

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

ALEX BRISCOE, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6777
FAX (510) 337-9135

May 4, 2012

Mr. Bledsoe
Caltrans
111 Grand Avenue, Mail Station 8C
Oakland, CA 94612

Subject: Subject: Fuel Leak Case, RO0003091 and GeoTracker Global ID T10000003438, 240 Caldecott Lane, Oakland, CA 94618

Dear Mr. Bledsoe:

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:

- Residual pollution remaining in soil beneath the site includes TPH as diesel at concentrations of up to 5 ppm.
- Groundwater was not analyzed from beneath the site.

If you have any questions, please call Barbara Jakub at (510) 639-1287. Thank you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Donna L. Drogos".

Donna L. Drogos, P.E.
Division Chief

Enclosures:

1. Remedial Action Completion Certificate
2. Case Closure Summary

Mr. Bledsoe
May 4, 2012
Page 2

cc:

Leroy Griffin (w/enc via electronic mail:
lgriffin@oaklandnet.com)
Oakland, Fire Department

Barbara Jakub (w/ enc via e-mail), D. Drogos (w/ enc via e-mail), T. LeKhan (via e-mail and w/orig enc)
Geotracker

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REMEDIAL ACTION COMPLETION CERTIFICATION

May 4, 2012

Chris Bledsoe
Caltrans District 4
111 Grand Ave, 12th Floor
Oakland, CA 94623
(Sent via E-mail to: chris.bledsoe@dot.ca.gov)

Subject: Case Closure for Fuel Leak Case No. RO0003091 and GeoTracker Global ID T10000003438, 240 Caldecott Lane, Oakland, CA 94618

Dear Mr. Bledsoe:

This letter confirms the completion of a site investigation and remedial action for the underground storage tanks 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.

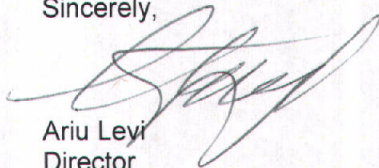
Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance 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.

Claims for reimbursement of corrective action costs submitted to the Underground Storage Tank Cleanup Fund more than 365 days after the date of this letter or issuance or activation of the Fund's Letter of Commitment, whichever occurs later, will not be reimbursed unless one of the following exceptions applies:

- Claims are submitted pursuant to Section 25299.57, subdivision (k) (reopened UST case); or
- Submission within the timeframe was beyond the claimant's reasonable control, ongoing work is required for closure that will result in the submission of claims beyond that time period, or that under the circumstances of the case, it would be unreasonable or inequitable to impose the 365-day time period.

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

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

I. AGENCY INFORMATION

Date: April 27, 2012

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 639-1287
Responsible Staff Person: Barbara Jakub	Title: Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Caltrans Caldecott Tunnel		
Site Facility Address: 240 Caldecott Lane, Oakland, CA 94618		
RB Case No.: ----	Local Case No.: ----	LOP Case No.: RO00003091
URF Filing Date: ----	Geotracker ID: T10000003438	APN: 48H-7520-12
Responsible Parties	Addresses	Phone Numbers
Chris Bledsoe	Caltrans District 4 111 Grand Avenue, 12 th Floor Oakland, CA 94623	(510) 286-6022

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1	2,000	Diesel	Removed	June 1, 2011
Piping			Removed up to building	June 1, 2011

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. The removed Elutron Glasteel UST did not have any corrosion or holes. Also no stained soil or odor was reported from beneath the UST.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? No	Number: 0	Proper screened interval? ----
Highest GW Depth Below Ground Surface: *	Lowest Depth: *	Flow Direction: *
Most Sensitive Current Use: None identified.		

*Groundwater has never been encountered during the tank removal and has not been measured

Summary of Production Wells in Vicinity: One irrigation well and one domestic well are located within one-mile of the site. The closest well is located approximately 3,800 feet southwest of the site, in the estimated cross- to down-gradient direction to the site. The domestic well is located approximately 4,000 feet to the southeast. This well is located to the E/SE of the site in the presumed cross-gradient direction based on topography. Due to the distance and location, these wells do not appear to be receptors for this site.	
Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Lake Temescal, located approximately 4,000 feet west
Off-Site Beneficial Use Impacts (Addresses/Locations): None identified.	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and Oakland Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL			
Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	2,000 gallon	Transported by Ecology Control Industries, Inc. (ECI) and disposed of at ECI facility in Richmond, CA under Hazardous Waste manifest	June 1, 2011
Free Product	----	----	----
Soil	----	----	----
Groundwater	----	----	----

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)	Not Analyzed	Not Analyzed	----	----
TPH (Diesel)	5.0	5.0	----	----
TPH (Motor Oil)	Not Analyzed	Not Analyzed	----	----
Oil and Grease	Not Analyzed	Not Analyzed	----	----
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)	<5.0 [^]	<5.0 [^]	----	----
MTBE	Not Analyzed**	Not Analyzed**	----	----
Other (8240/8270)	----	----	----	----

* Groundwater samples not collected.

