ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

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

January 5, 2007

Chevron Texaco
Mr. Dana Thurman
6001 Bollinger Canyon Rd., Rm. K2236
San Ramon, CA 94583

Dear Mr. Thurman:

Subject: Fuel Leak Site Case Closure Chevron Station #9-3283, 3005 Grove Way, Castro Valley, CA, 94546; Case No. RO0002607

This letter confirms the completion of a site investigation and remedial action for the underground storage tank investigation formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Ariu Levi
Director
Alameda County Environmental Health

Alameda County Environmental Health

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK - LOCAL OVERSIGHT PROGRAM

I. AGENCY INFORMATION

Date: 11/3/06

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6765
Responsible Staff Person: Barney Chan	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Chevron Station #9-3283		
Site Facility Address: 3005 Grove Way, Castro Valley, CA 94546		
RB Case No.: ---	Local Case No.: ---	LOP Case No.: RO0002607
URF Filing Date: ---	SWEEPS No.: ---	APN: 417-10-23-2

Responsible Parties	Addresses	Phone Numbers
Chevron Texaco, c/o Mr. Dana Thurman	6001 Bollinger Canyon Rd., Rm K2236 San Ramon, CA 94583	925-842-9559

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
---	----	---	---	---
Piping			----	---

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: unknown		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? No	Number: ---	Proper screened interval? ---
Highest GW Depth Below Ground Surface: 30' bgs in borings	Lowest Depth: 55' bgs in borings	Flow Direction: presumed sw as determined @ARCO station at 22141 Center St. ~400'sw of site
Most Sensitive Current Use: Potential drinking water source.		

Summary of Production Wells in Vicinity: no municipal wells identified within a ½ mile radius of site	
Are drinking water wells affected? No	Aquifer Name: Castro Valley basin
Is surface water affected? No	Nearest SW Name: San Lorenzo creek is located ~900' SE of site
Off-Site Beneficial Use Impacts (Addresses/Locations): none	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	----	---	----
Piping	--	---	---
Free Product	---	---	---
Soil	---	---	---
Groundwater	--	---	---

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	<1.0	<1.0	<50	<50
TPH (Diesel)	---	---	---	---
Oil & Grease	---	---	---	---
Benzene	<0.001	<0.001	3	3
Toluene	<0.001	<0.001	2	2
Ethylbenzene	<0.001	<0.001	<0.5	<0.5
Xylenes	<0.001	<0.001	0.8	0.8
Heavy Metals	---	---	--	--
MTBE *	<0.001	<0.001	13	13
Other (8240/8270)	----	----	--	--

* NA ppb TAME, NA ppb ETBE, NA ppb DIPE, NA ppb TBA, NA EtOH ppb, NA ppb EDB, and NA ppb EDC

Site History and Description of Corrective Actions:

The site is located on the southeast corner of the intersection of Grove Way and Center Street in Castro Valley. The area is mixed commercial and residential. See Attachment 1. The operating service station has done so since 1969. No records exist for the removal of the first generation fuel tanks, however, the operator of the station from 1969-1980 stated that new tanks were installed in the same pit as the first generation tanks in 1982. These same tanks are being operated today.

In 1990, the property owner stated in correspondence to Chevron, that the product lines were removed and replaced in August 1990. Some hydrocarbon impacts were noted, soil was removed to "below regulatory levels". No report for these actions can be found, so it is unclear what and where the contaminants were.

A baseline soil and groundwater investigation was performed at the site on November 2003. Six borings, B1 through B6, were drilled at the site to depths between 30.5 and 55' bgs. Three-four soil samples from varying depths were taken from each borehole and grab groundwater samples collected from borings B1-B5. Soil and groundwater samples were analyzed for TPHd, BTEX and MTBE. Groundwater was encountered from 30-55' bgs. No TPHg, BTEX and MTBE were detected in any of the soil samples. Groundwater samples detected up to < 50 ppb TPHg, 3 ppb benzene, 2 ppb toluene, 0.8 ppb xylenes and 13 ppb MTBE. It is noted that all detections were in those samples down-gradient of the USTs. The borings were located down-gradient of the former waste oil tank, the existing USTs and the dispenser islands. Based upon the absence of petroleum contaminants in the soil samples and the low levels of chemicals in groundwater, site closure is recommended. See Attachment 3 for site map, sample locations, analytical data and boring logs.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes No		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes No		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: none		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: ---
Monitoring Wells Decommissioned: NA	Number Decommissioned: NA	Number Retained: NA
List Enforcement Actions Taken: none		
List Enforcement Actions Rescinded: none		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

