 CROW CANYON ROAD, CASTRO VALLEY, CALIFORNIA

WELL ID/ ELEVATION (TOC)	DATE	BENZENE (ppb)	TOLUENE (ppb)	ETHYL-BENZENE (ppb)	XYLENES (ppb)	TPH-G (ppb)	ORGANIC LEAD (ppb)	DTW (feet)	SPT (feet)	WTE (feet)
C-16										
246.69	03/07/90	--	--	--	--	--	--	18.50	0.00	228.19
	03/09/90	ND	ND	ND	ND	ND	--	--	--	--
	06/12/90	ND	ND	ND	ND	ND	--	11.42	0.00	235.27
	09/24/90	ND	ND	ND	ND	ND	--	11.39	0.00	235.30
	12/20/90	ND	ND	ND	0.7	ND	--	11.57	0.00	235.12
	03/27/91	ND	ND	ND	1.3	ND	--	8.76	0.00	237.93
	03/27/91D	ND	ND	ND	1.2	ND	--	8.76	0.00	237.93
	06/18/91	ND	ND	ND	ND	ND	--	11.18	0.00	235.51
	09/12/91	ND	ND	ND	ND	ND	--	11.95	0.00	234.74
	01/23/92	ND	ND	ND	ND	ND	--	12.41	0.00	234.28
	04/13/92	ND	ND	ND	ND	ND	--	10.69	0.00	236.00
	08/03/92	ND	ND	ND	ND	ND	ND	12.20	0.00	234.49
	10/22/92	ND	ND	ND	ND	ND	--	12.60	0.00	234.09
	01/18/93	ND	ND	ND	ND	ND	--	9.00	0.00	237.69
	04/19/93	ND	ND	ND	ND	ND	--	9.89	0.00	236.80
	07/21,22/93	ND	ND	ND	ND	ND	--	10.25	0.00	236.44
	10/25/93	ND	ND	ND	ND	ND	--	10.96	0.00	235.73
	01/21/94	ND	0.7	ND	1	ND	--	11.76	0.00	234.93
	04/18/94	ND	ND	ND	ND	ND	--	11.22	0.00	235.47
	07/06-07/94	ND	ND	ND	ND	ND	--	11.37	0.00	235.32
RW	12/04/89	29,000	1,700	1,800	8,800	62,000	--	--	--	--
274.52	03/07/90	--	--	--	--	--	--	18.50	0.00	256.02
	06/12/90	15,000	2,000	560	3,100	31,000	--	18.49	0.00	256.03
	09/24/90	--	--	--	--	--	--	--	--	--
	12/20/90	0.5	ND	ND	1.2	ND	--	--	--	--
	03/27/91	--	--	--	--	--	--	--	--	--
	06/18/91	--	--	--	--	--	--	--	--	--
	09/12/91a	--	--	--	--	--	--	--	--	--
	01/23/92a	--	--	--	--	--	--	--	--	--
	04/13/92a	--	--	--	--	--	--	--	--	--
	08/03/92a	--	--	--	--	--	--	--	--	--
	10/22/92a	--	--	--	--	--	--	--	--	--
	01/18/93a	--	--	--	--	--	--	--	--	--
	04/19/93a	--	--	--	--	--	--	--	--	--
	07/21,22/93a	--	--	--	--	--	--	--	--	--
	10/25/93	--	--	--	--	--	--	--	--	--
	01/21/94	--	--	--	--	--	--	--	--	--
	04/18/94	--	--	--	--	--	--	--	--	--
	07/06-07/94	--	--	--	--	--	--	--	--	--

Explanation

Top of casing and groundwater elevations are expressed as feet above mean sea level.
TPH-G = Total petroleum hydrocarbons as gasoline
SP = Separate-phase petroleum hydrocarbons
DTW = Depth to water
SPT = Separate-phase hydrocarbon thickness
WTE = Water table elevation
(adjusted WTE = well elevation - (DTW-(SPT X 0.8))
TOC = Top of casing
ppb = parts per billion
ND = Not detected at or above the minimum quantitation limit
-- = Not analyzed
NOTE: See laboratory reports for minimum quantitation limits.
D = Duplicate

a = Not sampled due to insufficient water in well
b = C-4: Well destroyed, C-7: Well could not be located
c = Typical gasoline chromatographic pattern not present
d = Not sampled: Well adapted for on-site remediation system
e = Groundwater elevation corrected assuming 0.8 specific gravity for gasoline
f = Uncategorized compound is not included in gasoline hydrocarbon total

Sampling frequency:
Quarterly: C-1, C-3, C-4, C-6, C-8, C-10A, C-10B, C-11, C-12, C-15, and C-16.
Semi-annually (1st & 3rd quarters): C-5, C-7, C-13, and C-14.
Annually (1st quarter): C-2.

