



3164 Gold Camp Drive
Suite 200
Rancho Cordova, California 95670-6021
916/638-2085
FAX: 916/638-8385

September 23, 2002

Mr. Scott Seery
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject: *Source Area Assessment and Proposed Work*
Former Chevron Service Station No. 9-5607
5269 Crow Canyon Road
Castro Valley, California
Delta Project No. DG95-607

Dear Mr. Seery:

Delta Environmental Consultants, Inc. (Delta), was authorized by Chevron Products Company to evaluate the source area petroleum hydrocarbon impacts at the subject site and recommend work that will move the subject site towards closure. This letter is being prepared in response to Alameda County Health Care Services Agency (ACHCSA) letter dated January 13, 2000 (Enclosure A) and a telephone conversation with Mr. Ben Heningburg of Delta on May 29, 2002 to address on-site source area petroleum hydrocarbon impacts under the former underground fuel storage tanks and to present a remediation strategy to reduce those impacts. The location of the site is presented on Figure 1 and a site vicinity map illustrating on-site features is shown on Figure 2.

Source Area Assessment

The main purpose of this document is to further assess the source area impacts and to propose a remediation strategy that will ultimately move this site towards closure. The source area assessment is based on the following assumptions:

- **Impacts to Crow Canyon Creek have been addressed**
Delta reviewed the Corrective Action Plan (CAP) prepared by Weiss Associates (WA) dated May 31, 2000. In their report, WA explored source removal options using what they described as the best available technology and evaluated the plume characteristics with regards to potential impacts to Crow Canyon Creek. Based on your telephone conversation with Mr. Heningburg, Delta understands that WA has addressed the potential impacts to Crow Canyon Creek to the satisfaction of the ACHCSA, and thus Crow Canyon Creek will not be discussed further in this document.
- **Methyl Tertiary Butyl Ether is not a Driver for Corrective Action**
Based on a review of historical analytical data and the ACHCSA letter dated May 29, 2002 (Enclosure A), it is understood that methyl tertiary butyl ether (MTBE) is not a driver for corrective action at this site. Even though groundwater data has shown intermittent levels of MTBE by EPA Method 8020 and 8021 analyses, confirmation of

MTBE by EPA Method 8260 has not confirmed its presence twice in monitoring well C-1 (a source area well) during the April 15, 1997 and October 13, 1998 sampling events. This implies that the MTBE concentrations reported in other wells are more than likely false positives. The MTBE confirmation-sampling event dates and data can be found in Table 1 of the Third Quarter 2002 Groundwater Sampling and Monitoring report provided in Enclosure B. Based on the historical analytical data and the ACHCSA letter which states "MTBE isoconcentration maps are not necessary at this time," Delta assumes that MTBE is not a major constituent of concern, and will focus remedial efforts primarily on benzene and total petroleum hydrocarbons as gasoline (TPHg).

- **Risks to the Forest Creek Townhomes Condominium Complex have been addressed** Weiss and Associates' Risk Based Corrective Action (RBCA) report dated January 20, 1997 and their RBCA Addendum dated June 5, 2000, have stated that there were no significant risks to the Forest Creek Townhomes Condominium Complex residents. Based on your telephone conversation with Mr. Heningburg regarding this site, Delta understands that WA has addressed the risks to the Forest Creek Townhome residents to the satisfaction of the ACHCSA.

*attached to
5/31/02 WA
"project
summary"*

Separate Phase Hydrocarbons in Source Area Assessment

Separate phase hydrocarbons (SPH) continue to periodically appear in monitoring well C-3, as was evident during the July 11, 2002 quarterly monitoring event. A SPH thickness of 0.12 feet was measured in monitoring well C-3. Subsequently, 0.26-gallons of SPH and water were removed from the well (see Table 1 of the report in Enclosure B). Based on this information and as indicated in WA's CAP, there appears to be a small pocket of SPH that still exist in the vicinity of monitoring well C-3 between 23 and 30 feet below surface grade (bsg). Due to the lengthy time span between SPH occurrences in monitoring well C-3, it is believed that SPH slowly migrate up through small fissures in the silts and clays beneath the site until they reach the surface of the groundwater, at which time they become detectable in the monitoring well.

Dissolved Phase Petroleum Hydrocarbon Concentration Trends

With the exception of the SPH reoccurrence in monitoring well C-3, data from some of the highest impacted monitoring wells (C-1 and C-6) have shown general decreasing trends for benzene and TPHg. Groundwater analytical data for benzene and TPHg in wells C-1 and C-6 were trended from the time of their highest historical concentrations to their July 11, 2002 sampling event. Benzene and TPHg trend periods for monitoring wells C-1 and C-6 ranged from approximately 7 years (benzene, C-1) to 12 years (benzene, C-6). The general decreasing trends in these wells indicate that natural attenuation is occurring in and around the source area. In an effort to assess off-site attenuation as well, monitoring wells C-9 and C-12 were evaluated due to their downgradient and cross gradient locations with respect to the source area. After a review of the historical data, benzene and TPHg concentrations in down gradient monitoring well C-9 have shown general decreasing trends. The benzene concentrations from monitoring well C-9 were trended from September 13, 1989 (highest historical level) to April 11, 2002 (approximately a 12 year period). The TPHg concentrations from monitoring well C-9 were trended from September 24, 1990 (highest historical level) to April 11, 2002 (approximately an 11 year period). The decreasing trends in monitoring well C-9 further indicate that the groundwater plume is attenuating. Although, monitoring well C-12, which is down and cross gradient from

the source area, has historically shown a stable to slight increasing TPHg concentration trend, the benzene concentration trend in this well has shown a slight general decreasing trend from January 12, 1998 to July 11, 2002. Furthermore, the analytical results from the latest monitoring event of July 11, 2002, did not indicate the presence of benzene or TPHg concentrations in monitoring well C-12 at or above their respective laboratory reporting limits of 0.5 µg/L and 50 µg/L. Dissolved benzene and TPHg concentration trend graphs with corresponding groundwater elevation data for monitoring wells C-1, C-6, C-9, and C-12 are presented in Enclosure C.

In summary, benzene and TPHg concentrations in and around the vicinity of the source area, with the exception of monitoring well C-3, are shown to be attenuating. This attenuation is further confirmed in downgradient monitoring well C-9.

Evaluation of Remedial Alternatives for Source Area and Site

The technology evaluation WA presented in their CAP to address the source area recommended bailing SPH from monitoring well C-3 whenever SPH were present and to induce product into the well when the depth to groundwater dropped below 30 feet. Unfortunately, since the groundwater levels have continued to increase over the years and may not decrease in the near future, Delta believes that this option is no longer practical. In an effort to effectively address the residual SPH, Delta believes that the groundwater level in and around the vicinity of monitoring well C-3 needs to be artificially lowered to expose and extract the residual SPH from the saturated zone. However, since the subsurface soils at the site are composed mainly of clays (Groundwater Technology, *Monitoring Well Results report*, April 1, 1985), an active remediation system at this site would be severely limited in its remedial effectiveness. This was evident in the low groundwater yields achieved by the site's previous groundwater extraction system that pumped an average of 0.2 gallons per minute from recovery well RW-1 from March 1990 through July 1993 (see Geraghty & Miller, Inc.'s, Table 1-Total Flow Summary in Enclosure D). However, since our main remedial goal at this site is to recover what is believed to be a residual pocket of SPH in and around the immediate vicinity of monitoring well C-3, **a short-term high vacuum two-phase extraction event performed on monitoring well C-3 is believed to be the appropriate and most cost effective remedial alternative available.**

In addition to removing residual SPH through the short-term extraction event, Delta believes that the residual dissolved phase petroleum hydrocarbons can be addressed by monitored natural attenuation. Based on the decreasing concentration trends discussed earlier in this document, the data overwhelmingly supports the theory that the source area and off-site impacts are already being remediated by natural attenuation mechanisms. These mechanisms are believed to consist of aerobic and anaerobic biodegradation, dispersion, volatilization and adsorption. The two main mechanisms believed to be at work at this site are dispersion and biodegradation. Historical groundwater monitoring data show that the groundwater elevations have increased over the past several years, which more than likely have contributed to the dispersion mechanism of natural attenuation. In effect, dispersion has thinned out some of the petroleum hydrocarbon concentrations, and made them more accessible and palatable to microbes for biodegradation. Based on the organic nature of the subsurface soil, which is composed primarily of clay, it is further believed that biodegradation of the hydrocarbons is currently being achieved by indigenous microbes, which usually are abundant in organic clayey soil types.

Proposed Work

Based on the evaluation of the site data, Delta proposes that a three-day high vacuum two-phase extraction event be performed on monitoring well C-3. Delta believes that the groundwater levels in and around the immediate vicinity of monitoring well C-3 can be lowered enough to extract a significant portion of residual SPH. As an added benefit, it is further anticipated that air will be pulled down from the surrounding surface cracks and planter boxes and mix with the groundwater and soil providing additional oxygen in the subsurface. This addition of oxygen will enhance the existing natural biodegradation of residual hydrocarbons.

The high vacuum two-phase extraction event will more than likely require the use of a liquid-ring pump to generate high vacuums and vapor flows through a downhole "stinger" pipe. The stinger pipe will be gradually lowered to the bottom of monitoring well C-3 as it extracts liquids and vapors from the well. Monitoring well C-3 will be sealed at the surface to prevent short-circuiting to the atmosphere. Both liquids and vapors will be pulled into a separating chamber where they will be separated. Extracted groundwater will be treated by liquid phase granular activated carbon and discharged to the local sewer system under permit or if SPH is present, a Chevron approved vendor will haul off the liquid mixture. Soil vapors will be treated by a thermal or catalytic oxidizer then discharged to the atmosphere as authorized by the Bay Area Air Quality Management District. A work plan for the proposed extraction event will be prepared in a separate document. The work plan will include the type of mobile multi-phase extraction unit that will be used, a monitoring and sampling plan, a liquid and vapor abatement/discharge plan, and an event schedule.

Based on the reduction trends discussed earlier in this document, it is further recommended that the site be monitored for natural attenuation. In an effort to assess the environment's favorability to natural attenuation, it is proposed that the site be monitored quarterly for one year simultaneously with the current quarterly groundwater monitoring program for the following parameters:

- Dissolved Oxygen
- Oxidation-reduction Potential
- pH
- Conductivity
- Temperature
- Alkalinity
- Nitrates
- Sulfates
- Ferrous Iron

If at the end of the one-year period, SPH has not reappeared and the above mentioned parameters indicate that the environment is supportive to natural attenuation, it is recommended that the site be monitored for a second year to ensure that concentration trends continue to attenuate and that measurable SPH does not re-appear in any of the wells. If SPH does re-appear during the year after the extraction event, the site would be reevaluated for the need of additional work.

Remarks/Signatures


The interpretations contained in this document represent our professional opinions are based, in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.


If you have any questions regarding this project, please contact Mr. Ben Heningburg at (916) 536-2621 or Mr. Steven Meeks at (916) 536-2613.

2,3

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.


Benjamin I. Heningburg
Project Manager


Steven W. Meeks, P.E.
Senior Engineer
California Registered Civil Engineer No. C057461



Enclosures
SWM (Lrp002.9-5607)

cc: Ms. Karen Streich – Chevron Products Company
Mr. Chuck Headlee – California Regional Water Quality Control Board, San Francisco
Mr. Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA 94546
Ms. Diane Riggs – Forest Creek Townhomes Association
Mr. Jim Brownell – Delta Environmental Consultants, Inc.

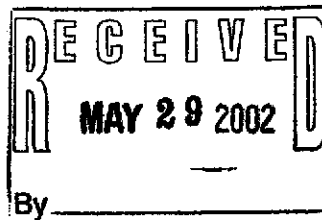
ENCLOSURE A

Alameda County Health Care Services Agency Letter
Dated January 13, 2000
and
Alameda County Health Care Services Agency Letter
Dated May 29, 2002

January 13, 2000

STID 670

Brett L. Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904



RE: (former) Chevron Station #9-5607, 5269 Crow Canyon Road, Castro Valley

Dear Mr. Hunter:

This letter is sent in follow-up to the meeting we had yesterday with Chuck Headlee of the Regional Water Quality Control Board (RWQCB) and Tim Utterback of Weiss Associates (WA), your environmental consultant. As you will recall, we discussed a wide range of topics associated with the continuing investigation, clean-up objectives, and human health risk assessment for the subject former Chevron site. Several action items were agreed to at this meeting, as summarized below:

- The current Tier 2 Risk-Based Corrective Action (RBCA) evaluation will be revised in the form of an addendum in order to reflect the 1998 soil vapor investigation, a revisiting of the 1996 data set, and updated risk calculations based on the most sensitive potential receptor population, among other elements discussed.
- Source removal options will be explored and a proposal submitted within 60 days.
- Plume length and potential impacts to Crow Creek will be modeled, or otherwise extrapolated or calculated. The results of this work will be submitted concurrently with the source removal proposal.

I sincerely appreciate your conscientious efforts to date to satisfy the requests from this office during the course of this project. Please call me at (510) 567-6783 should you have any questions or comments.

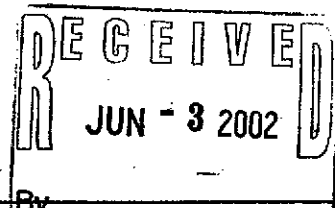
Sincerely,

Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Ariu Levi, Chief, Environmental Protection
Chuck Headlee, RWQCB
Dianne Riggs, Walsh Property Management, P.O. Box 2657, Castro Valley, CA 94541
Tim Utterback, Weiss Associates, 5500 Shellmound St., Emeryville, CA 94608-2411

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



By _____
ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

May 29, 2002

RO0000350

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

Re: Former Chevron Station #9-5607, 5269 Crow Canyon Road, Castro – Sampling schedule revisions

Dear Ms. Streich:

This letter is sent in follow-up to a May 20, 2002 letter from your consultant, Delta Environmental Consultants, Inc. (Delta), requesting revisions to the current well sampling schedule and reporting scope.

After consideration of this request, the following sampling schedule revisions have been accepted:

<u>Well</u>	<u>Revision</u>
C-5	Reduce from semiannual to annual schedule
C-8	Reduce from quarterly to semiannual schedule (although reduction to an annual schedule is also acceptable)
C-11	Reduce from quarterly to annual schedule
C-13	Reduce from semiannual to annual
C-14	Discontinue sampling
C-16	Reduce from quarterly to annual schedule

We also agree to limit groundwater elevation data collection and reporting for specific wells to those quarters when wells are sampled. However, please continue to include contaminant isoconcentration maps for benzene and TPH-G in each quarterly report. MtBE isoconcentration maps are not necessary at this time.

Please contact me at (510) 567-6783 should you have any questions about the content of this letter.

Ms. Karen Streich
Re: 5269 Crow Canyon Rd., Castro Valley
May 29, 2002
Page 2 of 2

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

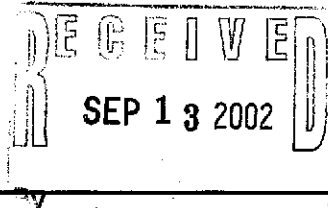
c: Chuck Headlee, RWQCB
 Ben Heningburg, Delta Env. Consultants, Inc., 3164 Gold Camp Dr., Ste. 200
Rancho Cordova, CA 95670-6021

ENCLOSURE B

Groundwater Monitoring and Sampling Report
Third Quarter – Event of July 11, 2002
Dated August 23, 2002



GETTLER-RYAN INC.



TRANSMITTAL

September 9, 2002

G-R #386539

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: **Chevron Service Station**
#9-5607
5269 Crow Canyon Road
Castro Valley, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 23, 2002	Groundwater Monitoring and Sampling Report Third Quarter - Event of July 11, 2002

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **September 23, 2002**, at which time the final report will be distributed to the following:

- cc: Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
- Mr. Chuck Headlee, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
- Mr. Kevin Hinckley, 5269 Crow Canyon Road, Castro Valley, CA 94546
- Ms. Diane Riggs, Forest Creek Townhomes Assoc., c/o Walsh Property Management, P.O. Box 2657, Castro Valley, CA, 94541
- Mr. Tim Utterback, Weiss Associates, 5801 Christy Avenue, Suite 600, Emeryville, CA 94608

Enclosures



GETTLER-RYAN INC.

August 23, 2002
G-R Job #386539

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: Third Quarter Event of July 11, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

Dear Ms. Streich:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. Isoconcentration Maps are included as Figures 2 and 3. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, R.G. No. 6882

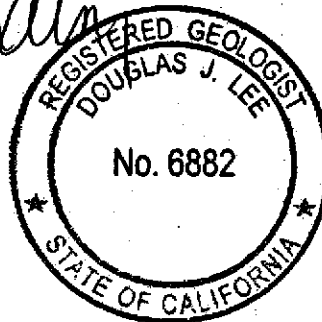
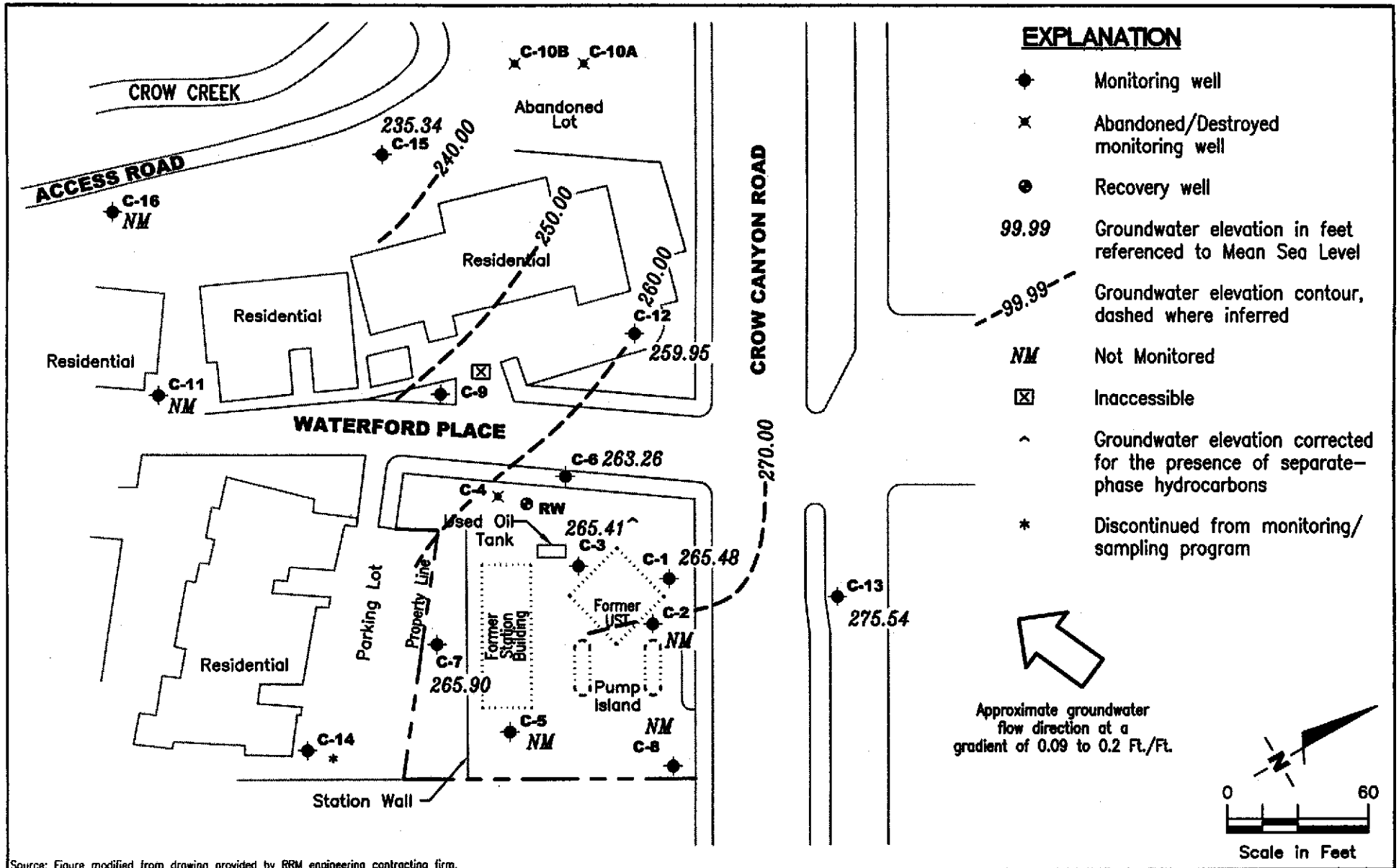


Figure 1: Potentiometric Map
Figure 2: TPH-G Isoconcentration Map
Figure 3: Benzene Isoconcentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by BRM engineering contracting firm.

GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

FIGURE

1

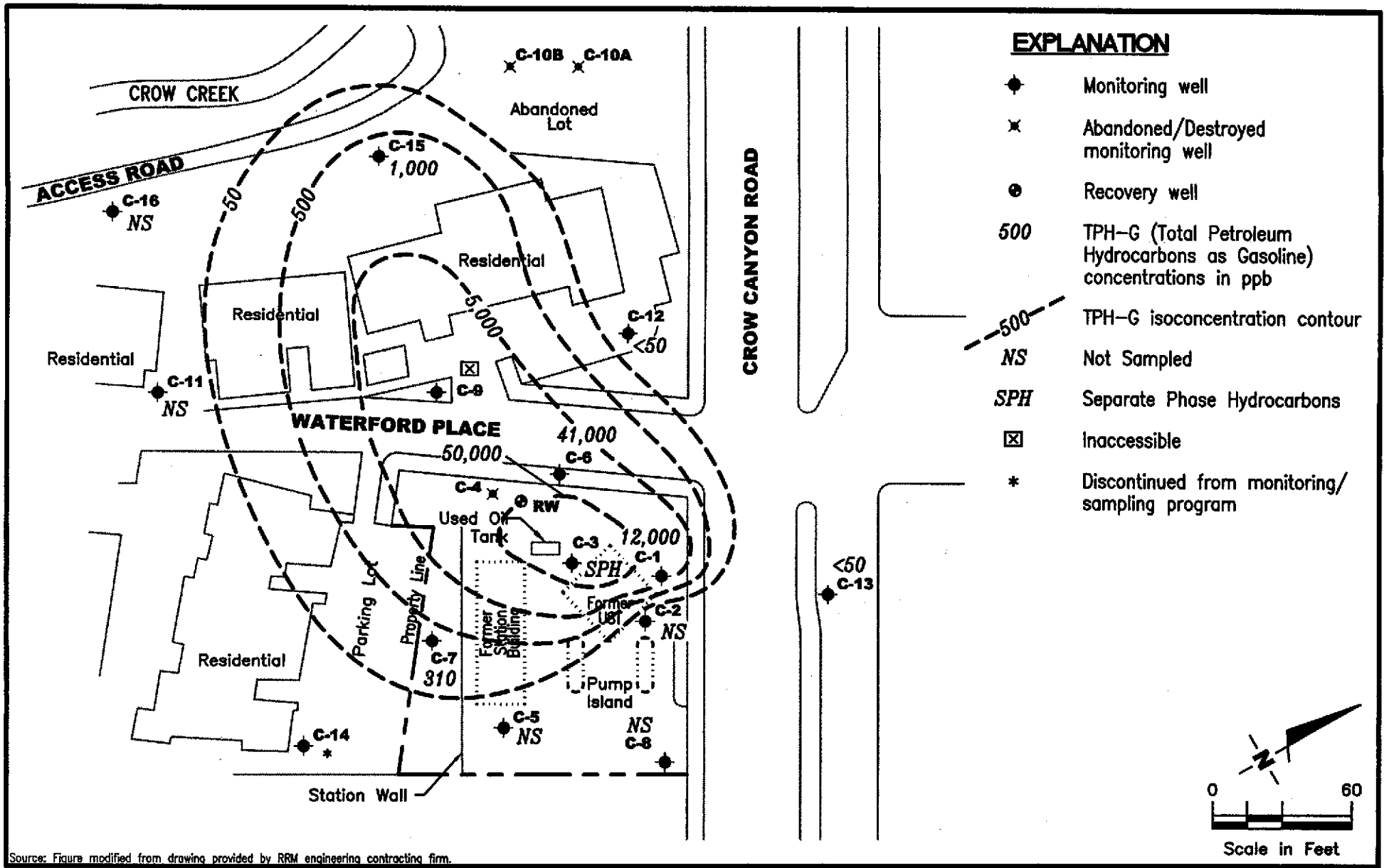
PROJECT NUMBER
 386539

REVIEWED BY

DATE
 July 11, 2002

REVISED DATE

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GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

TPH-G ISOCONCENTRATION MAP
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

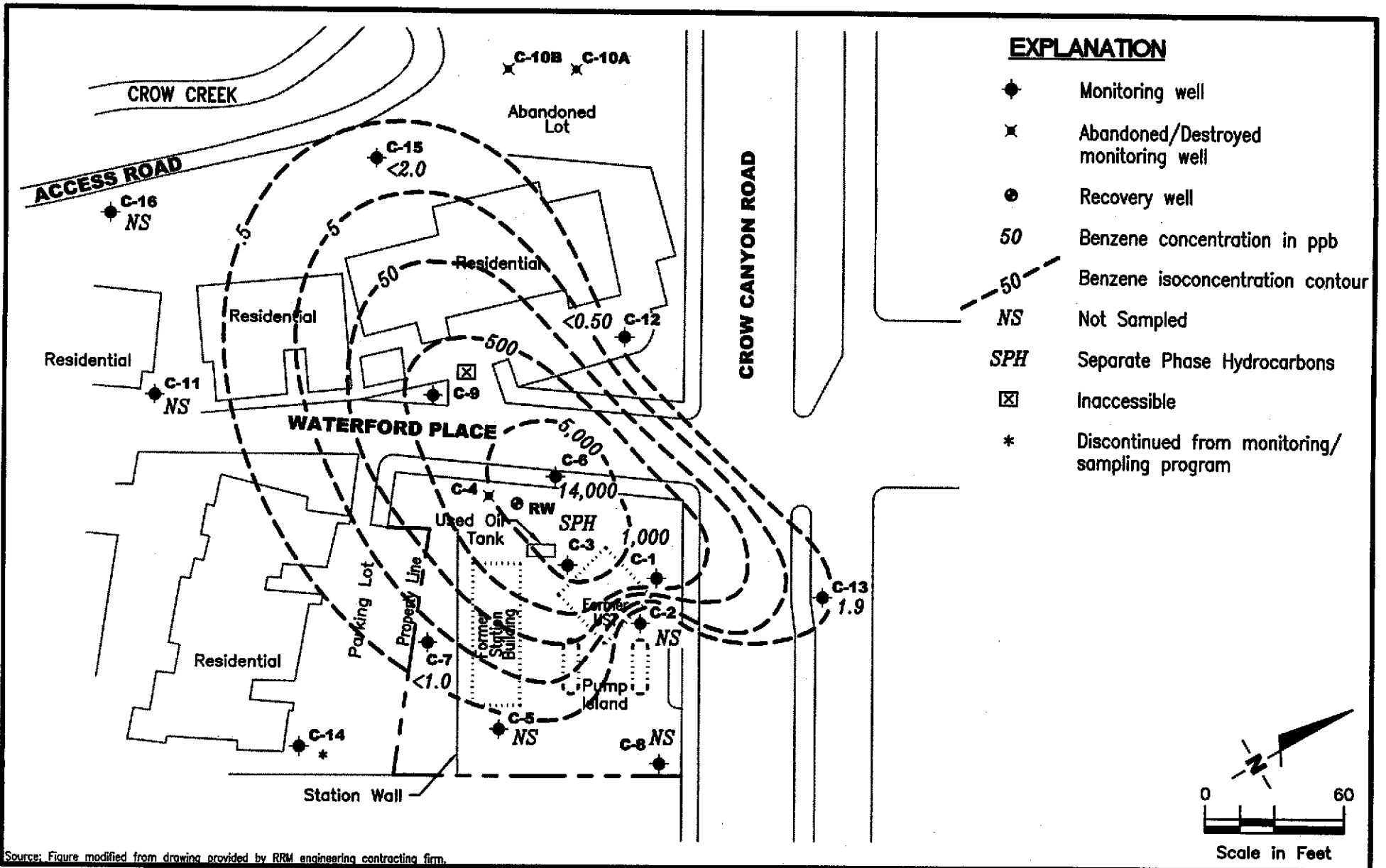
FIGURE
2

PROJECT NUMBER
386539

REVIEWED BY

DATE
 July 11, 2002

REVISED DATE



Source: Figure modified from drawing provided by RRM engineering contracting firm.

GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

BENZENE ISOCONCENTRATION
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

FIGURE

3

PROJECT NUMBER
386539

REVIEWED BY

DATE
 July 11, 2002

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1											
03/26/85	283.46	260.63	22.83	--	--	--	--	--	--	--	--
07/03/86	283.46	259.88	23.58	--	--	--	--	--	--	--	--
03/26/87	283.46	262.96	20.50	--	--	--	--	--	--	--	--
03/28/88	283.46	257.46	26.00	--	--	--	--	--	--	--	--
03/10/89	283.46	267.60	15.86	--	--	--	--	--	--	--	--
04/03/89	283.46	266.61	16.85	--	--	--	--	--	--	--	--
05/08/89	283.46	260.78	22.68	--	--	--	--	--	--	--	--
06/05/89	283.46	258.80	24.66	--	--	--	--	--	--	--	--
07/12/90	283.46	257.90	25.56	--	--	--	--	--	--	--	--
08/10/90	283.46	257.57	25.89	--	--	--	--	--	--	--	--
09/13/89	283.46	256.91	26.55	--	--	22,000	3,600	1,100	1,000	3,500	--
10/04/89	283.46	258.22	25.24	--	--	--	--	--	--	--	--
11/03/89	283.46	258.43	25.03	--	--	--	--	--	--	--	--
12/04/89	283.46	257.09	26.37	--	--	13,000	2,000	550	610	1,600	--
03/07/90	283.46	260.98	22.48	--	--	--	--	--	--	--	--
03/09/90	283.46	--	--	--	--	--	--	--	--	--	--
06/12/90	283.46	259.11	24.35	--	--	21,000	3,500	1,400	840	4,000	--
09/20/90	283.46	257.19	26.27	--	--	23,000	2,100	1,200	860	5,000	--
12/20/90	283.46	260.87	22.59	--	--	8,200	760	410	260	1,100	--
03/27/91	283.46	264.38	19.08	--	--	--	--	--	--	--	--
06/18/91	283.46	256.35	27.11	--	--	--	--	--	--	--	--
09/12/91	283.46	255.24	28.22	--	--	--	--	--	--	--	--
01/23/92	283.46	256.81	26.65	--	--	--	--	--	--	--	--
04/13/92	283.46	261.30	22.16	--	--	38,000	3,100	1,300	850	3,100	--
08/03/92	283.46	257.31	26.15	--	--	13,000	3,100	1,300	850	3,100	--
10/22/92	283.46	256.67	26.79	--	--	24,000	3,500	1,400	1,500	4,300	--
01/18/93	283.46	264.86	18.60	--	--	370,000	6,900	8,900	3,100	23,000	--
04/19/93	283.46	262.34	21.12	--	--	51,000	8,000	7,000	1,400	10,000	--
07/21-22/93	283.46	260.18	23.28	--	--	22,000	3,400	1,000	990	3,100	--
10/25/93	283.46	258.80	24.66	--	--	14,000	2,000	550	790	2,300	--
01/21/94	283.46	262.99	20.47	--	--	1,100	350	6.0	3.0	15	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)	
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-1 (cont)												
04/18/94	283.46	260.36	23.10	--	--	24,000	3,200	1,000	1,000	3,100	--	
07/06-07/94	283.46	260.56	22.90	--	--	65,000	6,500	4,200	1,600	9,300	--	
10/07/94	283.46	258.75	24.71	--	--	27,000	5,100	1,200	1,400	4,300	--	
01/11/95	283.46	265.16	18.30	--	--	29,000	1,300	1,200	930	4,000	--	
04/24/95	283.46	266.52	16.94	--	--	75,000	8,900	5,000	1,700	8,400	--	
07/31/95	283.46	262.90	20.56	--	--	56,000	11,000	2,600	2,500	11,000	--	
10/02/95	283.46	272.88	10.58	--	--	44,000	7,900	1,100	2,100	6,500	--	
01/16/96	283.46	261.71	21.75	--	--	29,000	5,300	460	1,000	2,800	<500	
04/18/96	283.46	264.51	18.95	--	--	59,000	7,100	3,000	2,000	7,600	<250	
07/22/96	283.46	262.46	21.00	--	--	26,000	6,100	610	1,800	4,700	<250	
10/10/96	283.46	261.46	22.00	--	--	24,000	7,100	600	1,700	3,200	<250	
01/09/97	283.46	268.05	15.41	--	--	32,000	4,600	820	1,500	4,000	670	
04/15/97	283.46	264.12	19.34	--	--	100,000	11,000	4,500	3,200	13,000	1,700/<200 ¹	
07/08/97	283.46	263.68	19.78	--	--	42,000	5,500	880	2,000	4,800	920	
10/22/97	283.46	265.13	18.33	--	--	29,000	5,200	970	1,800	4,200	740	
01/12/98	283.46	271.81	11.65	--	--	31,000	2,700	960	2,100	5,700	<1000	
04/21/98	283.46	271.17	12.29	--	--	60,000	3,300	2,100	3,100	10,000	1,400	
07/08/98	283.46	264.89	18.57	--	--	33,000	4,400	1,500	2,800	8,200	<250	
10/13/98	283.46	262.11	21.35	--	--	27,000	3,900	580	2,000	4,200	210	
01/27/99	283.46	262.91	20.55	--	--	1,220	126	21.9	1.6	163	10.3	
04/27/99	283.46	265.81	17.65	--	--	21,300	1,720	226	1,230	2,060	<500	
07/23/99	283.46	264.00	19.46	--	--	17,200	1,440	257	1,070	1,960	<500	
11/01/99	283.46	264.53	18.93	--	--	45,700	4,020	1,280	2,690	8,140	1,250	
01/20/00	283.46	262.62	20.84	--	--	18,000	2,110	354	1,340	2,330	<500	
04/28-29/00	283.46	265.61	17.85	0.00	--	8,300 ³	1,300	470	370	1,300	<130	
07/21/00	283.46	264.57	18.89	0.00	--	18,000 ³	3,100	1,200	1,600	5,700	1,100	
10/09-10/00	283.46	263.38	20.08	0.00	--	31,800 ⁵	3,280	<50.0	2,230	6,800	<250	
01/08-09/01	283.46	262.95	20.51	0.00	--	43,700 ⁵	3,160	1,250	2,580	7,140	1,100	
04/30/01	283.46	265.37	18.09	0.00	--	41,600 ³	3,060	791	2,380	6,260	<1,000	
07/09-10/01	283.46	263.78	19.68	0.00	--	27,000 ³	2,500	480	1,900	5,100	1,900	
10/10/01	283.46	263.49	19.97	0.00	--	28,000	1,900	320	1,500	4,000	170	

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1 (cont)											
01/07/02	283.46	266.91	16.55	0.00	--	7,100	640	47	570	430	64
04/11/02	283.46	265.94	17.52	0.00	--	9,000	730	80	720	740	<50
07/11/02	283.46	265.48	17.98	0.00	--	12,000	1,000	150	810	930	<25
C-2											
03/26/85	284.37	--	--	--	--	--	--	--	--	--	--
07/03/86	284.37	264.68	19.69	--	--	--	--	--	--	--	--
03/26/87	284.37	268.92	15.45	--	--	--	--	--	--	--	--
03/28/88	284.37	263.45	20.92	--	--	--	--	--	--	--	--
03/10/89	284.37	271.57	12.80	--	--	--	--	--	--	--	--
04/03/89	284.37	270.11	14.26	--	--	--	--	--	--	--	--
05/08/89	284.37	265.95	18.42	--	--	--	--	--	--	--	--
06/05/89	284.37	264.28	20.09	--	--	--	--	--	--	--	--
07/12/90	284.37	263.58	20.79	--	--	--	--	--	--	--	--
08/10/90	284.37	262.97	21.40	--	--	--	--	--	--	--	--
09/13/89	284.37	262.51	21.86	--	--	320	62	4.0	10	14	--
10/04/89	284.37	264.48	19.89	--	--	--	--	--	--	--	--
11/03/89	284.37	263.61	20.76	--	--	--	--	--	--	--	--
12/04/89	284.37	263.55	20.82	--	--	1,000	240	37	66	130	--
03/07/90	284.37	266.54	17.83	--	--	--	--	--	--	--	--
03/09/90	284.37	266.54	17.83	--	--	390	280	35	27	50	--
06/12/90	284.37	264.48	19.89	--	--	700	260	34	28	55	--
09/20/90	284.37	262.40	21.97	--	--	--	--	--	--	--	--
12/20/90	284.37	266.64	17.73	--	--	--	--	--	--	--	--
03/27/91	284.37	269.27	15.10	--	--	--	--	--	--	--	--
06/18/91	284.37	261.69	22.68	--	--	--	--	--	--	--	--
09/12/91	284.37	260.45	23.92	--	--	--	--	--	--	--	--
01/23/92	284.37	263.13	21.24	--	--	--	--	--	--	--	--
04/13/92	284.37	266.83	17.54	--	--	1,100	120	76	17	72	--
08/03/92	284.37	262.32	22.05	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-2 (cont)												
10/22/92	284.37	261.34	23.03	--	--	--	--	--	--	--	--	--
01/18/93	284.37	269.51	14.86	--	--	70	6.4	ND	ND	ND	--	--
04/19/93	284.37	267.57	16.80	--	--	--	--	--	--	--	--	--
07/21-22/93	284.37	265.12	19.25	--	--	--	--	--	--	--	--	--
10/25/93	284.37	264.72	19.65	--	--	--	--	--	--	--	--	--
07/06-07/94	284.37	265.61	18.76	--	--	--	--	--	--	--	--	--
10/07/94	284.37	264.20	20.17	--	--	--	--	--	--	--	--	--
01/11/95	284.37	270.33	14.04	--	--	780	290	9.1	19	58	--	--
04/24/95	284.37	272.03	12.34	--	--	SAMPLED ANNUALLY		--	--	--	--	--
07/31/95	287.37	266.82	17.55	--	--	--	--	--	--	--	--	--
10/02/95	284.37	265.39	18.98	--	--	--	--	--	--	--	--	--
01/16/96	284.37	268.37	16.00	--	--	260	29	2.9	5.7	21	6.1	--
04/18/96	284.37	270.47	13.90	--	--	--	--	--	--	--	--	--
07/22/96	284.37	266.63	17.74	--	--	--	--	--	--	--	--	--
10/10/96	284.37	265.46	18.91	--	--	--	--	--	--	--	--	--
01/09/97	284.37	271.62	12.75	--	--	460	25	15	72	24	6.3	--
04/15/97	284.37	268.32	16.05	--	--	--	--	--	--	--	--	--
07/08/97	284.37	267.95	16.42	--	--	--	--	--	--	--	--	--
10/22/97	284.37	268.95	15.42	--	--	--	--	--	--	--	--	--
01/12/98	284.37	272.85	11.52	--	--	280	22	1.4	5.3	1.2	13	--
04/21/98	284.37	274.22	10.15	--	--	--	--	--	--	--	--	--
07/08/98	284.37	268.29	16.08	--	--	--	--	--	--	--	--	--
10/13/98	284.37	265.40	18.97	--	--	--	--	--	--	--	--	--
01/27/99	284.37	268.52	15.85	--	--	153	4.83	0.628	<0.5	<0.5	4.73	--
04/27/99	284.37	270.11	14.26	--	--	--	--	--	--	--	--	--
07/23/99	284.37	268.99	15.38	--	--	--	--	--	--	--	--	--
11/01/99	284.37	266.74	17.63	--	--	--	--	--	--	--	--	--
01/20/00	284.37	266.92	17.45	--	--	201	9.68	<0.5	7.32	4.78	<5.0	--
04/28-29/00	284.37	269.86	14.51	0.00	--	SAMPLED ANNUALLY		--	--	--	--	--
07/21/00	284.37	269.30	15.07	0.00	--	--	--	--	--	--	--	--
10/09-10/00	284.37	266.54	17.83	0.00	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
C-2 (cont)											
01/08-09/01	284.37	NACCESSIBL	--	--	--	--	--	--	--	--	--
04/30/01	284.37	269.86	14.51	0.00	--	--	--	--	--	--	--
07/09-10/01	284.37	268.82	15.55	0.00	--	--	--	--	--	--	--
10/10/01	284.37	268.81	15.56	0.00	--	SAMPLED ANNUALLY			--	--	--
01/07/02	284.37	271.30	13.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	284.37	269.77	14.60	0.00	--	--	--	--	--	--	--
07/11/02	284.37	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
C-3											
03/26/85	285.98	--	--	--	--	--	--	--	--	--	--
07/03/86	285.98	259.94	26.04	--	--	--	--	--	--	--	--
03/26/87	285.98	260.34	25.64	--	--	--	--	--	--	--	--
03/28/88	285.98	257.16	28.82	--	--	--	--	--	--	--	--
03/10/89	285.98	263.20	22.78	--	--	--	--	--	--	--	--
04/03/89	285.98	263.27	22.71	--	--	--	--	--	--	--	--
05/08/89	285.98	260.03	25.95	--	--	--	--	--	--	--	--
06/05/89	285.98	258.36	27.62	--	--	--	--	--	--	--	--
07/12/90	285.98	257.69	28.29	--	--	--	--	--	--	--	--
08/10/90	285.98	257.52	28.46	--	--	--	--	--	--	--	--
09/13/89	285.98	256.65	29.33	--	--	60,000	1,400	6,800	2,300	10,000	--
10/04/89	285.98	257.01	28.97	--	--	--	--	--	--	--	--
11/03/89	285.98	257.26	28.72	--	--	--	--	--	--	--	--
12/04/89	285.98	256.97	29.01	--	--	56,000	1,300	3,300	1,400	2,700	--
03/07/90	285.98	258.29	27.69	--	--	--	--	--	--	--	--
03/09/90	285.98	258.29	27.69	--	--	42,000	1,100	5,700	1,600	7,900	--
06/12/90	285.98	257.89	28.09	--	--	160,000	1,400	7,100	3,400	16,000	--
09/24/90	285.98	256.80	29.18	--	--	53,000	850	7,700	2,000	10,000	--
12/20/90	285.98	257.71	28.27	--	--	520	1,200	5,400	5,400	33,000	--
03/27/91	285.98	261.18	24.80	--	--	92,000	1,300	3,100	1,200	11,000	--
06/18/91	285.98	255.14	30.84	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3 (cont)											
09/12/91	285.98	254.34	31.64	0.03	--	--	--	--	--	--	--
01/23/92	285.98	255.46	30.52	Sheen	--	--	--	--	--	--	--
04/13/92	285.98	259.04	26.94	0.01	--	--	--	--	--	--	--
08/03/92	285.98	255.98	30.00	--	--	220,000	1,300	2,800	3,100	17,000	--
10/22/92	285.98	255.38**	30.62	0.03	--	--	--	--	--	--	--
01/18/93	285.98	262.07	23.91	--	--	1,000,000	2,400	5,300	10,000	61,000	--
04/19/93	285.98	260.98	25.00	--	--	94,000	33,000	22,000	1,600	9,200	--
07/21-22/93	285.98	259.43	26.55	--	--	44,000	2,600	5,500	1,300	6,900	--
10/25/93	285.98	257.26	28.72	--	--	35,000	3,900	2,400	1,100	6,600	--
01/21/94	285.98	256.32	29.66	--	--	120,000	4,200	2,200	2,000	11,000	--
04/18/94	285.98	259.24	26.74	--	--	29,000	1,200	310	520	2,000	--
07/06-07/94	285.98	259.62	26.36	--	--	84,000	2,700	1,400	1,400	9,700	--
10/07/94	285.98	257.49	28.49	--	--	40,000	1,600	390	1,200	6,100	--
01/11/95	285.98	262.84	23.14	--	--	34,000	4,200	910	720	3,800	--
04/24/95	285.98	266.10	19.88	--	--	210,000	43,000	28,000	2,400	13,000	--
07/31/95	285.98	261.30	24.68	--	--	110,000	33,000	17,000	2,300	12,000	--
10/02/95	285.98	258.84	27.14	--	--	69,000	6,700	4,000	2,000	11,000	--
01/16/96	285.98	261.60	24.38	--	--	40,000	2,400	440	1,200	5,500	<500
04/18/96	285.98	265.28	20.70	--	--	66,000	26,000	17,000	2,200	12,000	1,250
07/22/96	285.98	261.32	24.66	--	--	69,000	21,000	8,800	1,800	9,900	<1000
10/10/96	285.98	260.75	25.23	--	--	53,000	12,000	2,600	1,900	9,300	<500
01/09/97	285.98	267.74	18.24	--	--	73,000	17,000	6,000	1,700	7,800	<1250
04/15/97	285.98	263.96	22.02	--	--	160,000	28,000	17,000	2,600	12,000	<2500
07/08/97	285.98	263.04**	22.96	0.03	--	--	--	--	--	--	--
10/22/97	285.98	264.08	21.90	--	--	59,000	13,000	5,200	2,100	11,000	1,500
01/12/98	285.98	277.93	8.05	--	--	62,000	10,000	4,100	1,700	8,000	1,000
04/21/98	285.98	270.70	15.28	--	--	70,000	13,000	5,800	1,600	7,100	<1000
07/08/98	285.98	264.83	21.15	--	--	22,000	7,300	2,100	560	2,900	<25
10/13/98	285.98	268.38	17.60	--	--	390	32	4.8	26	42	2.9
01/27/99	285.98	262.31	23.67	--	--	57,100	18,400	2,440	1,660	8,690	<200
04/27/99	285.98	265.98	20.00	--	--	121,000	22,500	11,500	2,970	14,500	<2000

