



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

January 28, 2016

Mr. Geoffrey A. Farrar et al. and
Geoffrey A. Farrar and Shirley M. Trust and
Geoffrey A. Farrar and George P. Harrison Trust
P.O. Box 1701
Chico, CA 95927 (Sent via e-mail to: jeff@main-main.com)

Mr. Fred Bertetta c/o Ms. Janet Heikel
Olympian Oil
1300 Industrial Road, Suite 2
San Carlos, CA 94070
(Sent via e-mail to: janeth@ogpinc.net)

Dannan Development LLC
Andrew & Ruth Goldberg Trust
1190 Pine Flat Road
Santa Cruz, CA 95060-9752
(Sent via e-mail to: gogold@gmail.com)

John E. Farrar Trust
Charles A. Begley and Dorothy A. Crane
260 Michelle Court
South San Francisco, CA 94080

Subject: Case Closure for Fuel Leak Case No. RO0000193 and GeoTracker Global ID T0600100766,
Olympian #112, 1435 Webster, Alameda, CA 94501

Dear Ladies and Gentlemen:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). 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. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (<http://geotracker.waterboards.ca.gov>) and the Alameda County Environmental Health website (<http://www.acgov.org/aceh/index.htm>).

Due to residual contamination, the site was closed with Site Management Requirements that require notifying ACEH of a change in land use to any residential, or conservative land use, or if any redevelopment occurs and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. Site Management Requirements are further described in the *Additional Information* Section of the attached Case Closure Summary.

If you have any questions, please call Karel Detterman at (510) 567-6708. Thank you.

Sincerely,

A handwritten signature in blue ink that reads "Dilan Roe". The signature is fluid and cursive.

Dilan Roe, P.E.
LOP and SCP Program Manager

Ladies and Gentlemen
RO0000193
January 28, 2016, Page 2

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

cc with enclosure:

Susan Hugo, Alameda County Environmental Health, (Send via e-mail to: susan.hugo@acgov.org)
Andrew Thomas, City of Alameda Community Development, (Sent via e-mail to:
athomas@ci.alameda.ca.us)
James Hanlon, TEC Environmental, (sent via electronic mail to: jhanlon@tecaccutite.com)
Ed Firestone, sent via electronic mail to: efirestone@aol.com
Dilan Roe, ACEH (sent via electronic mail to: dilan.roe@acgov.org)
Karel Detterman, ACEH (sent via electronic mail to: karel.detterman@acgov.org)
Case Electronic File, GeoTracker

ALAMEDA COUNTY
**HEALTH CARE SERVICES
AGENCY**

REBECCA GEBHART, Acting Director



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

REMEDIAL ACTION COMPLETION CERTIFICATION

January 28, 2016

Mr. Geoffrey A. Farrar et al. and
Geoffrey A. Farrar and Shirley M. Trust and
Geoffrey A. Farrar and George P. Harrison Trust
P.O. Box 1701, Chico, CA 95927
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John E. Farrar Trust
Charles A. Begley and Dorothy A. Crane
260 Michelle Court
South San Francisco, CA 94080

Subject: Case Closure for Fuel Leak Case No. RO0000193 and GeoTracker Global ID T0600100766,
Olympian #112, 1435 Webster, Alameda, CA 94501

Dear Responsible Parties:

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 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.

Please be aware that 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 (g) of Section 25296.10 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 "Ronald Browder".

Ronald Browder
Acting Director

UST Case Closure Summary Form

Agency Information

Date: January 28, 2016

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6708
Staff Person: Karel Detterman	Title: Hazardous Materials Specialist

Case Information

Facility Name: Olympian #112		
Facility Address: 1435 Webster, Alameda, CA 94501		
RB LUSTIS Case No: RB # 01-0832	Local Case No.: STID 3568	LOP Case No.: RO0000193
URF Filing Date: -----	GeoTracker Global ID: T0600100766	
APN: 74-427-5-1	Current Land Use: Parking Lot	
Responsible Party(s):	Address:	Phone:
John E. Farrar Trust, Charles A. Begley and Dorothy A. Crane	260 Michelle Court South San Francisco, CA 94080-6201	None Given
Mr. Geoffrey A. Farrar et al. and Geoffrey A. Farrar and Shirley M. Trust and Geoffrey A. Farrar and George P. Harrison Trust	P.O. Box 1701 Chico, CA 95927	None Given
Mr. Fred Bertetta c/o Ms. Janet Heikel	Olympian Oil 1300 Industrial Road, Suite 2 San Carlos, CA 94070	None Given
Andrew & Ruth Goldberg Trust	Dannan Development LLC 1190 Pine Flat Road Santa Cruz, CA 95060-9752	None Given

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place/ Removed/Active	Date
1	10,000	Gasoline	Removed	September 1989
2	10,000	Gasoline	Removed	September 1989
3	7,500	Diesel	Removed	September 1989
4	500	Waste Oil	Removed	September 1989

Attachment 1, Conceptual Site Model (2 pages)

Attachment 2, Low Threat Closure Policy (LTCP) Checklist (1 page)

Attachment 3, LTCP Groundwater Specific Criteria (1 page)

Attachment 4, LTCP Vapor Specific Criteria (1 page)

Attachment 5, LTCP Direct Contact and Outdoor Air Exposure Criteria (1 page)

Attachment 6, Site Maps (6 pages)

UST Case Closure Summary Form

Attachment 7, Analytical Data (48 pages)

Attachment 8, Notice of Responsibility and Assessor Parcel Data (8 pages)

Additional Information:

Site Management Requirements:

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP).

Due to residual contamination at the site, the site is closed as a commercial site with site management requirements. If there is a change in land use to any residential, or conservative land use, or if any redevelopment occurs, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the site relative to the proposed redevelopment.

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.

RWQCB Notification

Notification Date: March 13, 2015

RWQCB Staff Name: Cherie McCaulou	Title: Engineering Geologist
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Local Agency Representative

Prepared by: Karel Detterman, P.G.	Title: Hazardous Materials Specialist
Signature: <i>Karel Detterman</i>	Date: <i>January 28, 2016</i>
Approved by: Dilan Roe, P.E.	Title: LOP and SCP Program Manager
Signature: <i>Dilan Roe</i>	Date: <i>Jan. 28, 2016</i>

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. 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. The Conceptual Site Model may not contain all available data. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Environmental Health (ACEH) website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board GeoTracker website (<http://geotracker.waterboards.ca.gov>). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACEH website.

ATTACHMENT 1

OLYMPIAN #112 (T0600100766) - [MAP THIS SITE](#)

COMPLETED - CASE CLOSED

1435 WEBSTER
ALAMEDA, CA 94501
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)

[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: R00000193
CASEWORKER: [KAREL DETTERMAN](#) - SUPERVISOR: [DILAN ROE](#)
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0832
CASEWORKER: [Regional Water Board](#) - SUPERVISOR: NONE SPECIFIED

CUF Claim #: 1904 CUF Priority Assigned: C CUF Amount Paid: [\\$659,852](#)

CR Site ID #: N

THIS PROJECT WAS LAST MODIFIED BY [KAREL DETTERMAN](#) ON 1/28/2016 2:19:34 PM - [HISTORY](#)

THIS SITE HAS SUBMITTALS. CLICK [HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CSM REPORT - [VIEW PUBLIC NOTICING VERSION OF THIS REPORT](#)

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	REVIEW NUM	REVIEWER	FUND RECOMMENDATION	FIVE YEAR REVIEW INFORMATION	
										TO OVERSIGHT DATE	TO CLAIMANT DATE
1904	C	OLYMPIAN 1300 INDUSTRIAL ROAD #2, SAN CARLOS CA 94070	1435 WEBSTER ST ALAMEDA, CA 94501	\$659,852	19		5	Pat G. Cullen	Recommend Additional Corrective Action		

PROJECT INFORMATION (DATA PULLED FROM GEOTRACKER) - [MAP THIS SITE](#)

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
OLYMPIAN #112 (Global ID: T0600100766) 1435 WEBSTER ALAMEDA, CA 94501	Completed - Case Closed	1/28/2016	9/21/1989	26	ALAMEDA COUNTY LOP (LEAD) - CASE #: R00000193 CASEWORKER: KAREL DETTERMAN - SUPERVISOR: DILAN ROE SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0832 CASEWORKER: Regional Water Board - SUPERVISOR: NONE SPECIFIED

STAFF NOTES (INTERNAL)
<NO STAFF NOTES ENTERED>

SITE HISTORY
Not all historic documents for the fuel leak case may be available on Geotracker. A complete case file for this site is located on the Alameda County Environmental Health website at: <http://www.acgov.org/aceh/lop/ust.htm>
The subject site (APN 74-427-5-1) is located at 1435 Webster Street in Alameda, CA. The site is currently used as a paved parking lot. The San Francisco Bay, the closest surface water body, is located approximately 1,430 feet southwest of the property. The direction of groundwater flow at the site is predominantly towards the southwest. There is an irrigation well located at a school at 1427 6th Street, Alameda, which is cross/down gradient of the site at a distance of approximately 750 feet west of the site. Based on the cross/down gradient location of the well with respect to the site, the well is not expected to be a receptor for the site.
The site was used as a gasoline station between 1983 and 1989. In September 1989 four underground storage tanks (USTs), (two 10,000-gallon gasoline USTs, one 7,500-gallon diesel UST, and one 500-gallon waste oil UST), two fuel dispensers and conveyance piping were removed from the site. Concentrations up to 110 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg), 200 mg/kg TPH as diesel (TPHd), and 650 mg/kg oil and grease were detected in soil samples taken during the UST removal. In January 1991 and February 2007 contaminated soil was removed from the site. Between 1993 and 2009 nine groundwater monitoring wells were installed to evaluate the dissolved groundwater plume. Between 1996 and 2006, several offsite investigations were completed to determine the lateral extent of dissolved phase contamination. An in-situ chemical oxidation (ISCO) pilot test (injection of hydrogen peroxide) was successfully conducted in 2011 and a corrective action plan was approved by ACEH, but was never implemented. Five vapor monitoring wells were sampled between 2009 and 2011. In July 2014 an additional soil and groundwater investigation was conducted consisting of downgradient off-site plume definition, and on-site investigation at the former waste oil UST, the northern dispenser island, and the area adjacent to MW-8. The Site Conceptual Model was updated, the remaining data gaps were successfully filled, and the data was found to support case closure to commercial standards under the Low Threat Closure Policy.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
ANDREW & RUTH GOLDBERG TRUST ET AL	DANNAN DEVELOPMENT LLC	1190 PINE FLAT ROAD	SANTA CRUZ	
FARRAR TRUST, FARRAR/HARRISON TRUST	NA	PO BOX 1701	CHICO	na
FRED BERTETTA, C/O: JANET HEIKEL	OLYMPIAN OIL	1300 INDUSTRIAL ROAD, SUITE 2	SAN CARLOS	na
JOHN FARRAR TRUST, CHARLES BEGLEY, DOROTHY CRANE	NA	280 MICHELLE COURT	SOUTH SAN FRANCISCO	

CLEANUP ACTION INFO

ACTION TYPE	BEGIN DATE	END DATE	PHASE	CONTAMINANT MASS REMOVED	DESCRIPTION
EXCAVATION	1/11/1991	9/25/1991	Soil, Soil		Phase II of soil removal in February 2007 15,000 gallons of groundwater pumped from excavation and treated onsite during soil removal.

RISK INFORMATION

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Benzene, Diesel, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Waste Oil / Motor / Hydraulic / Lubricating	Vacant	GW - Municipal and Domestic Supply		9/21/1989	Close and Remove Tank	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	East Bay Municipal Utilities District	12/4/2015	1/15/2016	9/12/2014	6/30/2016	9/18/2003

CDPH WELLS WITHIN 1500 FEET OF THIS SITE
NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
074 042700501	Santa Clara Valley - East Bay Plain (2-9.04)	South Bay - East Bay Cities (204.20)

COUNTY	PUBLIC WATER SYSTEM(S)
Alameda	EAST BAY MUD - 375 ELEVENTH STREET, OAKLAND, CA 94607

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - [HIDE](#)

FIELD PT NAME	DATE	TPH _g	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
A-1	12/6/2011		8000 UG/L	9500 UG/L	3700 UG/L	OTHER	180 UG/L	ND
A-3	12/6/2011		17000 UG/L	19000 UG/L	4500 UG/L	OTHER	1400 UG/L	ND
A-4	12/6/2011		3300 UG/L	4800 UG/L	1700 UG/L	OTHER	57 UG/L	ND
B-10	7/11/2007	0.033 MG/L	ND	ND	ND	ND	66.2 UG/L	23.5 UG/L
B-11	7/11/2007	ND	ND	ND	ND	ND	ND	ND