- No report exist for the product line release which occurred in 1990
- Baseline investigation performed in 2003 failed to run soil and water samples for oxygenates TAME, ETBE, DIPE, TBA and the lead scavengers, EDB and EDC.

Conclusion:

This site is an active gasoline fueling facility. Alameda County Environmental Health staff do not believe a significant threat to groundwater exists at this site. Borings in the vicinity of the former gasoline USTs and islands detected only low levels of residual petroleum hydrocarbon pollution in groundwater at the site. It is anticipated that bioremediation and attenuation process over time will be effective in reducing residual pollution remaining at this site. ACEH staff recommend closure for this site

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney M. Chan	Title: Hazardous Materials Specialist
Signature: Barney M Chan	Date: 11-3-06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date: 11/28/06

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date:

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: NA	Number Retained: NA
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature: NA Barney Chan		Date: NA 11/30/06

Attachments:

1. Site Vicinity Map
2. Site map, sample locations, analytical data and boring logs- 11/03 Baseline Study

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barney M. Chan	Title: Hazardous Materials Specialist
Signature: Barney M Chan	Date: 11-3-06
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature:	Date: 11/28/06

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB:
Signature:	Date: 1/3/07

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: NA	Number Retained: NA
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells:		
ACEH Concurrence - Signature: NA Barney Chan		Date: NA 11/30/06

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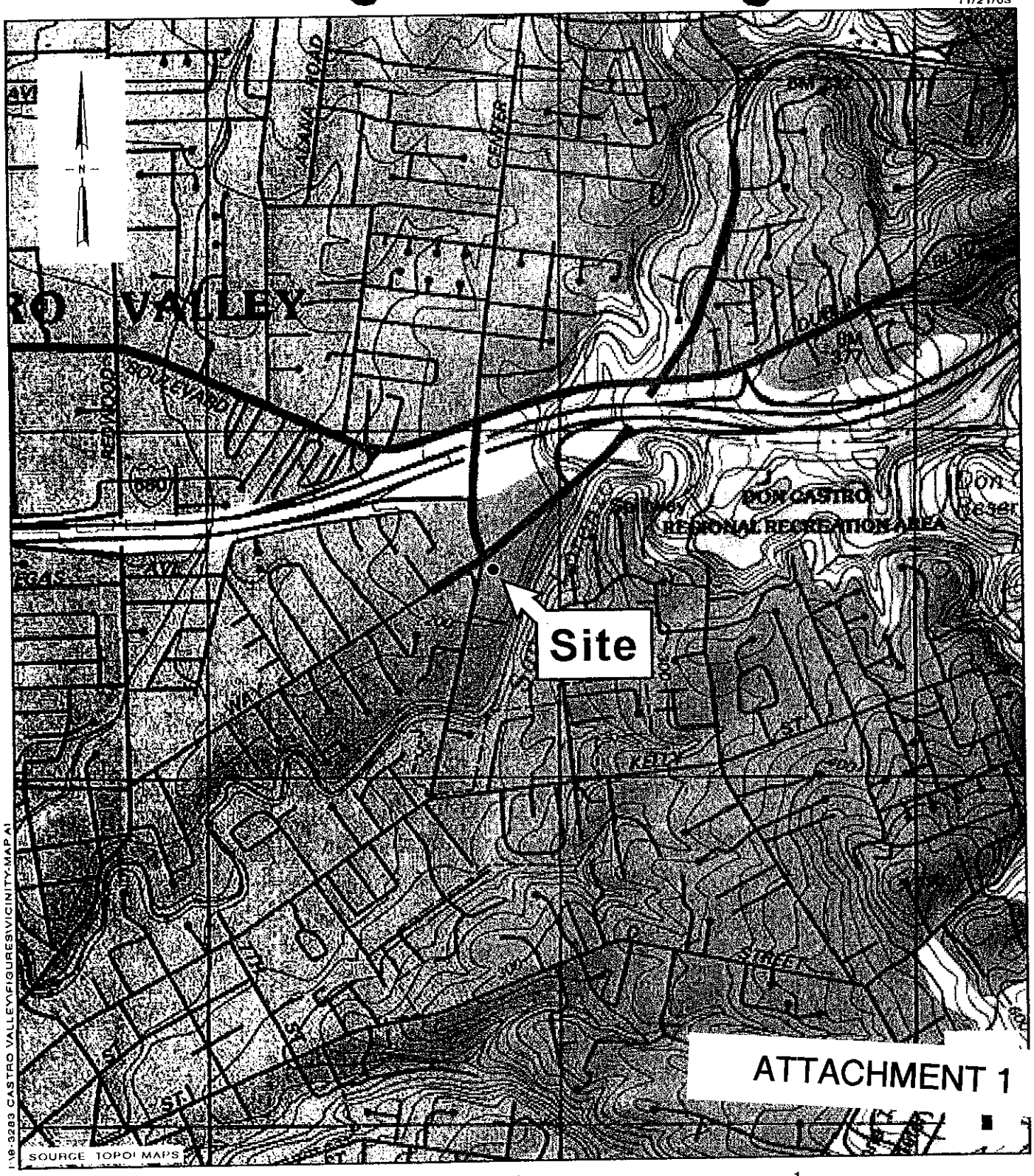
Post-it® Fax Note	7671	Date 1/3/07	# of pages ▶ 1
To Barney Chan		From Cherie McCaulou	
Co./Dept. ACEH		Co. RWQCB	
Phone # 510.567.6765		Phone # 510 622 2342	
Fax # (510) 337-9335		Fax # 622 2464	

