

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
ALEX BRISCOE, Director



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

April 29, 2011

Mr. Michael Brady
Piedmont Unified School District
760 Magnolia Avenue
Piedmont, CA 94611
(sent via electronic mail to mbrady@piedmont.k12.ca.us)

Subject: Closure Transmittal; Fuel Leak Case No. RO0003067; GeoTracker Global ID T10000002500;
Havens Elementary School; 1800 Oakland Avenue, Piedmont, CA 94611

Dear Mr. Brady:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25299.37[h]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Environmental Health (ACEH) is required to use this case closure letter for all UST leak sites. We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed.

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

- ◆ Disposal destination of soil excavated during removal was not reported, and is assumed to have been redeposited in the tank excavation.
- ◆ Residual soil contamination remains at this site.
- ◆ Groundwater analysis was not requested due to presence of shallow bedrock, the resulting difficulty in obtaining a groundwater sample as demonstrated at the nearby Chevron site, the presumed age of the release as demonstrated by the lack of volatiles (BTEX) and of all fuel oxygenates, and the collection of the UST removal confirmation samples approximately ½ foot below the UST due to the presence of the shallow bedrock (an inability to collect the sample at a depth of 2 feet below the UST per standard protocols).
- ◆ Case closure for this fuel leak site is granted for the site. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

If you have any questions, please call Mark Detterman at (510) 567-6876. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Donna Drogos". The signature is fluid and cursive, written over a white background.

Donna Drogos, P.E.
Division Chief

Mr. Michael Brady
RO0003067
April 29, 2011, Page 2

Enclosures: 1. Remedial Action Completion Certificate
 2. Case Closure Summary

cc: Ms. Cherie McCaulou (w/enc.), SF- Regional Water Quality Control Board, 1515 Clay Street, Suite
 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)

Closure Unit (w/enc), State Water Resources Control Board, UST Cleanup Fund, P.O. Box
944212, Sacramento, CA 94244-2120

Donna Drogos, (sent via electronic mail to donna.drogos@acgov.org)

Mark Detterman (sent via electronic mail to mark.detterman@acgov.org)

Case File, GeoTracker



ENVIRONMENTAL HEALTH DEPARTMENT
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1131 Harbor Bay Parkway, Suite 250
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(510) 567-6700
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April 26, 2011

Mr. Michael Brady
Piedmont Unified School District
760 Magnolia Avenue
Piedmont, CA 94611
(sent via electronic mail to mbrady@piedmont.k12.ca.us)

REMEDIAL ACTION COMPLETION CERTIFICATE

Subject: Fuel Leak Case No. RO0003067; GeoTracker Global ID T10000002500; Havens Elementary School; 1800 Oakland Avenue, Piedmont, CA 94611

Dear Mr. Brady:

This letter confirms the completion of a site investigation and remedial action for the underground storage tank 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 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 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,

A handwritten signature in black ink, appearing to read "Ariu/Levi", written over a white background.

Ariu/Levi
Director
Alameda County Environmental Health

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

I. AGENCY INFORMATION

Date: March 11, 2011

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567- 6876
Responsible Staff Person: Mark Detterman	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Havens Elementary School		
Site Facility Address: 1800 Oakland Avenue, Piedmont, CA 94110		
RB Case No.: None	Local Case No.: ---	LOP Case No.: RO0003067
URF Filing Date: 8/3/2009	Geotracker ID: T10000002500	APN: 50-4624-3-4

Responsible Parties	Addresses	Phone Numbers
Michael Brady	Piedmont Unified School District 760 Magnolia Avenue Piedmont CA 94611	(510) 594-2608
----	----	----
----	----	----

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	1,500	Diesel or Heating oil	Removed	July 28, 2009
----	----	----	----	----
----	---	----	----	----
----	----	----	----	----
Piping			Removed	July 28, 2009

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: At least one hole was noted upon removal; no staining observed.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? No	Number: 0	Proper screened interval? NA
Highest GW Depth Below Ground Surface: Not encountered at site; offsite 0.3 ft bgs*	Lowest Depth: 5.2 ft bgs*	Flow Direction: Assumed southwest*
Most Sensitive Current Use: Potential drinking water source.		

* Groundwater wells were not installed, gradient from Chevron #9-0329; 340 Highland Avenue, Piedmont, CA (ACEH Case No. RO0000269). Bedrock at the Chevron site is encountered between 3 – 5 ft bgs.