B-12	7/10/2007	0.288 MG/L	ND	ND	ND	ND	ND	ND	ND
B-13	7/10/2007	ND	ND	ND	ND	ND	ND	ND	ND
B-14	7/10/2007	ND	ND	ND	ND	ND	ND	ND	ND
B-15	7/10/2007	140 UG/L	ND	ND	ND	ND	2.77 UG/L	ND	ND
B-17	7/10/2007	ND	ND	ND	ND	ND	ND	ND	ND
B-18	7/10/2007	ND	ND	ND	ND	ND	ND	ND	ND
B-19	7/7/2009	ND	ND	ND	ND	ND	ND	ND	ND
B-20	7/7/2009	32 UG/L	ND	ND	ND	ND	ND	ND	ND
B-21	7/7/2009	ND	ND	ND	ND	ND	ND	ND	ND
B-22	7/7/2009	47 UG/L	ND	ND	ND	ND	ND	ND	ND
B-23	7/7/2009	ND	ND	ND	ND	ND	ND	ND	ND
B-24	7/7/2009	ND	ND	ND	ND	ND	ND	1.0 UG/L	ND
B-25	7/10/2014	ND	ND	ND	ND	OTHER	2.0 UG/L	ND	ND
B-26	7/10/2014	ND	ND	ND	ND	OTHER	2.6 UG/L	ND	ND
B-27	7/10/2014	ND	ND	ND	ND	OTHER	3.8 UG/L	ND	ND
B-28	7/10/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
B-29	7/10/2014	ND	19 UG/L	ND	ND	OTHER	3.2 UG/L	ND	ND
B-30	7/10/2014	ND	660 UG/L	1400 UG/L	650 UG/L	OTHER	2.9 UG/L	8.9 UG/L	ND
B-31	7/11/2014	ND	120 UG/L	40 UG/L	42 UG/L	OTHER	830 UG/L	220 UG/L	ND
B-32	7/11/2014	ND	2900 UG/L	2900 UG/L	1000 UG/L	OTHER	460 UG/L	ND	ND
B-33	7/10/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
B-6	7/11/2007	1.18 MG/L	ND	ND	50.7 UG/L	ND	ND	ND	ND
B-7	7/11/2007	0.25 MG/L	8.79 UG/L	0.518 UG/L	13.6 UG/L	ND	2.9 UG/L	ND	ND
B-8	7/11/2007	ND	ND	ND	ND	ND	6.83 UG/L	ND	ND
B-9	7/11/2007	0.404 MG/L	2.2 UG/L	ND	ND	ND	433 UG/L	164 UG/L	ND
I-A3	10/4/2011	ND	290 UG/L	540 UG/L	390 UG/L	OTHER	ND	ND	ND
I-B1	10/4/2011	ND	19 UG/L	ND	300 UG/L	OTHER	ND	ND	ND
I-B6	10/4/2011	ND	6100 UG/L	1100 UG/L	1800 UG/L	OTHER	720 UG/L	ND	ND
I-C1	10/4/2011	ND	58 UG/L	61 UG/L	52 UG/L	OTHER	ND	ND	ND
MW 1	12/26/2001	OTHER	216 UG/L	1.2 UG/L	8.6 UG/L	7.4 UG/L	530 UG/L	ND	ND
MW 2	12/26/2001	OTHER	ND	ND	ND	ND	ND	ND	ND
MW 3	12/26/2001	OTHER	ND	ND	ND	ND	ND	ND	ND
MW 4	12/26/2001	OTHER	1.6 UG/L	1.7 UG/L	1.6 UG/L	4.4 UG/L	2.7 UG/L	ND	ND
MW 5	12/26/2001	OTHER	738 UG/L	262 UG/L	218 UG/L	626 UG/L	56.4 UG/L	ND	ND
MW 6	12/26/2001	OTHER	ND	ND	ND	1.4 UG/L	ND	ND	ND
MW-1	10/5/2006	23000 UG/L	3740 UG/L	112 UG/L	395 UG/L	181 UG/L	6020 UG/L	546 UG/L	ND
MW-2	7/9/2014	ND	ND	ND	ND	OTHER	30 UG/L	ND	ND
MW-3	7/9/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
MW-4	7/9/2014	ND	ND	ND	ND	OTHER	35 UG/L	ND	ND
MW-5	10/5/2006	410 UG/L	105 UG/L	1.06 UG/L	9.05 UG/L	2.24 UG/L	101 UG/L	11.3 UG/L	ND
MW-6	7/9/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
MW-7	7/9/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
MW-8	7/9/2014	ND	410 UG/L	4.8 UG/L	110 UG/L	OTHER	42 UG/L	3600 UG/L	ND
MW-9	7/9/2014	ND	ND	ND	ND	OTHER	ND	ND	ND
VMP-1	7/13/2009	47000 UG/L	1500 UG/L	1200 UG/L	1900 UG/L	6300 UG/L	ND	ND	ND
VMP-2	7/13/2009	11000 UG/L	970 UG/L	500 UG/L	370 UG/L	1000 UG/L	420 UG/L	120 UG/L	ND
VMP-3	7/13/2009	9700 UG/L	61 UG/L	ND	280 UG/L	17 UG/L	1900 UG/L	ND	ND
VMP-4	7/13/2009	110000 UG/L	4100 UG/L	1500 UG/L	3000 UG/L	17000 UG/L	850 UG/L	ND	ND
VMP-5	7/13/2009	31 UG/L	2.6 UG/L	1.3 UG/L	1 UG/L	2.5 UG/L	1.1 UG/L	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	TPH _h	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
A-1	12/6/2011	ND	ND	ND	ND	ND	ND	ND
A-2	12/6/2011	49000 UG/KG	ND	ND	ND	ND	ND	ND
A-3	12/6/2011	12000 UG/KG	ND	ND	130 UG/KG	ND	ND	ND
A-4	12/6/2011	ND	ND	ND	ND	ND	ND	ND
B-10	7/11/2007	ND	ND	ND	ND	ND	ND	ND
B-11	7/11/2007	ND	ND	ND	ND	ND	ND	ND
B-12	7/10/2007	ND	ND	ND	ND	ND	ND	ND
B-13	7/10/2007	ND	ND	ND	ND	ND	ND	ND
B-14	7/10/2007	ND	ND	ND	ND	ND	ND	ND
B-17	7/10/2007	0.201 MG/KG	ND	ND	ND	ND	ND	ND
B-18	7/10/2007	ND	ND	ND	ND	ND	ND	ND
B-19	7/7/2009	96 UG/KG	ND	ND	ND	ND	ND	ND
B-20	7/7/2009	67 UG/KG	ND	ND	ND	ND	ND	ND
B-21	7/7/2009	85 UG/KG	ND	ND	ND	ND	ND	ND
B-22	7/7/2009	56 UG/KG	ND	ND	ND	ND	ND	ND
B-23	7/7/2009	81 UG/KG	ND	ND	ND	ND	ND	ND
B-24	7/7/2009	78 UG/KG	ND	ND	ND	ND	ND	ND
B-28	7/10/2014	ND	ND	ND	ND	ND	ND	ND
B-29	7/10/2014	ND	ND	ND	ND	ND	ND	ND
B-30	7/10/2014	350000 UG/KG	ND	ND	ND	ND	ND	ND
B-31	7/11/2014	ND	ND	ND	ND	ND	ND	ND
B-32	7/11/2014	ND	ND	ND	ND	ND	ND	ND
B-6	7/11/2007	11.2 MG/KG	ND	ND	130 UG/KG	ND	ND	ND
B-7	7/11/2007	ND	ND	ND	ND	ND	ND	ND
B-8	7/11/2007	ND	ND	ND	ND	ND	ND	ND
B-9	7/11/2007	ND	ND	ND	ND	ND	ND	ND
CB-10	11/15/2006	ND	ND	34 MG/KG	45 MG/KG	200 MG/KG	ND	ND
CB-11	11/15/2006	ND	ND	3.8 MG/KG	4.8 MG/KG	25 MG/KG	ND	ND
CB-12	11/15/2006	ND	ND	ND	ND	ND	ND	ND
CB-14	11/15/2006	ND	ND	ND	ND	ND	ND	ND
CB-16	11/15/2006	ND	ND	ND	ND	ND	ND	ND
CB-17	11/15/2006	ND	ND	170 MG/KG	120 MG/KG	640 MG/KG	ND	ND
CB-2	11/15/2006	ND	ND	190 MG/KG	92 MG/KG	490 MG/KG	ND	ND
CB-4	11/15/2006	ND	ND	14 MG/KG	21 MG/KG	52 MG/KG	ND	ND
CB-5	11/15/2006	ND	ND	ND	0.013 MG/KG	0.067 MG/KG	ND	ND
CB-6	11/15/2006	ND	57 MG/KG	190 MG/KG	94 MG/KG	500 MG/KG	ND	ND
CB-8	11/15/2006	ND	ND	ND	26 MG/KG	150 MG/KG	ND	ND
CB-9	11/15/2006	ND	ND	ND	ND	ND	ND	ND
DB	12/27/2006	ND	100 UG/L	ND	ND	ND	ND	ND
I-A3	10/4/2011	ND	ND	ND	ND	ND	ND	ND
I-B1	10/4/2011	170000 UG/KG	ND	ND	2300 UG/KG	ND	ND	ND
I-B6	10/4/2011	150000 UG/KG	ND	ND	2300 UG/KG	ND	ND	ND
I-C1	10/4/2011	ND	ND	ND	ND	ND	ND	ND
MW-8	3/9/2007	ND	ND	ND	ND	ND	ND	ND
MW-9	7/13/2009	ND	ND	ND	ND	ND	ND	ND

MOST RECENT GEO_WELL DATA - [HIDE](#)

[VIEW ESI SUBMITTALS](#)

FIELD PT NAME	DATE	DEPTH TO WATER (FT)	SHEEN	DEPTH TO FREE PRODUCT (FT)
MW-1	9/22/2010			
MW-2	7/9/2014	11.22	N	
MW-3	7/9/2014	11.32	N	
MW-4	7/9/2014	10.82	N	
MW-5	9/22/2010			
MW-6	7/9/2014	11.61	N	
MW-7	7/9/2014	10.09	N	
MW-8	7/9/2014	10.63	N	
MW-9	7/9/2014	10.01	N	

ATTACHMENT 2

OLYMPIAN #112 (T0600100766) - [MAP THIS SITE](#)

OPEN - ELIGIBLE FOR CLOSURE

1435 WEBSTER
ALAMEDA, CA 94501
ALAMEDA COUNTY

[ACTIVITIES REPORT](#)
[PUBLIC WEBPAGE](#)

[VIEW PRINTABLE CASE SUMMARY FOR THIS SITE](#)

CLEANUP OVERSIGHT AGENCIES

ALAMEDA COUNTY LOP (LEAD) - CASE #: R00000193
CASEWORKER: [KAREL DETTERMAN](#) - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0832
CASEWORKER: [Regional Water Board](#) - SUPERVISOR: NONE SPECIFIED

CUF Claim #: 1904 CUF Priority Assigned: C CUF Amount Paid: [\\$659,852](#)

CR Site ID #: N

THIS PROJECT WAS LAST MODIFIED BY [KAREL DETTERMAN](#) ON 1/6/2016 4:52:23 PM - [HISTORY](#)

THIS SITE HAS SUBMITTALS. [CLICK HERE](#) TO OPEN A NEW WINDOW WITH THE SUBMITTAL APPROVAL PAGE FOR THIS SITE.

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 1/6/2016

CHECKLIST INITIATED ON 3/26/2013

[CLOSURE POLICY HISTORY](#)

General Criteria - The site satisfies the policy general criteria - [CLEAR SECTION ANSWERS](#)

a. Is the unauthorized release located within the service area of a public water system?

Name of Water System :

East Bay Municipal Utilities District

YES NO

b. The unauthorized release consists only of petroleum ([info](#)).

YES NO

c. The unauthorized ("primary") release from the UST system has been stopped.

YES NO

d. Free product has been removed to the maximum extent practicable ([info](#)).

FP Not Encountered YES NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed ([info](#)).

YES NO

f. Secondary source has been removed to the extent practicable ([info](#)).

YES NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15.

Not Required YES NO

h. Does a nuisance exist, as defined by [Water Code section 13050](#)

YES NO

1. Media-Specific Criteria: Groundwater - The contaminant plume that exceeds water quality objectives is stable or decreasing in areal extent, and meets all of the additional characteristics of one of the five classes of sites listed below. - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - [Info](#))

YES NO

Does the site meet any of the Groundwater specific criteria scenarios?

YES NO

1.1 - The contaminant plume that exceeds water quality objectives is <100 feet in length. There is no free product. The nearest existing water supply well or surface water body is >250 feet from the defined plume boundary.

YES NO

2. Media Specific Criteria: Petroleum Vapor Intrusion to Indoor Air - The site is considered low-threat for the vapor-intrusion-to-air pathway if site-specific conditions satisfy items 2a, 2b, or 2c - [CLEAR SECTION ANSWERS](#)

EXEMPTION - Active Commercial Petroleum Fueling Facility

YES NO

Does the site meet any of the Petroleum Vapor Intrusion to Indoor Air specific criteria scenarios?

YES NO

2a - Scenario 3 ([example](#)): Dissolved Phase Benzene Concentrations Only in Groundwater (Low concentration groundwater scenarios with or without O2 measurements must satisfy one i, ii, or iii):

i. For bioattenuation zone without oxygen measurements or oxygen <4% and benzene concentration are <100 µg/L, the bioattenuation zone: Is a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase benzene and the foundation of existing or potential building; and contain total TPH <100 mg/kg throughout the entire depth of the bioattenuation zone.

YES NO

ii. For bioattenuation zone without oxygen measurements or oxygen <4% and benzene concentration are >100 µg/L but <1,000 µg/L, the bioattenuation zone: Is a continuous zone that provides a separation of at least 10 feet vertically between the dissolved phase benzene and the foundation of existing or potential building, and contain total TPH <100 mg/kg throughout the entire depth of the bioattenuation zone.

YES NO

iii. For bioattenuation zone with oxygen ≥ 4% and benzene concentration are <1,000 µg/L, the bioattenuation zone: Is a continuous zone that provides a separation of at least 5 feet vertically between the dissolved phase benzene and the foundation of existing or potential building, and contain total TPH <100 mg/kg throughout the entire depth of the bioattenuation zone.

YES NO

3. Media Specific Criteria: Direct Contact and Outdoor Air Exposure - The site is considered low-threat for direct contact and outdoor air exposure if it meets 1, 2, or 3 below. - [CLEAR SECTION ANSWERS](#)

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination

YES NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios?

YES NO

3.1 - Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in the following table ([LINK](#)) for the specified depth below ground surface.

YES NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria.

YES NO

Has this LTCP Checklist been updated for FY 15/16?

YES NO

[SPELL CHECK](#)

ATTACHMENT 3

**ATTACHMENT 3
LTCP GROUNDWATER SPECIFIC CRITERIA**

LTCP Groundwater Specific Scenario under which case was closed: Scenario 1

Site Data	LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3 Criteria	LTCP Scenario 4 Criteria
Plume Length	<60 feet	<100 feet	<250 feet	<250 feet
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable
Plume Stable or Decreasing	Stable to Decreasing with seasonal fluctuations	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 Years
Distance to Nearest Water Supply Well	750 feet cross/down gradient	>250 feet	>1,000 feet	>1,000 feet
Distance to Nearest Surface Water and Direction	San Francisco Bay 1,430 feet downgradient and southwest to the site	>250 feet	>1,000 feet	>1,000 feet
Property Owner Willing to Accept a Land Use Restriction?	----	Not applicable	Not applicable	Yes

GROUNDWATER CONCENTRATIONS

Constituent	Historic Site Maximum (µg/L)	Current Site Maximum (µg/L)	LTCP Scenario 1 Criteria (µg/L)	LTCP Scenario 2 Criteria (µg/L)	LTCP Scenario 3 Criteria (µg/L)	LTCP Scenario 4 Criteria (µg/L)
Benzene	18,000	410	No criteria	<3,000	No criteria	<1,000
MTBE	28,000	42	No criteria	<1,000	No criteria	<1,000

Scenario 5: If the site does not meet scenarios 1 through 4, has a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame?

Comments: Water Supply Wells in Vicinity: There is an irrigation well located cross/down gradient of the site located at a school at 1427 6th Street, Alameda, a distance of approximately 750 feet west of the site. Based on the cross/down gradient location of the well with respect to the site, the well is not expected to be a receptor for the site.

ATTACHMENT 4

**ATTACHMENT 4
LTCP VAPOR SPECIFIC CRITERIA**

LTCP Vapor Specific Scenario under which case was closed: Scenario 3C

Active Fueling Station	Active as of: Not applicable						
Site Data	LTCP Scenario 1 Criteria	LTCP Scenario 2 Criteria	LTCP Scenario 3A Criteria	LTCP Scenario 3B Criteria	LTCP Scenario 3C Criteria	LTCP Scenario 4 Criteria	
Unweathered LNAPL	No LNAPL	LNAPL in groundwater	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	≥5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	≥5 feet
Total TPH in Soil in Bioattenuation Zone	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	410 µg/L	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria
Oxygen Data within Bioattenuation Zone	≥4% at lower end of zone	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4% at lower end of zone	≥4% at lower end of zone
Depth of soil vapor measurement beneath foundation	4 and 8 feet beneath surface	No criteria	No criteria	No criteria	No criteria	No criteria	≥5 feet

SCENARIO 4 DIRECT MEASUREMENT OF SOIL VAPOR CONCENTRATIONS

Site Soil Vapor Data			No Bioattenuation Zone		Bioattenuation Zone	
Constituent	Historic Maximum (µg/m ³)	Current Maximum (µg/m ³)	Residential	Commercial	Residential	Commercial
Benzene	<8.0	<8.0	<85	<280	<85,000	<280,000
Ethylbenzene	<11	<11	<1,100	<3,600	<1,100,000	<3,600,000
Naphthalene	---	---	<93	<310	<93,000	<310,000
If the site does not meet scenarios 1 through 4, does a site-specific risk assessment for the vapor intrusion pathway demonstrate that human health is protected?			---			
If the site does not meet scenarios 1 through 4, has a determination been made that petroleum vapors from soil or groundwater will have no significant risk of adversely affecting human health?			---			

ATTACHMENT 5

**ATTACHMENT 5
LTCP DIRECT CONTACT AND OUTDOOR AIR EXPOSURE CRITERIA**

LTCP Direct Contact and Outdoor Air Exposure Specific Scenario under which case was closed: This case should be closed in spite of not meeting the direct contact and outdoor air specific media criteria.