GROUNDWATER TECHNOLOGY, INC.

ATTACHMENT 3

Groundwater Monitoring and Sample Collection Protocol
and
Field Data Sheets

GROUNDWATER TECHNOLOGY GROUNDWATER MONITORING AND SAMPLE COLLECTION PROTOCOL

Groundwater Monitoring

Groundwater monitoring is accomplished using a INTERFACE PROBE™ Well Monitoring System. The INTERFACE PROBE™ Well Monitoring System is a hand held, battery operated device for measuring the depth to separate-phase hydrocarbons and depth to water. The INTERFACE PROBE™ Well Monitoring System consists of a dual-sensing probe which utilizes an optical liquid sensor and electrical conductivity to distinguish between water and petroleum products.

Monitoring is accomplished by measuring from the surveyed top of well casing or grade to groundwater and separate-phase hydrocarbons if present. The static water elevation is then calculated for each well and a potentiometric surface map is constructed. If separate-phase hydrocarbons are detected the water elevation is adjusted by the following calculation:

(Product thickness) x (0.8) + (Water elevation) = Corrected water elevation

Groundwater monitoring wells are monitored in order of wells with lowest concentrations of volatile organic compounds to wells with the highest concentrations, based upon historical concentrations. If separate-phase hydrocarbons are encountered in a well, the product is visually inspected to confirm and note color, amount, and viscosity. Monitoring equipment is washed with laboratory grade detergent and rinsed with distilled or deionized water before monitoring each well.

Groundwater Sampling

Before groundwater samples are collected, sufficient water is purged from each well to ensure representative formation water is entering the well. Wells are purged and sampled in the same order as monitoring, from wells with the lowest concentrations of volatile organic compounds to wells with the highest concentrations. Wells are purged using either a polyvinyl chloride (PVC) bailer fitted with a check valve or with a stainless steel submersible Grundfos pump. The purge equipment is decontaminated before use in each well by washing with laboratory grade detergent and tripled rinsing with deionized or distilled water. A minimum of 3 well-casing volumes of water are removed from each well while pH, electrical conductivity, and temperature are recorded to verify that "fresh" formation water is being sampled and the parameters have stabilized. If the well is low yielding, it may be purged dry and sampled before 3 casing volumes are purged. The wells are then allowed to recharge to approximately 80 percent of the initial water level before a sample is collected.

Groundwater samples are collected from each well using a new, prepackaged disposable bailer and string. The water sample is decanted from the bailer into laboratory-provided containers (appropriate for the analyses required) so that there is no headspace in the containers. Samples collected for benzene, toluene, ethylbenzene, xylene, and total petroleum hydrocarbons (TPH)-as-gasoline analyses are collected in 40-milliliter vials fitted with Teflon® septum lids. Samples are preserved with hydrochloric acid (HCL) to a pH of less than 2. Dissolved metals samples are filtered through a 0.45-micron paper filter in the field and preserved as required before submitting to the laboratory for analyses. All samples are labeled immediately upon collection and logged on the chain-of-custody record. Sample label and chain-of-custody recorded information includes the project name and number, sample identification, date and time of collection, analyses requested, and the sampler's name. Sample bottles are placed in plastic bags (to protect the bottles and labels) and on ice (frozen water) in an insulated cooler and are shipped under chain-of-custody protocol to the laboratory.

The chain-of-custody record documents who has possession of the samples until the analyses is performed. Other pertinent information is also noted for the laboratory use on the chain-of-custody record.

Trip blanks (TBLBs) are used for each project as a quality assurance/quality control measure. The TBLBs are prepared by the laboratory and are placed in the insulated cooler and accompany the field samples throughout the sampling event.

