



To: Barney Chan
name

From: Charlie Almestad
name

Alameda County Dept Env. Health
company / city

Kleinfelder, Inc.
1970 Broadway, Suite 710
Oakland, CA 94612
(510) 628-9000 ■
(510) 628-9009 fax
www.kleinfelder.com

337-9335
fax number

10335

CC

- Original Will Follow
- Original Will Not Follow

Date: 7/8/04

Sent By: _____

Time: 5pm

Project No.: _____

Total Pages: (including cover sheet) 17

Project Name: Chevron Station, 2340 Otis Drive
Alameda

Special Instructions:

Hi Barney:

As a follow-up to our telephone conversation, the following pages include a summary report we prepared for Harsch Investment Properties concerning the Chevron Station at 2340 Otis Street in Alameda (LOP 335). The information summarized in this report was obtained during a file review in your offices on February 26, 2004 and subsequent telephone conversations with Alameda County personnel. The intent of the report was to provide information to Harsch Investment Properties concerning site conditions and what may or may not have to be done at the site to properly close the tanks and deal with residual hydrocarbons in the subsurface. As I mentioned, the lease for the service station will be up at the end of August and the site will be subsequently redeveloped. Our goal is to facilitate closure activities such that appropriate closure activities are carried out and in a timely manner.

Please call if you have any questions. We look forward to meeting with you.

Thanks, Charlie Almestad

If there are any problems receiving this transmission, please call (510) 628-9000

WARNING: Information provided via electronic media is not guaranteed against defects including translation and transmission errors. In addition, this electronic communication and its attachments are forwarded to you without passing through our standard review process. Design data and recommendations included herein should not be used for final design. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this information in error, please notify the sender immediately.

March 30, 2004
File No: 41009/1

Mr. Michael Corbitt
Harsch Investment Properties
523 South Shore Center
Alameda, CA 94501

Subject: Chevron Service Station Underground Storage Tanks Removal Assessment

This letter presents the findings from our preliminary assessment of site conditions, regulatory status and requirements for removal of the underground storage tanks (USTs) at the Chevron Service Station located at 2340 Otis Drive in Alameda, California. The work was performed to assist Harsch Investment Properties (Harsch) plan for the future removal of the service station's USTs, piping and dispensing equipment to make way for the construction of a Walgreens store on the site. The work performed as described in this letter and findings are consistent with our proposal to Harsch dated November 12, 2003.

As proposed, Kleinfelder visited the Alameda County Department of Environmental Health (ACDEH) to review files for the site, review documents provided by Harsch, performed a site reconnaissance visit and inquired with regulatory staff at ACDEH concerning next steps for closure of the USTs at the site. Below is a summary of what was learned during each of these tasks:

Regulatory Agency File Review

On February 26, 2004 Kleinfelder reviewed environmental files at the ACDEH. These included permit and inspection files, Hazardous Materials Business Plan files, hazardous waste manifest files, a remedial investigation report file and ACDEH case handler's files. The following is a brief summary of activities and investigations performed since the current USTs were installed in 1991:

Files at the ACDEH relating to the site USTs date back to 1991. On February 14, 1991 the preexisting USTs at the site were removed and subsequently replaced under permit with the County. The USTs removed included three underground fuel storage tanks and one waste oil tank. During removal operations, a sheen of gasoline was observed on the ground water table that was reported to be 6.5 to 7 feet below ground surface (bgs). No holes were observed in the tanks, but up to 48,000 ug/l of total petroleum hydrocarbons as gasoline (TPHg) and up to 8,600 ug/l of benzene was reported in ground water. On February 22, 1991, an additional 2 to 3 feet of soil was removed from the sidewalls of the waste oil tank for offsite disposal. That excavation was performed up to the existing building. Also, on February 28, 1991 the product lines were removed and additional soil was excavated in the fuel dispenser area.

Following the excavation work, new double walled fiberglass tanks were placed in the excavations. The USTs installed include three 12,000 fuel tanks and one waste oil tank (size not available) and new piping.