Summary of Production Wells in Vicinity:	
There are twelve water supply wells within ¼-mile of the site. These are reported as either domestic or irrigation wells. Eight wells are considered to be in lateral or upgradient locations to the site. Four wells appear to range between 450, 500, 800, and 1200 feet south-southwest of the site and are not anticipated to be receptors based on distance.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Pleasant Valley Creek; 975 feet NW
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	1 - 1,500 gallon	Disposal; Circosta Iron & Metal, Co, San Francisco	7/30/2009
Piping	Not Reported	Disposal; Circosta Iron & Metal, Co, San Francisco	7/30/2009
Free Product	None Reported	NA	----
Soil	None Reported	NA	----
Groundwater	None Reported	NA	----

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
 (Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)*	
	Before	After	Before	After
TPH (Gas)	1.8	1.8	----	----
TPH (Diesel)	28	28	----	----
TPH (Motor Oil)	62	62	----	----
Oil and Grease	----	----	----	----
Benzene	<0.005	<0.005	----	----
Toluene	<0.005	<0.005	----	----
Ethylbenzene	<0.005	<0.005	----	----
Xylenes	<0.005	<0.005	----	----
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	----	----	----	----
Fuel Oxygenates **	<0.05 to <0.005	<0.05 to <0.005	----	----
Other (EPA 8260)	----	----	----	----

* No water samples were collected as bedrock was encountered at a depth of 8.5 feet bgs; approximately 1 foot below the UST bottom.

** Includes MTBE, TBA, TAME, ETBE, DIPE, EDB, and EDC.

Site History and Description of Corrective Actions:

One 1,500-gallon underground storage tank (UST) and associated piping that stored diesel or heating oil was excavated and removed from the site on July 28, 2009. The UST was partially filled with concrete. At least one hole was reported to be visible in the UST. Groundwater was not encountered in the excavation. No odors or staining were noted in the removal excavation. The bottom of the UST was at a depth of approximately 7.5 feet. A total of two confirmation soil samples were collected from beneath the excavation at a depth of approximately 8 feet due to the presence of bedrock at a depth of approximately 8.5 feet. One soil stockpile was also collected. TPH as gasoline was detected up to a concentration of 1.8 mg/kg, TPH as diesel was detected up to a concentration of 28 mg/kg, and TPH as motor oil was detected up to a concentration of 62 mg/kg beneath the excavation. Benzene, toluene, ethylbenzene, total xylenes (BTEX) were not detected at standards limits of detection. MTBE, TAME, TBA, EBD, 1,2-DCA, DIPE, and ETBE were also not detected at standard limits of detection. TPH as diesel was detected up to a concentration of 7 mg/kg and TPH as motor oil was detected up to a concentration of 35 mg/kg in the four-point composite stockpile sample. BTEX and the previously listed fuel oxygenates were not detected in the composite stockpile sample. Excavation spoils are presumed to have been used to partially backfill the excavation; disposal of soil is not documented.


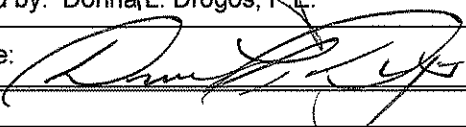
IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
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.		
<p>Site Management Requirements:</p> <p>Case closure for this fuel leak site is granted for the site. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.</p>		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: ----
Monitoring Wells Decommissioned: Not Applicable	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <ul style="list-style-type: none"> ◆ Disposal destination of soil excavated during removal was not reported, and is assumed to have been redeposited in the tank excavation. ◆ Residual soil contamination remains at this site. ◆ Groundwater analysis was not requested due to presence of shallow bedrock, the resulting difficulty in obtaining a groundwater sample as demonstrated at the nearby Chevron site, the presumed age of the release as demonstrated by the lack of volatiles (BTEX) and of all fuel oxygenates, and the collection of the UST removal confirmation samples approximately ½ foot below the UST due to the presence of the shallow bedrock (an inability to collect the sample at a depth of 2 feet below the UST per standard protocols). <p>Conclusion:</p> <p>Alameda County Environmental Health staff believes that the level of residual contamination does not pose a significant threat to water resources, public health and safety, and the environment based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary. ACEH staff recommends case closure for this fuel leak site</p>
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VI. LOCAL AGENCY REPRESENTATIVE DATA

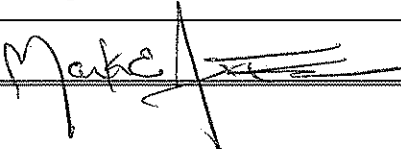
Prepared by: Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 3/23/11
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: 	Date: 03/23/11

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
Notification Date:	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: Not Applicable	Date of Well Decommissioning Report: Not Applicable	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: None installed.		
Additional requirements for submittal of groundwater data from retained wells: None		
ACEH Concurrence - Signature: 	Date: 3/23/11	

Attachments:

1. Site Vicinity Map (1 pp)
2. Site Plans (1 pp)
3. Soil Analytical Data (2 pp)

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.