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 1 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-3

Well Diameter: 4

DTW Measurements:
Initial: 26.36
Recharge:

Calc Well Volume: 27.60 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
14:36	20.7	1.81	7.00	7	HAZY	PRODUCT ODOR
14:39	19.8	1.72	6.90	14	CLOUDY	
14:44	20.1	1.69	6.89	21	CLOUDY	
14:47	19.9	1.67	6.77	28	CLOUDY	

oject Name: Chevron - Castro Valley

te Address: 5269 Crow Canyon Rd., Castro Valley

Page 2 of 14

roject Number: 020104228.0610

Project Manager: Ken Johnson

Vell ID: C-1

Vell Diameter: 4"

DTW Measurements:
Initial: 22.90
Recharge: _____

Calc Well Volume: 39.80 gal
Well Volume: _____ gal

urge Method
eristaltic _____
ear Drive _____
ubmersible _____

Pump Depth _____ ft.
Hand Bailed X
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____

Other: _____

Time	Temp (C) / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
14:15	21.9	1.21	6.65	10	CLEAR	PRODUCT ODOR
14:21	20.9	1.18	6.69	20	CLOUDY	
14:26	20.8	1.14	6.70	30	CLOUDY	
14:30	20.6	1.12	6.73	40	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 3 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-6

Well Diameter: 4

DTW Measurements:
Initial: 17.00
Recharge:

Calc Well Volume: 27.72 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
15:00	19.3	1.39	7.60	9	CLEAR	PRODUCT ODOR
15:04	19.1	1.42	7.49	18	HAZY	
15:07	18.9	1.45	7.39	23	CLOUDY	
15:10	18.8	1.46	7.42	28	CLOUDY	

Project Name: Chevron - Castro Valley

Date: 11/1/17

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 4 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-16

DTW Measurements:
Initial: 11.37
Recharge:

Calc Well Volume: 19.41 gal
Well Volume: gal

Well Diameter: 3

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
7:40	16.1	0.91	7.66	3	HAZY	
7:45	16.2	0.97	7.65	9	CLOUDY	
7:50	16.0	0.99	7.66	15	CLOUDY	
7:52	16.1	1.01	7.65	20	CLOUDY	

Project Name: Chevron - Castro Valley

Date: 1/11/13

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 5 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-14

DTW Measurements:
Initial: 12.08
Recharge:

Calc Well Volume: 20.28 gal
Well Volume: gal

Well Diameter: 3

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
08:20	17.9	0.47	6.83	4	CLEAR	
08:24	18.2	0.47	6.77	10	CLEAR	
08:30	18.1	0.48	6.74	16	HAZY	
08:33	18.0	0.49	6.73	21	HAZY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date: 7/7/04

Page 6 of 14

Project Manager: Ken Johnson

Well ID: C-13

Well Diameter: 3

DTW Measurements:
Initial: 10.65 Calc Well Volume: 20.20 gal
Recharge: _____ Well Volume: _____ gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible _____

Pump Depth _____ ft.
Hand Bailed X
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____

Other: _____

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
08:50	18.7	1.16	7.00	4	HAZY	
08:55	19.0	1.17	7.05	10	CLOUDY	
09:01	19.2	1.16	7.07	15	CLOUDY	
09:05	19.1	1.15	7.08	21	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date: 4/4/17

Page 7 of 14

Project Manager: Ken Johnson

Well ID: C-11

Well Diameter: 3

DTW Measurements:
Initial: 20.42
Recharge: _____

Calc Well Volume: 16.05 gal
Well Volume: _____ gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible _____

Pump Depth _____ ft.
Hand Bailed X
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____

Other: _____

Time	Temp (C) / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
09:15	18.6	1.36	6.79	4	CLEAR	
09:19	18.8	1.35	6.80	8	HAZY	
09:23	18.5	1.39	6.81	12	CLOUDY	
09:27	18.4	1.41	6.80	18	CLOUDY	

Project Name: Chevron - Castro Valley

Date: 4/4/15

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 8 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-10B

DTW Measurements:
Initial: 17.05
Recharge:

Calc Well Volume: 10.46 gal
Well Volume: gal

Well Diameter: 3

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
09:50	17.8	0.49	7.66	5	CLEAR	
09:53	18.0	0.51	7.55	9	CLEAR	
09:56	18.1	0.48	7.58	15	HAZY	
10:04	18.1	0.47	7.60	17	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date: 1/1/14