In October 1991 Geraghty Miller performed a site assessment for Chevron. The assessment included the installation of four monitoring wells. At the time, ground water was reported to flow to the south west (toward San Francisco Bay). When initially sampled, MW-1 and MW-3 were not found to contain TPHg, aromatic hydrocarbons (BTEX) or organic lead in the ground water samples. However, ground water from MW-2 was found to contain TPHg (430 ug/l), benzene (170 ug/l), toluene (0.9 ug/l), ethylbenzene (1.0 ug/l), and xylenes (3.6 ug/l). Also, 0.6 ug/l of benzene was reported in MW-4. No TPH as diesel or oil and grease was reported in ground water at MW-4. Following discovery of petroleum hydrocarbons in ground water, Chevron began quarterly monitoring

In June 1994 ACDEH, in a letter to Chevron, requested that quarterly sampling continue and an assessment relative to oil and grease be performed. In September 1994, Chevron was asked to start monitoring for methyl tert butyl ether (MTBE). In December 1994, Weiss Associates prepared a report on behalf of Chevron titled *Comprehensive Site Evaluation and Proposed Future Action Plan*. In that report Weiss recommended that no further action be performed at the site as the petroleum hydrocarbons did not appear to be migrating (although no off site borings or wells were drilled to prove this assertion). Weiss suggested that the MTBE was from an off site source. In October 1994 MTBE was reported in MW-1 at 121 ug/l and in MW-2 at 2,900 ug/l. Following review of the MTBE data, ACDEH in consultation with the Regional Water Quality Control Board required continued monitoring at the site.

In 1995, ACDEH agreed to a lower sampling frequency. In 1996 Chevron requested closure, but was not granted closure. In 1997 quarterly monitoring at the site resumed.

In 1997, Central Petroleum Maintenance Company, while servicing a hoist in lubrication bay 4 discovered a 42 gallon UST. Central Petroleum filled the UST with sand and replaced it with an above ground tank. No record of an investigation related to this UST was found in the ACDEH files.

In January 1997, MTBE peaked for a second time in MW-2 at 1600 ug/l. In February 1998, MTBE peaked in ground water from MW-1 at 1700 ug/l.

In September 2002, notice of violations were issued to Chevron related to incomplete documentation for their unauthorized release alarms, a pattern of overfilling the tanks, not monitoring the secondary containment of the oil tank, and product sensors not positioned correctly. Chevron reportedly corrected these problems.

The last round of ground water sampling data currently available to Kleinfelder (February 2003) is attached in Appendix A. These water quality data are summarized below. Chemical concentrations reported below are in ug/l:

	<u>TPHg</u>	<u>MTBE</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>
MW-1	300	650/780	<0.5	<0.5	<0.5	<1.5
MW-2	80	190/200	<0.5	<0.5	<0.5	<1.5
MW-3	<50	82/88	<0.5	<0.5	<0.5	<1.5
MW-4	<50	<2.5/<0.5	<0.5	<0.5	<0.5	<1.5

The MTBE concentrations in monitoring wells MW-1, MW-2 and MW-3 exceed the RWQCB's Environmental Screening Levels (ESL) for ground water (5 ug/l). The TPHg concentration in well MW-1 also exceeds the RWQCB ESLs (100 ug/l). ESLs are not cleanup criteria, but were developed based on conservative assumptions to provide guidance as to when further investigation may be necessary at a site to protect human health and the environment or prevent nuisance problems. In some cases, they have become de facto cleanup levels for some local agencies.

Since 1991, depth to ground water in the monitoring wells has ranged from 2.64 to 5.82 feet. Ground water flow has varied significantly in direction over the years. In the limited record Kleinfelder has reviewed, the ground water has appeared to flow to the northeast, southeast, south, southwest, west and northwest.

Site Reconnaissance

Kleinfelder visited the site on February 26, 2004. The monitoring wells were located and appeared secure. The site appeared well maintained. Kleinfelder did not enter the building or remove well covers.

ACDEH UST Removal and Closure Requirements

Kleinfelder contacted Robert Weston and Donna Drogos of the ACDEH to discuss UST removal requirements and site remediation / closure requirements, respectively.