Detterman, Mark, Env. Health

From: Cherie McCaulou [CMccaulou@waterboards.ca.gov]
Sent: Thursday, March 24, 2011 11:25 AM
To: Detterman, Mark, Env. Health
Subject: Re: RO0003067; Closure Summary for Havens Elementary School

Mark - Thanks for the notification. We have no objection to ACEH's recommendation for case closure of RO0003076, for Havens Elementary School.

Sincerely,

Cherie McCaulou
Engineering Geologist
San Francisco Bay Regional Water Quality Control Board
cmccaulou@waterboards.ca.gov
510-622-2342

>>> "Detterman, Mark, Env. Health" <Mark.Detterman@acgov.org> 3/23/2011 2:24 PM >>>
Hi Cherie,

Attached is a closure summary for RO0003067; Havens Elementary School, located at 1800 Oakland Avenue, in Piedmont, in order to comply with the RWQCB's 30-day review period. If no comments from the RWQCB are received within the 30-day review period, ACEH's will proceed with case closure.

This is a recent heating oil (or diesel) site with a limited history. No wells were installed.

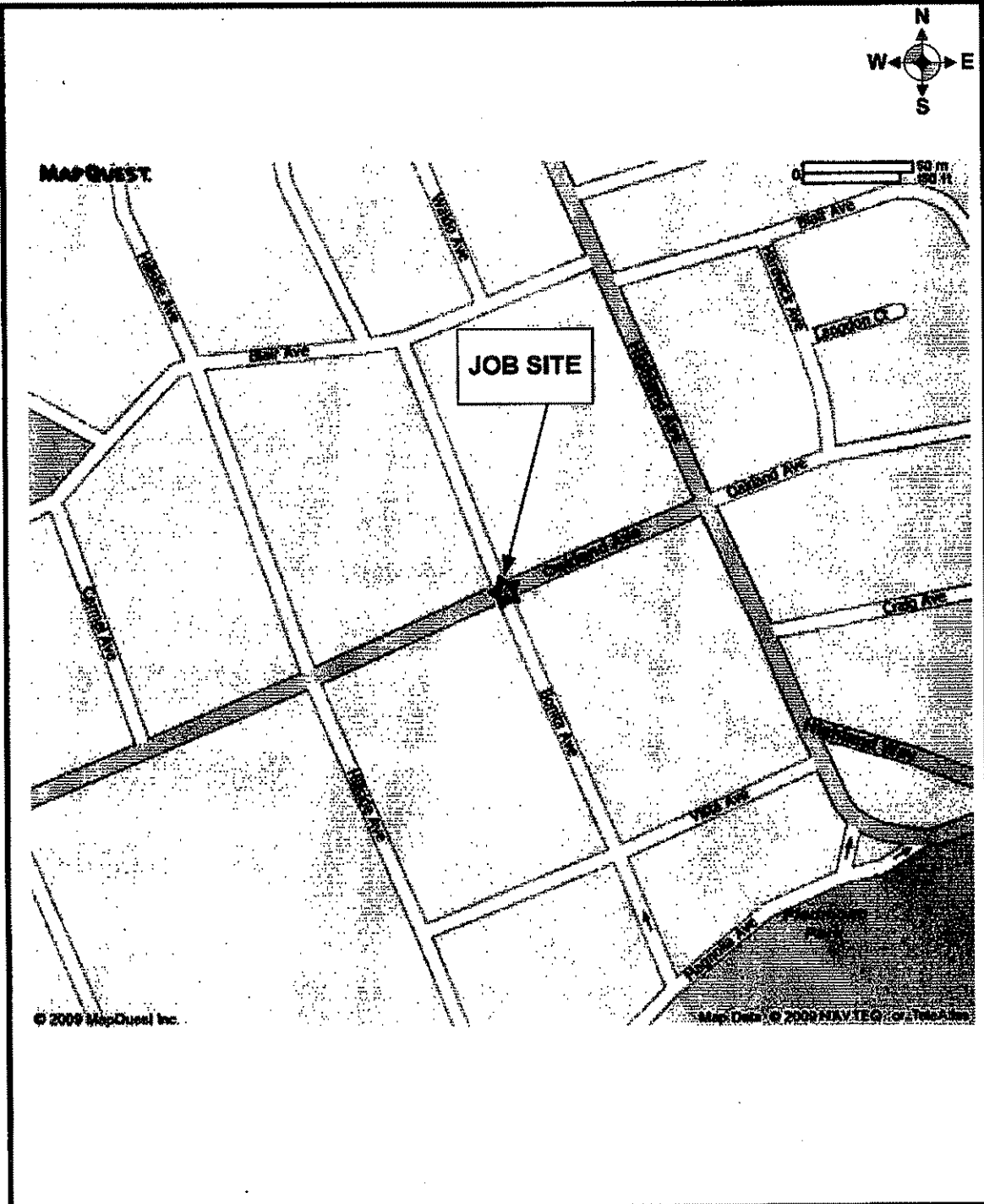
Should you have questions, please let me know.
Best,