11/21/03



ATTACHMENT 1

I:\9-3283 CASTRO VALLEY\FIGURES\VICINITY-MAP.AI

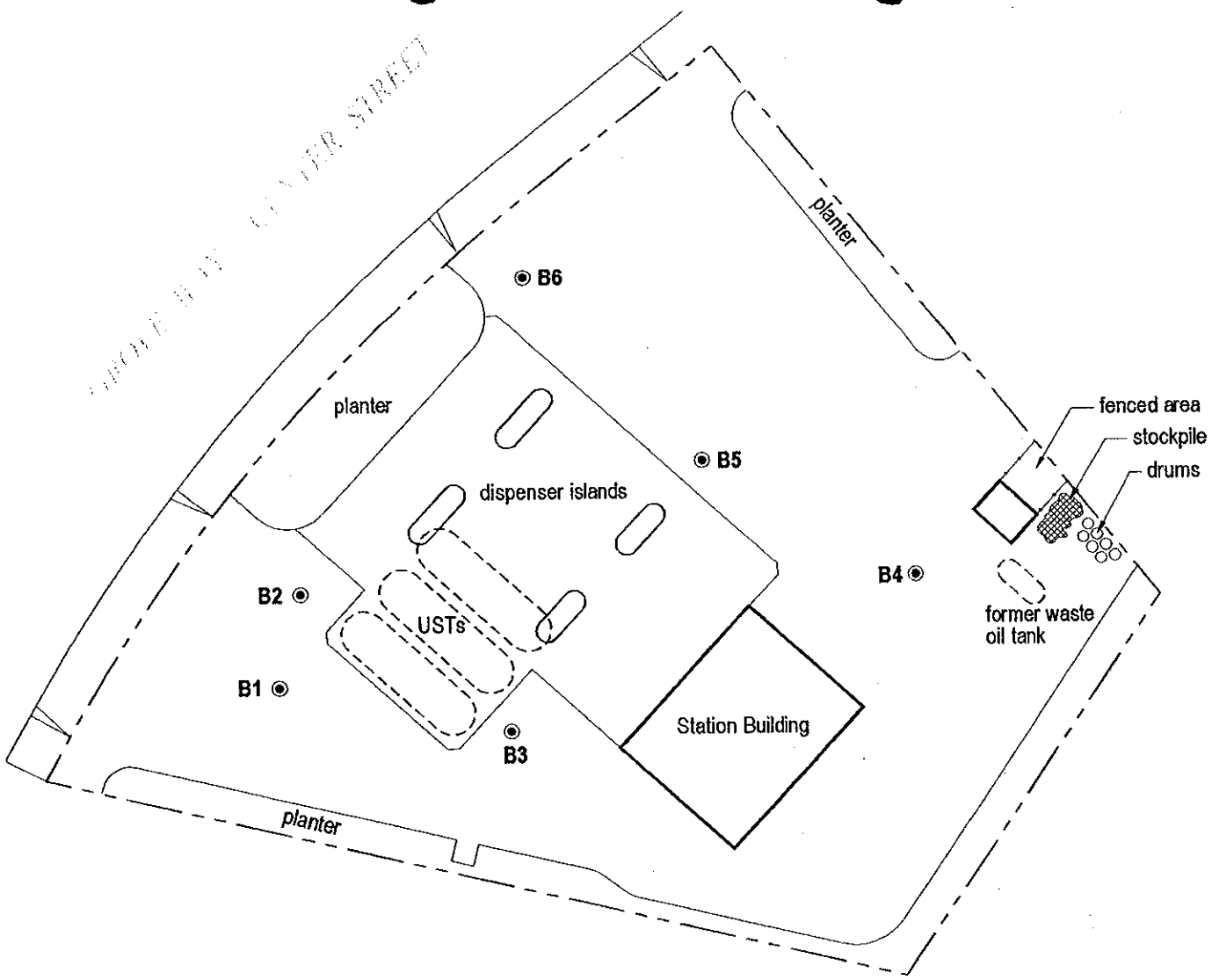
Chevron Service Station 9-3283

3005 Grove Way

Castro Valley, California

CAMBRIA

Vicinity Map



I:\9-3283 CASTRO VALLEY\FIGURES\SITEPLAN.DWG

EXPLANATION

B1 ◉ Soil boring location

N

0 15 30

Scale (ft)

ATTACHMENT 2

Site Plan

Chevron Service Station 9-3283

3005 Grove Way

Castro Valley, California

CAMBRIA

Table 1. Analytic Results for Soil Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample ID	Sample Depth (ft)	Sample Date	TPHg	B	T	E	X	MTBE
			Concentrations reported in milligrams per kilogram - mg/kg = parts per million					
B1	16	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	20.5	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	30.5	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B1	50	11/19/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	15.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	20.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	31	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	41	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B2	46	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	15.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	21	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	30.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B3	36	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	10.5	11/20/2003	<10.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	16	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	20.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B4	30.5	11/20/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	11	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	21	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	26	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B5	30.5	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	11	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	21	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001