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	SPHT Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
C-3 (cont)											
07/23/99	285.98	255.45**	31.09	0.70	--	--	--	--	--	--	--
11/01/99	285.98	255.45	21.03	--	--	138,000	23,900	14,700	3,970	18,400	1,180
01/20/00	285.98	262.72	23.26	--	--	135,000	20,700	9,870	2,840	13,600	<5000
04/28-29/00	285.98	265.63	20.35	0.00	--	120,000 ³	24,000	11,000	2,700	14,000	2,100
07/21/00	285.98	265.34	20.64	0.00	--	93,000 ³	24,000	11,000	3,100	15,000	2,000
10/09-10/00	285.98	264.35	21.63	0.00	--	83,400 ⁵	21,400	7,130	2,160	12,000	<2,500
01/08-09/01	285.98	INACCESSIBL	--	--	--	--	--	--	--	--	--
04/30/01	285.98	265.65	20.33	0.00	--	104,000 ³	20,800	6,170	2,370	12,800	<2,500
07/09-10/01	285.98	264.53	21.45	0.00	--	81,000 ³	19,000	6,200	2,800	14,000	2,600
10/10/01	285.98	264.70	21.28	0.00	--	90,000	18,000	4,200	1,900	13,000	<50
01/07/02	285.98	267.25	18.73	0.00	--	70,000	15,000	1,300	2,400	15,000	200
04/11/02	285.98	265.85	20.13	0.00	--	71,000	17,000	660	1,600	10,000	<50
07/11/02	285.98	265.41**	20.67	0.12	0.26 ¹⁰	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
C-4											
03/26/85	273.01	257.87	15.14	--	--	--	--	--	--	--	--
07/03/86	273.01	257.64	15.37	--	--	--	--	--	--	--	--
03/26/87	273.01	--	--	--	--	--	--	--	--	--	--
03/28/88	273.01	254.97	18.04	--	--	--	--	--	--	--	--
03/10/89	273.01	--	--	--	--	--	--	--	--	--	--
04/03/89	273.01	259.67	13.34	--	--	--	--	--	--	--	--
05/08/89	273.01	257.41	15.60	--	--	--	--	--	--	--	--
06/05/89	273.01	256.50	16.51	--	--	--	--	--	--	--	--
09/13/89	273.01	254.85	18.16	--	--	57,000	21,000	3,100	3,200	11,000	--
10/04/89	273.01	254.77	18.24	--	--	--	--	--	--	--	--
11/03/89	273.01	254.84	18.17	--	--	--	--	--	--	--	--
12/04/89	273.01	254.56	18.45	--	--	48,000	17,000	2,200	2,800	9,800	--
03/07/90	273.01	255.81	17.20	--	--	--	--	--	--	--	--
03/09/90	273.01	255.81	17.20	--	--	43,000	20,000	2,300	2,800	11,000	--
06/12/90	273.01	256.35	16.66	--	--	82,000	21,000	2,400	4,000	16,000	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-4 (cont)											
07/12/90	273.01	256.02	16.99	--	--	--	--	--	--	--	--
08/10/90	273.01	255.74	17.27	--	--	--	--	--	--	--	--
09/24/90	273.01	254.90	18.11	--	--	--	--	--	--	--	--
ABANDONED											
C-5											
03/26/85	287.95	262.62	25.33	--	--	--	--	--	--	--	--
07/03/86	287.95	261.54	26.41	--	--	--	--	--	--	--	--
03/26/87	287.95	262.99	24.96	--	--	--	--	--	--	--	--
03/28/88	287.95	258.15	29.80	--	--	--	--	--	--	--	--
03/10/89	287.95	262.06	25.89	--	--	--	--	--	--	--	--
04/03/89	287.95	263.57	24.38	--	--	--	--	--	--	--	--
05/08/89	287.95	260.15	27.80	--	--	--	--	--	--	--	--
06/05/89	287.95	258.53	29.42	--	--	--	--	--	--	--	--
07/12/90	287.95	258.09	29.86	--	--	--	--	--	--	--	--
08/10/90	287.95	258.18	29.77	--	--	--	--	--	--	--	--
09/13/89	287.95	257.00	30.95	--	--	310	ND	ND	ND	ND	--
10/04/89	287.95	256.47	31.48	--	--	--	--	--	--	--	--
11/03/89	287.95	256.63	31.32	--	--	--	--	--	--	--	--
12/04/89	287.95	256.25	31.70	--	--	ND	ND	ND	ND	ND	--
03/07/90	287.95	257.67	30.28	--	--	--	--	--	--	--	--
03/09/90	287.95	257.67	30.28	--	--	ND	ND	ND	ND	ND	--
06/12/90	287.95	257.47	30.48	--	--	90	ND	ND	ND	ND	--
09/24/90	287.95	256.17	31.78	--	--	ND	ND	ND	ND	ND	--
12/20/90	287.95	254.66	33.29	--	--	170	ND	ND	1.0	0.7	--
03/27/91	287.95	259.97	27.98	--	--	--	--	--	--	--	--
06/18/91	287.95	255.43	32.52	--	--	--	--	--	--	--	--
09/12/91	287.95	254.58	33.37	--	--	--	--	--	--	--	--
01/23/92	287.95	255.28	32.67	--	--	--	--	--	--	--	--
04/13/92	287.95	259.47	28.48	--	--	140	ND	ND	0.7	ND	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-5 (cont)												
08/03/92	287.95	255.45	32.50	--	--		ND	ND	ND	ND	ND	--
10/22/92	287.95	253.97	33.98	--	--		--	--	--	ND	ND	--
01/18/93	287.95	260.93	27.02	--	--		230	6.6	2.2	3.4	2.2	--
04/19/93	287.95	263.14	24.81	--	--		--	--	--	--	--	--
07/21-22/93	287.95	258.89	29.06	--	--		130	ND	0.6	ND	ND	--
10/25/93	287.95	257.00	30.95	--	--		--	--	--	--	--	--
01/21/94	287.95	256.04	31.91	--	--		ND	ND	ND	ND	ND	--
04/18/94	287.95	257.80	30.15	--	--		--	--	--	--	--	--
07/06-07/94	287.95	258.91	29.04	--	--		ND	ND	ND	ND	ND	--
10/07/94	287.95	256.11	31.84	--	--		--	--	--	--	--	--
01/11/95	287.95	262.97	24.98	--	--		700	1.1	6.0	1.5	2.1	--
04/24/95	287.95	266.17	21.78	--	--		SAMPLED SEMI-ANNUALLY			--	--	--
07/31/95	287.95	INACCESSIBL	--	--	--		--	--	--	--	--	--
10/02/95	287.95	257.77	30.18	--	--		--	--	--	--	--	--
01/16/96	287.95	261.23	26.72	--	--		200	<0.5	<0.5	<0.5	1.3	<2.5
04/18/96	287.95	266.15	21.80	--	--		--	--	--	--	--	--
07/22/96	287.95	INACCESSIBL	--	--	--		--	--	--	--	--	--
10/10/96	287.95	261.17	26.78	--	--		--	--	--	--	--	--
01/09/97	287.95	268.93	19.02	--	--		190	0.630	<0.5	<0.5	<0.5	<2.5
04/15/97	287.95	264.64	23.31	--	--		--	--	--	--	--	--
07/08/97	287.95	INACCESSIBL	--	--	--		--	--	--	--	--	--
10/22/97	287.95	INACCESSIBL	--	--	--		--	--	--	--	--	--
01/12/98	287.95	269.37	18.58	--	--		200	1.10	0.570	1.30	2.5	<2.5
04/21/98	287.95	272.75	15.20	--	--		--	--	--	--	--	--
07/08/98	287.95	264.76	23.19	--	--		52 ²	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	287.95	261.95	26.00	--	--		--	--	--	--	--	--
01/27/99	287.95	263.97	23.98	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	287.95	267.29	20.66	--	--		--	--	--	--	--	--
07/23/99	287.95	266.73	21.22	--	--		80.7	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	287.95	268.22	19.73	--	--		--	--	--	--	--	--
01/20/00	287.95	263.93	24.02	--	--		82.5	<0.5	<0.5	<0.5	<0.5	<5.0

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)	
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-5 (cont)												
04/28-29/00	287.95	267.84	20.11	0.00	--	SAMPLED SEMI-ANNUALLY						--
07/21/00	287.95	267.95	20.00	0.00	--	--	--	--	--	--	--	
07/26/00	287.95	267.86	20.09	0.00	--	66 ³	<0.50	<0.50	<0.50	<0.50	3.1	
10/09-10/00	287.95	266.19	21.76	0.00	--	--	--	--	--	--	--	
01/08-09/01	287.95	INACCESSIBLE	--	--	--	--	--	--	--	--	--	
04/30/01	287.95	267.79	20.16	0.00	--	--	--	--	--	--	--	
07/09-10/01	287.95	267.13	20.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
10/10/01	287.95	268.05	19.90	0.00	--	SAMPLED SEMI-ANNUALLY						--
01/07/02	287.95	270.55	17.40	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	287.95	267.68	20.27	0.00	--	--	--	--	--	--	--	
07/11/02	287.95	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
C-6												
03/26/85	--	--	16.74	--	--	--	--	--	--	--	--	
07/03/86	275.28	257.82	17.46	--	--	--	--	--	--	--	--	
03/26/87	275.28	256.91	18.37	--	--	--	--	--	--	--	--	
03/28/88	275.28	245.44	29.84	--	--	--	--	--	--	--	--	
03/10/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--	
04/03/89	275.28	260.84	14.44	--	--	--	--	--	--	--	--	
05/08/89	275.28	258.12	17.16	--	--	--	--	--	--	--	--	
06/05/89	275.28	256.77	18.51	--	--	--	--	--	--	--	--	
07/12/90	275.28	256.57	18.71	--	--	--	--	--	--	--	--	
08/10/90	275.28	255.96	19.32	--	--	--	--	--	--	--	--	
09/13/89	275.28	255.33	19.95	--	--	47	5,600	3,000	2,400	10,000	--	
10/04/89	275.28	255.41	19.87	--	--	--	--	--	--	--	--	
11/03/89	275.28	255.93	19.35	--	--	--	--	--	--	--	--	
12/04/89	275.28	255.69	19.59	--	--	40,000	8,100	1,800	1,700	7,500	--	
03/07/90	275.28	256.89	18.39	--	--	--	--	--	--	--	--	
03/09/90	275.28	256.89	18.39	--	--	73,000	23,000	5,900	3,400	17,000	--	
06/12/90	275.28	256.41	18.87	--	--	85,000	19,000	6,500	3,400	16,000	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-6 (cont)												
09/24/90	275.28	255.29	19.99	--	--		72,000	15,000	3,200	2,600	11,000	--
12/20/90	275.28	253.71	21.57	--	--		100,000	11,000	4,200	3,400	16,000	--
03/27/91	275.28	258.96	16.32	--	--		100,000	11,000	4,400	2,300	11,000	--
06/18/91	275.28	251.95	23.33	--	--		--	--	--	--	--	--
09/12/91	275.28	251.32	23.96	--	--		--	--	--	--	--	--
01/23/92	275.28	263.20	12.08	--	--		--	--	--	--	--	--
04/13/92	275.28	255.43	19.85	Sheen	--		--	--	--	--	--	--
08/03/92	275.28	260.56	14.72	--	--		120,000	16,000	1,100	2,300	15,000	--
10/22/92	275.28	260.37	14.91	--	--		63,000	7,400	920	1,800	14,000	--
01/18/93	275.28	259.84	15.44	--	--		77,000	13,000	1,600	2,700	12,000	--
04/19/93	275.28	266.03	9.25	--	--		56,000	14,000	1,100	2,400	9,100	--
07/21-22/93	275.28	257.93	17.35	--	--		38,000	6,600	610	1,500	5,800	--
10/25/93	275.28	254.25	21.03	--	--		42,000	11,000	800	2,200	8,200	--
01/21/94	275.28	253.71	21.57	--	--		57,000	11,000	940	2,300	9,800	--
04/18/94	275.28	257.17	18.11	--	--		48,000	9,800	830	1,900	7,500	--
07/06-07/94	275.28	258.28	17.00	--	--		46,000	6,800	610	900	6,200	--
10/07/94	275.28	256.09	19.19	--	--		35,000	5,900	410	1,400	3,800	--
01/11/95	275.28	256.64	18.64	--	--		54,000	1,200	1,100	2,100	9,500	--
04/24/95	275.28	262.72	12.56	--	--		81,000	12,000	1,500	2,400	9,900	--
07/31/95	275.28	259.54	15.74	--	--		75,000	12,000	1,200	2,800	11,000	--
10/02/95	275.28	257.56	17.72	--	--		59,000	13,000	990	2,800	10,000	--
01/16/96	275.28	259.81	15.47	--	--		63,000	10,000	650	2,200	7,500	<500
04/18/96	275.28	259.33	15.95	--	--		56,000	9,800	590	1,500	5,800	660
07/22/96	275.28	INACCESSIBI	--	--	--		--	--	--	--	--	--
10/10/96	275.28	INACCESSIBI	--	--	--		--	--	--	--	--	--
01/09/97	275.28	INACCESSIBI	--	--	--		--	--	--	--	--	--
04/15/97	275.28	INACCESSIBI	--	--	--		--	--	--	--	--	--
07/08/97	275.28	INACCESSIBI	--	--	--		--	--	--	--	--	--
07/15/97	275.28	260.95	14.33	--	--		64,000	12,000	400	1,500	4,400	<1000
10/22/97	275.28	261.80	13.48	--	--		49,000	15,000	570	1,900	5,600	1,500
01/12/98	275.28	265.14	10.14	--	--		60,000	16,000	540	1,800	5,400	<1000