UST Removal and Closure

Mr. Weston handles permitting and UST removal inspection activities for ACDEH. Mr. Weston provided copies of relevant UST closure documents including an Underground Storage Tank Removal Process description, Underground Storage Tank Closure Plan form, Underground Storage Tank Inspection Checklist and an Underground Storage Tank fee schedule. Copies of these documents are attached in Appendix B. According to these documents, a plan and associated fees should be submitted within 60 days of carrying out the UST removal operation. Also, the Bay Area Air Quality Management District, the local Fire Department and Building Department must be contacted for applicable permits and provide for inspections. The ACDEH will observe and document the conditions of the USTs and soil during removal. Also, the ACDEH will direct the collection of closure soil and grab ground water samples for chemical

analyses. Following completion of the work a closure report should be submitted to the ACDEH.

Soil and Ground Water Remediation and Closure

Ms. Drogos is responsible for providing regulatory oversight for UST related cases in Alameda. In discussion with Ms. Drogos she indicated that she was aware of the pending closure at the Chevron Station but was not currently aware of the details concerning soil and ground water conditions at the site. She looked up the site in agency lists and indicated that the site is listed under the local oversight program (LOP 335).

Following a brief discussion of site conditions, Ms. Drogos indicated that in order to obtain closure, the responsible party (Chevron) will need to perform further source characterization at the site and assess the horizontal and vertical extent of the petroleum hydrocarbons. The source characterization may need to include depth discrete sampling possibly in transects to look for submerged non-aqueous phase liquids (NAPL). There may also be a need for off site investigation as the extent of the petroleum hydrocarbons is not known. Given the shallow water table (2.5 to 5.8 feet below ground surface) a preferential pathway investigation (e.g. evaluation of sewer or other utility corridors) may need to be performed.

Once the site is fully characterized, remedial options can be assessed. As MTBE is involved at this site, Ms. Drogos commented that monitored natural attenuation as a cleanup method may not be applicable (it doesn't breakdown readily). Other insitu methods can be performed, however the form and duration of such cleanup efforts is unknown at this time.

Recommendations

Kleinfelder makes the following recommendations at this time:

- Harsch should contact Chevron to inform them of your development time table and engage them to perform the necessary actions to achieve cleanup and closure. This should be done as soon as possible since certain characterization tasks that will be required by ACDEH will require time to be performed.
- Harsch should prepare a Underground Storage Tank Closure Plan for submittal to ACDEH for the removal of the USTs. A copy of the plan form is attached in Appendix B. That plan should be submitted at least 60 days prior to planned excavation and removal in order that delays in approval do not impact the development schedule. The plan should include procedures for handling and disposal of impacted soil and ground water.
- Harsch should be prepared to remove the 42 gallon UST identified in 1997 (see above). Although the existence of this small tank was made known to the ACDEH, removal of it should be described in the Underground Storage Tank Closure Plan noted above. Harsch

should also plan for the contingency that hydrocarbon-impacted soil may be encountered when this tank is removed.

We appreciate the opportunity to provide services to Harsch Investment Properties. If you have any questions, please do not hesitate to call.

Sincerely,

KLEINFELDER INC.



Charles Almestad R.G., C.HG.
Senior Client Manager



Terence McManus REA
Bay Area Environmental Manager

cc: Marie Angeles, Harsch Investment Properties
Steven Fogarty, Harsch Investment Properties

Attachments:

- Appendix A First Quarter Event of February 3, 2003, Ground Water Monitoring and Sampling Report
- Appendix B Alameda County Department of Environmental Health Underground Storage Tank Removal Process Documents



GETTLER - RYAN INC.

March 10, 2003
G-R Job #386502

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

RE: First Quarter Event of February 3, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, 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.