Page 9 of 14

Project Manager: Ken Johnson

Well ID: C-10A

Well Diameter: 3"

DTW Measurements:
Initial: 16.78
Recharge:

Calc Well Volume: 4.65 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp C / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
10:13	17.9	1.10	7.30	1	CLEAR	
10:15	17.6	1.11	7.22	3	HAZY	
10:17	17.8	1.12	7.15	4	CLOUDY	
10:18	18.0	1.13	7.11	5	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date: 1/

Project Manager: Ken Johnson

Well ID: C-12

Well Diameter: 3"

DTW Measurements:
Initial: 12.31
Recharge: _____

Calc Well Volume: 24.43 gal
Well Volume: _____ gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible _____

Pump Depth _____ ft.
Hand Bailed X
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____

Other: _____

Time	Temp (C) / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
13:45	19.6	0.96	7.11	7	CLEAR	
13:53	19.3	0.98	7.10	14	HAZY	
13:59	19.2	0.97	7.09	20	CLOUDY	
14:07	19.0	0.99	7.10	25	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date:

Page 11 of 14

Project Manager: Ken Johnson

Well ID: C-5

Well Diameter: 4

DTW Measurements:
Initial: 29.04
Recharge:

Calc Well Volume: 25.66 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp C / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
10:45	18.3	1.03	7.13	5	CLEAR	
10:55	18.2	1.04	7.00	12	HAZY	
11:02	18.0	1.02	7.03	19	HAZY	
11:08	18.0	1.02	7.09	26	CLOUDY	

Project Name: Chevron - Castro Valley

Date: 1/1/17

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 12 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-15

Well Diameter: 3

DTW Measurements:
Initial: 10.23
Recharge: _____

Calc Well Volume: 11.86 gal
Well Volume: _____ gal

Purge Method
Peristaltic _____
Gear Drive _____
Submersible _____

Pump Depth _____ ft.
Hand Bailed X
Air Lift _____
Other _____

Instruments Used
YSI: X
Hydac: _____
Omega: _____

Other: _____

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
13:20	16.4	1.16	7.06	2	HAZY	
13:24	16.2	1.13	7.05	5	CLOUDY	
13:27	16.5	1.17	7.04	8	CLOUDY	
13:30	16.4	1.15	7.04	12	CLOUDY	

Project Name: Chevron - Castro Valley

Date: 4/7/17

Site Address: 5269 Crow Canyon Rd., Castro Valley

Page 13 of 14

Project Number: 020104228.0610

Project Manager: Ken Johnson

Well ID: C-7

Well Diameter: 2"

DTW Measurements:
Initial: 12.94
Recharge:

Calc Well Volume: 6.15 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp (C / F)	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
12:45	18.7	1.25	6.96	1	CLEAR	
12:48	18.9	1.21	6.99	3	HAZY	
12:53	19.0	1.19	6.98	5	CLOUDY	
12:56	18.9	1.19	7.00	7	CLOUDY	

Project Name: Chevron - Castro Valley

Site Address: 5269 Crow Canyon Rd., Castro Valley

Project Number: 020104228.0610

Date:

Page 14 of 14

Project Manager: Ken Johnson

Well ID: C-8

Well Diameter: 2"

DTW Measurements:
Initial: 11.38
Recharge:

Calc Well Volume: 6.95 gal
Well Volume: gal

Purge Method
Peristaltic
Gear Drive
Submersible

Pump Depth ft.
Hand Bailed X
Air Lift
Other

Instruments Used
YSI: X
Hydac:
Omega:

Other:

Time	Temp C / F	Conductivity	pH	Purge Volume Gallons	Turbidity	Comments
11:20	20.4	0.79	7.65	1	CLEAR	
11:24	20.8	0.80	8.00	3	CLEAR	
11:29	21.2	0.80	8.23	5	CLEAR	
11:32	20.9	0.83	8.30	7	HAZY	

ATTACHMENT 4

Laboratory Report

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Western Region
4080 Pike Lane, Suite C
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
FAX (510) 825-0720

July 16, 1994

Ken Johnson
Groundwater Technology, Inc.
4057 Port Chicago Hwy
Concord, CA 94520

RE: GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

Dear Ken Johnson:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 07/11/94.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes.