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-6 (cont)											
04/21/98	275.28	267.73	7.55	--	--	51,000	16,000	310	1,400	3,400	<1000
07/08/98	275.28	262.80	12.48	--	--	19,000	8,200	150	720	1,100	<250
10/13/98	275.28	259.82	15.46	--	--	46,000	12,000	490	1600	3,600	<250
01/27/99	275.28	263.32	11.96	--	--	16,000	4,440	132	688	1,290	190
04/27/99	275.28	263.15	12.13	--	--	38,800	13,100	403	1,540	3,430	<1250
07/23/99	275.28	261.82	13.46	--	--	33,400	9,460	182	1,030	2,040	<1000
11/01/99	275.28	262.01	13.27	--	--	23,700	7,250	335	775	882	161
01/20/00	275.28	260.64	14.64	--	--	32,300	8,970	181	1,020	1,450	<1000
04/28-29/00	275.28	263.21	12.07	0.00	--	1,900 ³	3,100	40	51	130	120
07/21/00	275.28	262.88	12.40	0.00	--	5,000 ³	4,400	43	50	88	130
10/09-10/00	275.28	261.89	13.39	0.00	--	4,810 ⁵	2,570	<25.0	<25.0	<25.0	<125
01/08-09/01	275.28	261.51	13.77	0.00	--	110 ⁵	16.8	0.827	<0.500	1.88	<2.50
04/30/01	275.28	265.16	10.12	0.00	--	19,400 ³	5,290	74.0	171	648	<500
07/09-10/01	275.28	261.77	13.51	0.00	--	7,000 ³	5,300	65	200	360	680
10/10/01	275.28	261.54	13.74	0.00	--	18,000	5,600	51	140	340	<50
01/07/02	275.28	264.67	10.61	0.00	--	34,000	12,000	270	960	1,700	160
04/11/02	275.28	263.58	11.70	0.00	--	31,000	11,000	230	790	2,000	<50
07/11/02	275.28	263.26	12.02	0.00	--	41,000	14,000	230	820	1,800	<100
C-7											
03/26/85	--	--	9.61	--	--	--	--	--	--	--	--
07/03/86	270.70	259.96	10.74	--	--	--	--	--	--	--	--
03/26/87	270.70	260.62	10.08	--	--	--	--	--	--	--	--
03/28/88	270.70	256.91	13.79	--	--	--	--	--	--	--	--
03/10/89	270.70	260.28	10.42	--	--	--	--	--	--	--	--
04/03/89	270.70	261.56	9.14	--	--	--	--	--	--	--	--
05/08/89	270.70	258.79	11.91	--	--	--	--	--	--	--	--
06/05/89	270.70	259.16	11.54	--	--	--	--	--	--	--	--
07/12/90	270.70	257.25	13.45	--	--	--	--	--	--	--	--
08/10/90	270.70	257.33	13.37	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-7 (cont)											
09/13/89	270.70	256.10	14.60	--	--	410	1.3	ND	10	ND	--
10/04/89	270.70	255.53	15.17	--	--	--	--	--	--	--	--
11/03/89	270.70	255.42	15.28	--	--	--	--	--	--	--	--
12/04/89	270.70	255.00	15.70	--	--	1,000	1.0	ND	5.0	ND	--
03/07/90	270.70	256.48	14.22	--	--	--	--	--	--	--	--
03/09/90	270.70	256.48	14.22	--	--	590	2.8	2.4	3.5	2.0	--
06/12/90	270.70	256.52	14.18	--	--	1,200	ND	5.0	8.2	3.2	--
09/24/90	270.70	255.26	15.44	Sheen	--	400	1.4	1.9	1.4	2.2	--
09/24/90 (D)	270.70	255.26	15.44	--	--	580	ND	2.4	1.4	1.5	--
12/20/90	270.70	253.62	17.08	--	--	2,300	ND	6.5	4.7	9.3	--
03/27/91	270.70	258.05	12.65	--	--	980	ND	2.4	9.1	3.0	--
06/18/91	270.70	254.26	16.44	--	--	--	--	--	--	--	--
09/12/91	270.70	253.65	17.05	--	--	1,200	ND	3.1	6.5	2.7	--
01/23/92	270.70	253.78	16.92	--	--	--	--	--	--	--	--
04/13/92	270.70	257.70	13.00	--	--	830	ND	1.0	7.8	1.2	--
08/03/92	270.70	--	--	--	--	--	--	--	--	--	--
10/22/92	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
01/18/93	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
04/19/93	270.70	UNABLE TO LOCATE	--	--	--	--	--	--	--	--	--
07/21-22/93	270.70	257.76	12.94	--	--	890	0.9	3.0	4.0	4.0	--
10/25/93	270.70	255.87	14.83	--	--	--	--	--	--	--	--
01/21/94	270.70	254.76	15.94	--	--	660	ND	6.0	1.0	3.0	--
04/18/94	270.70	255.72	14.98	--	--	--	--	--	--	--	--
07/06-07/94	270.70	257.76	12.94	--	--	960	ND	5.8	4.2	8.2	--
10/07/94	270.70	254.87	15.83	--	--	--	--	--	--	--	--
01/11/95	270.70	261.45	9.25	--	--	900	<0.5	<0.5	2.3	1.3	--
04/24/95	270.70	264.00	6.70	--	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
07/31/95	270.70	259.46	11.24	--	--	690	<1.2	<1.2	<1.2	<1.2	--
10/02/95	270.70	256.68	14.02	--	--	--	--	--	--	--	--
01/16/96	270.70	259.48	11.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	270.70	264.05	6.65	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-7 (cont)												
07/22/96	270.70	259.60	11.10	--	--	360	4.4	2.0	<0.5	<0.5	17	
10/10/96	270.70	259.35	11.35	--	--	--	--	--	--	--	--	
01/09/97	270.70	266.82	3.88	--	--	69	<0.5	<0.5	<0.5	<0.5	<2.5	
04/15/97	270.70	262.82	7.88	--	--	--	--	--	--	--	--	
07/08/97	270.70	261.70	9.00	--	--	710	8.0	1.20	<0.5	<0.5	22	
10/22/97	270.70	262.09	8.61	--	--	--	--	--	--	--	--	
01/12/98	270.70	267.03	3.67	--	--	400	7.20	<1.0	1.60	1.30	16	
04/21/98	270.70	270.19	0.51	--	--	--	--	--	--	--	--	
07/08/98	270.70	263.72	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/13/98	270.70	261.58	9.12	--	--	--	--	--	--	--	--	
01/27/99	270.70	262.15	8.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/27/99	270.70	265.75	4.95	--	--	--	--	--	--	--	--	
07/23/99	270.70	265.60	5.10	--	--	500	7.84	0.983	1.71	0.658	<5.0	
11/01/99	270.70	263.41	7.29	--	--	--	--	--	--	--	--	
01/20/00	270.70	262.94	7.76	--	--	503	6.82	0.56	<0.5	1.35	<5.0	
04/28-29/00	270.70	266.33	4.37	0.00	--	SAMPLED SEMI-ANNUALLY						
07/21/00	270.70	266.51	4.19	0.00	--	--	--	--	--	--	--	
07/26/00	270.70	266.41	4.29	0.00	--	110 ⁴	1.8	1.1	<0.50	<0.50	<2.5	
10/09-10/00	270.70	265.47	5.23	0.00	--	--	--	--	--	--	--	
01/08-09/01	270.70	264.00	6.70	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
04/30/01	270.70	266.39	4.31	0.00	--	--	--	--	--	--	--	
07/09-10/01	270.70	265.87	4.83	0.00	--	150 ³	1.9	0.83	<0.50	0.95	4.8	
10/10/01	270.70	266.43	4.27	0.00	--	SAMPLED SEMI-ANNUALLY						
01/07/02	270.70	268.78	1.92	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	270.70	266.41	4.29	0.00	--	--	--	--	--	--	--	
07/11/02	270.70	265.90	4.80	0.00	--	310	<1.0	0.56	<0.50	1.9	<2.5	

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-8											
03/26/85	--	--	8.68	--	--	--	--	--	--	--	--
07/03/86	288.40	274.51	13.89	--	--	--	--	--	--	--	--
03/26/87	288.40	282.39	6.01	--	--	--	--	--	--	--	--
03/28/88	288.40	277.74	10.66	--	--	--	--	--	--	--	--
03/10/89	288.40	281.79	6.61	--	--	--	--	--	--	--	--
04/03/89	288.40	281.94	6.46	--	--	--	--	--	--	--	--
05/08/89	288.40	279.43	8.97	--	--	--	--	--	--	--	--
06/05/89	288.40	277.52	10.88	--	--	--	--	--	--	--	--
07/12/90	288.40	276.25	12.15	--	--	--	--	--	--	--	--
08/10/90	288.40	275.94	12.46	--	--	--	--	--	--	--	--
09/13/89	288.40	275.62	12.78	--	--	ND	ND	ND	ND	ND	--
10/04/89	288.40	275.89	12.51	--	--	--	--	--	--	--	--
11/03/89	288.40	273.77	14.63	--	--	--	--	--	--	--	--
12/04/89	288.40	278.81	9.59	--	--	64	0.6	0.6	ND	1.0	--
03/07/90	288.40	279.60	8.80	--	--	--	--	--	--	--	--
03/09/90	288.40	279.60	8.80	--	--	ND	ND	ND	ND	ND	--
06/12/90	288.40	279.46	8.94	--	--	120	2.5	1.2	1.0	1.4	--
09/24/90	288.40	274.86	13.54	--	--	--	--	--	--	--	--
12/20/90	288.40	279.07	9.33	--	--	--	--	--	--	--	--
03/27/91	288.40	282.30	6.10	--	--	54	0.7	ND	0.7	1.9	--
06/18/91	288.40	276.44	11.96	--	--	--	--	--	--	--	--
09/12/91	288.40	274.80	13.60	--	--	ND	ND	ND	ND	ND	--
09/12/91 (D)	288.40	274.80	13.60	--	--	ND	ND	ND	ND	ND	--
01/23/92	288.40	264.20	24.20	--	--	--	--	--	--	--	--
04/13/92	288.40	280.05	8.35	--	--	ND	ND	ND	ND	ND	--
08/03/92	288.40	275.82	12.58	--	--	ND	ND	ND	ND	ND	--
10/22/92	288.40	275.30	13.10	--	--	ND	ND	ND	ND	ND	--
01/18/93	288.40	282.28	6.12	--	--	ND	ND	ND	ND	ND	--
04/19/93	288.40	281.35	7.05	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	288.40	277.05	11.35	--	--	ND	ND	ND	ND	ND	--
10/25/93	288.40	275.55	12.85	--	--	ND	ND	ND	ND	ND	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-8 (cont)											
01/21/94	288.40	277.85	10.55	--	--	ND	ND	ND	ND	ND	--
04/18/94	288.40	278.89	9.51	--	--	ND	1.2	0.9	ND	1.6	--
07/06-07/94	288.40	277.02	11.38	--	--	ND	ND	ND	ND	ND	--
10/07/94	288.40	275.48	12.92	--	--	ND	ND	ND	ND	ND	--
01/11/95	288.40	283.04	5.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	288.40	281.82	6.58	--	--	<50	<0.5	0.61	<0.5	0.51	--
07/31/95	288.40	278.94	9.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	288.40	276.56	11.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	288.40	281.40	7.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.4
04/18/96	288.40	281.77	6.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	288.40	280.49	7.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	288.40	279.71	8.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	288.40	283.11	5.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	288.40	281.90	6.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	288.40	281.90	6.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	288.40	283.00	5.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	288.40	284.27	4.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	288.40	283.84	4.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	288.40	277.81	10.59	--	--	<50	<0.5	0.57	<0.5	<0.5	<2.5
10/13/98	288.40	276.32	12.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	288.40	276.89	11.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	288.40	282.40	6.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	288.40	282.13	6.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	288.40	282.30	6.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	288.40	281.92	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	288.40	282.82	5.58	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	288.40	282.45	5.95	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	288.40	281.82	6.58	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	288.40	INACCESSIBL	--	--	--	--	--	--	--	--	--
04/30/01	288.40	282.44	5.96	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	288.40	282.81	5.59	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	D (ppb)	T (ppb)	E (ppb)	X (ppb)	MTEB (ppb)
					Removed (gallons)							
C-8 (cont)												
10/10/01	288.40	282.88	5.52	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	288.40	282.90	5.50	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	288.40	282.53	5.87	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	288.40	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	--
C-9												
07/03/86	268.46	254.57	13.89	--	--	--	--	--	--	--	--	--
03/26/87	268.46	254.72	13.74	--	--	--	--	--	--	--	--	--
03/28/88	268.46	253.47	14.99	--	--	--	--	--	--	--	--	--
03/10/89	268.46	255.07	13.39	--	--	--	--	--	--	--	--	--
04/03/89	268.46	255.62	12.84	--	--	--	--	--	--	--	--	--
05/08/89	268.46	254.08	14.38	--	--	--	--	--	--	--	--	--
06/05/89	268.46	253.10	15.36	--	--	--	--	--	--	--	--	--
07/12/90	268.46	252.81	15.65	--	--	--	--	--	--	--	--	--
08/10/90	268.46	252.66	15.80	--	--	--	--	--	--	--	--	--
09/13/89	268.46	251.93	16.53	--	--	--	42,000	14,000	1,100	2,800	4,200	--
10/04/89	268.46	251.94	16.52	--	--	--	--	--	--	--	--	--
11/03/89	268.46	251.95	16.51	--	--	--	--	--	--	--	--	--
12/04/89	268.46	251.67	16.79	--	--	--	36,000	11,000	670	2,500	3,800	--
03/07/90	268.46	252.24	16.22	--	--	--	--	--	--	--	--	--
03/09/90	268.46	252.24	16.22	--	--	--	28,000	12,000	940	3,000	4,700	--
06/12/90	268.46	253.58	14.88	--	--	--	39,000	11,000	1,600	2,300	4,800	--
09/24/90	268.46	252.16	16.30	--	--	--	120,000	13,000	1,600	3,700	6,800	--
12/20/90	268.46	251.23	17.23	--	--	--	51,000	9,300	560	2,800	3,300	--
12/20/90 (D)	268.46	251.23	17.23	--	--	--	44,000	12,000	580	2,800	3,500	--
03/27/91	268.46	254.68	13.78	--	--	--	56,000	3,400	5,000	1,600	5,600	--
06/18/91	268.46	249.82	18.64	--	--	--	--	--	--	--	--	--
09/12/91	268.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/24/95	268.46	250.39	18.07	--	--	--	30,000	7,200	440	2,500	1,600	--
01/16/96	268.46	252.18	16.28	--	--	--	36,000	8,200	700	2,500	2,100	<500

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-9 (cont)											
01/16/96	268.46	252.18	16.28	--	--	36,000	8,200	700	2,500	2,100	<500
07/08/98	268.46	256.46	12.00	--	--	20,000	4,900	880	1,100	2,500	<250
10/13/98	268.46	254.19	14.27	--	--	28,000	7,100	1,100	1,300	2,700	<125
01/27/99	268.46	256.92	11.54	--	--	12,100	3,490	249	654	1,260	131
04/27/99	268.46	257.46	11.00	--	--	42,400	12,500	732	3,060	2,760	1000
07/23/99	268.46	257.16	11.30	--	--	28,800	7,420	418	1,900	1,720	<1000
11/01/99	268.46	257.02	11.44	--	--	10,100	2,050	227	628	830	933
01/20/00	268.46	255.38	13.08	--	--	33,100	7,990	239	1,990	1,030	<1000
04/28-29/00	268.46	257.61	10.85	0.00	--	7,400 ³	1,100	<50	440	280	<250
07/21/00	268.46	256.93	11.53	0.00	--	3,900 ³	770	33	270	200	210
10/09-10/00	268.46	254.76	13.70	0.00	--	4,190 ⁵	732	32.3	340	200	<50.0
01/08-09/01	268.46	254.68	13.78	0.00	--	7,430 ⁵	1,740	<50.0	554	317	297
04/30/01 ⁹	268.46	255.07	13.39	0.00	--	5,040 ³	509	12.2	248	119	<100
07/09-10/01 ⁹	268.46	255.46	13.00	0.00	--	2,800 ³	430	<25	200	91	200
10/10/01 ⁹	268.46	255.96	12.50	0.00	--	5,900	920	33	300	240	<20
01/07/02	268.46	258.75	9.71	0.00	--	2,800	120	6.3	33	82	62
04/11/02 ⁹	268.46	258.11	10.35	0.00	--	6,700	1,200	24	360	140	<50
07/11/02 ⁹	268.46	INACCESSIBLE - PUMP STUCK IN WELL			--	--	--	--	--	--	--
C-10A											
03/07/90	264.84	244.63	20.21	--	--	--	--	--	--	--	--
03/09/90	264.84	--	--	--	--	ND	1.6	0.7	0.8	3.5	--
06/12/90	264.84	245.14	19.70	--	--	ND	ND	ND	ND	ND	--
09/24/90	264.84	245.30	19.54	--	--	ND	ND	ND	ND	ND	--
12/20/90	264.84	245.00	19.84	--	--	ND	ND	ND	ND	ND	--
03/27/91	264.84	246.83	18.01	--	--	--	--	--	--	--	--
06/18/91	264.84	244.68	20.16	--	--	ND	ND	ND	ND	ND	--
09/12/91	264.84	244.27	20.57	--	--	ND	ND	ND	ND	ND	--
01/23/92	264.84	244.17	20.67	--	--	ND	ND	ND	ND	ND	--
04/13/92	264.84	245.44	19.40	--	--	53	0.9	1.3	ND	1.0	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>mst</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	SPHT		B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)
					Removed (<i>gallons</i>)	TPH-G (<i>ppb</i>)					
C-10A (cont)											
08/03/92	264.84	245.03	19.81	--	--	ND	ND	ND	ND	ND	--
10/22/92	264.84	245.01	19.83	--	--	ND	ND	ND	ND	0.5	--
01/18/93	264.84	247.80	17.04	--	--	ND	ND	ND	ND	ND	--
04/19/93	264.84	247.07	17.77	--	--	ND	ND	ND	ND	ND	--
04/19/93	264.84	247.28	17.56	--	--	ND	ND	ND	ND	ND	--
10/25/93	264.84	247.07	17.77	--	--	ND	ND	ND	ND	ND	--
01/21/94	264.84	246.93	17.91	--	--	ND	ND	ND	ND	ND	--
04/18/94	264.84	247.81	17.03	--	--	ND	3.0	3.0	1.4	5.5	--
07/06-07/94	264.84	248.06	16.78	--	--	ND	ND	ND	ND	ND	--
10/07/94	264.84	247.63	17.21	--	--	ND	ND	ND	ND	ND	--
01/11/95	264.84	248.78	16.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	264.84	248.32	16.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	264.84	245.82	19.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	264.84	245.14	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	264.84	246.21	18.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	264.84	247.19	17.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	264.84	245.99	18.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	264.84	245.40	19.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	264.84	248.00	16.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	264.84	246.47	18.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	264.84	246.33	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	264.84	246.64	18.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	264.84	248.00	16.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	264.84	248.04	16.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	264.84	246.89	17.95	--	--	<50	<0.5	0.57	<0.5	<0.5	<2.5
10/13/98	264.84	246.16	18.68	--	--	<50	1.3	<0.5	0.67	1.5	<2.5
01/27/99	264.84	246.96	17.88	--	--	79.2	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	264.84	247.53	17.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	264.84	246.27	18.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	264.84	246.75	18.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	264.84	246.85	17.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		D (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-10A (cont)											
04/28-29/00	264.84	247.53	17.31	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	264.84	247.26	17.58	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	264.84	246.80	18.04	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	264.84	246.94	17.90	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	264.84	247.53	17.31	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
07/09-10/01	264.84	247.02	17.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
DESTROYED											
C-10B											
03/07/90	264.85	243.41	21.44	--	--	--	--	--	--	--	--
06/12/90	264.85	244.91	19.94	--	--	ND	ND	ND	ND	ND	--
09/24/90	264.85	245.08	19.77	--	--	ND	ND	ND	ND	ND	--
12/20/90	264.85	244.85	20.00	--	--	ND	ND	ND	ND	ND	--
03/27/91	264.85	246.62	18.23	--	--	--	--	--	--	--	--
06/18/91	264.85	244.41	20.44	--	--	--	--	--	--	--	--
09/12/91	264.85	244.03	20.82	--	--	ND	ND	ND	ND	ND	--
01/23/92	264.85	243.93	20.92	--	--	ND	ND	ND	ND	ND	--
04/13/92	264.85	245.17	19.68	--	--	ND	ND	ND	ND	ND	--
08/03/92	264.85	244.78	20.07	--	--	ND	ND	ND	ND	ND	--
10/22/92	264.85	244.73	20.12	--	--	ND	ND	ND	ND	ND	--
01/18/93	264.85	247.49	17.36	--	--	60	3.3	11	2.1	8.9	--
04/19/93	264.85	246.95	17.90	--	--	ND	ND	ND	ND	ND	--
07/21-22/93	264.85	246.99	17.86	--	--	ND	ND	ND	ND	ND	--
10/25/93	264.85	246.75	18.10	--	--	ND	ND	ND	ND	ND	--
01/21/94	264.85	246.62	18.23	--	--	ND	ND	ND	ND	ND	--
04/18/94	264.85	247.49	17.36	--	--	ND	ND	ND	ND	0.5	--
07/06-07/94	264.85	247.80	17.05	--	--	ND	ND	ND	ND	ND	--
10/07/94	264.85	247.31	17.54	--	--	ND	ND	ND	ND	ND	--
01/11/95	264.85	248.61	16.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	264.85	247.95	16.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-10B (cont)											
07/31/95	264.85	245.57	19.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	264.85	244.91	19.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	264.85	246.25	18.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	264.85	246.87	17.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	264.85	245.75	19.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	264.85	245.14	19.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	264.85	247.65	17.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	264.85	246.11	18.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	264.85	246.10	18.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	264.85	246.35	18.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	264.85	247.71	17.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	264.85	247.69	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	264.85	246.61	18.24	--	--	<50	<0.5	0.62	<0.5	<0.5	<2.5
10/13/98	264.85	245.93	18.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	264.85	246.74	18.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	264.85	247.26	17.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	264.85	246.70	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	264.85	247.16	17.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	264.85	246.62	18.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	264.85	247.34	17.51	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	264.85	247.03	17.82	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	264.85	246.62	18.23	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	264.85	246.72	18.13	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	264.85	247.31	17.54	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	264.85	246.80	18.05	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
DESTROYED											