B6	31	11/21/2003	<1.0	<0.001	<0.001	<0.001	<0.001	<0.001

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

Table 2. Analytic Results for Groundwater Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample ID	Sample Date	TPHg	B	T	E	X	MTBE
		Concentrations reported in micrograms per liter - µg/l = parts per billion					
B1 @ 45'	11/20/2003	<50	1	<0.5	<0.5	<0.5	9
B2 @ 45'	11/20/2003	<50	3	2	<0.5	0.8	13
B3 @ 55'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5
B4 @ 36'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5
B5 @ 31'	11/20/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B1
JOB/SITE NAME	9-3283	**DRILLING STARTED**	19-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	19-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	45.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.	8.0	
0	8 10 12	B1@10 .5		10	ML		**Clayey SILT** : Brownish orange; moist; moderately stiff; 70% silt, 25% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	10 11 12	B1@16		15	ML		**Clayey SILT** : Light brownish orange; dry; moderately stiff; 65% silt, 20% clay, 15% sand; low plasticity; moderate estimated permeability.	15.5 17.0	
0	11 12 14	B1@20 .5		20	ML		**Clayey SILT** : Light brownish orange; dry; moderately stiff; 65% silt, 20% clay, 15% sand; low plasticity; moderate estimated permeability.	20.0 21.5	
0	6 8 12	B1@25 .5		25	SM		**Silty SAND** : Orange brown; dry; very loose; 50% silt, 50% sand; no plasticity; moderate to high estimated permeability.	25.0 26.5	Portland Type I/II
0	15 20 25	B1@30 .5		30	ML		**Clayey SILT** : Orange brown; dry; moderately soft; 60% silt, 20% clay, 10% sand, 10% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME Chevron Products Company
JOB/SITE NAME 9-3283
LOCATION 3005 Grove Way, Castro Valley