[^] < 5.0 ppm Pb; Cd, Cr, Ni, Zn all not analyzed.

**MTBE analysis not performed for the diesel UST.

Site History and Description of Corrective Actions:

The site is located on the north side of the third bore of the Caldecott Tunnel. The underground storage tank (UST) was used by Caltrans to store diesel fuel for a backup generator used to operate the tunnel ventilation system in the event of a power failure.

Prior to June 1, 2011, Caltrans' contractor had removed the concrete and pea gravel backfill overlying the UST and covered the excavation area with steel trench plate. On June 1, 2011, the trench plate and several cubic yards of pea gravel surrounding the UST were removed. The Oakland Fire Department oversaw the tank removal and no corrosion, odor, holes or soil discoloration was observed by Oakland Fire personnel. One four-point composite soil sample was collected from the excavation. The samples were collected from pea gravel located between 10 and 12 feet below ground surface. The soil sample was analyzed for total petroleum hydrocarbons as diesel (TPHd), benzene, toluene, ethylbenzene, and xylenes (BTEX), and total lead. TPHd was detected at a concentration of 5.0 ppm. Groundwater was not encountered or sampled during this investigation.

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 current land use as a state highway. If a change in land use to any residential or other conservative land use scenario occurs at this site; Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH must also be notified if any construction or excavation activities take place or the building structure is otherwise modified. ACEH will re-evaluate the case upon receipt of approved development/construction plans.</p> <p>This site is to be entered into the City of Oakland Permit Tracking System due to the residual contamination on site.</p>		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded:
Monitoring Wells Decommissioned: -----	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"> • Groundwater samples were not collected at the site due to the site's location at the entrance to the hillside highway tunnel bore, the lack of water supply wells within 2,000-feet of the site, the intact condition of the UST and the lack of obvious contamination or odors within the UST excavation. • Discrete soil samples from native soil within the UST excavation were not collected. Only one four-point composite sample was collected and analyzed from pea gravel backfill material in the UST excavation. <p>Conclusion:</p> <p>Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current land use as State Highway 24, Caldecott Tunnel, based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.</p>
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VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Barbara Jakub, P.G.	Title: Hazardous Materials Specialist
Signature: <i>Barbara Jakub</i>	Date: 4/27/2012
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: <i>Donna L. Drogos</i>	Date: 05/03/12

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: 5/3/2012	

VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: ----	Date of Well Decommissioning Report: ----	
All Monitoring Wells Decommissioned: ----	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: ----		
Additional requirements for submittal of groundwater data from retained wells: ---		
ACEH Concurrence - Signature: <i>Barbara J Jakub</i>	Date: 5/3/2012	

Attachments:

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

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.

Jakub, Barbara, Env. Health

From: Cherie MCcaulou [CMccaulou@waterboards.ca.gov]
Sent: Thursday, May 03, 2012 8:53 PM
To: Jakub, Barbara, Env. Health
Subject: Re: Closure Summary for RO3091

Barbara - Thank you for the notification of case closure for 240 Caldecott Lane in Oakland.

>>> "Jakub, Barbara, Env. Health" <barbara.jakub@acgov.org> 5/3/2012 3:51 PM >>>

Hi Cherie,

Attached is a closure summary for RO3091; Caltrans Caldecott Tunnel located at 240 Caldecott Lane, Oakland, CA 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 will proceed with case closure.

Please contact me if you have any comments or questions about the subject site.