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	BTW (ft.)	SPHT (ft.)	SPHT							
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-11												
03/07/90	265.30	242.56	22.74	--	--	--	--	--	--	--	--	--
03/09/90	265.30	--	--	--	--	ND	1.2	0.7	ND	1.4	--	--
06/12/90	265.30	243.32	21.98	--	--	ND	ND	ND	ND	ND	--	--
09/24/90	265.30	243.42	21.88	--	--	ND	ND	ND	ND	ND	--	--
12/20/90	265.30	242.12	23.18	--	--	ND	ND	ND	ND	ND	--	--
03/27/91	265.30	243.78	21.52	--	--	ND	ND	ND	ND	1.5	--	--
06/18/91	265.30	243.40	21.90	--	--	--	--	--	--	--	--	--
09/12/91	265.30	242.60	22.70	--	--	ND	ND	ND	ND	ND	--	--
01/23/92	265.30	241.84	23.46	--	--	ND	ND	ND	ND	ND	--	--
04/13/92	265.30	243.73	21.57	--	--	ND	ND	ND	ND	ND	--	--
08/03/92	265.30	242.63	22.67	--	--	ND	ND	ND	ND	ND	--	--
10/22/92	265.30	242.01	23.29	--	--	ND	ND	ND	ND	ND	--	--
01/18/93	265.30	243.94	21.36	--	--	ND	ND	1.2	ND	2.2	--	--
04/19/93	265.30	245.33	19.97	--	--	ND	ND	ND	ND	ND	--	--
07/21-22/93	265.30	244.65	20.65	--	--	ND	ND	ND	ND	ND	--	--
10/25/93	265.30	244.55	20.75	--	--	ND	ND	ND	ND	ND	--	--
01/21/94	265.30	243.69	21.61	--	--	ND	ND	ND	ND	ND	--	--
04/18/94	265.30	244.52	20.78	--	--	ND	ND	ND	ND	ND	--	--
07/06-07/94	265.30	244.88	20.42	--	--	ND	ND	ND	ND	ND	--	--
10/07/94	265.30	243.70	21.60	--	--	ND	ND	ND	ND	ND	--	--
01/11/95	265.30	245.28	20.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/24/95	265.30	247.58	17.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/31/95	265.30	246.12	19.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/02/95	265.30	244.88	20.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/16/96	265.30	245.48	19.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5
04/18/96	265.30	248.30	17.00	--	--	260	7.9	6.9	5.3	23	11	11
07/22/96	265.30	248.40	16.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5
10/10/96	265.30	245.74	19.56	--	--	130	32	2.70	4.30	14	3.40	3.40
01/09/97	265.30	249.28	16.02	--	--	75	5.30	6.40	2.0	9.0	<2.5	<2.5
04/15/97	265.30	247.35	17.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5
07/08/97	265.30	245.55	19.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-11 (cont)											
10/22/97	265.30	245.74	19.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	265.30	246.97	18.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	265.30	248.62	16.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	265.30	246.76	18.54	--	--	<50	<0.5	0.58	<0.5	<0.5	<2.5
10/13/98	265.30	245.02	20.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	265.30	245.85	19.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	265.30	246.90	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	265.30	246.05	19.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	265.30	247.47	17.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	265.30	245.06	20.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	265.30	246.35	18.95	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	265.30	246.07	19.23	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	265.30	245.57	19.73	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	265.30	244.99	20.31	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	265.30	246.01	19.29	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	265.30	245.51	19.79	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	265.30	245.23	20.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	265.30	246.85	18.45	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	265.30	246.05	19.25	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	265.30	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
C-12											
03/07/90	269.66	254.74	14.92	--	--	--	--	--	--	--	--
03/09/90	269.66	--	--	--	--	1,400	230	140	33	180	--
06/12/90	269.66	254.87	14.79	--	--	720	190	71	18	73	--
09/24/90	269.66	253.94	15.72	--	--	ND	1.1	ND	ND	0.6	--
12/20/90	269.66	254.40	15.26	--	--	810	210	26	8.2	23	--
03/27/91	269.66	257.55	12.11	--	--	2,900	350	220	52	210	--
06/18/91	269.66	253.28	16.38	--	--	--	--	--	--	--	--
09/12/91	269.66	252.11	17.55	--	--	350	59	12	4.5	8.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
C-12 (cont)											
01/23/92	269.66	252.55	17.11	--	--	450	110	31	7.9	22	--
04/13/92	269.66	255.26	14.40	--	--	5,000	1,100	76	100	200	--
08/03/92	269.66	253.83	15.83	--	--	520	200	21	13	25	--
10/22/92	269.66	253.52	16.14	--	--	1,300	310	66	35	56	--
01/18/93	269.66	257.96	11.70	--	--	5,600	1,200	430	220	610	--
04/19/93	269.66	256.61	13.05	--	--	2,000	600	99	96	170	--
07/21-22/93	269.66	256.82	12.84	--	--	540	95	36	18	56	--
10/25/93	269.66	255.63	14.03	--	--	350	90	29	20	50	--
01/21/94	269.66	255.51	14.15	--	--	450	73	18	14	37	--
04/18/94	269.66	256.71	12.95	--	--	370	70	21	12	39	--
07/06-07/94	269.66	257.35	12.31	--	--	840	200	35	28	66	--
10/07/94	269.66	256.31	13.35	--	--	830	85	29	17	63	--
01/11/95	269.66	258.43	11.23	--	--	2,100	570	190	98	390	--
04/24/95	269.66	259.34	10.32	--	--	820	120	28	23	61	--
07/31/95	269.66	256.92	12.74	--	--	520	79	13	16	42	--
10/02/95	269.66	255.26	14.40	--	--	400	50	5.3	11	29	--
01/16/96	269.66	256.94	12.72	--	--	1,900	490	32	60	120	<25
04/18/96	269.66	258.91	10.75	--	--	2,900	640	54	100	190	68
07/22/96	269.66	256.46	13.20	--	--	730	150	13	26	75	10
10/10/96	269.66	255.95	13.71	--	--	270	58	4.40	7.70	31	<2.5
01/09/97	269.66	260.60	9.06	--	--	2,900	550	67	94	300	63
04/15/97	269.66	258.13	11.53	--	--	2,500	350	29	92	200	43
07/08/97	269.66	257.92	11.74	--	--	1,400	190	17	54	120	21
10/22/97	269.66	258.78	10.88	--	--	2,300	490	45	110	340	42
01/12/98	269.66	260.76	8.90	--	--	5,000	840	89	220	610	<50
04/21/98	269.66	262.41	7.25	--	--	2,400	410	39	79	270	130
07/08/98	269.66	258.95	10.71	--	--	<50	7.6	<0.5	2.0	2.9	<2.5
10/13/98	269.66	257.01	12.65	--	--	2,600	460	34	120	240	11
01/27/99	269.66	257.41	12.25	--	--	96.9	6.88	<0.5	<0.5	<0.5	<2.0
04/27/99	269.66	259.46	10.20	--	--	2,720	614	32	128	300	<50
07/23/99	269.66	258.27	11.39	--	--	1,230	220	10	45	93.6	<20

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MRE (ppb)
					Removed (gallons)							
C-12 (cont)												
11/01/99	269.66	257.13	12.53	--	--		70.7	10.7	1.02	<0.5	1.61	5.55
01/20/00	269.66	257.85	11.81	--	--		1,390	301	10.7	29.9	90.8	<50
04/28-29/00	269.66	259.37	10.29	0.00	--		310 ³	57	<0.50	11	6.8	15
07/21/00	269.66	258.67	10.99	0.00	--		260 ³	74	1.5	<0.50	12	5.55
10/09-10/00	269.66	257.63	12.03	0.00	--		3,510 ⁵	903	24.0	53.9	200	<100
01/08-09/01	269.66	257.70	11.96	0.00	--		1,600 ⁷	319	<5.00	60.7	55.1	84.8
04/30/01	269.66	259.08	10.58	0.00	--		985 ³	114	<2.50	26.4	14.6	<25.0
07/09-10/01	269.66	258.04	11.62	0.00	--		<50	6.5	<0.50	<0.50	<0.50	<2.5
10/10/01	269.66	257.60	12.06	0.00	--		8,700	720	15	430	250	<50
01/07/02	269.66	261.28	8.38	0.00	--		2,200	460	8.5	60	73	31
04/11/02	269.66	260.71	8.95	0.00	--		6,200	610	8.4	420	230	<25
07/11/02	269.66	259.95	9.71	0.00	--		<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-13												
03/07/90	284.32	273.14	11.18	--	--		--	--	--	--	--	--
03/09/90	284.32	--	--	--	--		ND	15	3.7	1.0	6.2	--
06/12/90	284.32	273.62	10.70	--	--		ND	2.6	ND	ND	ND	--
09/24/90	284.32	272.72	11.60	--	--		ND	2.4	ND	ND	ND	--
12/20/90	284.32	274.16	10.16	--	--		ND	1.6	ND	ND	ND	--
03/27/91	284.32	276.68	7.64	--	--		--	--	--	--	--	--
06/18/91	284.32	273.00	11.32	--	--		--	--	--	--	--	--
09/12/91	284.32	272.48	11.84	--	--		ND	ND	ND	ND	ND	--
01/23/92	284.32	273.77	10.55	--	--		--	--	--	--	--	--
04/13/92	284.32	273.36	10.96	--	--		ND	1.0	ND	ND	ND	--
08/03/92	284.32	273.42	10.90	--	--		ND	ND	ND	ND	ND	--
10/22/92	284.32	273.14	11.18	--	--		--	--	--	--	--	--
01/18/93	284.32	276.92	7.40	--	--		290	54	10	5.4	12	--
04/19/93	284.32	275.39	8.93	--	--		--	--	--	--	--	--
07/21-22/93	284.32	273.57	10.75	--	--		ND	ND	ND	ND	ND	--
10/25/93	284.32	273.47	10.85	--	--		--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-13 (cont)												
01/21/94	284.32	273.27	11.05	--	--		ND	ND	ND	ND	ND	--
04/18/94	284.32	273.61	10.71	--	--		--	--	--	--	--	--
07/06-07/94	284.32	273.67	10.65	--	--		ND	0.5	ND	ND	ND	--
10/07/94	284.32	273.24	11.08	--	--		--	--	--	--	--	--
01/11/95	284.32	278.94	5.38	--	--		120	15	<0.5	3.1	2.7	--
04/24/95	284.32	276.54	7.78	--	--		SAMPLED SEMI-ANNUALL'		--	--	--	--
07/31/95	284.32	274.38	9.94	--	--		<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	284.32	273.74	10.58	--	--		--	--	--	--	--	--
01/16/96	284.32	274.52	9.80	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	284.32	276.57	7.75	--	--		--	--	--	--	--	--
07/22/96	284.32	274.82	9.50	--	--		59	18	<0.5	1.0	<0.5	<2.5
10/10/96	284.32	273.63	10.69	--	--		--	--	--	--	--	--
01/09/97	284.32	276.95	7.37	--	--		<50	0.60	<0.5	<0.5	<0.5	<2.5
04/15/97	284.32	275.63	8.69	--	--		--	--	--	--	--	--
07/08/97	284.32	276.12	8.20	--	--		SAMPLES LO:		--	--	--	--
07/15/97	284.32	276.02	8.30	--	--		<50	2.6	<0.5	<0.5	1.6	<2.5
10/22/97	284.32	276.79	7.53	--	--		--	--	--	--	--	--
01/12/98	284.32	278.38	5.94	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	284.32	277.35	6.97	--	--		--	--	--	--	--	--
07/08/98	284.32	274.45	9.87	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	284.32	273.51	10.81	--	--		--	--	--	--	--	--
01/27/99	284.32	273.06	11.26	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	284.32	275.42	8.90	--	--		--	--	--	--	--	--
07/23/99	284.32	275.00	9.32	--	--		158	14.9	<0.5	0.69	0.928	<5.0
11/01/99	284.32	272.83	11.49	--	--		--	--	--	--	--	--
01/20/00	284.32	274.23	10.09	--	--		<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	284.32	275.43	8.89	0.00	--		SAMPLED SEMI-ANNUALL'		--	--	--	--
07/21/00	284.32	274.87	9.45	0.00	--		--	--	--	--	--	--
07/26/00	284.32	INACCESSIBL	--	--	--		--	--	--	--	--	--
10/09-10/00	284.32	274.07	10.25	0.00	--		--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-13 (cont)												
01/08-09/01	284.32	INACCESSIBI	--	--	--	--	--	--	--	--	--	
04/30/01	284.32	275.17	9.15	0.00	--	<50.0	0.925	<0.500	<0.500	<0.500	<5.00	
07/09-10/01	284.32	274.72	9.60	0.00	--	<50	0.66	<0.50	<0.50	<0.50	<2.5	
10/10/01	284.32	274.52	9.80	0.00	--	SAMPLED SEMI-ANNUALLY		--	--	--	--	
01/07/02	284.32	276.47	7.85	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	284.32	276.11	8.21	0.00	--	--	--	--	--	--	--	
07/11/02	284.32	275.54	8.78	0.00	--	<50	1.9	<0.50	<0.50	<1.5	<2.5	
C-14												
03/07/90	270.74	255.56	15.18	--	--	--	--	--	--	--	--	
03/09/90	270.74	--	--	--	--	ND	ND	ND	ND	ND	--	
06/12/90	270.74	257.32	13.42	--	--	ND	ND	ND	ND	ND	--	
09/24/90	270.74	257.90	12.84	--	--	ND	ND	ND	ND	ND	--	
12/20/90	270.74	254.02	16.72	--	--	ND	1.7	0.7	ND	0.7	--	
03/27/91	270.74	262.74	8.00	--	--	ND	ND	ND	ND	1.3	--	
06/18/91	270.74	255.53	15.21	--	--	--	--	--	--	--	--	
09/12/91	270.74	255.13	15.61	--	--	ND	ND	ND	ND	ND	--	
01/23/92	270.74	246.10	24.64	--	--	--	--	--	--	--	--	
04/13/92	270.74	258.53	12.21	--	--	ND	ND	ND	ND	ND	--	
08/03/92	270.74	256.10	14.64	--	--	ND	ND	ND	ND	ND	--	
10/22/92	270.74	253.80	16.94	--	--	--	--	--	--	--	--	
01/18/93	270.74	265.64	5.10	--	--	ND	ND	ND	ND	ND	--	
04/19/93	270.74	263.86	6.88	--	--	--	--	--	--	--	--	
07/21-22/93	270.74	259.58	11.16	--	--	ND	ND	ND	ND	ND	--	
10/25/93	270.74	256.87	13.87	--	--	--	--	--	--	--	--	
01/21/94	270.74	255.42	15.32	--	--	ND	ND	ND	ND	ND	--	
04/18/94	270.74	254.85	15.89	--	--	--	--	--	--	--	--	
07/06-07/94	270.74	258.66	12.08	--	--	ND	ND	ND	ND	ND	--	
10/07/94	270.74	255.45	15.29	--	--	--	--	--	--	--	--	
01/11/95	270.74	266.94	3.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DIW (ft.)	SPHT (ft.)	SPHT							MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-14 (cont)												
04/24/95	270.74	265.68	5.06	--	--	SAMPLED SEMI-ANNUALL			--	--	--	--
07/31/95	270.74	260.34	10.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/02/95	270.74	257.20	13.54	--	--	--	--	--	--	--	--	--
01/16/96	270.74	259.62	11.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	270.74	265.78	4.96	--	--	--	--	--	--	--	--	--
07/22/96	270.74	259.89	10.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	270.74	261.44	9.30	--	--	--	--	--	--	--	--	--
01/09/97	270.74	269.80	0.94	--	--	56	3.80	4.20	1.10	5.0		<2.5
04/15/97	270.74	263.59	7.15	--	--	--	--	--	--	--	--	--
07/08/97	270.74	261.44	9.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	270.74	261.17	9.57	--	--	--	--	--	--	--	--	--
01/12/98	270.74	268.45	2.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	270.74	270.70	0.04	--	--	--	--	--	--	--	--	--
07/08/98	270.74	264.85	5.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	270.74	260.38	10.36	--	--	--	--	--	--	--	--	--
01/27/99	270.74	263.42	7.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
04/27/99	270.74	267.98	2.76	--	--	--	--	--	--	--	--	--
07/23/99	270.74	269.59	1.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	270.74	267.11	3.63	--	--	--	--	--	--	--	--	--
01/20/00	270.74	266.77	3.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	270.74	269.13	1.61	0.00	--	SAMPLED SEMI-ANNUALL			--	--	--	--
07/21/00	270.74	268.72	2.02	0.00	--	--	--	--	--	--	--	--
07/26/00	270.74	268.45	2.29	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	270.74	267.39	3.35	0.00	--	--	--	--	--	--	--	--
01/08-09/01	270.74	266.72	4.02	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	270.74	268.19	2.55	0.00	--	--	--	--	--	--	--	--
07/09-10/01	270.74	267.56	3.18	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
10/10/01	270.74	267.69	3.05	0.00	--	SAMPLED SEMI-ANNUALL			--	--	--	--
01/07/02	270.74	270.71	0.03	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	270.74	267.49	3.25	0.00	--	--	--	--	--	--	--	--

NOT MONITORED/SAMPLED

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-15												
03/07/90	246.15	235.05	11.10	--	--	--	--	--	--	--	--	--
03/09/90	246.15	--	--	--	--	--	410	ND	1.4	0.5	0.6	--
06/12/90	246.15	235.37	10.78	--	--	--	420	11	ND	ND	ND	--
09/24/90	246.15	235.22	10.93	--	--	--	430	ND	1.5	ND	ND	--
12/20/90	246.15	235.07	11.08	--	--	--	300	1.3	1.1	0.6	1.5	--
03/27/91	246.15	237.65	8.50	--	--	--	520	4.6	1.1	ND	1.0	--
06/18/91	246.15	235.32	10.83	--	--	--	290	ND	1.1	ND	ND	--
06/18/91 (D)	246.15	235.32	10.83	--	--	--	320	ND	1.3	ND	ND	--
09/12/91	246.15	235.10	11.05	--	--	--	330	ND	0.9	ND	ND	--
01/23/92	246.15	235.35	10.80	--	--	--	210	ND	0.6	ND	ND	--
01/23/92 (D)	246.15	235.35	10.80	--	--	--	190	1.2	0.8	ND	ND	--
04/13/92	246.15	236.57	9.58	--	--	--	430	1.8	ND	ND	ND	--
08/03/92	246.15	234.94	11.21	--	--	--	640	ND	2.1	0.7	1.3	--
10/22/92	246.15	234.50	11.65	--	--	--	420	ND	ND	ND	0.8	--
01/18/93	246.15	239.03	7.12	--	--	--	640	7.0	3.0	2.9	6.7	--
04/19/93	246.15	237.22	8.93	--	--	--	260	6.0	2.0	0.7	ND	--
07/21-22/93	246.15	236.37	9.78	--	--	--	580	ND	8.0	ND	0.6	--
10/25/93	246.15	236.41	9.74	--	--	--	240	ND	12	ND	0.6	--
01/21/94	246.15	235.78	10.37	--	--	--	420	0.6	ND	0.6	ND	--
04/18/94	246.15	236.19	9.96	--	--	--	550	1.0	4.6	0.6	ND	--
07/06-07/94	246.15	235.92	10.23	--	--	--	660	0.7	ND	ND	0.7	--
10/07/94	246.15	235.47	10.68	--	--	--	440	13	0.8	ND	1.2	--
01/11/95	246.15	238.84	7.31	--	--	--	750	2.5	<0.5	<0.5	0.6	--
04/24/95	246.15	237.41	8.74	--	--	--	850	<0.5	<0.5	<0.5	<0.5	--
07/31/95	246.15	235.41	10.74	--	--	--	640	<0.5	1.6	<0.5	<0.5	--
10/02/95	246.15	234.83	11.32	--	--	--	560	<0.5	<0.5	<0.5	<0.5	--
01/16/96	246.15	235.58	10.57	--	--	--	740	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	246.15	237.55	8.60	--	--	--	760	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	246.15	235.57	10.58	--	--	--	690	<0.5	1.60	<0.5	<0.5	7.90
10/10/96	246.15	234.97	11.18	--	--	--	870	7.0	2.10	<0.5	<0.5	11
01/09/97	246.15	238.83	7.32	--	--	--	370	2.60	1.10	<0.5	<0.5	4.60