Are maximum concentrations less than those in Table 1 below? Yes, for Commercial/Industrial and Utility Worker

Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	Benzene	<0.01	6.3	<0.01	6.3	6.3
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	Ethylbenzene	<0.01	92	<0.01	92	92
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	Naphthalene	0.36	<0.1	0.36	<0.1	0.36
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	PAHs	0.63 ¹	----	0.63	----	0.63
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

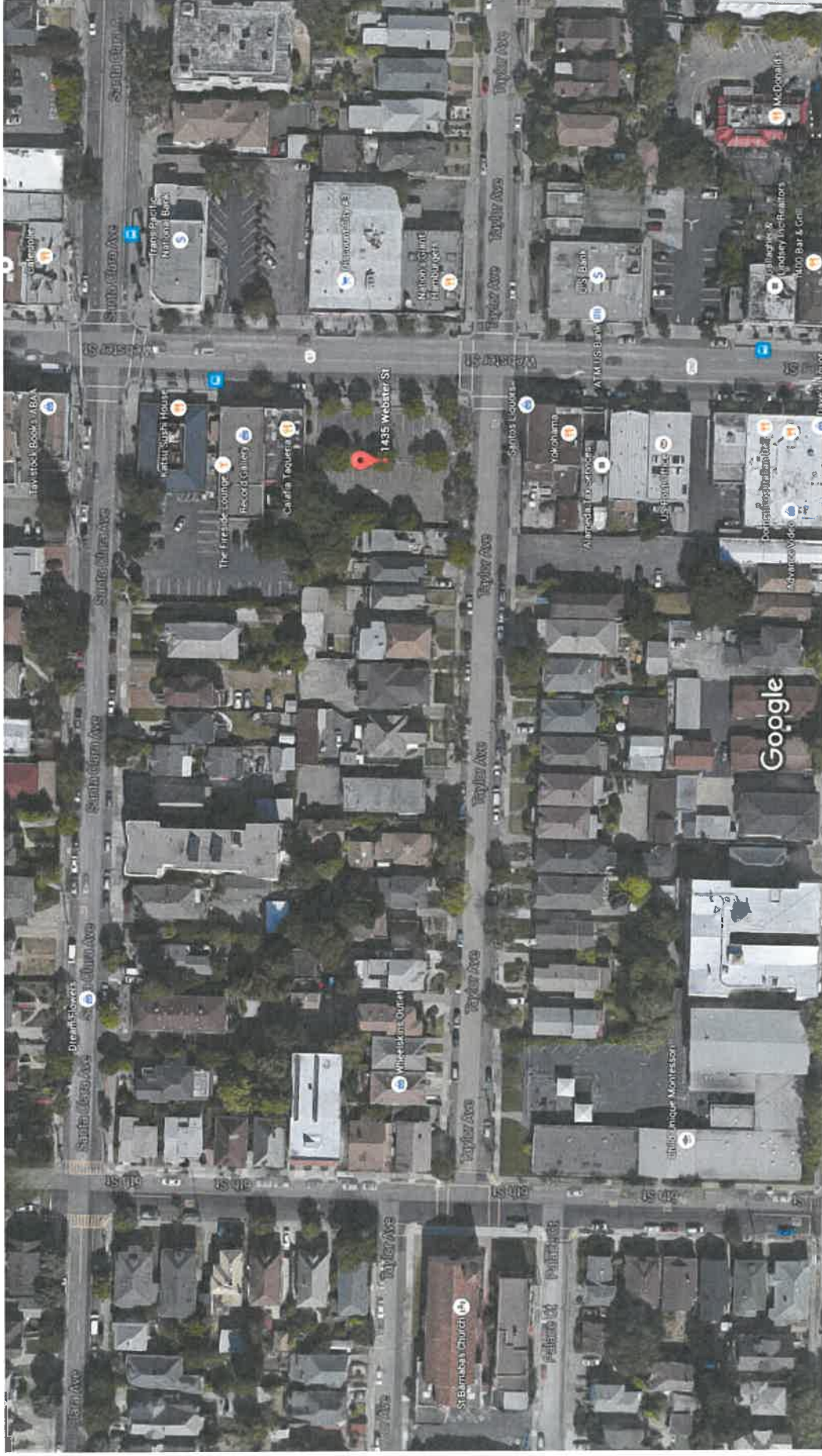
If maximum concentrations are greater than those in Table 1, are they less than levels from a site-specific risk assessment?

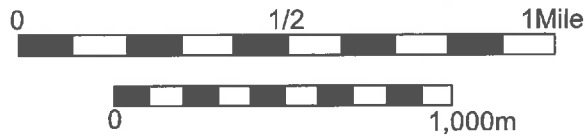
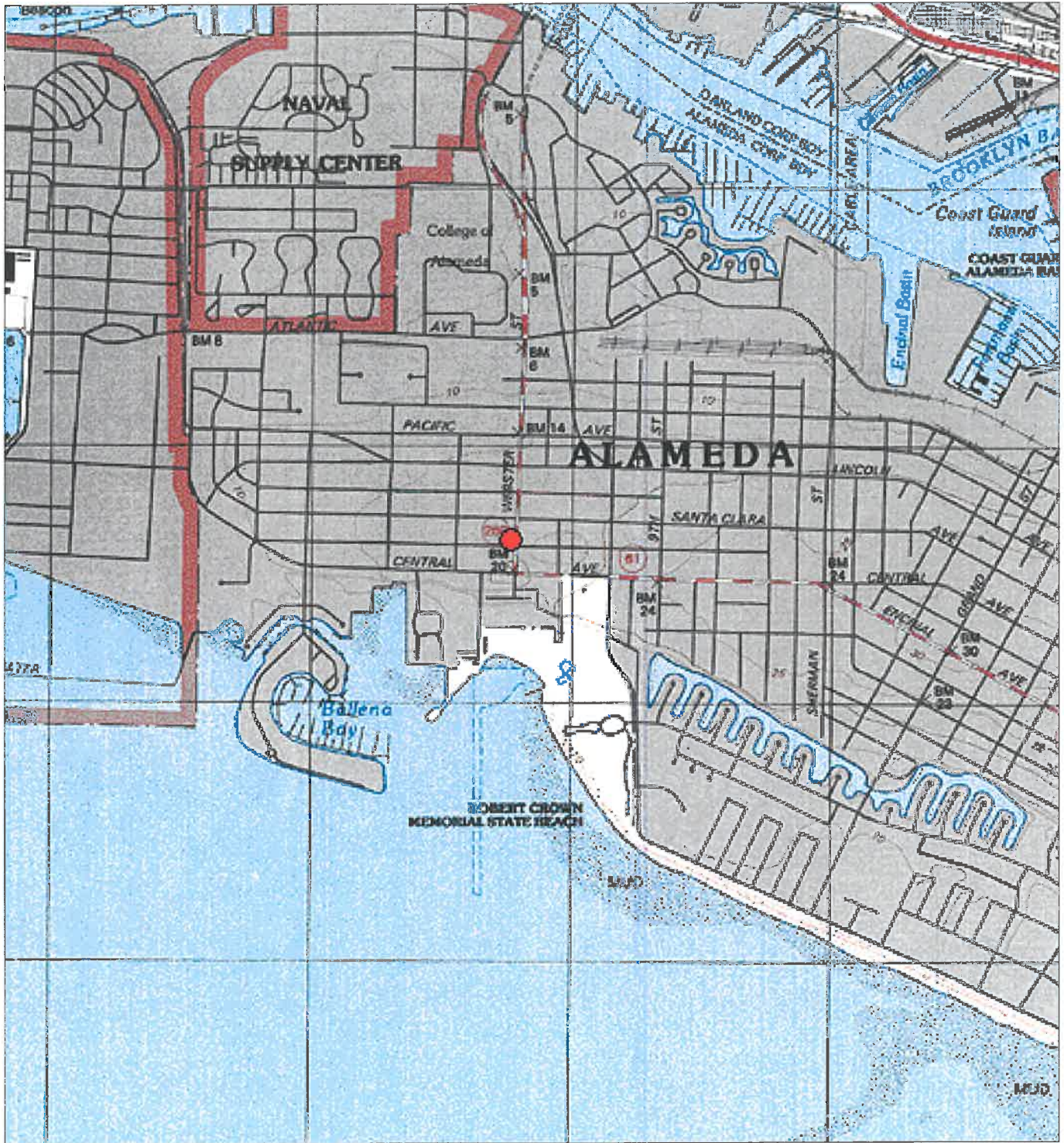
If maximum concentrations are greater than those in Table 1, has a determination been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls?

Yes

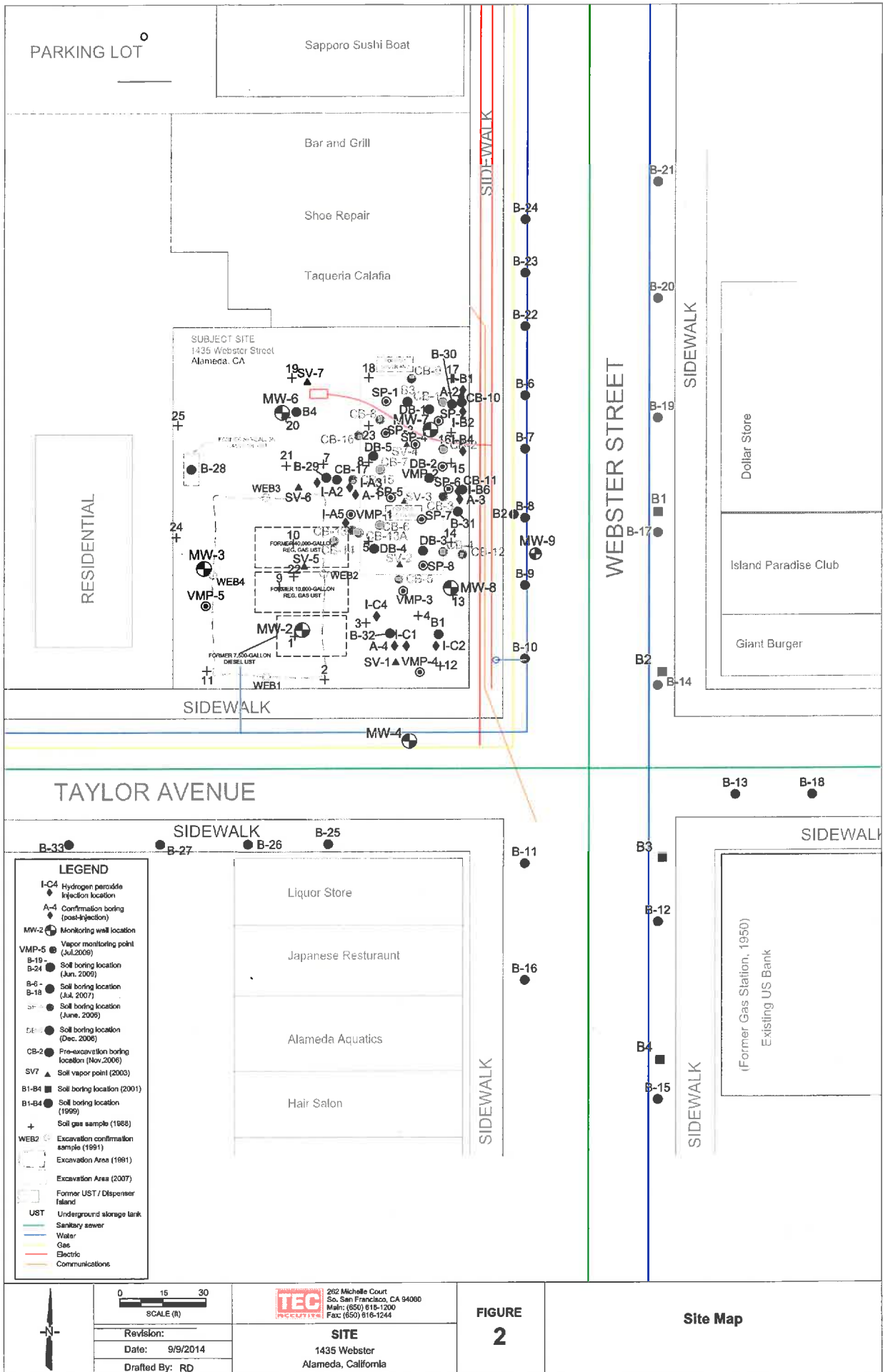
¹Attachment 5 Comments: Soil samples collected and analyzed between depths of 0 to 5-feet below ground surface (bgs) in the former waste oil UST detected polyaromatic hydrocarbons (PAHs) concentrations in exceedance of residential LTCP Criteria but met the Commercial/Industrial and Utility Worker LTCP Criteria. Due to residual contamination at the site, the site is closed as a commercial site with site management requirements. If there is a change in land use to any residential, or conservative land use, or if any redevelopment occurs, Alameda County Environmental health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the site relative to the proposed redevelopment. 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.

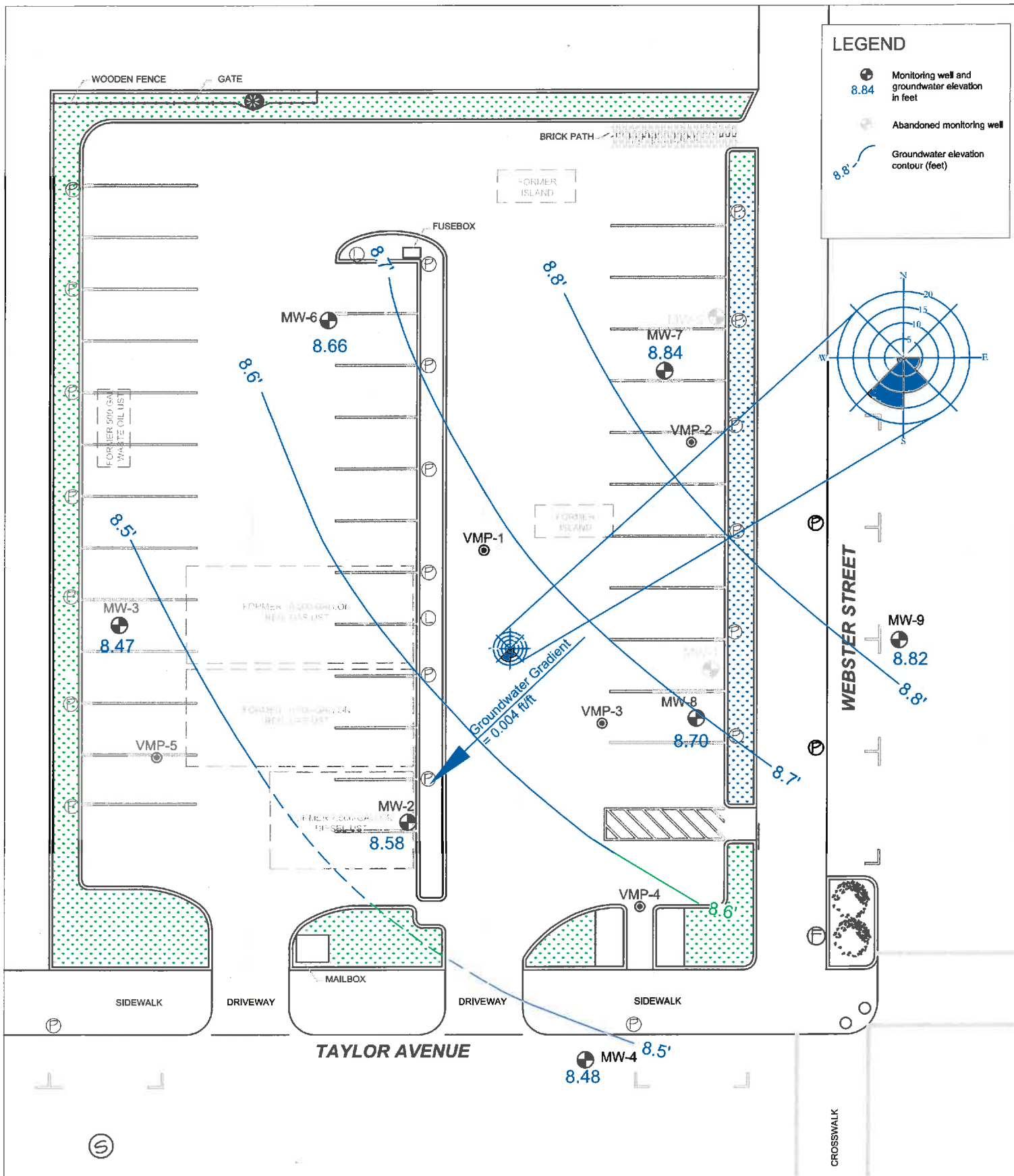
ATTACHMENT 6





	<p>● Site Location</p>	<p>SITE 1435 Webster Street Alameda, California</p>	<p>FIGURE 1</p>	<p>TITLE Vicinity Map</p>
	Map By: TOPO!	<p>262 Michelle Court So. San Francisco, CA 94080 Main: (650) 616-1200 Fax: (650) 616-1244</p>		
	Date: 3/17/2009			
Drafted By: AK				