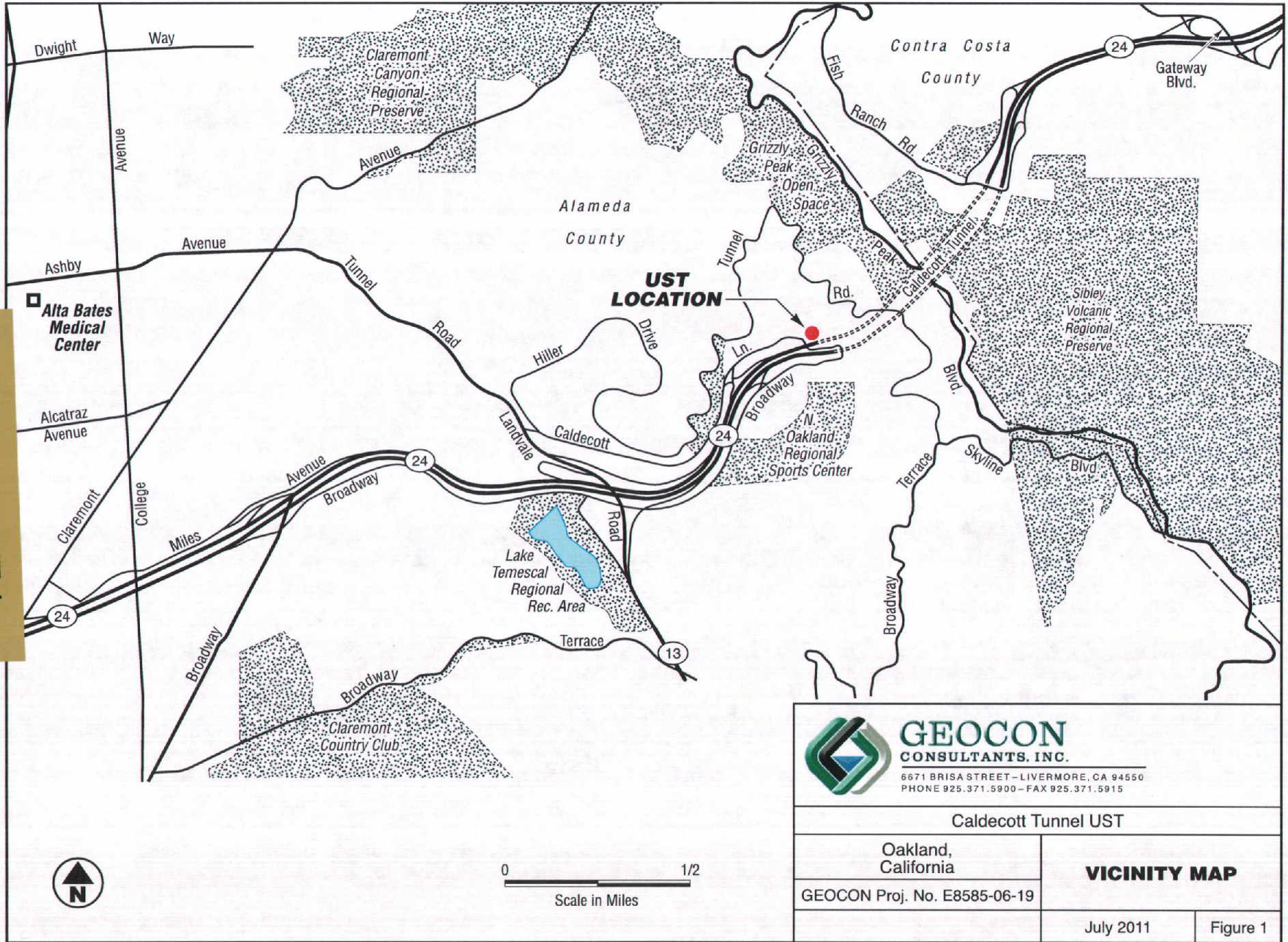
Regards,

Barbara Jakub, P.G.
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Pky.
Alameda, CA 94502
Direct: 510-639-1287
Fax: 510-337-9335

PDF copies of case files can be downloaded at:

<http://ehgis.acgov.org/dehpublic/dehpublic.jsp>

ATTACHMENT 1



GEOCON
CONSULTANTS, INC.