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-15 (cont)												
04/15/97	246.15	235.76	10.39	--	--		510	22	<0.5	<0.5	<0.5	<2.5
07/08/97	246.15	235.68	10.47	--	--		490	71	6.80	22	48	7.0
10/22/97	246.15	235.01	11.14	--	--		790	2.30	1.80	<0.5	<0.5	5.10
01/12/98	246.15	238.17	7.98	--	--		400	13	<1.0	<1.0	<1.0	<5.0
04/21/98	246.15	238.05	8.10	--	--		770	<0.5	0.6	0.82	0.51	<2.5
07/08/98	246.15	235.65	10.50	--	--		540	13	<0.5	<0.5	<0.5	<2.5
10/13/98	246.15	234.95	11.20	--	--		<50	<0.5	<0.5	<0.5	0.54	<2.5
01/27/99	246.15	235.53	10.62	--	--		769	<0.5	1.88	0.675	<0.5	4.35
04/27/99	246.15	236.91	9.24	--	--		612	2.57	1.79	<0.5	<0.5	<5.0
07/23/99	246.15	235.11	11.04	--	--		626	13.6	<0.5	<0.5	<0.5	<5.0
11/01/99	246.15	235.25	10.90	--	--		739	21.9	4.54	1.45	1.28	17.3
01/20/00 ⁶	246.15	235.06	11.09	--	--		465	1.43	0.815	<0.5	<0.5	<5.0
04/28-29/00	246.15	235.85	10.30	0.00	--		470 ³	2.9	3.2	<0.50	<0.50	8.0
07/21/00	246.15	235.19	10.96	0.00	--		610 ³	2.1	3.5	<0.50	1.7	7.9
10/09-10/00	246.15	235.01	11.14	0.00	--		527 ⁵	<0.500	<0.500	<0.500	<0.500	10.3
01/08-09/01	246.15	235.07	11.08	0.00	--		677 ⁷	3.86	0.862	<0.500	<0.500	12.1
04/30/01	246.15	235.38	10.77	0.00	--		690 ⁸	<1.00	<1.00	<1.00	<1.00	11.0
07/09-10/01	246.15	234.93	11.22	0.00	--		510 ⁹	30	1.6	<0.50	1.2	11
10/10/01	246.15	234.83	11.32	0.00	--		780	1.7	<1.0	<0.50	<1.5	7.0
01/07/02	246.15	238.04	8.11	0.00	--		260	2.0	<0.50	<0.50	<1.5	4.4
04/11/02	246.15	236.86	9.29	0.00	--		470	1.9	<1.0	<0.50	<1.5	4.9
07/11/02	246.15	235.34	10.81	0.00	--		1,000	<2.0	4.6	<0.50	<1.5	6.3
C-16												
03/07/90	246.69	228.19	18.50	--	--		--	--	--	--	--	--
03/09/90	246.69	--	--	--	--		ND	ND	ND	ND	ND	--
06/12/90	246.69	235.27	11.42	--	--		ND	ND	ND	ND	ND	--
09/24/90	246.69	235.30	11.39	--	--		ND	ND	ND	ND	ND	--
12/20/90	246.69	235.12	11.57	--	--		ND	ND	ND	ND	0.7	--
03/27/91	246.69	237.93	8.76	--	--		ND	ND	ND	ND	1.3	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)							
C-16 (cont)												
03/27/91 (D)	246.69	237.93	8.76	--	--		ND	ND	ND	ND	1.2	--
06/18/91	246.69	235.51	11.18	--	--		ND	ND	ND	ND	ND	--
09/12/91	246.69	234.74	11.95	--	--		ND	ND	ND	ND	ND	--
01/23/92	246.69	234.28	12.41	--	--		ND	ND	ND	ND	ND	--
04/13/92	246.69	236.00	10.69	--	--		ND	ND	ND	ND	ND	--
08/03/92	246.69	234.49	12.20	--	--		ND	ND	ND	ND	ND	--
10/22/92	246.69	234.09	12.60	--	--		ND	ND	ND	ND	ND	--
01/18/93	246.69	237.69	9.00	--	--		ND	ND	ND	ND	ND	--
04/19/93	246.69	236.80	9.89	--	--		ND	ND	ND	ND	ND	--
07/21-22/93	246.69	236.44	10.25	--	--		ND	ND	ND	ND	ND	--
10/25/93	246.69	235.73	10.96	--	--		ND	ND	ND	ND	ND	--
01/21/94	246.69	234.93	11.76	--	--		ND	ND	0.7	ND	1.0	--
04/18/94	246.69	235.47	11.22	--	--		ND	ND	ND	ND	ND	--
07/06-07/94	246.69	235.32	11.37	--	--		ND	ND	ND	ND	ND	--
10/07/94	246.69	234.30	12.39	--	--		ND	ND	ND	ND	ND	--
01/11/95	246.69	237.73	8.96	--	--		<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	246.69	236.31	10.38	--	--		<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	246.69	235.37	11.32	--	--		<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	246.69	234.29	12.40	--	--		<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	246.69	235.15	11.54	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/18/96	246.69	236.09	10.60	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/22/96	246.69	235.12	11.57	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	246.69	234.25	12.44	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/09/97	246.69	237.16	9.53	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	246.69	234.66	12.03	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	246.69	234.51	12.18	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	246.69	233.94	12.75	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	246.69	236.34	10.35	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	246.69	236.06	10.63	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	246.69	234.62	12.07	--	--		<50	<0.5	0.51	<0.5	<0.5	<2.5
10/13/98	246.69	233.94	12.75	--	--		<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT							MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-16 (cont)												
01/27/99	246.69	234.58	12.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/27/99	246.69	235.56	11.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
07/23/99	246.69	234.35	12.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
11/01/99	246.69	233.57	13.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/20/00	246.69	233.84	12.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
04/28-29/00	246.69	234.49	12.20	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
07/21/00	246.69	234.03	12.66	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
10/09-10/00	246.69	233.80	12.89	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
01/08-09/01	246.69	233.73	12.96	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
04/30/01	246.69	235.95	10.74	0.00	--	724 ⁸	<1.00	<1.00	<1.00	<1.00	<10.0	
07/09-10/01	246.69	233.90	12.79	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
10/10/01	246.69	233.62	13.07	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
01/07/02	246.69	235.73	10.96	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/11/02	246.69	234.87	11.82	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
07/11/02	246.69	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--	
RW												
12/04/89	--	--	--	--	--	62,000	29,000	1,700	1,800	8,800	--	
03/07/90	274.52	256.02	18.50	--	--	--	--	--	--	--	--	
06/12/90	274.52	256.03	18.49	--	--	31,000	15,000	2,000	560	3,100	--	
09/24/90	274.52	--	--	--	--	--	--	--	--	--	--	
12/20/90	274.52	--	--	--	--	ND	0.5	ND	ND	1.2	--	
03/27/91	274.52	--	--	--	--	--	--	--	--	--	--	
06/18/91	274.52	--	--	--	--	--	--	--	--	--	--	
09/12/91	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	
01/23/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	
04/13/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	
08/03/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	
10/22/92	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	
01/18/93	274.52	INSUFFICIENT WATER			--	--	--	--	--	--	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
RW (cont)											
04/19/93	274.52	INSUFFICIENT WATER		--	--	--	--	--	--	--	--
07/21-22/93	274.52	INSUFFICIENT WATER		--	--	--	--	--	--	--	--
10/25/93	274.52	--	--	--	--	--	--	--	--	--	--
01/21/94	274.52	--	--	--	--	--	--	--	--	--	--
04/18/94	274.52	--	--	--	--	--	--	--	--	--	--
07/06-07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/07/94	274.52	--	--	--	--	--	--	--	--	--	--
10/24/95	274.52	256.63	17.89	--	--	37,000	11,000	380	1,100	3,000	--
01/16/96	274.52	259.09	15.43	--	--	59,000	17,000	660	1,600	5,400	<1000
NOT MONITORED/SAMPLED											
TRIP BLANK											
01/11/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/24/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/31/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/02/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/10/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/09/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/15/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/22/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/21/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPHT						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
04/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/23/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/01/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
04/28-29/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/21/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/09-10/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/08-09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
04/30/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
07/09-10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
10/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
01/07/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/11/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-5607
5269 Crow Canyon Road
Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(ppb) = Parts per billion
GWE = Groundwater Elevation (msl) = Mean sea level	B = Benzene	(D) = Duplicate
DTW = Depth to Water	T = Toluene	-- = Not Measured/Not Analyzed
SPHT = Separate Phase Hydrocarbon Thickness	E = Ethylbenzene	ND = Not Detected
	X = Xylenes	QA = Quality Assurance
	MTBE = Methyl tertiary butyl ether	

** GWE corrected for the presence of SPH, correction factor: $[(TOC - DTW) + (SPHT \times 0.08)]$.

- 1 Confirmation run.
- 2 Chromatogram pattern indicates an unidentified hydrocarbon.
- 3 Laboratory report indicates gasoline C6-C12.
- 4 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 5 Laboratory report indicates weathered gasoline C6-C12.
- 6 Insufficient Preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylene and Ethylbenzene.
- 7 Laboratory report indicates weathered gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 8 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 9 Pump in well.
- 10 Product + water removed.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-5607
 5269 Crow Canyon Road
 Castro Valley, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-1 10/13/98	<10,000	<2,000	<40	<40	<40	<40

EXPLANATIONS:

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. 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 prevention 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 an 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 the 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 analytical 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, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered 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 Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539
 Site Address: 5269 Crow Canyon Road Event Date: 7-11-02
 City: Castro Valley, CA Sampler: FB

Well ID: C-1 Well Condition: OK
 Well Diameter: 2 1/3 (4) in. Hydrocarbon Amount Bailed: 0 gal.
 Total Depth: 43.20 ft. Thickness: 0 ft. (product/water): 0 gal.
 Depth to Water: 17.97 ft.

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

25.22 xVF 166 = 16.69 x3 (case volume) = Estimated Purge Volume: 50 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump ✓ _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer ✓ _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1105 Weather Conditions: Clear
 Sample Time/Date: 1148 7-11-02 Water Color: Clear Odor: yes
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1116</u>	<u>16.5</u>	<u>7.60</u>	<u>574</u>	<u>25.4</u>		
<u>1127</u>	<u>33</u>	<u>7.36</u>	<u>491</u>	<u>25.0</u>		
<u>1138</u>	<u>50</u>	<u>7.20</u>	<u>520</u>	<u>24.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX,MTBE(8021)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607
 Site Address: 5269 Crow Canyon Road
 City: Castro Valley, CA

Job Number: 386539
 Event Date: 7-11-02
 Sampler: FB

Well ID: C-3
 Well Diameter: 2 1/3 1/2 in.
 Total Depth: 31.78 ft.
 Depth to Water: 20.67 ft.

Well Condition: OK Sph
 Hydrocarbon Thickness: .12 ft. Amount Bailed (product/water): 1.67 gal.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.36
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

xVF .66 = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment: Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): _____ Weather Conditions: clear
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>3 x voc vial</u>	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX-MIBE(8021)</u>

COMMENTS: unable to sample .12 sph. Bailed 1 liter of sph put in container on truck

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607
 Site Address: 5269 Crow Canyon Road
 City: Castro Valley, CA

Job Number: 386539
 Event Date: 7-11-02
 Sampler: FB

Well ID: C-6 Well Condition: OK
 Well Diameter: 2 1/3 (4) in. Hydrocarbon Thickness: 0 ft. Amount Bailed (product/water): 0 gal.
 Total Depth: 29.91 ft.
 Depth to Water: 12.02 ft.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

17.89 xVF .66 = 11.80 x3 (case volume) = Estimated Purge Volume: 35.5 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1204 Weather Conditions: clear
 Sample Time/Date: 1238 7-11-02 Water Color: clear Odor: yes
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1212</u>	<u>12</u>	<u>7.95</u>	<u>647</u>	<u>23.3</u>		
<u>1220</u>	<u>24</u>	<u>7.40</u>	<u>621</u>	<u>23.0</u>		
<u>1228</u>	<u>35.5</u>	<u>7.31</u>	<u>620</u>	<u>22.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX, MTBE(8021)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539
 Site Address: 5269 Crow Canyon Road Event Date: 7-11-02
 City: Castro Valley, CA Sampler: FB

Well ID: C-7 Well Condition: OK
 Well Diameter: 21314 in. Hydrocarbon Thickness: ∅ ft. Amount Bailed (product/water): ∅ gal.
 Total Depth: 26.69 ft.
 Depth to Water: 4.80 ft.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

21.89 xVF 117 = 3.72 x3 (case volume) = Estimated Purge Volume: 11 gal.

Purge Equipment: Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 0817 Weather Conditions: clear
 Sample Time/Date: 0845 10817 7-11-02 Water Color: clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0823</u>	<u>3.5</u>	<u>7.52</u>	<u>418</u>	<u>23.5</u>		
<u>0827</u>	<u>7.0</u>	<u>7.50</u>	<u>400</u>	<u>23.6</u>		
<u>0837</u>	<u>11.0</u>	<u>7.38</u>	<u>410</u>	<u>23.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX,MTBE(8021)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607
 Site Address: 5269 Crow Canyon Road
 City: Castro Valley, CA

Job Number: 386539
 Event Date: 7-11-02
 Sampler: FB

Well ID: C-9
 Well Diameter: 2 1/3 1/4 in.
 Total Depth: 27.84 ft.
 Depth to Water: _____ ft.

Well Condition: UTA
 Hydrocarbon Thickness: _____ ft. Amount Bailed (product/water): _____ gal.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

_____ xVF _____ = _____ x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 7/11/02 Water Color: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. Odor: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	Lancaster	TPH-G(8015)/BTEX,MTBE(8021)

COMMENTS: WELL HAS pump in it. UNABLE to Remove, stuck. WAS ABLE to Remove in past EVENTS. ALSO noted in past that maybe Pump should be removed permanently?

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539
 Site Address: 5269 Crow Canyon Road Event Date: 7-11-02
 City: Castro Valley, CA Sampler: FB

Well ID: C-12 Well Condition: OK
 Well Diameter: 2 1/3 (3) 4 in. Hydrocarbon Thickness: Ø ft. Amount Bailed (product/water): Ø gal.
 Total Depth: 29.30 ft.
 Depth to Water: 9.71 ft.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

19.59 xVF .38 = 7.44 x3 (case volume) = Estimated Purge Volume: 22.5 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 0950 Weather Conditions: clean
 Sample Time/Date: 10/2/17-11-02 Water Color: clean Odor: NO
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1003</u>	<u>7.5</u>	<u>7.63</u>	<u>289</u>	<u>19.7</u>		
<u>1008</u>	<u>15</u>	<u>7.62</u>	<u>270</u>	<u>19.6</u>		
<u>1013</u>	<u>22.5</u>	<u>7.48</u>	<u>279</u>	<u>19.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-12</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX,MTBE(8021)</u>

COMMENTS: Well still has a pump in it and it be removed

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607 Job Number: 386539
 Site Address: 5269 Crow Canyon Road Event Date: 7-11-02
 City: Castro Valley, CA Sampler: FB

Well ID: C-13 Well Condition: OK
 Well Diameter: 2 1/3 x 4 in. Hydrocarbon Thickness: ∅ ft. Amount Bailed (product/water): ∅ gal.
 Total Depth: 28.22 ft.
 Depth to Water: 8.78 ft.
 Volume Factor (VF) table:

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

 19.44 xVF .38 = 7.38 x3 (case volume) = Estimated Purge Volume: 22 gal.

Purge Equipment: Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____
 Sampling Equipment: Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 1024 Weather Conditions: clear
 Sample Time/Date: 1049 7-11-02 Water Color: _____ Odor: _____
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1029</u>	<u>7.5</u>	<u>7.50</u>	<u>455</u>	<u>23.9</u>		
<u>1034</u>	<u>15.0</u>	<u>7.30</u>	<u>451</u>	<u>22.7</u>		
<u>1039</u>	<u>22.0</u>	<u>7.16</u>	<u>453</u>	<u>21.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-13</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX,MTBE(8021)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-5607
 Site Address: 5269 Crow Canyon Road
 City: Castro Valley, CA

Job Number: 386539
 Event Date: 7-11-02
 Sampler: FB

Well ID: C-15
 Well Diameter: 2 1/3 1/4 in.
 Total Depth: 19.40 ft.
 Depth to Water: 10.81 ft.

Well Condition: OK
 Hydrocarbon Thickness: ∅ ft.
 Amount Bailed (product/water): ∅ gal.

Volume Factor (VF)	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

8.59 xVF 138 = 3.26 x3 (case volume) = Estimated Purge Volume: 10 gal.

Purge Equipment: Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment: Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Start Time (purge): 0907 Weather Conditions: clear
 Sample Time/Date: 0946 7-11-02 Water Color: clear Odor: No
 Purging Flow Rate: ✓ gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0917</u>	<u>3.5</u>	<u>7.43</u>	<u>533</u>	<u>20.7</u>		
<u>0927</u>	<u>7.0</u>	<u>7.36</u>	<u>521</u>	<u>20.9</u>		
<u>0939</u>	<u>10.0</u>	<u>7.34</u>	<u>519</u>	<u>21.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-15</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX,MTBE(8021)</u>

COMMENTS: _____

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



814749
071202-016

For Lancaster Laboratories use only
Acct. #: 10905 Sample #: 3851513-9 SCR#: _____

Facility #: g-5607 Job# 386539 GLOBAL ID# T0600100344
 Site Address: 5269 Crow Canyon Road, Castro Valley, CA
 Chevron PM: Karen Streich Lead Consultant Delta/G-R
 Consultant/Office G-R Inc. 6747 Sierra Ct, Dublin, CA 94568
 Consultant Prj. Mgr.: Deanna L. Harding Deanna@grinc.com
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: F BOHNET
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested																			
Soil	Water	Oil	Air	Total Number of Containers	Preservation Codes																
					BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421								
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

Preservative Codes

H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy s on highest hit
 Run ___ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	
QA	7-11-02	—							2	X	X								
C-1		1148	X			X			3	X	X								
C-6		1238	X			X			3	X	X								
C-7		0845	X			X			3	X	X								
C-12		1021	X			X			3	X	X								
C-13		1049	X			X			3	X	X								
C-15		0946	X			X			3	X	X								

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

STD. TAT 72 hour 48 hour
 24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I — Full
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>Frank H. Bore</u>	Date: <u>7/10/02</u>	Time: <u>1330</u>	Received by: <u>[Signature]</u>	Date: <u>7/12/02</u>	Time: <u>1236</u>
Relinquished by: <u>[Signature]</u>	Date: <u>7/12/02</u>	Time: <u>1450</u>	Received by: <u>Andres Amaya</u>	Date: <u>7-12-02</u>	Time: <u>1450</u>
Relinquished by: <u>Andres Amaya</u>	Date: <u>7-12-02</u>	Time: <u>1530</u>	Received by: <u>Airborne</u>	Date: <u>7-12-02</u>	Time: _____
Relinquished by Commercial Carrier: <u>Airborne</u>	UPS FedEx Other <input checked="" type="checkbox"/>	Temperature Upon Receipt: <u>30</u> °C	Received by: <u>[Signature]</u>	Date: <u>7/13/02</u>	Time: <u>0930</u>
Custody Seals Intact? <u>Yes</u> No					



ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

RECEIVED

JUL 19 2002

GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 814749. Samples arrived at the laboratory on Saturday, July 13, 2002. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-020711	NA	Water	3851513
C-1-W-020711	Grab	Water	3851514
C-6-W-020711	Grab	Water	3851515
C-7-W-020711	Grab	Water	3851516
C-12-W-020711	Grab	Water	3851517
C-13-W-020711	Grab	Water	3851518
C-15-W-020711	Grab	Water	3851519

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding





Questions? Contact your Client Services Representative
Teresa M Lis at (717) 656-2300.

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3851513

Collected: 07/11/2002 00:00

Account Number: 10905

Submitted: 07/13/2002 09:30
 Reported: 07/25/2002 at 17:15
 Discard: 08/25/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

QA-T-020711 NA Water
 Facility# 95607 Job# 386539 GRD
 5269 CROW CANYON RD T0600100344 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/16/2002 21:56	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/16/2002 21:56	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/16/2002 21:56	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3851514

Collected: 07/11/2002 11:48 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30
 Reported: 07/25/2002 at 17:15
 Discard: 08/25/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C-1-W-020711 Grab Water
 Facility# 95607 Job# 386539 GRD
 5269 CROW CANYON RD T0600100344 C-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	12,000.	250.	ug/l	5
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1,000.	1.0	ug/l	5
00777	Toluene	108-88-3	150.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	810.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	930.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	25.	ug/l	5

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/17/2002 06:36	Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/17/2002 06:36	Melissa D Mann	5

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not Detected or Above the Reporting Limit



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 Lancaster, PA 17605-2425
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Page 2 of 2

Lancaster Laboratories Sample No. WW 3851514

Collected: 07/11/2002 11:48 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30

Reported: 07/25/2002 at 17:15

Discard: 08/25/2002

C-1-W-020711

Grab Water

Facility# 95607 Job# 386539

GRD

5269 CROW CANYON RD

T0600100344 C-1

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

01146 GC VOA Water Prep

SW-846 5030B

1

07/17/2002 06:36

Melissa D Mann

n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected or above the Reporting Limit



PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3851515

Collected: 07/11/2002 12:38 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30
 Reported: 07/25/2002 at 17:15
 Discard: 08/25/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C-6-W-020711 Grab Water GRD
 Facility# 95607 Job# 386539
 5269 CROW CANYON RD T0600100344 C-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	41,000.	1,300.	ug/l	25
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	14,000.	20.	ug/l	100
00777	Toluene	108-88-3	230.	5.0	ug/l	25
00778	Ethylbenzene	100-41-4	820.	5.0	ug/l	25
00779	Total Xylenes	1330-20-7	1,800.	15.	ug/l	25
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	100.	ug/l	25
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for MTBE. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/17/2002 07:10	Melissa D Mann	25
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	07/17/2002 07:10	Melissa D Mann	25
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/17/2002 11:08	Matthew E Barton	100
01146	GC VOA Water Prep	SW-846 5030B	1	07/17/2002 07:10	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



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 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



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Lancaster Laboratories Sample No. WW 3851515

Collected: 07/11/2002 12:38 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30

ChevronTexaco

Reported: 07/25/2002 at 17:15

6001 Bollinger Canyon Rd L4310

Discard: 08/25/2002

San Ramon CA 94583

C-6-W-020711

Grab

Water

Facility# 95607 Job# 386539

GRD

5269 CROW CANYON RD

T0600100344 C-6

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or below the Reporting Limit



Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3851516

Collected: 07/11/2002 08:45 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30
 Reported: 07/25/2002 at 17:15
 Discard: 08/25/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C-7-W-020711 Grab Water
 Facility# 95607 Job# 386539 GRD
 5269 CROW CANYON RD T0600100344 C-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	310.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D. #	1.0	ug/l	1
00777	Toluene	108-88-3	0.56	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	1.9	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for benzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/17/2002 00:50		Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/17/2002 00:50		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/17/2002 00:50		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3851517

Collected: 07/11/2002 10:21 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30