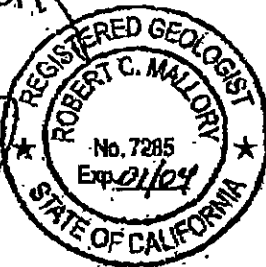
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285



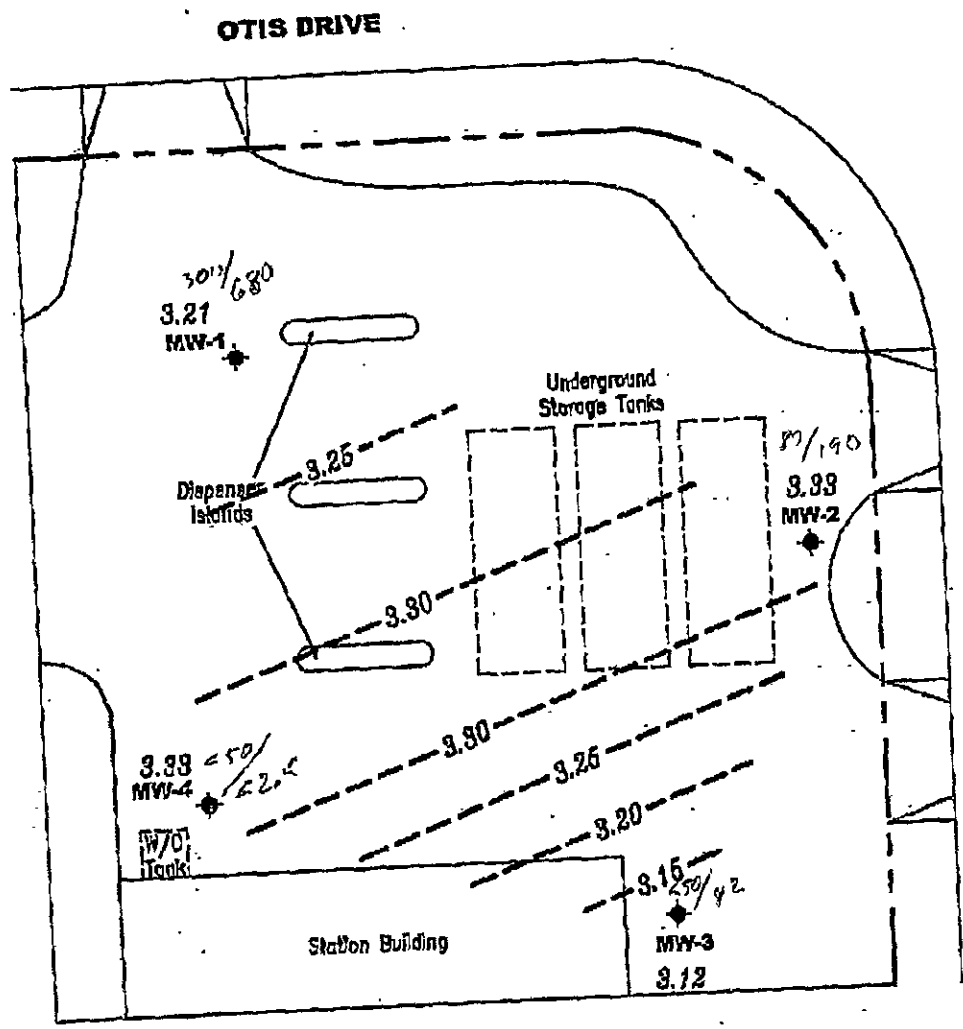
- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Groundwater Analytical Results - Oxygenate Compounds
- Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

- ◆ Groundwater monitoring well
- 98.89 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred

Groundwater flow direction varies at a gradient of 0.002 to 0.005 FL/FT.

TPH_g/MTBE



Source: Figure modified from drawing provided by Gettler - Ryan Inc.

GA GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94588 (925) 551-7555

POTENTIOMETRIC MAP
 Chevron Service Station #9-6607
 2340 Otis Drive
 Alameda, California