0 10 20
SCALE (ft)

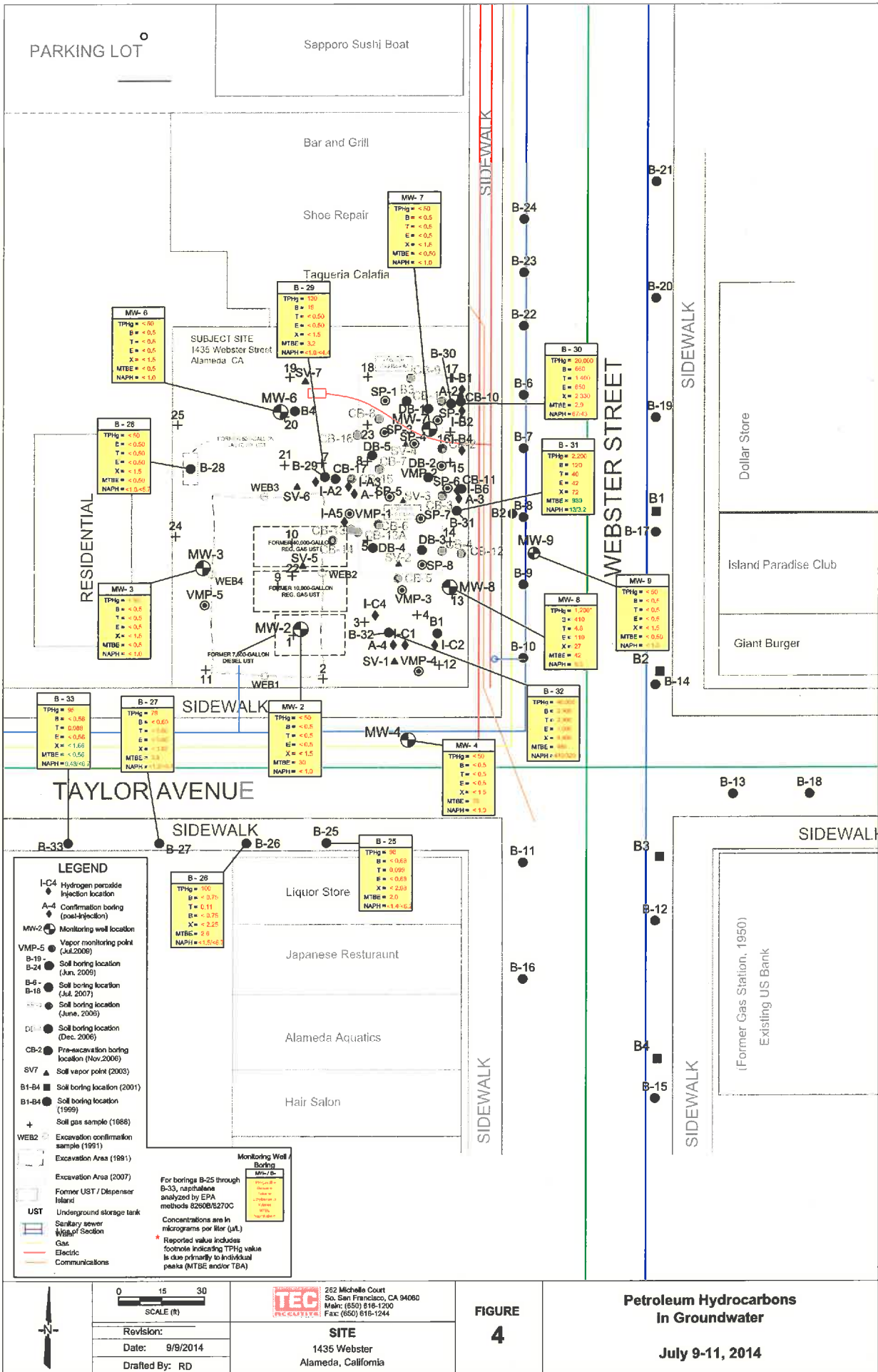
Revision:
Date: 9/9/2014
Drafted By: RD

TEC ACCUTITE
262 Michelle Court
So. San Francisco, CA 94080
Main: (650) 616-1200
Fax: (650) 616-1244

SITE
1435 Webster Street
Alameda, California

FIGURE
3

Groundwater Gradient Map
July 9, 2014



LEGEND

- I-C4 Hydrogen peroxide injection location
- A-4 Confirmation boring (post-injection)
- MW-2 Monitoring well location
- VMP-5 Vapor monitoring point (Jul. 2008)
- B-19, B-24 Soil boring location (Jun. 2009)
- B-6, B-16 Soil boring location (Jul. 2007)
- Soil boring location (June, 2005)
- DB-2 Soil boring location (Dec. 2006)
- CB-2 Pre-excavation boring location (Nov. 2006)
- SV7 Soil vapor point (2003)
- B1-B4 Soil boring location (2001)
- B1-B4 Soil boring location (1999)
- Soil gas sample (1988)
- WEB2 Excavation confirmation sample (1991)
- Excavation Area (1981)
- Excavation Area (2007)
- Former UST / Dispenser Island
- UST Underground storage tank
- Sanitary sewer
- Gas
- Electric
- Communications

Monitoring Well Boring

For borings B-25 through B-33, naphthalene analyzed by EPA methods 8260B/8270C

Concentrations are in micrograms per liter (µL)

* Reported value includes footnote indicating TPHig value is due primarily to individual peaks (MTBE and/or TBA)

0 15 30
SCALE (ft)

Revision:
Date: 9/9/2014
Drafted By: RD

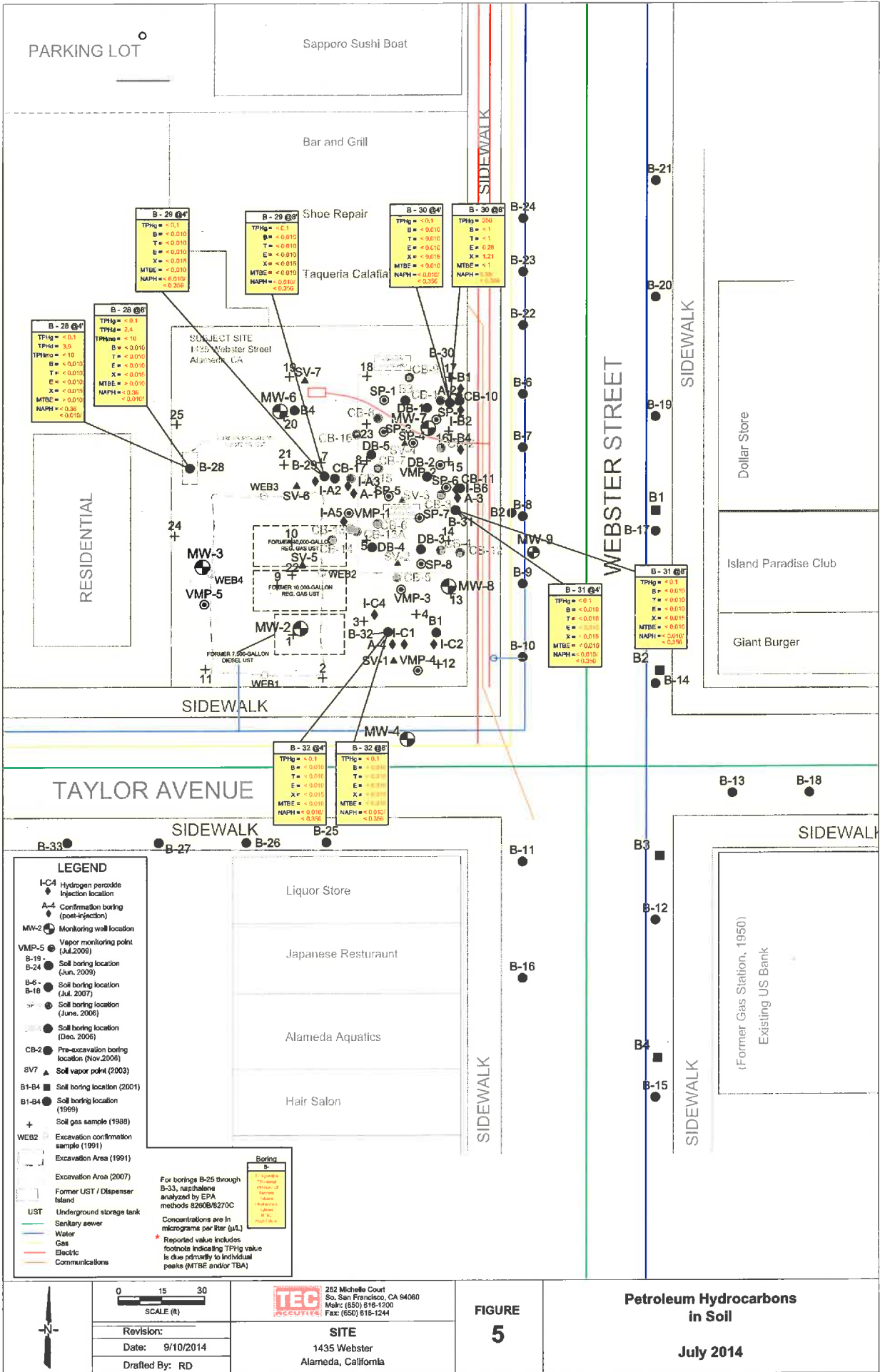
IEC
ANALYTICAL

262 Michelle Court
So. San Francisco, CA 94080
Mak: (650) 816-1200
Fax: (650) 816-1244

SITE
1435 Webster
Alameda, California

FIGURE
4

**Petroleum Hydrocarbons
In Groundwater**
July 9-11, 2014



PARKING LOT

Sapporo Sushi Boat

Bar and Grill

Shoe Repair

Taqueria Calafia

RESIDENTIAL

TAYLOR AVENUE

WEBSTER STREET

Dollar Store

Island Paradise Club

Giant Burger

Liquor Store

Japanese Restaurant

Alameda Aquatics

Hair Salon

(Former Gas Station, 1950)
Existing US Bank

LEGEND

- I-C4 Hydrogen peroxide injection location
- A-4 Confirmation boring (post-injection)
- MW-2 Monitoring well location
- VMP-5 Vapor monitoring point (Jul. 2009)
- B-19 Soil boring location (Jun. 2009)
- B-24 Soil boring location (Jun. 2009)
- B-6 Soil boring location (Jul. 2007)
- B-16 Soil boring location (Jul. 2007)
- Soil boring location (June, 2006)
- Soil boring location (Dec. 2006)
- CB-2 Pre-excavation boring location (Nov. 2006)
- SV7 Soil vapor point (2003)
- B1-B4 Soil boring location (2001)
- B1-B4 Soil boring location (1999)
- Soil gas sample (1988)
- WEB2 Excavation confirmation sample (1991)
- Excavation Area (1991)
- Excavation Area (2007)
- Former UST / Dispenser Island
- UST Underground storage tank
- Sanitary sewer
- Water
- Gas
- Electric
- Communications

For borings B-25 through B-33, naphthalene analyzed by EPA methods 8260/8270C

Concentrations are in micrograms per liter (µL)
* Reported value includes footnote indicating TPHg value is due primarily to individual peaks (MTBE and/or TBA)

Boring

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.358

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.990

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.356

TPHg	B	T	E	X	MTBE	NAPH
350	1.1	1.1	0.28	1.21	< 1	1.38

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	3.9	< 0.010	< 0.010	< 0.010	> 0.010	< 0.010

TPHg	B	T	E	X	MTBE	NAPH
2.4	< 0.010	< 0.010	< 0.010	< 0.010	> 0.010	< 0.010

TPHg	B	T	E	X	MTBE	NAPH
4.5	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.356

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.356

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.356

TPHg	B	T	E	X	MTBE	NAPH
< 0.1	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.356

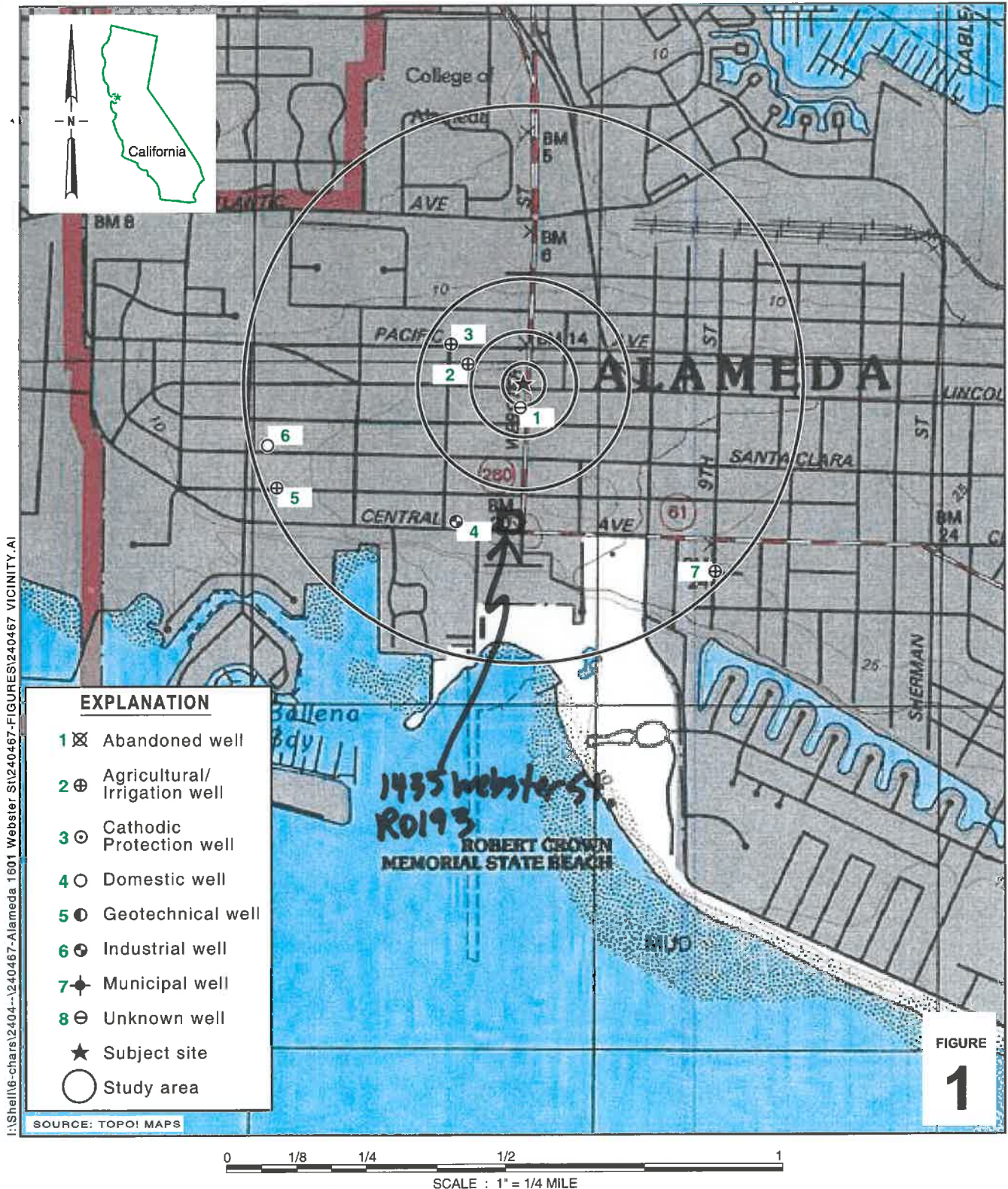
0	15	30
SCALE (ft)		
Revision:		
Date:	9/10/2014	
Drafted By:	RD	

TEC 252 Michelle Court
So. San Francisco, CA 94060
Mtn: (650) 816-1200
Fax: (650) 816-1244

SITE
1435 Webster
Alameda, California

FIGURE
5

**Petroleum Hydrocarbons
in Soil**
July 2014



I:\Shell\8-chars\2404--\240467-Alameda 1601 Webster SU240467-FIGURES\240467 VICINITY.A1

Shell-branded Service Station

1601 Webster Street
Alameda, California



**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map

Table 1. Well Survey Results - Shell-branded Service Station, 1601 Webster Street, Alameda, California

Map ID	State Well ID	Owner Well ID	Distance from Site (feet)	Direction From Site	Use	Well Status	Installation Date	Depth (fbg)	Screened Interval (fbg)	Scaled Interval (fbg)	Comments
1	02S/04W-011M01		150	S	Unk*	Unknown	UNK	200	150-200	NA	*No well found during site recon - assumed destroyed
2	02S/04W-011E01		525	NW	AG	Unknown	6/19/1977	25	15-25	3 inches	
3	02S/04W-011D01		800	NW	AG	Unknown	7/11/1977	32	16-31	0-10	
4	02S/04W-011M01		1,450	SW	IND	Unknown	10/26/1977	88	40-84	0-28	
5	02S/04W-010H01		2,450	SW	AG	Unknown	5/12/1977	35.8	20.8-35.8	0-21	
6	02S/04W-010H02		2,475	SW	DOM	Unknown	5/1/1977	30	23-30	0-20	
7	02S/04W-011M02		2,500	SE	AG	Unknown	10/19/1987	70	24-70	0-20	

Notes and Abbreviations:

Well information provided by the California Department of Water Resources (DWR).