BORING/WELL NAME B1
DRILLING STARTED 19-Nov-03
DRILLING COMPLETED 19-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	50/5"	B1@35 .5			ML		**Clayey SILT** : Light yellow brown; dry and powdery; very stiff; 50% silt, 40% clay, 10% sand; low to moderate plasticity; low estimated permeability.	36.5	
								40.0	
	50/3"			40			Interpreted as Siltstone BEDROCK.	41.5	
	50/2"			45			Interpreted as Siltstone BEDROCK.	46.0	
								47.5	
								49.5	
0	50/2"	B1@50		50			Same as above.	50.0	Bottom of Boring @ 50 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B2
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	45.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA

REMARKS

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
0	5, 5, 9	B2@10 .5		10	ML		**Clayey SILT**: Brownish orange; moist; moderately stiff; 80% silt, 15% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	8, 8, 10	B2@15 .5		15	ML		**Sandy SILT**: Dark brownish orange; dry; moderately stiff; 70% silt, 15% clay, 15% sand; low plasticity; moderate estimated permeability.	15.5 17.0	
0	7, 7, 8	B2@20 .5		20	ML		**Sandy SILT**: Brownish orange; dry; moderately stiff; 70% silt, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	20.0 21.5	
0	9, 9, 13	B2@25 .5		25	ML		**Sandy SILT**: Orangish brown; dry; very loose; 50% silt, 40% sand, 10% clay; no plasticity; moderate to high estimated permeability.	25.0 26.5	Portland Type I/II
0	39, 50	B2@31		30	ML		**Clayey SILT w/gravel**: Dark brown; moist; loose; 40% silt, 20% clay, 20% sand, 20% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B2
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
0	50	B2@36			ML		**Clayey SILT**: Lt. Yellow brown; dry; very stiff; 60% silt, 25% clay, 10% gravel, 5% sand; low plasticity; moderate estimated permeability.	36.5	
				40				40.0	
0	50	B2@41			ML		**Clayey SILT**: Light yellow brown; dry and powdery; very stiff; 40% silt, 40% clay, 10% sand, 10% gravel; low to moderate plasticity; moderate estimated permeability.	41.5	
				45			▽	46.0	
0	50	B2@46					Interpreted as Siltstone BEDROCK.	47.5	
				50				50.0	
	50	B2@51					Interpreted as Siltstone BEDROCK.	51.0	Bottom of Boring @ 51 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B3
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	55.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
0	9 9 12	B3@10 .5		10	ML		**Gravelly SILT**: Brown; dry; moderately loose; 60% silt, 30% gravel, 10% sand; low plasticity; moderate estimated permeability.	10.0 11.5	
0	32 50	B3@15 .5		15	ML		**Sandy SILT**: Dark brown; dry; moderately stiff; 40% silt, 30% gravel, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	15.5 17.0	
0	26 50	B3@21		20	ML		**Clayey SILT**: Dark orange; dry; moderately stiff; 60% silt, 30% clay, 10% sand; moderate plasticity; moderate estimated permeability.	20.0 21.5	
0	11 17 20	B3@25 .5		25	ML		**Clayey SILT**: Dark orange; dry; moderately stiff; 60% silt, 20% clay, 15% sand, 5% gravel; low plasticity; moderate estimated permeability.	25.0 26.5	Portland Type I/II
0	39 50	B3@30 .5		30	ML		**Sandy SILT**: Dark brown; moist; loose; 40% silt, 30% clay, 15% sand, 15% gravel; no plasticity; moderate estimated permeability.	30.0 31.5	
				35				35.0	