Reported: 07/25/2002 at 17:15

Discard: 08/25/2002

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

C-12-W-020711 Grab Water
 Facility# 95607 Job# 386539 GRD
 5269 CROW CANYON RD T0600100344 C-12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/17/2002 01:24	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/17/2002 01:24	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/17/2002 01:24	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



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 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



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Lancaster Laboratories Sample No. WW 3851518

Collected: 07/11/2002 10:49 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30
 Reported: 07/25/2002 at 17:15
 Discard: 08/25/2002

ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

C-13-W-020711 Grab Water
 Facility# 95607 Job# 386539 GRD
 5269 CROW CANYON RD T0600100344 C-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	1.9	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	07/17/2002 01:59	Melissa D Mann	1
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	07/17/2002 01:59	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/17/2002 01:59	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not Detected Above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681

Lancaster Laboratories Sample No. WW 3851519

Collected: 07/11/2002 09:46 by FB

Account Number: 10905

Submitted: 07/13/2002 09:30
Reported: 07/25/2002 at 17:15
Discard: 08/25/2002

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

C-15-W-020711 Grab Water
Facility# 95607 Job# 386539 GRD
5269 CROW CANYON RD T0600100344 C-15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	1,000.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D. #	2.0	ug/l	1
00777	Toluene	108-88-3	4.6	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	6.3	2.5	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for benzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Diluti. Factor:
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	07/17/2002 02:34		Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	07/17/2002 02:34		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	07/17/2002 02:34		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected or above the Reporting Limit



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Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/25/02 at 05:15 PM

Group Number: 814749

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02197A51A Sample number(s): 3851513,3851516-3851519								
Benzene	N.D.	0.5	ug/l	100	94	80-118	6	30
Toluene	N.D.	0.5	ug/l	100	94	82-119	7	30
Ethylbenzene	N.D.	0.5	ug/l	95	88	81-119	7	30
Total Xylenes	N.D.	1.5	ug/l	98	91	82-120	8	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	102	96	79-127	7	30
TPH-GRO - Waters	N.D.	50.	ug/l	113	111	76-126	1	30
Batch number: 02197A51B Sample number(s): 3851514-3851515								
Benzene	N.D.	0.5	ug/l	100	94	80-118	6	30
Toluene	N.D.	0.5	ug/l	100	94	82-119	7	30
Ethylbenzene	N.D.	0.5	ug/l	95	88	81-119	7	30
Total Xylenes	N.D.	1.5	ug/l	98	91	82-120	8	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	102	96	79-127	7	30
TPH-GRO - Waters	N.D.	50.	ug/l	113	111	76-126	1	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02197A51A Sample number(s): 3851513,3851516-3851519								
Benzene	113		77-131					
Toluene	112		80-128					
Ethylbenzene	109		76-132					
Total Xylenes	111		76-132					
Methyl tert-Butyl Ether	107		61-144					
TPH-GRO - Waters	113		74-132					
Batch number: 02197A51B Sample number(s): 3851514-3851515								
Benzene	113		77-131					
Toluene	112		80-128					
Ethylbenzene	109		76-132					
Total Xylenes	111		76-132					
Methyl tert-Butyl Ether	107		61-144					
TPH-GRO - Waters	113		74-132					

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 02197A51A

	Trifluorotoluene-F	Trifluorotoluene-P
3851513	93	95
3851516	98	91
3851517	94	96
3851518	94	92
3851519	109	99
Blank	94	93
LCS	106	96
LCSD	105	97
MS	107	97

- *- Outside of specification
- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: ChevronTexaco
Reported: 07/25/02 at 05:15 PM

Group Number: 814749

Surrogate Quality Control

Limits: 67-135 71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02197A51B
Trifluorotoluene-F Trifluorotoluene-P

3851514	125	151*
3851515	105	110
Blank	101	94
LCS	106	96
LCSD	105	97
MS	107	97

Limits: 67-135 71-130

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

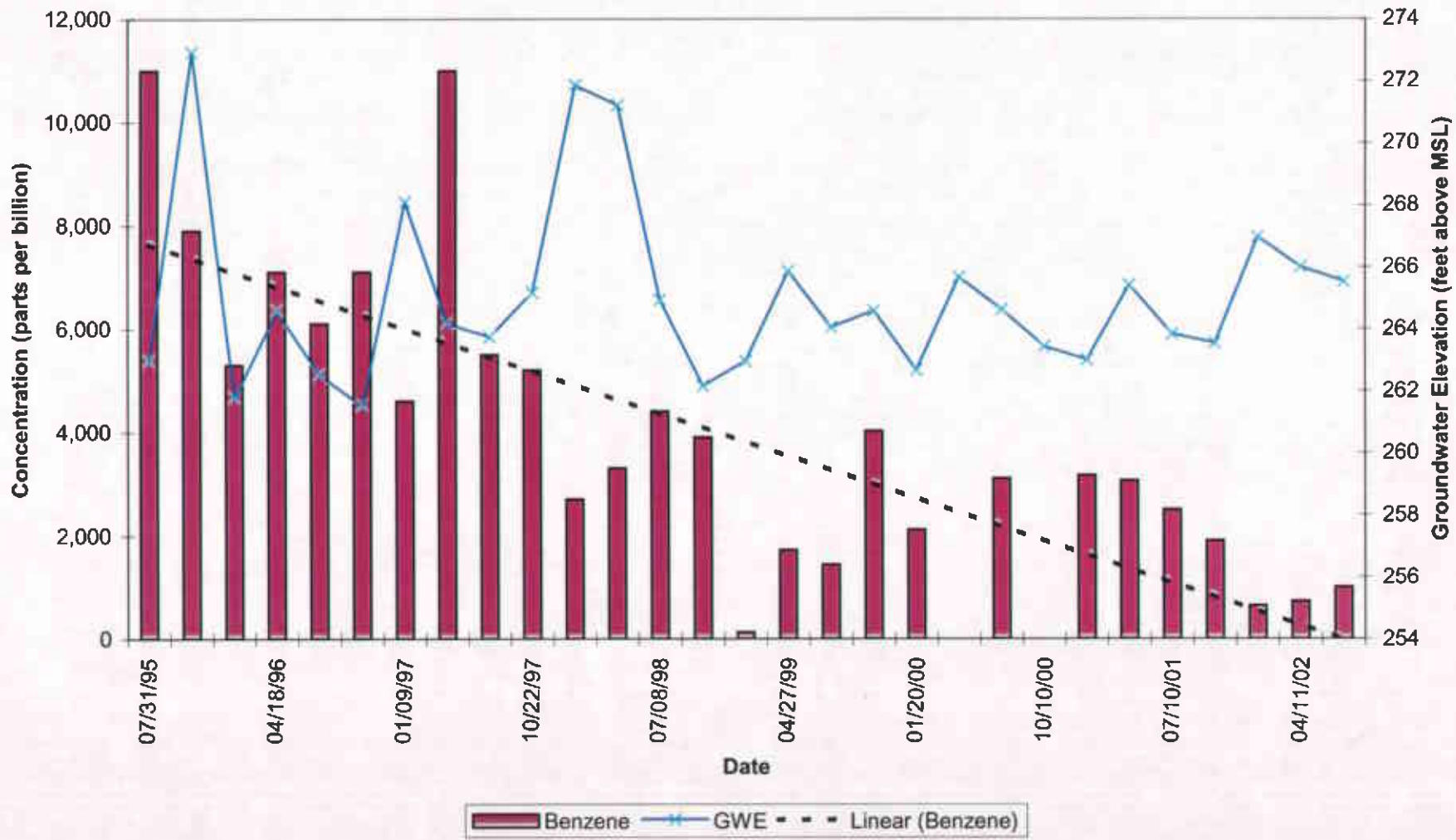


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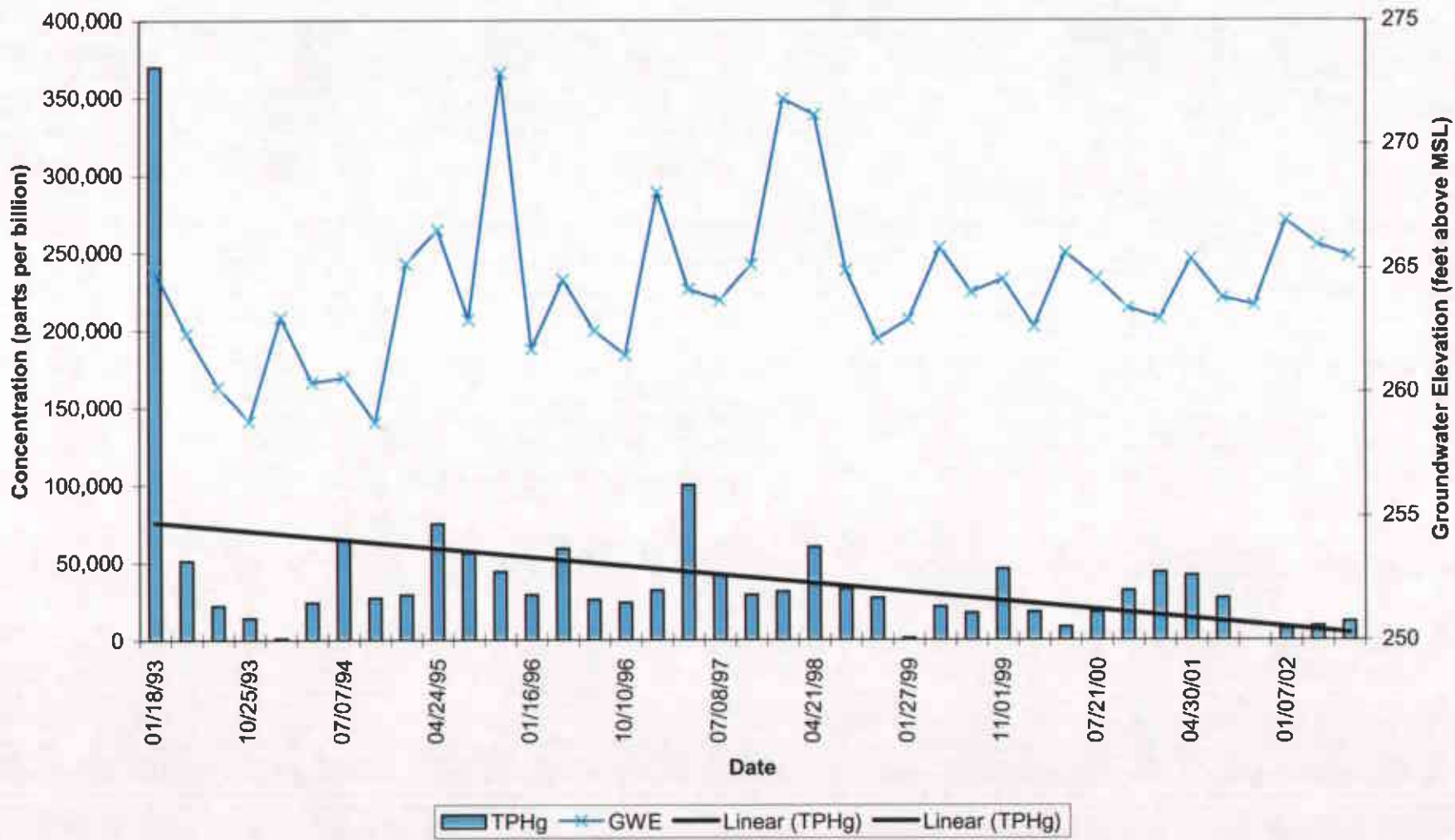
ENCLOSURE C

Groundwater Elevation and Petroleum Hydrocarbon Trend Graphs for
Monitoring Wells C-1, C-6, C-9, and C-12

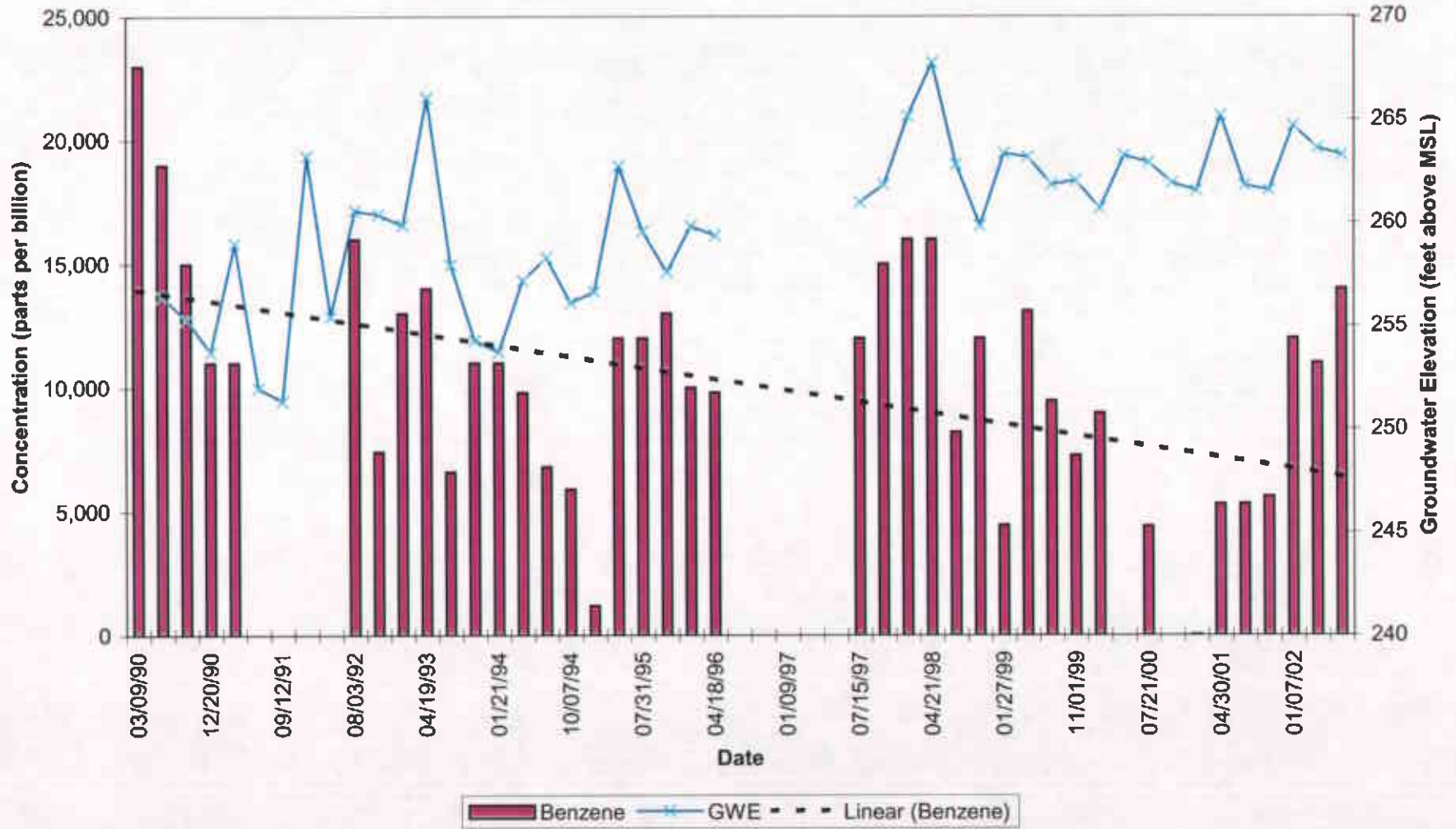
**Concentration Trend of Benzene in C-1
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



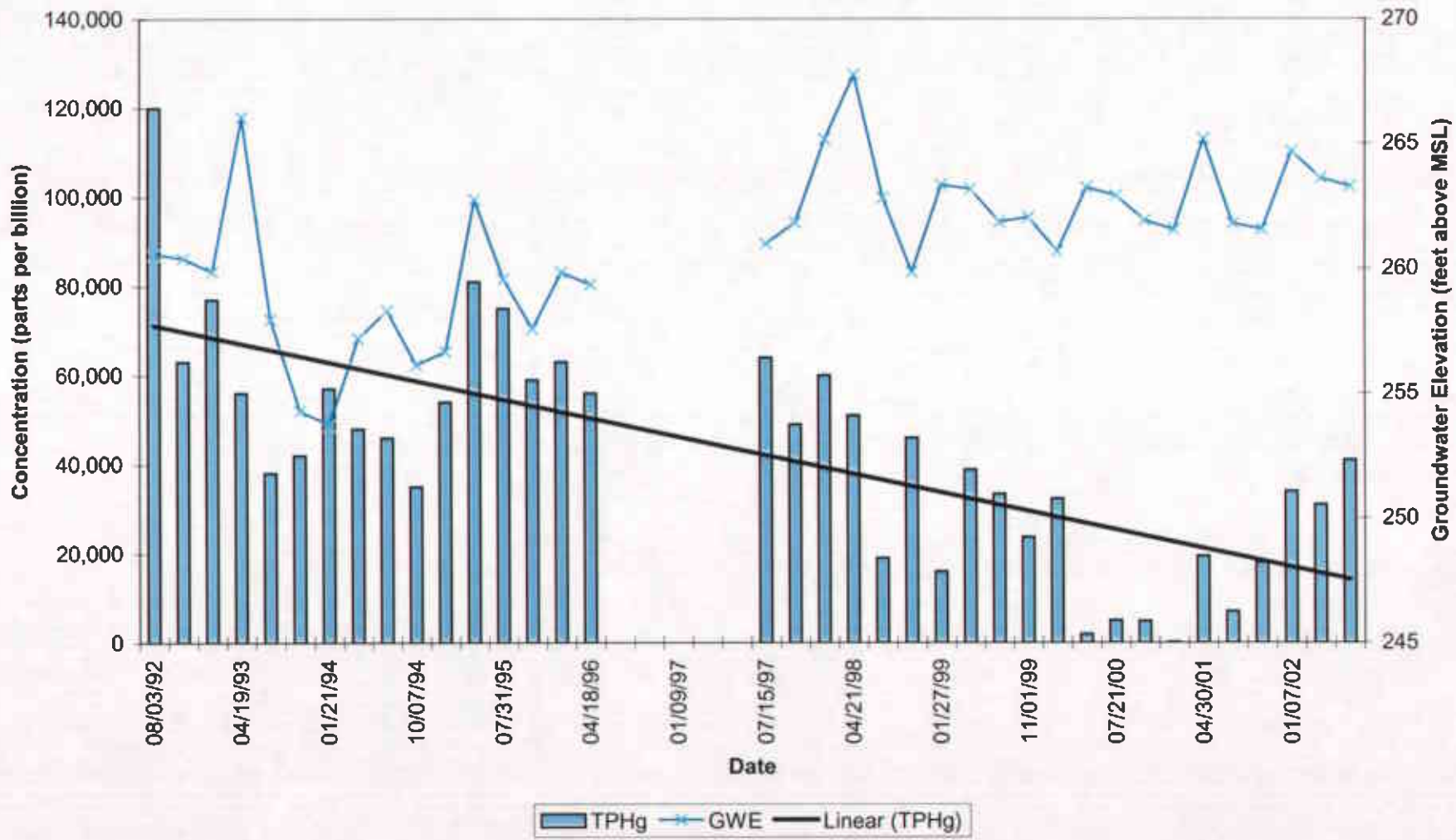
**Concentration Trend of Total Petroleum Hydrocarbons in C-1
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