Mark Detterman
Senior Hazardous Materials Specialist, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502
Direct: 510.567.6876
Fax: 510.337.9335
Email: mark.detterman@acgov.org

PDF copies of case files can be downloaded at:

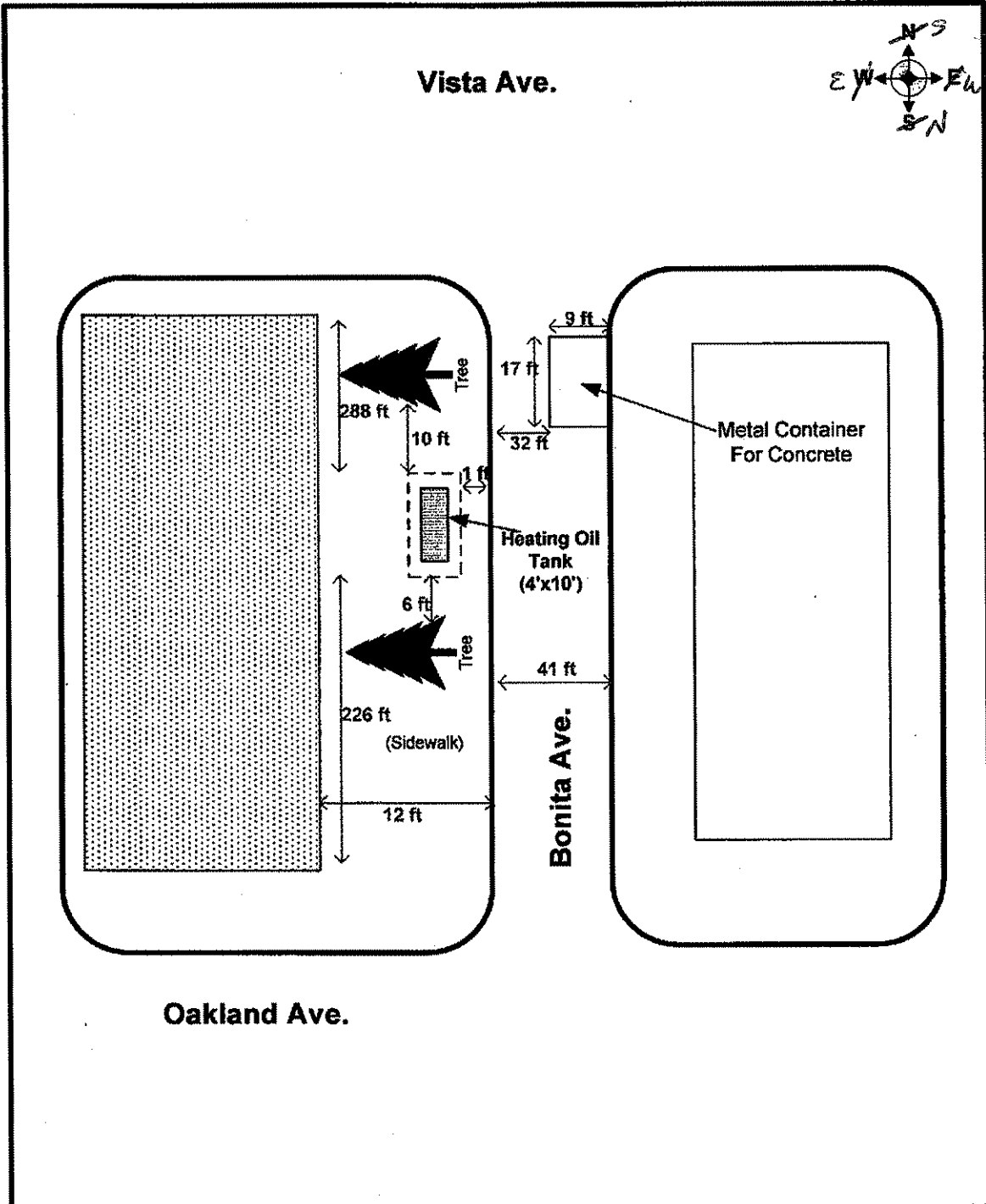
<http://www.acgov.org/aceh/lop/ust.htm>

ATTACHMENT 1



GOLDEN GATE TANK REMOVAL, INC. 3730 Mission Street San Francisco, CA 94110 Ph (415) 512-1555 Fx (415) 512-0964	VICINITY MAP 1800 Oakland Avenue Piedmont, CA 94611		
GGTR Project No.9098	Drawing By: AC	July 2009	Figure 1

ATTACHMENT 2



GOLDEN GATE TANK REMOVAL, INC. 3730 Mission Street San Francisco, CA 94110 Ph (415) 512-1555 Fx (415) 512-0964	Site Drawing 1800 Oakland Avenue Piedmont, CA 94611		
GGTR Project No. 9098	Drawing By: AC	July 2009	Figure 2

SAMPLING RESULTS FORM

Underground Storage Tank Site Address: 1800 Oakland Avenue, Piedmont, CA 94611

Business Site Name: Commercial

Description Sample ID <small>(Specify location; i.e., tank, pipe, stockpile) and number</small>	Sample Depth <small>(Indicate depth of sample from grade)</small>	Media <small>(soil/water)</small>	Date <small>(Date Sample was collected)</small>	Soil Type <small>(specify if sand, clay, fill, etc.)</small>	Results expressed in parts per million (ppm)							
					TPH(G)	TPH-D <small>(C18-C36)</small>	TPH-MO <small>(C18-C36)</small>	B	T	E	X	MTBE
090730-803, 4, 5, 6S <small>(Stockpile)</small>	Not Applicable	soil	7/30/2009	sand gravel	ND	7.0	35	ND	ND	ND	ND	ND
090730-801S <small>(Excavation)</small>	8 feet	soil	7/30/2009	sand gravel	ND	5.1	23	ND	ND	ND	ND	ND