PROJECT NUMBER
386502

REVIEWED BY

DATE
 February 3, 2003

REVISED DATE

FILE NAME: P:\ENVIRO\CHEVRON\9-6607\003-9-6607.DWG | Layout Tab: Pot

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Chevron Service Station #9-6607
 2340 Otis Drive
 Alameda, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	05/22/02	<500	<100	1,000	Δ	Δ	410	Δ	Δ
	08/15/02	<500	<100	850	Δ	Δ	290	Δ	Δ
	11/14/02	<500	<100	290	Δ	Δ	83	Δ	Δ
	02/03/03	<50	24	780	<0.5	<0.5	240	<0.5	<0.5
MW-2	05/22/02	<500	130	300	Δ	Δ	28	Δ	Δ
	08/15/02	<500	<100	290	Δ	Δ	23	Δ	Δ
	11/14/02	<500	<100	120	Δ	Δ	7	Δ	Δ
	02/03/03	<50	55	200	<0.5	<0.5	22	<0.5	<0.5
MW-3	11/14/02	<500	<100	Δ	Δ	Δ	Δ	Δ	Δ
	02/03/03	<50	Δ	88	<0.5	<0.5	1	<0.5	<0.5
MW-4	02/03/03	<50	Δ	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

EXPLANATIONS:

TBA = Tertiary butyl alcohol
 MTBE = Methyl tertiary butyl ether
 DIPE = Di-isopropyl ether
 ETBE = Ethyl tertiary butyl ether
 TAME = Tertiary amyl methyl ether
 1,2-DCA = 1,2-Dichloroethane
 EDB = 1,2-Dibromoethane
 (ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID	DATE	DEPTH (ft)	TEMP (°C)	PH	TOC (ppb)	THP (ppb)	THP (ppb)	THP (ppb)	THP (ppb)	THP (ppb)	THP (ppb)	THP (ppb)
MW-1 (cont)	10/02/00 ¹¹	4.03	2.89	--	120 ¹⁰	<0.50	<0.50	<0.50	<0.50	<0.50	520	--
	01/09/01	4.07	2.85	--	<250	<2.5	<2.5	<2.5	<2.5	<2.5	510	--
	04/09/01	3.57	3.35	--	120	<0.500	<2.00	<0.500	<2.00	<0.500	683	--
	08/23/01	3.90	3.02	--	<50	<0.50	<0.50	<0.50	<0.50	<1.5	350	--
	11/27/01	3.90	3.02	--	270	<0.50	<0.50	<0.50	<0.50	<1.5	280	--
	02/26/02	3.51	3.41	--	820	<0.50	<0.50	<0.50	<0.50	<1.5	1,600	--
	05/22/02	3.78	3.14	--	350	<0.50	<0.50	<0.50	<0.50	<1.5	1,100/1,000 ¹²	--
	08/15/02	4.01	2.91	--	460	<0.50	<0.50	<0.50	<0.50	<1.5	820/850 ¹²	--
	11/14/02	3.91	3.01	--	100	<0.50	<0.50	<0.50	<0.50	<1.5	310/290 ¹²	--
	02/03/03	3.71	3.21	--	300	<0.50	<0.50	<0.50	<0.50	<1.5	650/780 ¹²	--
MW-2 7.43	08/21/91	6.40	1.03	--	430	170	0.9	1.0	3.6	--	--	<5,000
	01/09/92	4.23	3.20	--	58	16	<0.5	<0.5	<0.5	--	--	--
	04/20/92	4.17	3.26	--	180	9.6	<0.5	0.8	<0.5	--	--	--
	07/25/92	4.47	2.96	--	220	8.0	0.7	4.0	8.6	--	--	--
	11/24/92	5.82	1.61	--	72	3.2	<0.5	0.5	0.6	--	--	--
	01/21/93	3.35	4.08	--	<50	0.8	<0.5	<0.5	<0.5	0.6	--	--
	04/13/93	4.02	3.41	--	78	<0.5	<0.5	<0.5	<0.5	0.6	--	--
	07/14/93	4.49	2.94	--	<50	<0.5	0.9	<0.5	0.6	--	--	--
	10/26/93	4.56	2.87	--	<50	<0.5	1.0	<0.5	<0.5	0.8	--	--
	01/11/94	4.39	3.04	--	<50	0.5	<0.5	<0.5	0.6	--	--	--
	03/31/94	4.18	3.25	--	<50	<0.5	<0.5	<0.5	0.6	--	--	--
	07/14/94	4.90	2.53	--	<50	<0.5	<0.5	<0.5	<0.5	2,900	--	--
	10/12/94 ²	4.54	2.89	--	<50	<0.5	<0.5	<0.5	<0.5	2,500	--	--
	01/11/95	3.26	4.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
	04/05/95 ³	3.65	3.78	--	<50	<2.5	<2.5	<2.5	<2.5	1,100	--	--
	07/13/95	4.31	3.12	--	<250	<0.5	1.9	0.54	3.4	280	--	--
	10/05/95	4.68	2.75	--	<50	<0.5	<5.0	<5.0	<5.0	1,000	--	--
10/03/96	4.80	2.63	--	<500	<5.0	<5.0	<5.0	<5.0	1,300/1,600 ⁴	--	--	
01/22/97	3.36	4.07	--	540 ⁷	<5.0	<5.0	<5.0	<5.0	970	--	--	
04/09/97	4.25	3.18	--	<500	<5.0	<5.0	<5.0	<5.0	710	--	--	
07/09/97	4.48	2.95	--	<125	<1.2	<1.2	<1.2	<1.2	--	--	--	