Map ID number refers to map location on Figure 1.

State Well ID = California State well identification number as recorded by the Department of Water Resources in Sacramento, California

Well locations are approximate and have not been field verified unless otherwise noted. The well locations are plotted on Figure 1 based on the information provided on the DWR form.

Well use is based on the information on the DWR form. This information may not be current. Unless otherwise noted, this information has not been confirmed by a field visit.

Monitoring wells were not included in the table or mapped.

fbg = feet below grade

AG = Agricultural

DOM = Domestic

GEO = Geotechnical

IND = Industrial

UNK = Unknown

NA = Not Available

ATTACHMENT 7

Table 1
Summary of Historical Soil Analytical Results - Petroleum Hydrocarbons
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Field Point ID	Date	Depth (ft bsg)	TPH _g	TPH _d	TPH _m	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Pb
Southwest Corner												
1993												
MW-2	6/12/1993	unknown	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-3	6/12/1993	unknown	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	11/10/1999	9	<0.5	<1.0	---	<0.005	<0.005	<0.005	<0.010	<0.005	---	---
B4	6/27/2001	9	<0.5	---	---	<0.005	<0.005	<0.005	<0.01	<0.005	---	---
Northwest Corner												
1999												
CB-14	11/15/2006	8	<0.5	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-14	11/15/2006	12	1.0	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-16	11/15/2006	8	<0.5	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-17	11/15/2006	8	<0.5	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-17	11/15/2006	12	10,000	<50	---	<20	170	120	640	<100	---	---
2011												
I-A3	10/4/2011	9	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	---	---
A-1	12/6/2011	9	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	---	---
2014												
B-29	7/10/2014	4	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010/<0.356**	---
B-29	7/10/2014	8	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010/<0.356**	---
Western Boundary of 2007 Excavation												
2006												
CB-10	11/15/2006	8	2.2	<2.5	1	<0.01	<0.01	0.012	<0.01	<0.05	---	---
CB-10	11/15/2006	12	2,800	<12	1	<10	34	45	200	<50	---	---
CB-11	11/15/2006	8	0.53	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-11	11/15/2006	12	300	<62	1	<2.0	3.8	4.8	25	<10	---	---
CB-12	11/15/2006	8	<0.5	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
CB-12	11/15/2006	12	<0.50	<2.5	---	<0.01	<0.01	<0.01	<0.01	<0.05	---	---
2011												
I-B1	10/4/2011	9	170	5	---	<1	<1	2.3	3.1	<1	---	---
A-2	12/6/2011	9	49	2	---	<0.05	<0.05	<0.05	<0.075	<0.05	---	---
I-B6	10/4/2011	9	150	5	---	<1	<1	2.3	7.4	<1	---	---
A-3	12/6/2011	9	12	2,3	---	<0.05	<0.05	0.13	0.43	<0.05	---	---
2014												
B-30	7/10/2014	4	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010/<0.356**	---
B-30	7/10/2014	8	350	4,6	---	<1	<1	0.28	1.21	<1	0.380*/<0.356**	---
B-31	7/11/2014	4	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010/<0.356**	---
B-31	7/11/2014	8	<0.1	---	---	<0.010	<0.010	<0.010	<0.015	<0.010	<0.010/<0.356**	---

Table 1
Summary of Historical Soil Analytical Results - Petroleum Hydrocarbons
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Field Point ID	Date	Depth (ft bsg)	Concentrations in milligrams per kilogram											
			TPHg ESL	TPHd 100	TPHmo 100	Benzene 0.044	Toluene 2.9	Ethylbenzene 3.3	Xylenes 2.3	MTBE 0.023	Naphthalene 1.2	Pb 80		
Southeast Corner														
B1	6/27/2001	9	<0.5	--	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.01	<0.005	--	--
MW-8	3/9/2007	10	<0.1	<2.5	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	--
I-C1	10/4/2011	9	<0.1	--	--	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	--	--
A-4	12/6/2011	9	<0.1	--	--	<0.01	<0.01	<0.01	<0.015	<0.01	<0.015	<0.01	--	--
B-32	7/11/2014	4	<0.1	--	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.015	<0.010	<0.010	<0.356**
B-32	7/11/2014	8	<0.1	--	--	<0.010	<0.010	<0.010	<0.015	<0.010	<0.015	<0.010	<0.010	<0.356**
Offsite - East and Southeast														
1999														
B1	2/11/1999	7.5	0.65	<1.0	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	<1.0
B2	2/11/1999	7.5	<0.5	<1.0	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	2.0
B3	2/11/1999	6	<0.5	<1.0	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	1.2
B4	2/11/1999	7.5	<0.5	<1.0	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	1.2
MW-4	11/11/1999	9.5	<0.5	<1.0	--	<0.005	<0.005	<0.005	<0.010	<0.005	<0.010	<0.005	--	--
B2	6/27/2001	9	<0.5	--	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.01	<0.005	--	--
2007														
B-6	7/11/2007	8	0.196 ³	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-6	7/11/2007	11	11.2 ⁵	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-7	7/11/2007	6	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-7	7/11/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-8	7/11/2007	6	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-8	7/11/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-9	7/11/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-9	7/11/2007	11	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-10	7/11/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-10	7/11/2007	11	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-11	7/11/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-11	7/11/2007	11	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-12	7/11/2007	10	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-12	7/11/2007	12	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-13	7/10/2007	10	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-13	7/10/2007	12	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-14	7/10/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-14	7/10/2007	10	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-17	7/10/2007	8	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-17	7/10/2007	10	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-18	7/10/2007	10	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--
B-18	7/10/2007	12	<0.1	--	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.01	--	--



Table 1
Summary of Historical Soil Analytical Results - Petroleum Hydrocarbons
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Field Point ID	Date	Depth (ft bsg)	Concentrations in milligrams per kilogram									
			TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Pb
ESL			100	100	100	0.044	2.9	3.3	2.3	0.023	1.2	80
Offsite - East and Southeast (continued)												
2009												
B-19	7/7/2009	8	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-19	7/7/2009	12	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-20	7/7/2009	6	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-21	7/7/2009	6	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-21	7/7/2009	11	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-22	7/7/2009	8	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-22	7/7/2009	14	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-23	7/7/2009	8	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-23	7/7/2009	14	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-24	7/7/2009	8	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
B-24	7/7/2009	14	<1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
MW-9	7/13/2009	8	<0.1	---	---	<0.1	<0.1	<0.1	<0.15	<0.1	---	---
MW-9	7/13/2009	20*	<0.1	---	---	<0.11	<0.11	<0.11	<0.17	<0.11	---	---
Former Waste Oil UST												
2014												
B-28	7/10/2014	4	<0.1	3.9	7	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.360**
B-28	7/10/2014	8	<0.1	2.4	7	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.360**
Removed During Excavation												
MW-1	6/12/1983	unknown	ND	ND	ND	ND	ND	ND	ND	ND	ND	---
MW-5	11/10/1989	9.5	1,100	200	---	3.4	21	14	70	<0.005	---	---
B3	6/27/2001	9	<0.5	---	---	<0.005	<0.005	<0.005	<0.01	<0.005	---	---
SP-1	6/12/2006	7.5	1,600	2	4	0.44	5	38	190	<4	---	---
SP-1	6/12/2006	10	1,530	12	4	3.5 ^J	23	28	150	<4	---	---
SP-2	6/12/2006	7	586	3	4	0.033	<1	3.1	13	<2	---	---
SP-2	6/12/2006	10	360	3	4	0.4	0.58 ^J	4.9	23	<2	---	---
SP-3	6/12/2006	8	114	3	4	<1	2.2	1.7 ^J	9.4	<2	---	---
SP-3	6/12/2006	10	96.3	3	4	0.46	1.4 ^J	1.2 ^J	7	<2	---	---
SP-4	6/12/2006	4	0.0308	<2	4	<0.01	0.01	0.01	0.051	<0.01	---	---
SP-4	6/12/2006	7.5	1,240	29	4	0.72	2	12	61	<4	---	---
SP-4	6/12/2006	10	1,410	150	4	6.30	45	18	93	<4	---	---
SP-5	6/12/2006	7	758	2	4	0.24	1.7 ^J	4	35	<4	---	---
SP-5	6/12/2006	10	1,100	2	4	0.39	16	23	140	<4	---	---
SP-6	6/12/2006	7	5.83	3	4	0.019 ^J	0.037	0.48	0.71	<0.025	---	---
SP-6	6/12/2006	10	2.78	3	4	<0.02	0.0066	0.027	0.063	<0.02	---	---
SP-7	6/12/2006	7.5	1,100	3	4	0.032	0.027	0.066	0.29	<0.02	---	---
SP-7	6/12/2006	10	328	3	4	0.019 ^J	2.1 ^J	3.3 ^J	18	<4	---	---
SP-8	6/12/2006	7	3,430	270	4	0.21	4.8 ^J	40	160	<20	---	---
SP-8	6/12/2006	10	1,350	160	4	<10	20	31	160	<20	---	---



Table 1
Summary of Historical Soil Analytical Results - Petroleum Hydrocarbons
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Field Point ID	Date	Depth (ft bsg)	Concentrations in milligrams per kilogram																					
			TPHg 100	TPHd 100	TPHmo 100	Benzene 0.044	Toluene 2.9	Ethylbenzene 3.3	Xylenes 2.3	MTBE 0.023	Naphthalene 1.2	Pb 80												
Removed During Excavation (continued)																								
CB-2	11/15/2006	6	<0.5	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	
CB-2	11/15/2006	10	8,800	<120	1	<20	190	<0.01	92	490	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CB-4	11/15/2006	8	<0.5	<2.5	1	<5.0	14	<0.01	21	52	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CB-4	11/15/2006	12	2,100	<120	1	<0.01	<0.01	<0.01	0.013	0.067	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CB-5	11/15/2006	8	<0.5	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-5	11/15/2006	12	0.7	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-6	11/15/2006	8	<0.5	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-6	11/15/2006	12	8,000	<12	1	57	190	94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CB-7	11/15/2006	12	---	---	---	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-8	11/15/2006	8	<0.5	<2.5	1	<5.0	<5.0	<0.01	26	150	<0.01	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
CB-8	11/15/2006	10	1,800	<5.0	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-9	11/15/2006	8	<0.5	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
CB-9	11/15/2006	10	<0.5	<2.5	1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Notes:
 Highlighed row = recent data
 ESL = Environmental Screening Level, Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Tier 1 ESLs, SFRWQCB, December 2013.
 --- = Not Analyzed
 ND = Not detected at or above laboratory reporting limits; reporting limits not available.
 <X = Not detected at or above laboratory reporting limit shown.
 TPHg = Total petroleum hydrocarbons as gasoline, EPA Method 8015; 2009 samples by EPA Method 8260.
 TPHd = Total petroleum hydrocarbons as diesel, EPA Method 8015.
 Benzene, Ethylbenzene, Toluene, Xylenes, EPA Method 8020; 2009 samples by EPA Method 8260.
 MTBE = Methyl tert-butyl ether, EPA Method 8020; 2009 samples by EPA Method 8260.
 Pb = Lead, Method 7420
 * = dry weight analysis.
 ** = analyzed by EPA Methods 8260B/8270C
 1 No diesel pattern present.
 2 Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (possibly aged gasoline).
 3 Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (heavy end).
 4 Sample chromatogram does not resemble typical diesel pattern. Unidentified lighter end hydrocarbons within the diesel range quantified as diesel.
 5 Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline (includes non-target compounds).
 6 Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.
 7 Diesel result due to unknown organics within quantified range.
 8 Value should be considered estimated.