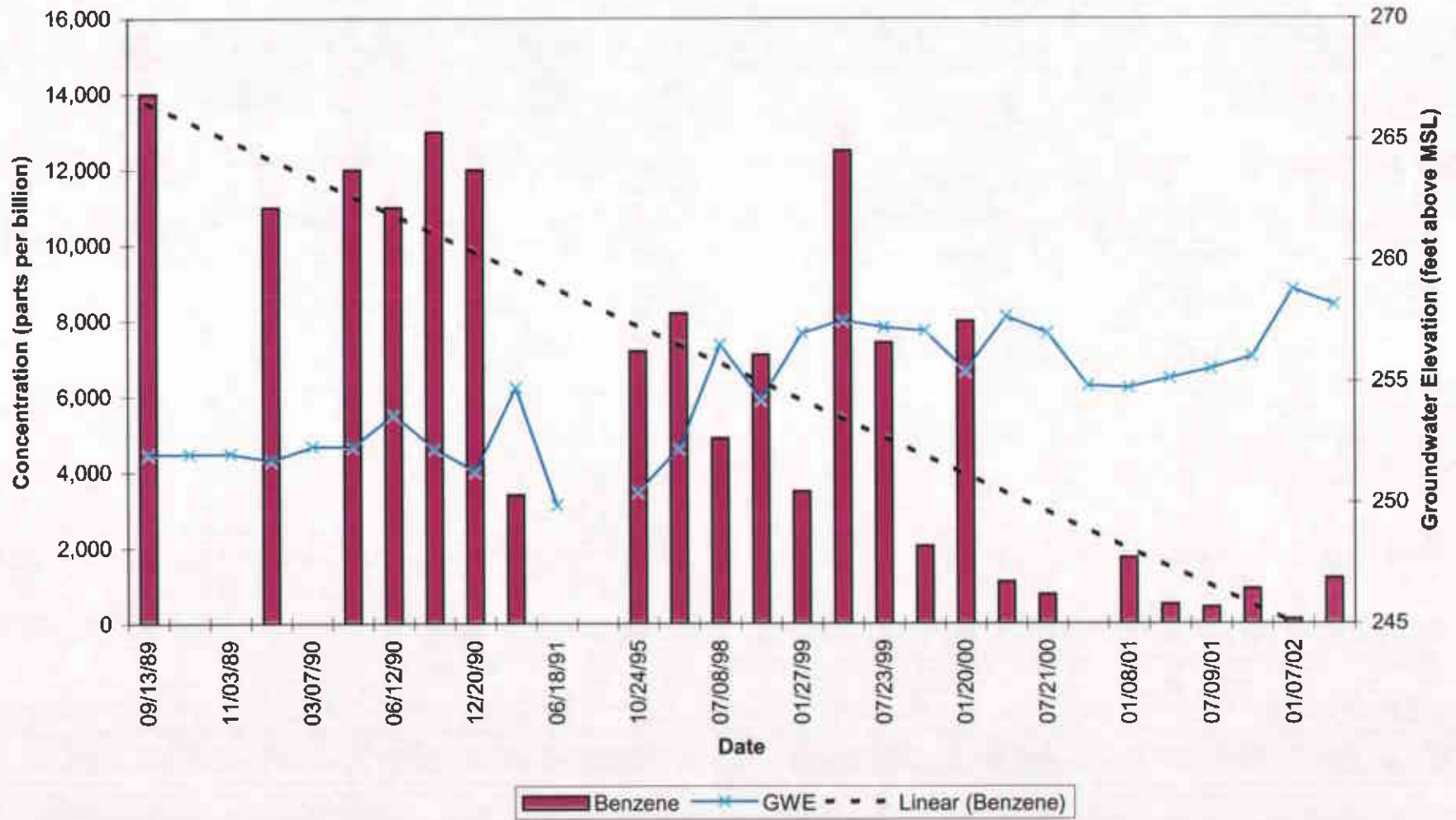
**Concentration Trend of Benzene in C-6
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



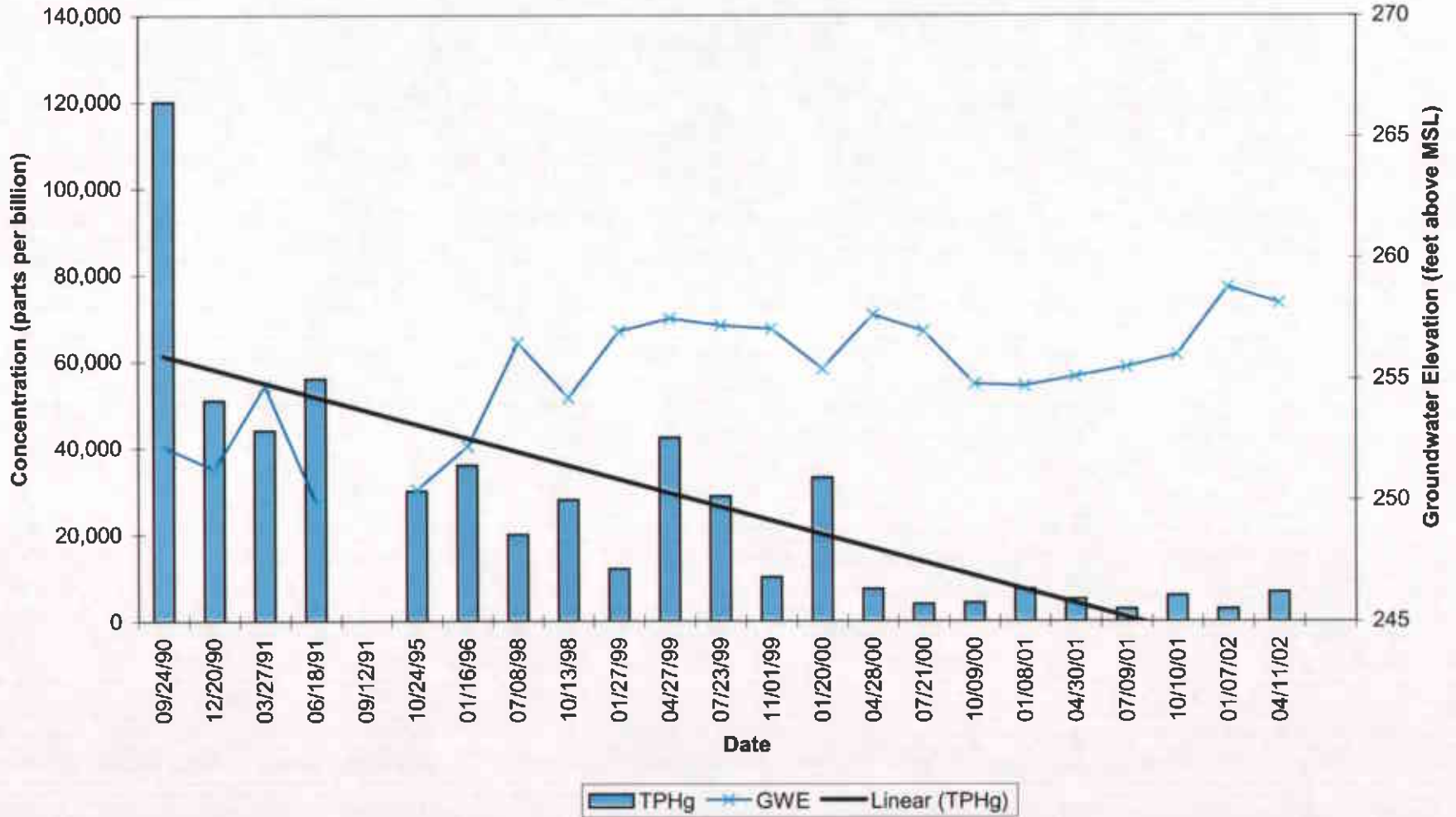
**Concentration Trend of Total Petroleum Hydrocarbons in C-6
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



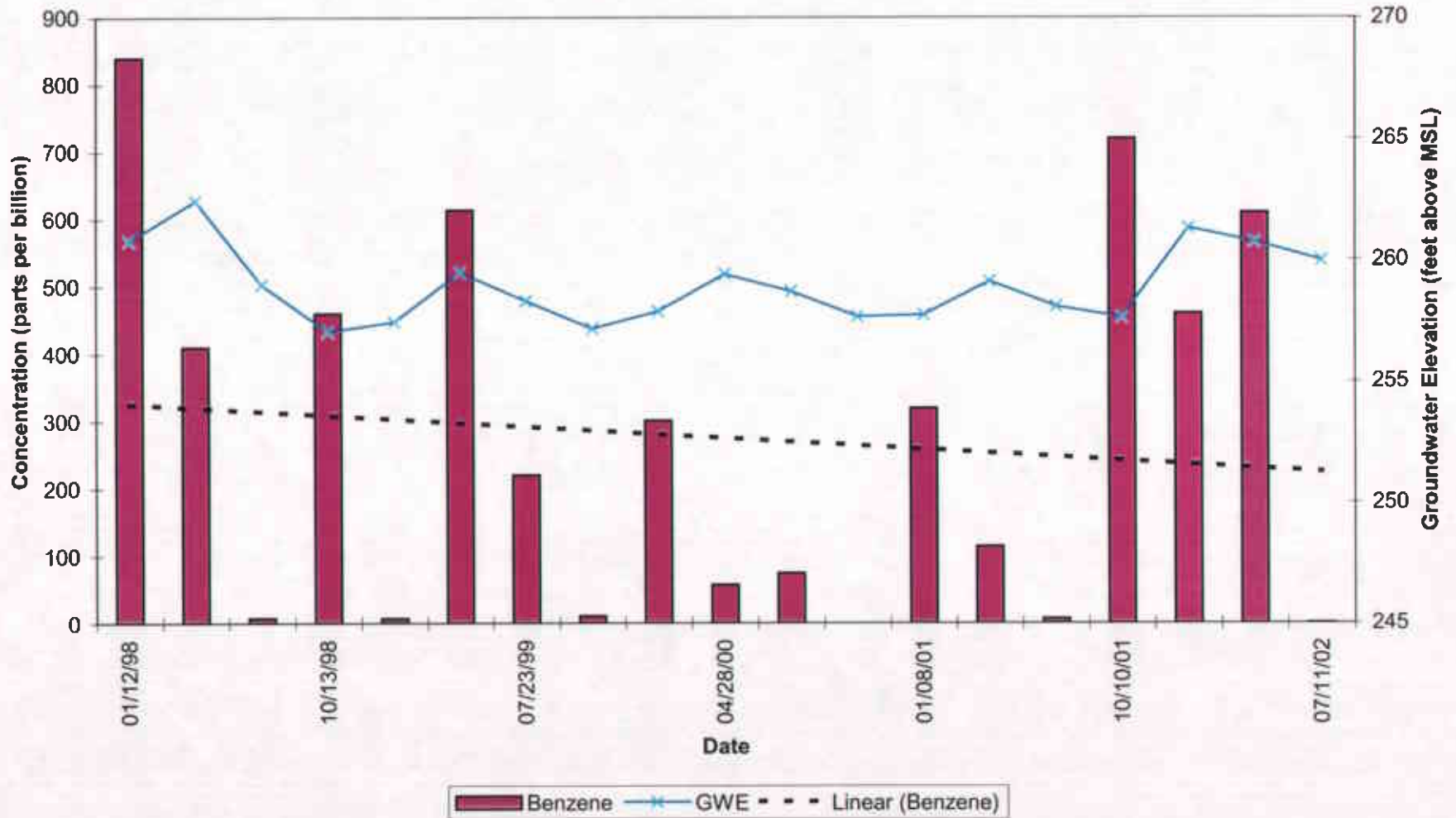
**Concentration Trend of Benzene in C-9
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



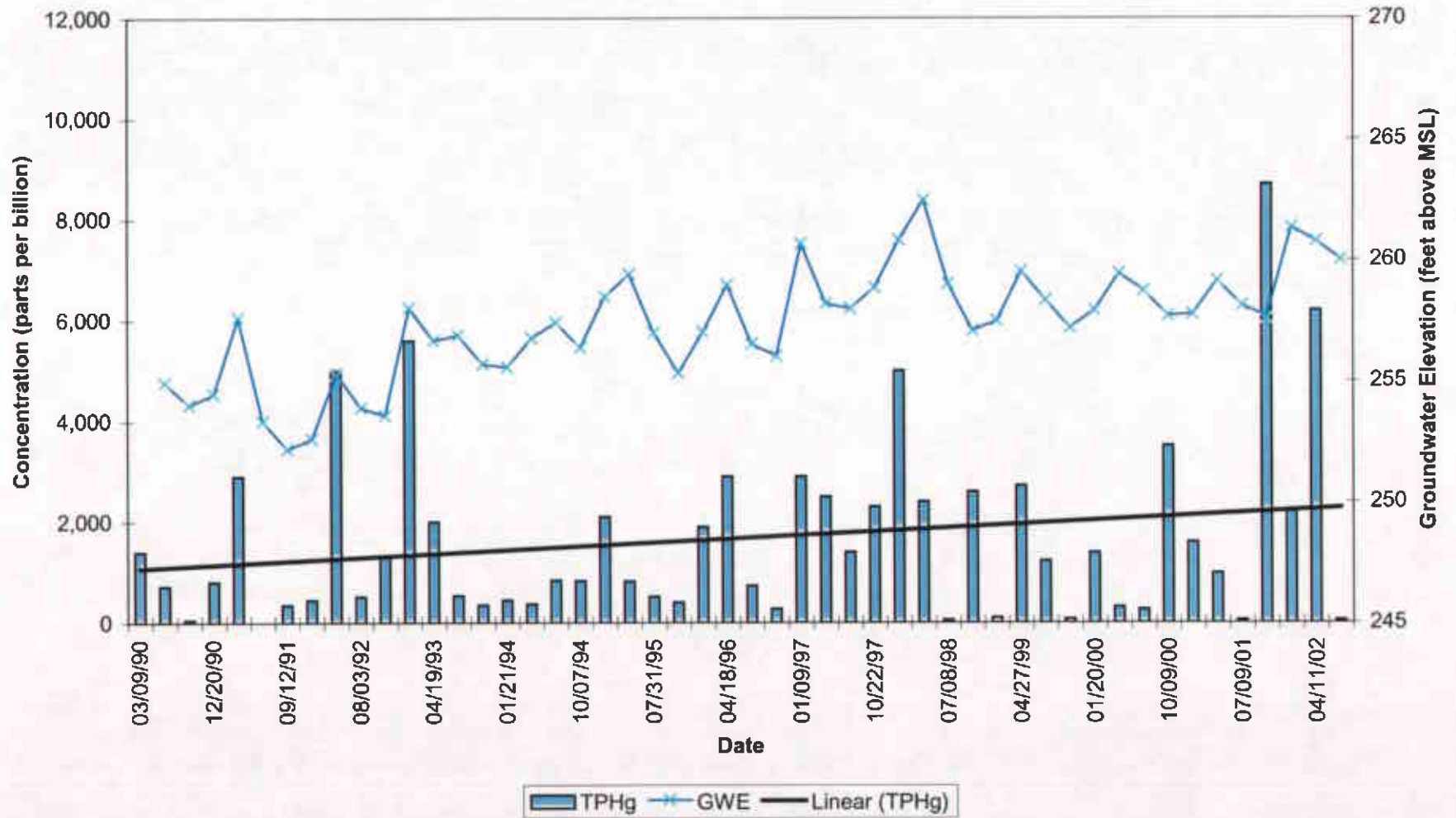
**Concentration Trend of Total Petroleum Hydrocarbons in C-9
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



**Concentration Trend of Benzene in C-12
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



**Concentrations of Total Petroleum Hydrocarbons in C-12
Former Chevron No. 9-5607
5269 Crow Canyon Road, Castro Valley, CA**



ENCLOSURE D

Table 1 - Total Flow Summary
Geraghty & Miller, Inc.

Table 1: Total Flow Summary
 Former Chevron Service Station #9-5607
 5269 Crow Canyon Road, Castro Valley, California.

Date of Reading	Totalizer Reading (gallons)	Total Gallons Extracted	Total Flow (gallons)	Number of Days	Average Flow (gal/min)	Comments
26-Mar-90	693	693	693	1	0.481	Start-up date
27-Mar-90	1,040	1,040	347	1	0.241	
29-Mar-90	1,230	1,230	190	2	0.066	
4-Apr-90	1,293	1,293	63	6	0.007	Replace all tower motors
13-Apr-90	3,271	3,271	1,978	9	0.153	
16-Apr-90	3,959	3,959	688	3	0.159	
25-Apr-90	4,363	4,363	405	9	0.031	System on
27-Apr-90	5,250	5,250	886	2	0.308	
28-Apr-90	NM	5,250	NM	1	NM	
29-Apr-90	NM	5,250	NM	1	NM	
30-Apr-90	5,521	5,521	271	1	0.188	
15-May-90	8,044	8,044	2,523	15	0.117	
25-May-90	9,978	9,978	1,934	10	0.134	
8-Jun-90	13,602	13,602	3,624	14	0.18	
20-Jun-90	14,103	14,103	501	12	0.029	System off
26-Jun-90	14,442	14,442	65	1	0.039	System on
27-Jun-90	14,507	14,507	65	1	0.045	
6-Jul-90	14,571	14,571	64	9	0.005	
23-Jul-90	17,160	17,160	2,589	17	0.106	
24-Jul-90	17,167	17,167	7	1	0.005	
30-Jul-90	17,793	17,793	626	6	0.072	
8-Aug-90	18,527	18,527	734	9	0.057	
15-Aug-90	18,550	18,550	23	7	0.002	System off
16-Aug-90	18,564	18,564	14	1	0.01	System on
23-Aug-90	19,105	19,105	541	7	0.054	
27-Aug-90	19,132	19,132	27	4	0.005	System off
2-Nov-90	19,236	19,236	104	67	0.001	System on
6-Nov-90	19,698	19,698	462	4	0.08	System off
7-Nov-90	19,698	19,698	0	1	0	System on
27-Nov-90	21,376	21,376	1,678	20	0.058	
10-Dec-90	22,845	22,845	1,469	13	0.078	
2-Jan-91	24,443	24,443	1,598	23	0.048	
8-Jan-91	24,443	24,443	0	6	0	
29-Jan-91	29,998	29,998	5,555	20	0.192	Install new flowmeter
1-Feb-91	218	30,216	218	3	0.05	Reset flow to new flowmeter
28-Feb-91	2,964	32,962	2,746	27	0.07	
4-Mar-91	3,434	33,432	470	5	0.065	
12-Mar-91	4,722	34,720	1,288	8	0.112	
1-Apr-91	5,845	35,843	1,123	20	0.039	System off
9-Apr-91	8,289	38,287	2,444	7	0.24	System on
3-May-91	9,444	39,442	1,155	23	0.04	
8-May-91	11,424	41,422	1,980	5	0.28	
15-May-91	13,657	43,655	2,233	6	0.26	
28-May-91	14,165	44,163	508	12	0.03	System off - electrical repairs

Project No. RC0069.006

Table 1: Total Flow Summary
 Former Chevron Service Station #9-5607
 5269 Crow Canyon Road, Castro Valley, California.

Date of Reading	Totalizer Reading (gallons)	Total Gallons Extracted	Total Flow (gallons)	Number of Days	Average Flow (gal/min)	Comments
13-Jun-91	14,207	44,205	42	15	0.002	System on
18-Jun-91	15,632	45,630	1,425	4	0.25	
29-Aug-91	22,922	52,920	7,290	71	0.07	
9-Sep-91	23,846	53,844	924	10	0.06	Install additional extraction pump
10-Sep-91	24,478	54,476	632	1	0.44	
23-Sep-91	28,881	58,879	4,403	12	0.25	
16-Oct-91	30,703	60,701	1,822	22	0.06	Malfunction in extraction pump
18-Oct-91	30,919	60,917	216	2	0.08	System off
22-Oct-91	30,961	60,959	42	3	0.01	System on
29-Oct-91	32,922	62,920	1,961	6	0.23	
31-Oct-91	33,277	63,275	355	2	0.12	
27-Dec-91	55,335	85,333	22,058	56	0.27	Power accidentally shut off
31-Dec-91	56,843	86,841	1,508	4	0.26	
2-Jan-92	57,429	87,427	586	1.5	0.27	
13-Mar-92	97,409	127,407	39,980	71	0.39	
24-Mar-92	104,749	134,747	7,340	10	0.51	Repair air stripper pump
21-Apr-92	117,512	147,510	12,763	27	0.33	Repair air stripper pump seals
2-May-92	117,512	147,510	0	10	0	Restart system after repairs
8-May-92	118,261	148,259	749	5	0.1	Check system after auto-dialer call
19-May-92	119,404	149,402	1,143	10	0.08	Repair leak at Well C-9
11-Jun-92	130,255	160,253	10,851	22	0.34	
18-Jul-92	141,311	171,309	11,056	36	0.21	Repair broken compressor belt
21-Jul-92	142,699	172,697	1,388	3	0.32	
25-Sep-92	166,158	196,156	23,459	65	0.25	
29-Oct-92	175,190	205,188	9,032	34	0.19	Repair scaling in pumps
7-Nov-92	179,093	209,091	3,903	9	0.30	Repair air stripper pump
19-Dec-92	193,607	239,605	14,514	42	0.24	Repair air stripper blower
20-Jan-93	209,114	239,112	15,507	32	0.34	Repair blower housing and pumps
24-Jan-93	213,562	243,560	4,448	4	0.77	Repair pump and compressor
18-Mar-93	254,898	284,896	41,336	51	0.56	Repair compressor and flow meter
31-Mar-93	267,759	297,902	13,006	13	0.69	Replace air stripper pump
7-Apr-93	274,759	304,757	6,855	7	0.68	Repair pump and piping
14-Apr-93	281,074	311,072	6,315	7	0.63	
21-Apr-93	287,453	317,451	6,379	6	0.74	Replace anti-scaling tank
5-May-93	295,105	325,103	7,652	12	0.44	Replace compressor belt
26-May-93	296,867	326,865	1,762	21	0.06	Repair compressor and pump
25-Jul-93	297,990	327,988	1,123	101	0.008	Repair compressor and two pumps

NM Not Measured

Initial start date: March 26, 1990

April 20, 1990: System down - pumps scaled.

June 26, 1990: Replaced all motors damaged by scaling.

August 27, 1990: System turned off to allow for modifications.

September 9, 1991: Additional extraction pump installed in Well C-9.

Reference for Analytical Results and System Operational Data prior to April 1, 1991 - Chemical Processors, Inc., January 11, 1991.

Reference for Analytical Results and System Operational Data after April 1, 1991 - Geraghty & Miller, Inc.

Project No. RC0069.006