090730-802S <small>(Excavation)</small>	8 feet	soil	7/30/2009	sand gravel	1.8	28	62	ND	ND	ND	ND	ND

BTEX = Benzene, Toluene, Ethylbenzene, Xylene

MTBE = Methyl-t-Butyl Ether

ND = Non-Detectable Results

List of additional analytical results and detection limits on attached certified lab report

ATTACHMENT 3



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

MECA Consulting, Inc. 620 Contra Costa Blvd. Ste. 102 Pleasant Hill, CA 94523	Client Project ID: #16033.2007; Havens ES Phase III EJA	Date Sampled: 07/30/09
	Client Contact: Ramil Arcia	Date Received: 07/30/09
	Client P.O.: #4043	Date Extracted: 07/30/09
		Date Analyzed: 07/30/09

Oxygenated Volatile Organics + EDB and 1,2-DCA by P&T and GC/MS*

Extraction Method: SWS030B Analytical Method: SW8260B Work Order: 0907797

Lab ID	0907797-001A	0907797-002A	0907797-003A	Reporting Limit for DF = 1	
Client ID	090730-801S	090730-802S	090730-803,4,5,6S	S	W
Matrix	S	S	S		
DF	1	1	1		
Compound	Concentration			mg/kg	ug/L
tert-Amyl methyl ether (TAME)	ND	ND	ND	0.005	NA
t-Butyl alcohol (TBA)	ND	ND	ND	0.05	NA
1,2-Dibromoethane (EDB)	ND	ND	ND	0.004	NA
1,2-Dichloroethane (1,2-DCA)	ND	ND	ND	0.004	NA
Diisopropyl ether (DIPB)	ND	ND	ND	0.005	NA
Ethyl tert-butyl ether (ETBE)	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	0.005	NA
Surrogate Recoveries (%)					
%SSI:	94	92	92		
Comments					

* water and vapor samples are reported in ug/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in ug/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.