6671 BRISA STREET - LIVERMORE, CA 94550
PHONE 925.371.5900 - FAX 925.371.5915

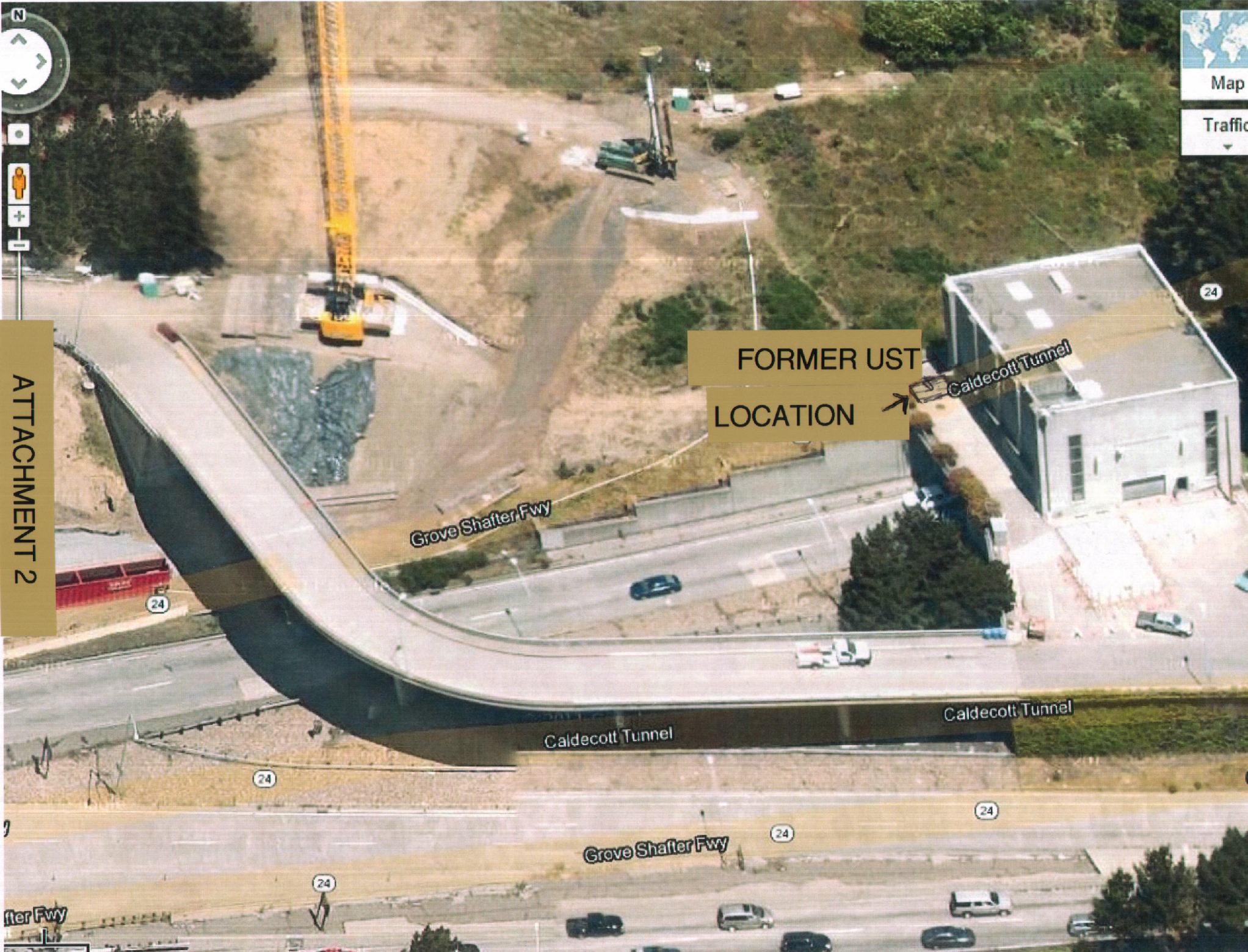
Caldecott Tunnel UST

Oakland,
California
GEOCON Proj. No. E8585-06-19

VICINITY MAP

July 2011

Figure 1



Map

Traffic

FORMER UST
LOCATION

Caldecott Tunnel

Grove Shafter Fwy

Caldecott Tunnel

Caldecott Tunnel

Grove Shafter Fwy

ATTACHMENT 2

fter Fwy



GEOCON
CONSULTANTS, INC.

6671 BRISA STREET - LIVERMORE, CA 94550
PHONE 925.371.5900 - FAX 925.371.5915

Caldecott Tunnel UST

Oakland,
California

SITE PLAN

GEOCON Proj. No. E8585-06-19

July 2011

Figure 2

TABLE 1
Excavation Soil Sample Results
TPHd, BTEX, and Lead
Caldecott Tunnel UST Removal
Oakland, California

Sample ID	Sample Depth (ft)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
Excavation - 12	10 to 12	5.0	<0.005	<0.005	<0.005	<0.005	<5.0

Notes:

TPHd = total petroleum hydrocarbons as diesel

mg/kg = milligrams per kilogram

< = not detected above the stated laboratory reporting limit