As of 02/03/03

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID	DATE	DISV (mg)	GWV (mg)	THP (ppb)	PH/C (ppb)	P (ppb)	T (ppb)	SP (ppb)	COB (ppb)	COB (ppb)	COB (ppb)	
MW-3 (cont)	01/11/94	5.22	2.85	--	<50	<0.5	1.0	<0.5	<0.5	--	--	
	03/31/94	4.99	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	07/14/94	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	10/12/94	5.02	3.05	--	<50	<0.5	<0.5	<0.5	0.7	<5.0	--	
	01/11/95	4.35	3.72	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
	04/05/95 ³	2.64	5.43	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	07/13/95	5.13	2.94	--	<50	<0.5	1.2	<0.5	<0.5	--	--	
	10/05/95	5.46	2.61	--	<50	<0.5	1.2	0.53	2.5	<2.5	--	
	10/03/96	5.53	2.54	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
	01/22/97	4.62	3.45	--	<50	<0.5	--	--	--	--	--	
	04/09/97 ⁶	5.05	2.95	SAMPLED ANNUALLY			--	--	--	--	--	--
	07/09/97	5.14	2.86	--	--	--	--	--	--	--	--	
	10/16/97	5.20	2.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	
	01/08/98	4.75	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	9.3	
	04/24/98	4.73	3.27	--	--	--	--	--	--	--	--	
	07/15/98	5.07	2.93	--	--	--	--	--	--	--	--	
	10/27/98	5.24	2.76	--	--	--	--	--	--	--	--	
	01/20/99	5.18	2.82	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	42.2	
	04/19/99	4.26	3.74	--	--	--	--	--	--	--	--	
	07/29/99	5.18	2.82	--	--	--	--	--	--	--	--	
10/25/99	5.27	2.73	--	--	--	--	--	--	--	--		
01/24/00	4.22	3.78	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	71.1		
04/03/00	4.90	3.10	--	--	--	--	--	--	--	--		
NP	07/03/00	5.25	2.75	--	--	--	--	--	--	--	--	
	10/02/00	5.29	2.71	--	--	--	--	--	--	--	--	
	01/09/01	5.27	2.73	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	120	
	04/09/01	4.81	3.19	--	--	--	--	--	--	--	--	
	08/23/01	5.24	2.76	--	--	--	--	--	--	--	--	
	11/27/01	5.14	2.86	SAMPLED ANNUALLY			--	--	--	--	--	--
	02/26/02	4.78	3.22	--	<50	<0.50	<0.50	<0.50	<1.5	<1.5	190	
	05/22/02	5.03	2.97	SAMPLED ANNUALLY			--	--	--	--	--	--
	08/15/02	5.27	2.73	SAMPLED ANNUALLY			--	--	--	--	--	--
	11/14/02	5.08	2.92	--	<50	<0.50	<0.50	<0.50	<1.5	<1.5	<2.5/<2 ¹⁷	
02/03/03	4.88	3.12	--	<50	<0.50	<0.50	<0.50	<1.5	<1.5	82/88 ¹²		