Table 2
Summary of Historical Soil Analytical Results - Metals
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Field Point ID	Date	Depth (ft bsg)	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
		ESL	0.39	750	12	1,000	80	6.7	10	20
Former Waste Oil Tank										
B-28	7/10/2014	4	2.3	47	<1	24	<1	<0.5	<1	<1
B-28	7/10/2014	8	2.6	48	<1	27	<1	<0.5	<1	<1

Notes:
 ESL = Environmental Screening Level, Screening for Environmental Concerns at Sites With Contaminated Soil and Groundwater, Tier 1 ESLs, SFRWQCB, December 2013.
 ft bsg = feet below surface grade
 <X = Not detected at or above laboratory reporting limits
 Arsenic, barium, cadmium, chromium, lead, selenium and silver by EPA Method 6020.
 Mercury by EPA method 7471A

Table 3
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)		
MW-1	19.53	6/3/1993	(1)	—		
		9/14/1994	11.46	8.07		
		12/30/1994	9.22	10.31		
		3/26/1995	6.76	12.77		
		7/9/1995	8.92	10.61		
		7/31/1998	8.30	11.23		
		2/11/1999	7.91	11.62		
		6/23/1999	9.03	10.50		
		12/6/1999	10.86	8.67		
		3/16/2000	6.93	12.60		
		6/13/2000	8.73	10.80		
		9/29/2000	10.18	9.35		
		3/22/2001	8.24	11.29		
		6/25/2001	9.73	9.80		
		9/28/2001	11.06	8.47		
		12/26/2001	8.11	11.42		
		07/07/05	8.69	10.84		
		10/19/2005	10.25	9.28		
		1/13/2006	7.09	12.44		
		5/5/2006	6.40	13.13		
		7/19/2006	8.28	11.25		
		10/5/2006	9.67	9.86		
		*****Abandoned 12/27/2006*****				
		MW-2	19.80	6/3/1993	9.54	10.26
				9/14/1994	11.82	7.98
12/30/1994	9.46			10.34		
3/26/1995	6.82			12.98		
7/9/1995	9.22			10.58		
7/31/1998	8.56			11.24		
2/11/1999	8.12			11.68		
6/23/1999	9.33			10.47		
12/6/1999	11.20			8.60		
3/16/2000	6.88			12.92		
6/13/2000	8.99			10.81		
9/29/2000	10.40			9.40		
3/22/2001	8.46			11.34		
6/25/2001	10.11			9.69		
9/28/2001	11.40			8.40		
12/26/2001	8.28			11.52		
7/7/2005	8.99			10.81		
10/19/2005	10.63			9.17		
1/13/2006	7.15			12.65		
5/5/2006	6.43			13.37		
7/19/2006	8.57			11.23		
10/5/2006	10.05			9.75		
3/29/2007	8.83			10.97		
6/27/2007	9.86			9.94		
9/19/2007	10.89			8.91		
12/19/2007	10.78			9.02		
3/6/2008	8.48			11.32		
6/18/2008	10.23			9.57		
9/10/2008	11.36			8.44		
12/10/2008	11.89			7.91		
3/4/2009	8.68	11.12				
6/3/2009	9.91	9.89				
8/27/2009	11.16	8.64				
12/10/2009	11.32	8.48				
3/10/2010	7.99	11.81				
6/10/2010	9.13	10.67				
9/22/2010	10.95	8.85				
4/19/2011	7.43	12.37				
9/30/2011	10.54	9.26				
12/6/2011	10.79	9.01				
9/5/2012	10.75	9.05				
7/11/2013	10.60	9.20				
7/9/2014	11.22	8.56				



Table 3
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-3	19.79	6/3/1993	9.80	9.99
		9/14/1994	12.19	7.60
		12/30/1994	9.72	10.07
		3/26/1995	6.88	12.91
		7/9/1995	9.52	10.27
		7/31/1998	8.40	11.39
		2/11/1999	7.77	12.02
		6/23/1999	9.21	10.58
		12/6/1999	11.12	8.67
		3/16/2000	6.48	13.31
		6/13/2000	8.76	11.03
		9/29/2000	10.20	9.59
		3/22/2001	8.24	11.55
		6/25/2001	10.04	9.75
		9/28/2001	11.34	8.45
		12/26/2001	8.01	11.78
		7/7/2005	8.84	10.95
		10/19/2005	10.58	9.21
		1/13/2006	6.85	12.94
		5/5/2006	6.11	13.66
		7/19/2006	8.41	11.38
		10/5/2006	10.02	9.77
		3/29/2007	9.71	10.08
		6/27/2007	9.82	9.97
		9/19/2007	10.88	8.91
		12/19/2007	10.68	9.11
		3/6/2008	8.30	11.49
		6/18/2008	10.18	9.61
		9/10/2008	11.33	8.46
		12/10/2008	11.89	7.90
		3/4/2009	8.40	11.39
		6/3/2009	9.81	9.98
		8/27/2009	11.18	8.61
		12/10/2009	11.30	8.49
		3/10/2010	7.78	12.01
		6/10/2010	9.02	10.77
		9/22/2010	10.96	8.83
		4/19/2011	7.22	12.57
		9/30/2011	10.52	9.27
		12/6/2011	10.78	9.01
9/5/2012	10.82	8.97		
7/11/2013	10.60	9.19		
		7/9/2014	11.32	8.47
MW-4	19.30	12/6/1999	10.79	8.51
		3/16/2000	6.86	12.44
		6/13/2000	8.18	11.12
		9/29/2000	10.11	9.19
		4/5/2001	8.26	11.04
		6/25/2001	9.68	9.62
		9/28/2001	10.98	8.32
		12/26/2001	8.18	11.12
		7/7/2005	8.77	10.53
		10/19/2005	10.24	9.06
		1/13/2006	(1)	(1)
		5/5/2006	(1)	(1)
		7/19/2006	8.38	10.92
		10/5/2006	9.65	9.65
		3/29/2007	8.55	10.75
		6/27/2007	9.40	9.90
		9/19/2007	10.45	8.85
		12/19/2007	10.35	8.95
		3/6/2008	8.25	11.05
		6/18/2008	9.80	9.50
		9/10/2008	10.89	8.41
		12/10/2008	11.43	7.87
		3/4/2009	8.47	10.83
		6/3/2009	9.53	9.77
		8/27/2009	10.72	8.58
		12/10/2009	10.85	8.45
3/10/2010	7.87	11.43		
6/10/2010	8.87	10.43		
9/22/2010	10.52	8.78		
4/19/2011	7.43	11.87		
9/30/2011	10.15	9.15		
12/6/2011	10.41	8.89		
9/5/2012	10.36	8.94		
7/11/2013	10.19	9.11		



Table 3
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-4		7/9/2014	10.82	8.48
MW-5	18.99	12/6/1999	10.17	8.82
		3/16/2000	6.28	12.71
		6/13/2000	7.95	11.04
		9/29/2000	9.54	9.45
		3/22/2001	7.48	11.51
		6/25/2001	9.05	9.94
		9/28/2001	10.39	8.60
		12/26/2001	7.28	11.71
		8/24/2005	7.87	11.12
		10/19/2005	9.51	9.48
		1/13/2006	6.35	12.64
		5/5/2006	5.64	13.35
		7/19/2006	7.41	11.58
		10/5/2006	8.89	10.10
		*****Abandoned 12/27/2006*****		
MW-6	20.27	12/6/1999	11.46	8.81
		3/16/2000	8.32	11.95
		6/13/2000	9.14	11.13
		9/29/2000	10.81	9.46
		3/22/2001	8.64	11.63
		6/25/2001	10.39	9.88
		9/28/2001	11.70	8.57
		12/26/2001	8.40	11.87
		7/7/2005	9.10	11.17
		10/19/2005	10.88	9.39
		1/13/2006	7.33	12.94
		5/5/2006	6.53	13.74
		7/19/2006	8.64	11.63
		10/5/2006	10.29	9.98
		3/29/2007	9.01	11.26
		6/27/2007	10.14	10.13
		9/19/2007	11.17	9.10
		12/19/2007	10.99	9.28
		3/6/2008	8.65	11.62
		6/18/2008	10.46	9.81
		9/10/2008	11.64	8.63
		12/10/2008	12.18	8.09
		3/4/2009	8.86	11.41
		6/3/2009	10.07	10.20
		8/27/2009	11.45	8.82
		12/10/2009	11.61	8.66
		3/10/2010	8.19	12.08
		6/10/2010	9.30	10.97
		9/22/2010	11.28	8.99
		4/19/2011	7.59	12.68
		9/30/2011	10.81	9.46
		12/6/2011	11.13	9.14
		9/5/2012	11.10	9.17
		7/11/2013	10.83	9.44
		7/9/2014	11.61	8.66
MW-7	18.93	3/29/2007	7.90	11.03
		6/27/2007	8.87	10.06
		9/19/2007	9.88	9.05
		12/19/2007	9.72	9.21
		3/6/2008	7.52	11.41
		6/18/2008	9.13	9.80
		9/10/2008	10.29	8.64
		12/10/2008	10.81	8.12
		3/4/2009	7.89	11.04
		6/3/2009	8.70	10.23
		8/27/2009	10.05	8.88
		12/10/2009	10.21	8.72
		3/10/2010	7.16	11.77
		6/10/2010	8.58	10.35
		9/22/2010	9.89	9.04
		4/19/2011	6.58	12.35
		9/30/2011	9.48	9.45
		12/6/2011	9.68	9.25
		9/5/2012	9.68	9.25
		7/11/2013	9.32	9.61
		7/9/2014	10.09	8.84

Table 3
Summary of Historical Groundwater Elevation Data
Former Olympian Service Station
1435 Webster Street
Alameda, California

Well ID	TOC Elevation (ft)	Sample Date	Depth to Water (ft)	Groundwater Elevation (ft)
MW-8	19.33	3/29/2007	8.40	10.93
		6/27/2007	9.33	10.00
		9/19/2007	10.31	9.02
		12/19/2007	10.23	9.10
		3/6/2008	9.14	10.19
		6/18/2008	9.74	9.59
		9/10/2008	10.76	8.57
		12/10/2008	11.31	8.02
		3/4/2009	8.59	10.74
		6/3/2009	9.51	9.82
		8/27/2009	10.57	8.76
		12/10/2009	10.72	8.61
		3/10/2010	7.77	11.56
		6/10/2010	8.01	11.32
		9/22/2010	10.39	8.94
		4/19/2011	7.36	11.97
		9/30/2011	9.97	9.36
		12/6/2011	10.22	9.11
9/5/2012	10.18	9.15		
7/11/2013	9.97	9.36		
		7/9/2014	10.63	8.70
MW-9	18.83	8/27/2009	10.01	8.82
		12/10/2009	10.16	8.67
		3/10/2010	7.31	11.52
		6/10/2010	8.14	10.69
		9/22/2010	9.86	8.97
		4/19/2011	6.86	11.97
		9/30/2011	9.48	9.35
		12/6/2011	9.65	9.18
		9/5/2012	9.60	9.23
		7/11/2013	9.35	9.48
		7/9/2014	10.01	8.82

Notes:
TOC = Top of Casing
ft = Feet
-- = Not Available
(1) = Well not accessible due to obstruction by a parked car

Table 4
 Summary of Historical Groundwater Monitoring Analytical Data
 Former Olympan Service Station
 1435 Webster Street
 Alameda, California

Well ID	Sample Date	TPHd	TPHg	Concentrations in micrograms per liter (µg/L)						MTBE	TRPH	DIPE	TBA	1,2-DCA
				B	T	E	X							
				1.0	40	30	20	5.0						
	ESL	100	100									12	0.5	
MW-1	6/3/1993	—	—	—	—	—	—	—	—	—	—	—	—	
	9/14/1994	<50	14,000	44	28	25	50	—	800	—	—	—	—	
	12/30/1994	<50	4,000	12	9	6.8	30	—	<500	—	—	—	—	
	3/26/1995	<50	1,000	21	10	7.1	25	—	2,100	—	—	—	—	
	7/9/1995	<50	16,000	57	28	25	53	—	—	—	—	—	—	
	7/31/1998	1,700	4,700	1,300	48	140	150	5,600	<5000	—	—	—	—	
	2/11/1999	2000	25,900	18,000	1,800	1,400	500	28,000	—	—	—	—	—	
	6/23/1999	4,800	42,900	11,900	1,100	1,500	2,300	15,000	—	—	—	—	—	
	12/6/1999	4,000	44,800	8,900	5,400	1,900	5,100	11,000	—	—	—	—	—	
	3/16/2000	700	5,100	2,400	100	280	460	2,700	2	—	—	—	—	
	6/13/2000	2,800	17,000	5,300	260	720	790	7,000	2	—	—	—	—	
	9/29/2000	5,200	50,000	11,000	2,900	1,900	4,600	7,200	2	—	—	—	—	
	3/22/2001	1,500	8,800	2,600	750	250	950	3,200	2	—	—	—	—	
	6/25/2001	—	18,000	1,200	1,800	970	3,200	1,500	2	—	—	—	—	
	9/28/2001	—	48,000	5,200	6,100	2,200	8,100	4,000	—	—	—	—	—	
	12/26/2001	—	524	216	1.2	8.6	7.4	721	—	—	—	—	—	
	7/7/2005	—	1,500	190	15	36	29	1,100	—	<20	—	—	50	
	10/19/2005	—	11,000	2,100	45	370	82	4,800	—	<250	<500	—	200	
	1/13/2006	—	5,400	680	37	83	41	3,900	—	<250	<500	—	180	
	5/5/2006	—	<25	2	<0.5	<0.5	<0.5	2.2	—	<5.0	<10	—	<0.5	
	7/19/2006	—	5,000	836	22.3	107	81.8	1,130	—	<4.2	<84	—	54.1	
10/5/2006	—	23,000	3,740	112	395	161	6,020	—	13.5	546	—	219		
*****Well Abandoned 12/27/1202*****														
MW-2	6/3/1993	<50	<50	5.8	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	12/30/1994	<50	180	1.4	1.4	0.8	5	—	<500	—	—	—	—	
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	7/9/1995	—	—	—	—	—	—	—	—	—	—	—	—	
	7/31/1998	220	<50	<0.5	<0.5	<0.5	<0.5	73	<500	—	—	—	—	
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	75	—	—	—	—	—	
	6/23/1999	420	<50	<0.5	<0.5	<0.5	<0.5	98	—	—	—	—	—	
	12/6/1999	<110	300	28	45	6	37	210	—	—	—	—	—	
	3/16/2000	<50	<50	1	<0.5	0.5	1	3	—	—	—	—	—	
	6/13/2000	<50	68	0.8	<0.5	<0.5	<0.5	38	—	—	—	—	—	
	9/29/2000	<50	87	0.8	0.5	<0.5	1	85	—	—	—	—	—	
	3/22/2001	<50	<50	1	0.5	<0.5	1	14	—	—	—	—	—	
	6/25/2001	—	<50	<0.5	<0.5	<0.5	<1.0	13	—	—	—	—	—	
	9/28/2001	—	300	4	6	3	10	130	—	—	—	—	—	
	12/26/2001	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	—	—	—	—	
	7/7/2005	—	<50	<0.5	<0.5	<0.5	<1.0	20	—	<1.0	—	—	1.1	
	10/19/2005	—	29	1.4	<0.5 ³	<0.5	<0.5	19	—	<5.0	<10	—	0.95	
	1/13/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	—	<0.5	
	5/5/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	—	<0.5	
	7/19/2006	—	<50	<0.5	<0.5	<0.5	<1.5	16.6	—	<0.5	<10	—	1.24	
	10/5/2006	—	<50	<0.5	<0.5	<0.5	<1.5	11.9	—	<0.5	<10	—	0.750	
	3/29/2007	—	<50	<0.5	<0.5	<0.5	<1.5	3.96	—	<0.5	<10	—	<0.5	
	6/27/2007	—	<50	<0.5	<0.5	<0.5	<1.5	10.5	—	<0.5	<10	—	0.820	
	9/19/2007	—	52	<0.5	<0.5	<0.5	<1.5	18.1	—	<0.5	<10	—	0.710	
	12/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	22.9	—	<0.5	<10	—	0.840	
	3/6/2008	—	<50	<0.5	<0.5	<0.5	<1.5	1.02	—	<0.5	<10	—	<0.5	
	6/18/2008	—	<50	<0.5	<0.5	<0.5	<1.5	36.9	—	<0.5	<10	—	0.880	
	9/10/2008	—	69	<0.5	<0.5	<0.5	<1.5	24.6	—	<0.5	<10	—	0.810	
	12/10/2008	—	84	<0.5	<0.5	<0.5	<1.5	30.2	—	<0.5	<10	—	0.650	
	3/4/2009	—	<50	<0.5	<0.5	<0.5	<1.5	3.15	—	<0.5	<10	—	<0.5	
6/3/2009	—	<55	<0.55	<0.55	<0.55	<1.8	35	—	<0.55	<11	—	0.55		
8/27/2009	—	<50	<0.5	<0.5	<0.5	<1.5	73	—	<0.5	23	—	1.1		
3/11/2010	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<30	—	<0.5		
9/22/2010	—	<50	<0.5	<0.5	<0.5	<1.5	44	—	<0.5	<5.0	—	1.3		
4/19/2011	—	<50	<0.5	<0.5	<0.5	<1.5	2.4	—	<0.5	<5.0	—	—		
9/30/2011	—	<50	<0.5	<0.5	<0.5	<1.5	12	—	<0.5	<5.0	—	0.80		
10/26/2011	—	<50	<0.5	<0.5	<0.5	<1.5	20	—	<0.5	<5.0	—	—		
12/6/2011	—	<50	<0.5	<0.5	<0.5	<1.5	15	—	<0.5	<5.0	—	—		
9/5/2012	—	<50	<0.5	<0.5	<0.5	<1.5	20	—	<0.5	<5.0	—	—		
7/11/2013	—	<50	<0.5	<0.5	<0.5	<1.5	25	—	<0.5	<5.0	—	—		
7/9/2014	—	<50	<0.5	<0.5	<0.5	<1.5	30	—	<0.5	<5.0	—	—		
MW-3	6/3/1993	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	9/14/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	12/30/1994	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	3/26/1995	<50	<50	<0.5	<0.5	<0.5	<0.5	—	<500	—	—	—	—	
	7/9/1995	—	—	—	—	—	—	—	—	—	—	—	—	
	7/31/1998	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5000	—	—	—	—	
	2/11/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	—	—	—	—	—	
	6/23/1999	<50	<50	<0.5	<0.5	<0.5	<0.5	3	—	—	—	—	—	
	12/6/1999	<110	<50	3	1	<0.5	1	0.6	—	—	—	—	—	
	3/16/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	1	—	—	—	—	—	
	6/13/2000	<50	490	0.8	<0.5	<0.5	9	2	2	—	—	—	—	
	9/29/2000	<50	57	<0.5	<0.5	<0.5	<1.0	<1.0	—	—	—	—	—	
	3/22/2001	<50	<50	<0.5	<0.5	<0.5	<1.0	2	—	—	—	—	—	
	6/25/2001	—	<50	<0.5	<0.5	<0.5	<1.0	0.9	—	—	—	—	—	
	9/28/2001	—	91	<0.5	<0.5	<0.5	2	2	—	—	—	—	—	
	12/26/2001	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	—	—	—	—	
	7/7/2005	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	<1.0	—	—	<0.5	
	10/19/2005	—	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	—	<5.0	<10	—	<0.5	
	1/13/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	—	<0.5	
	5/5/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	—	<0.5	
	7/19/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	10/5/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	3/29/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	6/27/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	9/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	12/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	—	<0.5	
	3/6/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5</						