GTEL is certified by the Department of Health Service under Certification Number E1075.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Rashmi Shah
Laboratory Director

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

ANALYTICAL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	C4070154-01	C4070154-02	C4070154-03	C4070154-04
Client ID	C-1	C-3	C-5	C-7
Date Sampled	07/07/94	07/07/94	07/07/94	07/07/94
Date Analyzed	07/14/94	07/13/94	07/14/94	07/14/94
Dilution Factor	100.	50.0	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
Benzene	0.5	ug/L	6500	2700	< 0.5	< 0.5
Toluene	0.5	ug/L	4200	1400	< 0.5	5.8
Ethylbenzene	0.5	ug/L	1600	1400	< 0.5	4.2
Xylenes (total)	0.5	ug/L	9300	9700	< 0.5	8.2
TPH as GAS	50.	ug/L	65000	84000	< 50.	960
BFB (Surrogate)	--	%	85.4	108.	87.6	92.8

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical and Chemical Methods, SW-846", Third Edition, Revision 1, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 62-129%. Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

ANALYTICAL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

	GTEL Sample Number	C4070154-05	C4070154-06	C4070154-07	C4070154-08
	Client ID	C-8	C-10A	C-10B	C-11
	Date Sampled	07/07/94	07/07/94	07/07/94	07/07/94
	Date Analyzed	07/13/94	07/13/94	07/13/94	07/13/94
	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)	--	%	101.	98.5	99.7	97.7

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical and Chemical Methods, SW-846", Third Edition, Revision 1, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 62-129%. Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

ANALYTICAL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

	GTEL Sample Number	C4070154-09	C4070154-10	C4070154-11	C4070154-12
	Client ID	C-12	C-13	C-14	C-15
	Date Sampled	07/07/94	07/07/94	07/07/94	07/07/94
	Date Analyzed	07/13/94	07/15/94	07/15/94	07/13/94
	Dilution Factor	1.00	1.00	1.00	1.00
Analyte	Reporting Limit	Units	Concentration:			
Benzene	0.5	ug/L	200	0.5	< 0.5	0.7
Toluene	0.5	ug/L	35.	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	ug/L	28.	< 0.5	< 0.5	< 0.5
Xylenes (total)	0.5	ug/L	66.	< 0.5	< 0.5	0.7
TPH as GAS	50.	ug/L	840	< 50.	< 50.	660
BFB (Surrogate)	--	%	102.	89.1	92.2	101.

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical and Chemical Methods, SW-846", Third Edition, Revision 1, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 62-129%. Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

ANALYTICAL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	C4070154-13	C4070154-14	C4070154-15	--
Client ID	C-16	C-6	TBLB	--
Date Sampled	07/07/94	07/07/94	07/07/94	--
Date Analyzed	07/13/94	07/13/94	07/13/94	--
Dilution Factor	1.00	100.	1.00	--

Analyte	Reporting Limit	Units	Concentration:			
Benzene	0.5	ug/L	< 0.5	6800	< 0.5	--
Toluene	0.5	ug/L	< 0.5	610	< 0.5	--
Ethylbenzene	0.5	ug/L	< 0.5	900	< 0.5	--
Xylenes (total)	0.5	ug/L	< 0.5	6200	< 0.5	--
TPH as GAS	50.	ug/L	< 50.	46000	< 50.	--
BFB (Surrogate)	--	%	94.7	101.	100.	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

"Test Methods for Evaluating Solid Waste, Physical and Chemical Methods, SW-846", Third Edition, Revision 1, US EPA November 1986. Bromofluorobenzene surrogate recovery acceptability limits are 62-129%. Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Method Blank Results

QC Batch No: Q071394-1
Date Analyzed: 13-JUL-94

Analyte	Method: EPA 8020 Concentration: ug/L
Benzene	< 0.30
Toluene	< 0.30
Ethylbenzene	< 0.30
Xylenes (Total)	< 0.50
TPH as Gasoline	< 10.0

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL Client ID: 020104228
Login Number: C4070154
Project ID (number): 020104228
Project ID (name): Chevron # 9-05607, 5269 Crow Canyon Road, Castro Valley, CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Matrix Spike and Matrix Spike Duplicate Results