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B3
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Interpreted as Siltstone BEDROCK.		
0	50	B3@36						36.5	
				40			Interpreted as Siltstone BEDROCK.	40.0	
0	50	B3@41						41.5	
				45					
0	50	B3@46					Same as above.	46.0	
								47.5	
				50			Same as above.	50.5	
		B3@51						52.0	
								54.5	
				55			Same as above.	55.0	Bottom of Boring @ 55 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B4
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	30.5 fbg (20-Nov-03) ▽
REVIEWED BY	B. Foss RG# 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
			0		Cleared to 8 fbg with water knife.	
			5			8.0
0	5, 5, 5	B4@10 .5	10	ML	**Clayey SILT** : Light brown; moist; moderately soft; 80% silt, 15% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0 11.5
			15		Only one sample tube recovered; very rocky.	15.0
	50	B4@16				16.5
0	10, 10, 10	B4@20 .5	20	ML	**Sandy SILT** : Brownish orange; dry; moderately stiff; 60% silt, 20% sand, 15% clay, 5% gravel; no plasticity; moderate estimated permeability.	20.0 21.5
0	28, 50	B4@25 .5	25	ML	**Sandy SILT** : Orangish brown; dry; moderately loose; 65% silt, 20% sand, 10% gravel, 5% clay; no plasticity; moderate to high estimated permeability.	25.0 26.5
0		B4@30 .5	30	ML	**Clayey SILT** : Brownish yellow; wet; moderately loose; 60% silt, 30% clay, 5% sand, 5% gravel; low plasticity; moderate estimated permeability. ▽	30.0 31.5
			35			35.0

WELL DIAGRAM: Portland Type I/II

WELL LOG (PID) I:\9-4587 OAKLAND\GINTB1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B4
JOB/SITE NAME	9-3283	**DRILLING STARTED**	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	20-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
		B4@36			CL		**Silty CLAY** : Light yellow; dry; very stiff; 60% clay, 35% silt, 5% sand; low plasticity; moderate estimated permeability.	36.0	Bottom of Boring @ 36 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B5
JOB/SITE NAME	9-3283	**DRILLING STARTED**	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	21-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25"	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	30.5 fbg (21-Nov-03) ▽
REVIEWED BY	B. Foss, RG # 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				0			Cleared to 8 fbg with water knife.		
				5				8.0	
				10	ML		**Clayey SILT**: Light brown; dry; moderately firm; 90% silt, 5% clay, 5% sand; low plasticity; moderate estimated permeability.	10.0	
0		B5@11						11.5	
				15				15.5	Portland Type I/II
0	7 8 12	B5@16			ML		**Sandy SILT**: Brownish orange; dry; moderately firm; 80% silt, 15% sand, 5% clay; low plasticity; moderate estimated permeability.	17.0	
				20				20.0	
0	5 7 11	B5@21			ML		**Sandy SILT**: Brownish orange; dry; moderately firm; 80% silt, 15% sand, 5% clay; low plasticity; moderate estimated permeability.	21.5	
				25				25.0	
	9 9 13	B5@26			ML		**Sandy SILT**: Dark orange; moderately moist; moderately loose; 70% silt, 20% sand, 10% clay; no plasticity; moderate to high estimated permeability.	26.5	
				30				30.0	
0	11 19 28	B5@30.5			SP		**Gravelly SAND**: Brownish orange; wet; loose; 50% sand, 30% gravel, 15% silt, 5% clay; no plasticity; moderate estimated permeability. ▽	31.0	Bottom of Boring @ 31 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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BORING/WELL LOG

CLIENT NAME	Chevron Products Company	**BORING/WELL NAME**	B6
JOB/SITE NAME	9-3283	**DRILLING STARTED**	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	**DRILLING COMPLETED**	21-Nov-03
PROJECT NUMBER	41D-2024	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Woodward Drilling Co.	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	8.25	**SCREENED INTERVAL**	NA
LOGGED BY	M. Terry	**DEPTH TO WATER (First Encountered)**	31.0 fbg (21-Nov-03) ▽
REVIEWED BY	B. Foss, RG # 7445	**DEPTH TO WATER (Static)**	NA ▼
REMARKS			