Table 4
Summary of Historical Groundwater Monitoring Analytical Data
 Former Olympian Service Station
 1435 Webster Street
 Alameda, California

Well ID	Sample Date	TPHd	TPHg	Concentrations in micrograms per liter (µg/L)									
				B	T	E	X	MTBE	TRPH	DIPE	TBA	1,2-DCA	
	<i>ESL</i>	100	100	1.0	40	30	20	5.0	—	—	12	0.5	
MW-4	12/6/1999	180	<50	3	2	0.6	4	140	—	—	—	—	
	3/16/2000	90	<50	0.5	0.5	<0.5	2	34	—	—	—	—	
	6/13/2000	<50	56	<0.5	<0.5	<0.5	<1.0	1	—	—	—	—	
	9/29/2000	<50	92	0.7	<0.5	<0.5	3	<1.0	—	—	—	—	
	4/5/2001	<50	51	<0.5	0.5	<0.5	1	6	—	—	—	—	
	6/25/2001	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	—	—	—	
	9/28/2001	—	<50	<0.5	<0.5	<0.5	2	2	—	—	—	—	
	12/26/2001	—	<50	1.6	1.7	1.6	4.4	2.7	—	—	—	—	
	7/7/2005	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	<1.0	—	<0.5	
	10/19/2005	—	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	—	<5.0	<10	<0.5	
	7/19/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5	
	10/5/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5	
	Post excavation	3/29/2007	—	<50	<0.5	<0.5	<0.5	<1.5	0.60	—	<0.5	<10	<0.5
		6/27/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		9/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	1.38	—	<0.5	<10	<0.5
		12/19/2007	—	69	<0.5	<0.5	<0.5	<1.5	2.20	—	<0.5	<10	0.580
		3/6/2008	—	<50	<0.5	<0.5	<0.5	<1.5	70	—	<0.5	<10	<0.5
		6/18/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		9/10/2008	—	<50	<0.5	<0.5	<0.5	<1.5	0.700	—	<0.5	<10	<0.5
		12/10/2008	—	<50	<0.5	<0.5	<0.5	<1.5	2.04	—	<0.5	<10	<0.5
		3/4/2009	—	<50	<0.5	<0.5	<0.5	<1.5	2.96	—	<0.5	<10	<0.5
		6/3/2009	—	<50	<0.5	<0.5	<0.5	<1.5	1.5	—	<0.5	<10	<0.5
		8/27/2009	—	<50	<0.5	<0.5	<0.5	<1.5	4.9	—	<0.5	11	1.3
		12/10/2009	—	<50	<0.5	<0.5	<0.5	<1.5	4.1	—	<0.5	<5	0.71
		3/11/2010	—	<50	<0.5	<0.5	<0.5	<1.5	9.8	—	<0.5	<30	<0.5
6/10/2010		—	<50	<0.5	<0.5	<0.5	0.52	8.5	—	<0.5	6.1	1.8	
9/22/2010		—	<50	<0.5	<0.5	<0.5	<1.5	5.2	—	<0.5	5.1	1.1	
4/16/2011		—	<50	<0.5	<0.5	<0.5	<1.5	6.1	—	<0.5	<5.0	—	
9/30/2011		—	73	<0.5	<0.5	<0.5	<1.5	70	—	<0.5	<5.0	2.4	
10/28/2011		—	<50	<0.5	<0.5	<0.5	<1.5	80	—	<0.5	<5.0	—	
12/6/2011		—	110	<0.5	<0.5	<0.5	<1.5	140	—	<0.5	14	—	
9/5/2012		—	79	<0.5	<0.5	<0.5	<1.5	140	—	<0.5	<5.0	—	
7/11/2013		—	60	<0.5	<0.5	<0.5	<1.5	59	—	<0.5	<5.0	—	
7/9/2014		—	<50	<0.5	<0.5	<0.5	<1.5	35	—	<0.5	<5.0	—	
MW-5		12/6/1999	2,800	30,000	2,200	3,300	910	7000	670	—	—	—	—
		3/16/2000	1,100	3,500	1,100	260	210	6300	280	—	—	—	—
		6/13/2000	1,100	6,500	2,200	360	360	730	480	—	—	—	—
	9/29/2000	700	3,600	990	120	300	340	360	—	—	—	—	
	3/22/2001	380	4,300	760	240	250	530	190	—	—	—	—	
	6/25/2001	—	3,100	1,600	110	200	320	140	—	—	—	—	
	9/28/2001	—	3,000	1,200	77	120	170	770	—	—	—	—	
	12/28/2001	—	3,240	738	282	218	826	66.4	—	—	—	—	
	8/24/2005	—	150	57	3	8	3.9	67	—	<1.0	18	3.0	
	10/19/2005	—	580	130	3.8	23	9.3	230	—	<25	<50	11	
	1/13/2006	—	2,300	570	18	120	140	220	—	<25	<50	14	
	5/5/2006	—	130	35	1.7	7.8	7.4	8	—	<5.0	<10	0.55	
	7/19/2006	—	210	102	1.54	15.8	3.85	27.8	—	<0.5	<10	2.06	
	10/5/2006	—	410	105	1.06	9.05	2.24	101	—	0.640	11.3	6.65	
	*****Well Abandoned 12/27/2006*****												
MW-6	12/6/1999	110	<50	2	2	0.8	8	1	—	—	—	—	
	3/16/2000	<50	<50	8	8	5	18	<0.5	—	—	—	—	
	6/13/2000	<50	75	0.7	1	0.9	2	0.6	—	—	—	—	
	9/29/2000	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	—	—	—	
	3/22/2001	<50	86	0.5	<0.5	<0.5	<1.0	3	—	—	—	—	
	6/25/2001	—	<50	<0.5	<0.5	<0.5	<1.0	4	—	—	—	—	
	9/28/2001	—	83	2	ND	ND	1	3	—	—	—	—	
	12/26/2001	—	<50	<0.5	<0.5	<0.5	1.4	<0.5	—	—	—	—	
	7/7/2005	—	<50	<0.5	<0.5	<0.5	<1.0	<0.5	—	<1.0	—	<0.5	
	10/19/2005	—	<25	<0.5	<0.5 ³	<0.5	<0.5	<1.0	—	<5.0	<10	<0.5	
	1/13/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	<0.5	
	5/5/2006	—	<25	<0.5	<0.5	<0.5	<0.5	<1.0	—	<5.0	<10	<0.5	
	7/19/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5	
	10/5/2006	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5	
	Post excavation	3/29/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		6/27/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		9/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		12/19/2007	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		3/6/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		6/18/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		9/10/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		12/10/2008	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		3/4/2009	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		6/3/2009	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
		8/27/2009	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<10	<0.5
3/11/2010		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<30	<0.5	
9/22/2010		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	<0.5	
4/19/2011		—	<50	<0.5	<0.5	<0.5	<1.5	0.63	—	<0.5	<5.0	—	
9/30/2011		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	<0.5	
10/28/2011		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
12/8/2011		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
9/5/2012		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
7/11/2013		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
7/9/2014		—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	



Table 4
Summary of Historical Groundwater Monitoring Analytical Data
 Former Olympian Service Station
 1435 Webster Street
 Alameda, California

Well ID	Sample Date	TPHd	TPHg	Concentrations in micrograms per liter (µg/L)							TBA	1,2-DCA	
				B	T	E	X	MTBE	TRPH	DIPE			
	ESL	100	100	1.0	40	30	20	5.0			12	0.5	
MW-7	3/29/2007	—	840	50.8	0.33	2.54	102	30.9	—	—	<0.5	<10	2.26
	6/27/2007	—	270	126	<0.5	7.11	<1.5	94.4	—	0.550	58.4	6.21	
	9/19/2007	—	101	0.5	<0.5	5.38	<1.5	49.8	—	<0.5	28.5	4.37	
	12/19/2007	—	54	<0.5	<0.5	<0.5	<1.5	11.4	—	<0.5	<10	1.00	
	3/6/2008	—	<50	<0.5	<0.5	<0.5	<1.5	4.83	—	<0.5	<10	0.59	
	6/18/2008	—	<50	0.840	<0.5	0.500	<1.5	52.5	—	<0.5	16.3	5.70	
	9/10/2008	—	55	<0.5	<0.5	<0.5	<1.5	15.3	—	<0.5	<10	1.98	
	12/10/2008	—	<50	<0.5	<0.5	<0.5	<1.5	2.43	—	<0.5	<10	<0.5	
	3/4/2009	—	<50	<0.5	<0.5	<0.5	<1.5	0.530	—	<0.5	<10	<0.5	
	8/3/2009	—	<50	0.82	<0.5	<0.5	<1.5	5.2	—	<0.5	<10	<0.5	
	8/27/2009	—	<50	<0.5	<0.5	<0.5	<1.5	4.8	—	<0.5	<10	0.55	
	3/11/2010	—	<50	<0.5	<0.5	<0.5	<1.5	0.73	—	<0.5	<30	<0.5	
	9/22/2010	—	<50	<0.5	<0.5	<0.5	<1.5	3.9	—	<0.5	<5.0	0.64	
	4/19/2011	—	<50	<0.5	<0.5	<0.5	<1.5	2.0	—	<0.8	<5.0	—	
	9/30/2011	—	<50	<0.5	<0.5	<0.5	<1.5	4.3	—	<0.5	<5.0	—	
	10/26/2011	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
	12/8/2011	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
9/5/2012	—	<50	<0.5	<0.5	<0.5	<1.5	2.4	—	<0.5	<5.0	—		
7/11/2013	—	<50	<0.5	<0.5	<0.5	<1.5	2.1	—	<0.5	<5.0	—		
7/9/2014	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—		
MW-8	4/6/2007	—	27,000	2,460	1,520	210	1,810	16,000	—	24.3	1,050	459	
	6/27/2007	—	20,000	2,460	382	611	1,040	7,310	—	11.1	3,400	319	
	9/19/2007	—	20,400	814	16.2	219	21.6	10,300	—	<4.40	7,080	194	
	12/19/2007	—	14,100	426	10.6	115	22.4	12,700	—	25.0	664	289	
	3/6/2008	—	10,000	639	19.5	288	152	11,200	—	<4.4	<88	227	
	8/18/2008	—	5,800	498	11.7	258	24.4	9,730	—	15.7	468	209	
	9/10/2008	—	9,900	299	11.1	73.0	13.6	11,600	—	27.1	1,670	240	
	12/10/2008	—	6,900	477	3.98	57.9	22.6	11,800	—	23.1	834	287	
	3/4/2009	—	8,500	188	1.95	17.3	8.59	8,190	—	7.00	2,050	238	
	6/3/2009	—	11,000	490	3.90	57	18	14,000	—	<0.5	<10	310	
	8/27/2009	—	5,400	340	8.3	67	37	8,900	—	21	2,990	300	
	3/11/2010	—	7,900	660	3.7	100	28.3	5,800	—	18	1,100	150	
	9/22/2010	—	4,700	1,100	<44	230	<192	5,700	—	<44	470	120	
	4/19/2011	—	67	<0.5	<0.5	0.83	<1.5	20	—	<0.5	<5.0	—	
	9/30/2011	—	2,500	140	2.0	38	5.3	5,900	—	8.2	<5.0	180	
	10/26/2011	—	6,900	3.7	<0.5	0.59	<1.5	6,600	—	18	<440	—	
	12/8/2011	—	2,100	4.3	0.52	0.56	<1.5	10,000	—	21	590	—	
9/5/2012	—	590	99	1.1	20	4.9	510	—	11	3,800	—		
7/11/2013	—	1,300	260	10	89	33	80	—	10	3,200	—		
7/9/2014	—	1,200	410	4.6	110	27	42	—	4.1	3,600	—		
MW-9	8/27/2009	—	<50	<0.5	<0.5	<0.5	<1.5	12	—	<0.5	<10	0.76	
	12/10/2009	—	<50	<0.5	0.50	<0.5	<1.5	4.8	—	<0.5	<5.0	<0.5	
	3/10/2010	—	<50	<0.5	<0.5	<0.5	<1.5	3.8	—	<0.5	<30	<0.5	
	6/10/2010	—	<50	<0.5	<0.5	<0.5	<1.5	7.4	—	<0.5	<5.0	0.6	
	9/22/2010	—	<50	<0.5	<0.5	<0.5	<1.5	1.6	—	<0.5	<5.0	<0.5	
	4/19/2011	—	<50	<0.5	<0.5	<0.5	<1.5	8.7	—	<0.5	<5.0	—	
	9/30/2011	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	<0.5	
	10/26/2011	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
	12/8/2011	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
	9/5/2012	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—	
7/11/2013	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—		
7/9/2014	—	<50	<0.5	<0.5	<0.5	<1.5	<0.5	—	<0.5	<5.0	—		

Notes:
 TPHd = Total Petroleum Hydrocarbons as Diesel (EPA Method 8015)
 TPHg = Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015; after July 2005 by EPA 8260
 BTEX = Benzene, Toluene, Ethylbenzene, Xylenes by EPA Method 8200; after July 2005 by EPA 8260
 Fuel Additives = Methyl-tert-butyl ether (MTBE), Di-isopropyl ether (DIPE), tert-Butyl alcohol (TBA), 1,2-Dichloroethane (1,2-DCA) by EPA Method 8200B
 TRPH = Total Recoverable Petroleum Hydrocarbons
 <X = Concentration less than laboratory reporting limit
 — = Not Analyzed
 † = Does not match diesel chromatogram pattern
 ‡ = Confirmed by EPA Method 8260
 § = Toluene was detected at concentrations of 1 ppb in sample from well MW-2, 0.74 ppb in sample from well MW-3, 0.9 ppb in sample from well MW-4, and 0.66 ppb in sample from well MW-9. Data were adjusted to non-detected because of the presence of toluene (0.81 ppb) in method blank and the sample results were less than 5 times in the blank (EPA, Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses, December 1994).
 ¶ = TPH Gasoline value is primarily due to individual peaks / non-target compounds within gasoline quantitative range.
 § = TPH value due to individual peak(s) (MTBE and/or TBA) within gasoline quantitative range.
 ¶ = Does not match pattern of reference gasoline standard; hydrocarbons in the range of C5-C12 quantified as gasoline.
 ESLs = Environmental Screening Levels (Table F-1a), groundwater is a current or potential drinking water resource (CRWGCB, Interim Final, November 2007, revised May 2013).
bold = constituent exceeds ESL