As of 02/03/03

TABLE 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID	DATE	DEPTH (ft)	TEMP (°F)	PH	THALIC (ppb)	1,1-DICHL (ppb)	1,1-DIB (ppb)	1,1-DIB (ppb)	1,1-DIB (ppb)	1,1-DIB (ppb)	TOC (ppb)	
MW-4 7.85	08/21/91	6.85	1.00	--	<50	0.6	<0.5	<0.5	<0.5	--	<5,000	
	01/09/92	4.70	3.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000	
	04/20/92	4.64	3.21	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000	
	07/25/92	4.95	2.90	78	<50	0.5	1.1	<0.5	0.8	--	--	
	11/24/92	5.42	2.43	--	<50	<0.5	<0.5	<0.5	1.0	--	<5,000	
	01/21/93	4.07	3.78	<10	<50	<0.5	0.5	<0.5	0.7	--	--	
	04/13/93	4.45	3.40	<10	<50	<0.5	<0.5	<0.5	1.0	--	--	
	07/14/93	4.90	2.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	10/26/93	4.95	2.90	--	<50	2.0	3.0	2.0	3.0	--	--	
	01/11/94	4.77	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	03/31/94	4.65	3.20	--	<50	<0.5	<0.5	<0.5	1.0	--	--	
	07/14/94	5.05	2.80	--	<50	0.9	1.2	<0.5	2.0	--	--	
	10/12/94	4.88	2.97	--	<50	<0.5	0.9	<0.5	0.7	--	--	
	01/11/95	4.00	3.85	--	<50	<0.5	0.8	0.7	1.5	<5.0	--	
	04/05/95 ¹	4.22	3.61	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	<5,000	
	07/13/95	4.71	3.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	10/05/95	5.02	2.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
	10/03/96	5.08	2.77	--	100	5.5	5.6	2.5	12	<2.5	--	
	01/22/97	4.28	3.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
	04/09/97	4.60	3.25	SAMPLED ANNUALLY								
	07/09/97	4.79	3.06	--	--	--	--	--	--	--	--	
	10/16/97	4.81	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.7	
	01/08/98	4.37	3.48	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	
	04/24/98	4.34	3.51	--	--	--	--	--	--	--	--	
	07/15/98	4.46	3.39	--	--	--	--	--	--	--	--	
	10/27/98	4.52	3.33	--	--	--	--	--	--	--	--	
	01/20/99	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	
	04/19/99	4.07	3.78	--	--	--	--	--	--	--	--	
04/19/99	4.87	2.98	--	--	--	--	--	--	--	--		
10/25/99	4.90	2.93	--	--	--	--	--	--	--	--		
01/24/00	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--		
04/03/00	4.38	3.47	--	--	--	--	--	--	--	--		
NP 07/03/00	4.88	2.97	--	--	--	--	--	--	--	--		
10/02/00	4.89	2.96	--	--	--	--	--	--	--	--		

Table 1
 Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-6607
 2340 Otis Drive
 Alameda, California

WELL ID	DATE	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
TB-LB	07/29/99	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
(cont)	10/25/99	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	01/24/00	-	-	-	-	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	07/03/00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/02/00	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	01/09/01	-	-	-	-	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500
	04/09/01	-	-	-	-	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	08/23/01	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA	11/27/01	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/26/02	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/22/02	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	08/15/02	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	11/14/02	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/03/03	-	-	-	-	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean sea level

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

NP = No Purge

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

TOC elevations are relative to msl.

Laboratory report indicates Volatile Organic Compounds (VOCs) were <5.0- <50 ppb.

Laboratory report indicates VOCs were <50- <500 ppb.

Laboratory report indicates Polynuclear Aromatics (PNAs) were <5.0 ppb.

Laboratory report indicates VOCs were <5.0 ppb.

Confirmation of MTBE.

Wellhead elevation altered due to maintenance.

Chromatogram pattern indicates an unidentified hydrocarbon.

No value for MTBE could be determined; see laboratory report.

Laboratory report indicates gasoline C6-C12.

Laboratory report indicates unidentified hydrocarbons C6-C12.

Laboratory report indicates this sample was analyzed outside the EPA recommended holding time.

MTBE by EPA Method 8260.