Analyte	Original Concentration	Spike Amount	Matrix Spike Concentration	Matrix Spike Recovery, %	Matrix Spike Duplicate Concentration	Matrix Spike Duplicate Recovery, %	RPD, %	Acceptability Limits RPD, %	Acceptability Limits Recovery, %
EPA 8020	GTEL Sample ID:C4070150-07		Spike ID:Q071394-3		Dup. ID:Q071394-4				
Units: ug/L	Analysis Date:12-JUL-94		13-JUL-94		13-JUL-94		Client ID:Batch QC		
Benzene	< 0.50	20.0	20.0	100.	19.7	98.5	1.5	34	57.3-138%
Toluene	< 0.50	20.0	18.8	94.0	19.2	96.0	2.1	31	63-134%
Ethylbenzene	< 0.50	20.0	19.0	95.0	19.5	97.5	2.6	38	59.3-137%
Xylenes (Total)	< 0.50	60.0	51.6	86.0	56.1	93.5	8.3	31	59.3-144%

Notes:

GTEL ENVIRONMENTAL LABORATORIES, INC.

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

Chain-of-Custody-Rec

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

Chevron Facility Number 9-5607
Facility Address 5269 CROW CANYON, CASTRO VALLEY
Consultant Project Number 020104228.0610
Consultant Name Groundwater Technology, Inc.
Address 4057 Port Chicago Hwy, Concord, CA. 94520
Project Contact (Name) Tim Watchers
(Phone) 510-671-2387 (Fax Number)

Chevron Contact (Name) BRETT HUNTER
(Phone) 510/842-8695
Laboratory Name GTEL
Laboratory Release Number 2068541C
Samples Collected by (Name) MARK STRUTTER
Collection Date 7/7/94
Signature [signature]

Analyses To Be Performed

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 (ICP or AA)					Remarks
C-1	01	3	W		17:10	HCL	Y	X												
C-3	02	3	↓		17:00	↓	↓	X												
C-5	03	3			16:55			X												
C-7	04	3			16:20			X												
C-8	05	3			16:50			X												
C-10A	06	3			15:45			X												
C-10B	07	3			15:50			X												
C-11	08	3			16:05			X												
C-12	09	3			16:00			X												
C-13	10	3			16:45			X												
C-14	11	3			16:15			X												
C-15	12	3			15:30			X												
C-16	13	3			15:20			X												
C-Comp	14	3	↓		16:30	↓	↓	X												

C4070154

NOTE:
Do Not Bill
TB-LB SAMPLE
SEALS INTACT
CHICK HSG

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	GTI	7/8/94	[signature]	GTI	7-8-94
[signature]	GTI	7-8-94 10:00	John Weber	GTEL	7-11-94 09:30
			Received For Laboratory By (Signature)	7/11/94	

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

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

Chain-of-Custody-Rec

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

Chevron Facility Number 9-5607
Facility Address 5269 Crow Canyon, Castro Valley
Consultant Project Number 020042Z8.C01C
Consultant Name Groundwater Technology, Inc.
Address 4057 Port Chicago Hwy, Concord, CA. 94520
Project Contact (Name) Tim Watchers
(Phone) 510-671-2387 (Fax Number)

Chevron Contact (Name) BRETT HUNTER
(Phone) 510/842-8695
Laboratory Name G-TEL
Laboratory Release Number E6934IC
Samples Collected by (Name) MARK STEUTTER
Collection Date 7/7/94
Signature

NOTE: Do Not Bill TB-LB SAMPLES INITIAL ONLY. A.S.

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	Lead (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals CAM Pb Zn Ni (ICAP or AA)	Remarks
TBLB	15	2	W		12:00	HCl	Y	X								
~~BBTB~~		~~2~~	~~W~~		~~12:00~~	~~HCl~~	~~Y~~	~~X~~								

C4070754

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
	GTI	7-11-94 0930	Joan Weber	GTEL	7-11-94 0930	24 Hrs.
Joan Weber	GTEL	7-11-94 1000	Received By (Signature)	Organization	Date/Time	48 Hrs.
			Received For Laboratory By (Signature)		7/11/94 1000	5 Days
						10 Days