PID (ppm)	BLOW COUNTS	SAMPLE ID	DEPTH (fbg)	U.S.C.S.	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)
			0		Cleared to 8 fbg with water knife.	
			5			8.0
0		B6@11	10	ML	**Sandy SILT** : Brownish orange; dry; moderately soft; 85% silt, 15% sand; no plasticity; moderate estimated permeability.	10.0 11.5
	11 11 13	B6@16	15	SM	**Silty SAND** : Brownish orange; dry; very loose; 90% sand, 10% silt; no plasticity; high estimated permeability.	15.5 17.0
0	4 4 6	B6@21	20	ML	**Sandy SILT** : Light brown; dry; moderately loose; 70% silt, 15% sand, 15% clay; low plasticity; moderate estimated permeability.	20.0 21.5
	9 18 24	B6@26	25	ML	**Sandy SILT** : Light brown; dry; moderately loose; 70% silt, 20% sand, 10% clay; low plasticity; moderate estimated permeability.	25.0 26.5
0	45 50	B6@31	30	ML	**Clayey SILT** : Brown; wet; moderately dense; 55% silt, 25% clay, 15% sand, 5% gravel; moderate plasticity; moderate estimated permeability. ▽	30.0 31.5
			35			35.0

WELL DIAGRAM: Portland Type I/II

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

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Cambria Environmental Technology, Inc.
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BORING/WELL LOG

CLIENT NAME Chevron Products Company
JOB/SITE NAME 9-3283
LOCATION 3005 Grove Way, Castro Valley
BORING/WELL NAME B6
DRILLING STARTED 21-Nov-03
DRILLING COMPLETED 21-Nov-03

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
	50	B6@36			ML		Same as above.	36.0	Bottom of Boring @ 36 ft

WELL LOG (PID) I:\9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

7

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

August 18, 2006

Mr. Dana Thurman
Chevron Environmental Management Company
6001 Bollinger Canyon Rd., Room K2236
San Ramon, CA 94583

Dear Mr. Thurman:

Subject: Fuel Leak Case RO00002607, Chevron #9-3283, 3005 Grove Way, Castro Valley, CA

Alameda County Environmental Health (ACEH) staff has reviewed the file for the subject site and has determined that additional information is required prior to closing this site. We are receipt of only one report, the December 23, 2003 Baseline Investigation Report prepared by Cambria Environmental. Although the soil and groundwater data in this investigation report little to no petroleum contamination, the site background in the report request additional clarification. We request you address the following technical comments and provide the technical reports below.

TECHNICAL COMMENTS

1. The report states that Chevron has operated the station at this site since 1969 and has no records whether the tanks are single or double walled. Please confirm whether the existing tanks are the first and only generation tanks and whether the current configuration of tanks, piping and dispensers is the original and only configuration at the site.
2. The report states that in 1996 the waste oil tank, three hydraulic lifts and a concrete oil/water separator were removed from the site. Reportedly only 1.6 ppm TPH as diesel was detected in the samples beneath the UST. The soil beneath the center lift detected 400 ppm TPH as hydraulic oil. The soil sample beneath the oil/water separator initially detected up to 2100 ppm TPHg, 3200 ppm TPHd and 2700 ppm TRPH. This soil was over-excavated and residual concentrations were 34 ppm TPHd and 290 ppm TRPH at 7' bg and ND at 9' bg. It is reported that Alameda County issued an August 1996 letter stating that "the 1,000 gallon used-oil tank was closed in compliance with Title 23 of the California Code of Regulations." Please provide copies of the tank, hydraulic lifts and oil/water separator removal and the August 1996 County letter. It is unclear at this time what the County letter represents, tank closure or no further action.

TECHNICAL REPORT REQUEST

Please submit your response to item 1 and the requested removal report and letter to our office by September 18, 2006.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at barney.chan@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification.

Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

If you have any questions, please call me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: files, D. Drogos
Mr. Robert Foss, Cambria Environmental, 5900 Hollis St., Suite A, Emeryville, CA 94608

8_18_06 3005 GroveWay