Table 5
Summary of Grab Groundwater Analytical Data
 Former Olymplan Service Station
 1435 Webster Avenue
 Alameda, California

Sample ID	Date	TPHg	B	T	E	X	Naphthalene			MTBE	EDB	1,2-DCA			Ethanol	ETBE	DIPE	TBA	TAME
							1	40	30			20	6.1	5					
ESL																			
VMP-5	7/14/2009	<50	2.6	1.3	1.0	2.5	---	---	1.1	---	---	---	---	---	<0.5	<0.5	<10	<0.5	<0.5
Southwest Corner																			
B-4	6/27/2001	96	2	3	0.6	2	---	---	2	---	---	---	---	---	---	---	---	---	<0.5
Northwest Corner																			
B-1	6/27/2001	<50	<0.005	3	<0.005	<0.01	---	---	4	---	---	---	---	---	---	---	---	---	---
VMP-3	7/14/2009	9,700 ¹	61	<5.5	280	16	---	---	1,900	---	---	---	---	<5.5	<5.5	<110	<5.5	<5.5	<5.5
VMP-4	7/13/2009	110,000 ²	4,100	1,500	3,000	17,000	---	---	950	---	---	---	---	<44	<44	<880	<44	<44	<44
I-C1	10/4/2011	2,600	56	61	52	252	---	---	<0.5	---	---	---	---	<0.5	<0.5	<5	<0.5	<0.5	<0.5
A-4	12/6/2011	56,000	3,300	4,600	1,700	8,400	---	---	57	---	---	---	---	<44	<44	<440	<44	<44	<44
B-32	7/11/2014	40,000	2,900	2,900	1,000	4,900	410/320*	---	460	---	---	---	---	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50
Location of Former 500-gallon Waste Oil UST																			
B-28	7/10/2014	<50	<0.50	<0.50	<0.50	<1.5	<1.0/<5.7*	<0.50	---	---	---	---	---	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50
Western Boundary of 2007 Excavation																			
VMP-1	7/13/2009	47,000	1,500	1,200	1,900	6,300	---	<22	---	---	---	---	---	<22	<22	<440	<22	<22	<22
I-A3	10/4/2011	18,000	290	540	390	1,770	---	<5.5	---	---	---	---	---	<5.5	<5.5	<55	<5.5	<5.5	<5.5
A-1	12/6/2011	240,000	8,000	9,500	3,700	12,400	---	180	---	---	---	---	---	<44	<44	<440	<44	<44	<44
B-29	7/10/2014	130 ¹	19	<0.5	<0.5	<1.5	<1.0/<4.4*	3.2	---	---	---	---	---	<0.50	<0.50	<5.0	<5.0	<5.0	<0.50
Eastern Boundary of 2007 Excavation																			
VMP-2	7/14/2009	11,000 ²	970	500	370	1,000	---	420	---	---	---	---	---	<4.4	<4.4	120	<4.4	<4.4	<4.4
I-B1	10/4/2011	12,000 ³	19	<2.2	300	352.2	---	<2.2	---	---	---	---	---	<2.2	<2.2	<22	<2.2	<2.2	<2.2
I-B6	10/4/2011	20,000 ⁴	6,100	1,100	1,800	2,380	---	720	---	---	---	---	---	<22	<22	<22	<22	<22	<2.2
A-3	12/6/2011	150,000	17,000	19,000	4,500	19,700	---	1,400	---	---	---	---	---	<44	<44	230	<44	<44	<44
B-30	7/10/2014	20,000	660	1,400	650	2,330	67/43*	2.9	---	---	---	---	---	<0.50	<0.50	8.9	<0.50	<0.50	<0.50
B-31	7/11/2014	2,200 ⁵	120	40	42	72	13/3.2*	930	---	---	---	---	---	<0.50	<0.50	3.5	220	<0.50	<0.50

Table 5
Summary of Grab Groundwater Analytical Data
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Sample ID	Date	TPHg	B	T	E	X	Naphthalene			MTBE	EDB	1,2-DCA	Ethanol	ETBE	DIPE	TBA	TAME
							6.1	5	4								
ESL		100	1	40	30	20	Concentrations in micrograms per liter			0.05	0.5	---	---	---	12	---	
Offsite - East and Southeast																	
B-2	6/27/2001	<50	<0.005	0.9	0.5	2	---	---	4	---	---	---	---	---	---	---	---
B-6	7/11/2007	1,180 ¹	<1.50	<1.32	50.7	<3.26	---	<1.72	<1.58	<1.58	<1.58	<220	<1.85	<1.98	<6.60	<1.41	
B-7	7/11/2007	250 ¹	8.79	0.52	13.6	<1.16	---	2.9	<0.565	<0.565	<0.565	<78.5	<0.659	<0.706	<2.36	<0.502	
B-8	7/11/2007	<73.5	<0.534	<0.471	<0.392	<1.16	---	6.83	<0.565	0.64	<0.565	<78.5	<0.659	<0.706	<2.36	<0.502	
B-9	7/11/2007	400 ¹	2.20	<1.32	<1.10	<3.26	---	433	<1.58	33.2	<1.85	<220	<1.85	<1.98	164	<1.41	
B-10	7/11/2007	<100	<0.598	<0.528	<0.440	<1.30	---	66.2	<0.634	5.44	<0.739	<88.0	<0.739	<0.792	23.5	<0.563	
B-11	7/11/2007	<91.5	<0.622	<0.549	<0.458	<1.35	---	<0.714	<0.659	<0.659	<0.824	<91.5	<0.769	<0.824	<2.74	<0.586	
B-12	7/10/2007	290 ²	<0.598	<0.528	<0.440	<1.30	---	<0.686	<0.634	<0.634	<0.739	<88.0	<0.739	<0.792	<2.64	<0.563	
B-13	7/10/2007	<78.5	<0.534	<0.471	<0.392	<1.16	---	<0.612	<0.565	<0.565	<0.659	<78.5	<0.659	<0.706	<2.36	<0.502	
B-14	7/10/2007	<63.0	<0.394	<0.348	<0.290	<0.858	---	2.77	<0.418	<0.418	<0.487	<58.0	<0.487	<0.522	<1.74	<0.371	
B-15	7/10/2007	142 ¹	<0.68	<0.68	<0.68	<2.04	---	<0.68	<0.68	<0.68	<0.68	<136	<0.68	<0.68	<13.6	<0.68	
B-17	7/10/2007	<100	<0.622	<0.549	<0.458	<1.35	---	<0.714	<0.659	<0.659	<0.824	<91.5	<0.769	<0.824	<2.74	<0.586	
B-18	7/10/2007	<81.5	<0.575	<0.507	<0.422	<1.25	---	<0.659	<0.608	<0.608	<0.710	<84.5	<0.710	<0.760	<2.54	<0.541	
B-19	7/7/2009	<76	<0.76	<0.76	<0.76	<2.3	---	<0.76	---	---	<0.76	---	<0.76	<0.76	<15	<0.76	
B-20	7/7/2009	<69	<0.69	<0.69	<0.69	<2.1	---	<0.69	---	---	<0.69	---	<0.69	<0.69	<14	<0.69	
B-21	7/7/2009	<74	<0.74	<0.74	<0.74	<2.2	---	<0.74	---	---	<0.74	---	<0.74	<0.74	<15	<0.74	
B-22	7/7/2009	<82	<0.82	<0.82	<0.82	<2.4	---	<0.82	---	---	<0.82	---	<0.82	<0.82	<16	<0.82	
B-23	7/7/2009	<74	<0.74	<0.74	<0.74	<2.2	---	<0.74	---	---	<0.74	---	<0.74	<0.74	<15	<0.74	
B-24	7/7/2009	<76	<0.76	<0.76	<0.76	<2.3	---	1.0	---	---	<0.76	---	<0.76	<0.76	<15	<0.76	
Offsite - South and Southwest																	
B-25	7/10/2014	98 ¹	<0.68	0.099	<0.68	<2.08	<1.4/≤6.2*	2.0	---	---	<0.68	---	<0.68	<0.68	<6.8	<0.68	
B-26	7/10/2014	100 ¹	<0.75	0.11	<0.75	<2.25	<1.5/≤6.7*	2.6	---	---	<0.75	---	<0.75	<0.75	<7.5	<0.75	
B-27	7/10/2014	79 ¹	<0.60	<0.60	<0.60	<1.82	<1.2/≤5.7*	3.8	---	---	<0.60	---	<0.60	<0.60	<6.0	<0.60	
B-33	7/10/2014	95 ¹	<0.56	0.088	<0.56	<1.66	0.48/≤6.7*	<0.56	---	---	<0.56	---	<0.56	<0.56	<5.6	<0.56	

Table 5
Summary of Grab Groundwater Analytical Data
 Former Olympian Service Station
 1435 Webster Avenue
 Alameda, California

Sample ID	Date	TPHg	B	T	E	X	Naphthalene	MTBE	EDB	1,2-DCA	Ethanol	ETBE	DIPE	TBA	TAME
2007 Excavation Area (South of Northern Dispenser Island)															
ESL		100	1	40	30	20	6.1	5	0.05	0.5	---	---	---	12	---
B-3	6/27/2001	400	<0.005	1	0.6	1	---	3	---	---	---	---	---	---	---

Notes and Abbreviations:
Bold = Concentration exceeds ESL
 ESL = Environmental Screening Levels, SF Bay RWQCB, Table F-1a - (residential, groundwater IS a current or potential drinking water resource), Interim Final - 2007, Revised December 2013.
 TPHg = Total petroleum hydrocarbons as gasoline, EPA Method 8015.
 B T E X = Benzene, Ethylbenzene, Toluene, Xylenes, EPA Method 8260.
 MTBE = Methyl tert-butyl ether, EDB = 1,2-Dibromoethane, EDC = 1,2-Dichloroethane, Ethanol, ETBE = Ethyl tert-butyl ether, DIPE = Isopropyl ether, t-Butanol = t-Butyl alcohol, TAME = tert-Amyl methyl ether, EPA Method 8260
 * = naphthalene results by EPA Methods 8260B/8270C
 1 = Hydrocarbons responded in gasoline range, but pattern does not match typical gasoline.
 2 = The pattern does not match typical gasoline; TPH value includes significant amount of non-target compounds.
 3 = Does not match pattern of reference Gasoline standard; reported TPH value includes contribution from heavy end hydrocarbons (possibly aged gasoline) and non-fuel light hydrocarbons in the C5-C12 range quantified as Gasoline.
 4 = Does not match pattern of reference Gasoline standard; reported value includes amount due to discrete peaks of aromatic compounds and contribution from non-fuel hydrocarbons in range of C5-C12 quantified as gasoline.
 5 = Reported TPH value includes amount due to discrete peaks (see 8260B results - elevated MTBE & Benzene.
 <X = Concentration less than respective laboratory reporting limit.
 --- = Not analyzed.

Table 6
 Summary of Historical Soil Vapor Sampling Analytical Data
 Former Olympian Service Station
 1435 Webster Street
 Alameda, California

Sample Point	Date	Sampling Duration min	Sampling Depth ft	TPHg ug/m ³	B ug/m ³	T ug/m ³	E ug/m ³	X (m,p) ug/m ³	X (o) ug/m ³	MTBE ug/m ³	DIPE ug/m ³	ETBE ug/m ³	TAME ug/m ³	tBA ug/m ³	PCE ug/m ³	Isopropanol ug/m ³	Acetone ug/m ³	O ₂ %	CH ₄ %	CO ₂ %
SV-1	5/14/2003	--	3.5	5,400	<1,000	1,900	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-2	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-3	5/14/2003	--	3.5	5,800	<1,000	3,700	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-4	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-5	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-6	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-7	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
SV-7 dupl.	5/14/2003	--	3.5	<1,000	<1,000	<1,000	<1,000	<1,000	--	<1,000	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--
2009 - 2011 Soil Vapor Data																				
Center of Property - Western Boundary of 2007 Excavation																				
VMP-1 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	10	<33	22	15	<0.0023	4.8
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	16	<0.0012	3.4
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-1 (8)	8/11/2009*	6	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	9	97	46	21	<0.0022	4.6
dupl.	8/11/2009*	10	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	8	110	51	25	<0.0024	3.6
	12/22/2009	6	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	16	<0.0012	5.4
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	15.6	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
Eastern Boundary of 2007 Excavation																				
VMP-2 (4)	8/11/2009*	15	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	32	<33	19	26	<0.0019	2.5
	12/22/2009*	8	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	15	<0.0012	3.7
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-2 (8)	8/11/2009*	11	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	15	170	<19	33	<0.0014	1.5
	12/22/2009*	10	8	<2,800	<3.2	<3.8	<4.3	<4.1	11	<3.6	--	--	--	--	--	<33	--	13	<0.0011	4.3
	10/27/2011**	<1	8	<7,000	<8.0	<9.4	<11	55.1	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
Southeast Corner																				
VMP-3 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	24	38	30	29	<0.0018	3.3
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	22	<0.0011	4.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-3 (8)	8/11/2009*	5	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	21	<33	23	23	<0.0019	6.4
	12/22/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	7.4	<0.0011	9.5
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-4 (4)	8/11/2009*	6	4	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	7.7	39	45	34	<0.0016	1.4
	12/22/2009*	12	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	38	--	16	<0.0013	4.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-4 (8)	8/11/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	13	<33	38	16	<0.0015	5.0
	12/22/2009*	8	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	17	<0.0015	4.1
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--



Table 6
Summary of Historical Soil Vapor Sampling Analytical Data
 Former Olympian Service Station
 1435 Webster Street
 Alameda, California

Sample Point	Date	Sampling Duration min	Sampling Depth ft	TPHg ug/m ³	B ug/m ³	T ug/m ³	E ug/m ³	X (mp) ug/m ³	X (o) ug/m ³	MTBE ug/m ³	DIPE ug/m ³	ETBE ug/m ³	TAME ug/m ³	tBA ug/m ³	PCE ug/m ³	Isopropanol ug/m ³	Acetone ug/m ³	O ₂ %	CH ₄ %	CO ₂ %
VMP-5 (4)	8/11/2009*	12	4	<3,000	<3.4	<4.1	<4.7	<4.4	<4.7	<3.9	<4.5	<4.5	<4.5	<13	30	<35	46	22	<0.0027	4.5
	12/22/2009*	9	4	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	33	<0.0011	1.5
	10/27/2011**	<1	4	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
VMP-5 (8)	8/11/2009*	8	8	<2,800	<3.2	6.7	<4.3	<4.1	<4.3	<3.6	<4.2	<4.2	<4.2	<12	14	<33	40	36	<0.0024	1.9
	12/22/2009*	7	8	<2,800	<3.2	<3.8	<4.3	<4.1	<5.4	<3.6	--	--	--	--	--	<33	--	22	<0.0016	3.5
	10/27/2011**	<1	8	<3,500	<8.0	<9.4	<11	<22	<11	<9.0	<10	<10	<10	<42	--	--	--	--	--	--
Atmosphere #1 (ATM-01)	8/11/2009*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,700,000E	--	--	--	--

Notes and Abbreviations:

2003 samples were collected in a calibrated syringe and analyzed by EPA Method 8260B.

* samples were collected in Summa canisters and analyzed by EPA Methods TO-3 and TO-15.

** samples collected using Tedlar bags and analyzed by EPA Methods TO-3 and TO-15.

-- = not analyzed or data not available

min = minutes

ug/m³ = micrograms per cubic meter

B, T, E, X = benzene, toluene, ethyl benzene, xylenes

MTBE = methyl tert-butyl ether

DIPE = Diisopropyl ether

ETBE = Ethyl tert-butyl ether

TAME = tert-Amyl methyl ether

tBA = tert-Butyl alcohol

PCE = tetrachloroethene

O₂ = oxygen, CH₄ = methane, and CO₂ = carbon dioxide, by Method ASTM D-1946

dupl. = laboratory split and duplicate

E = estimated value; the amount exceeds the calibration range but is within linear working range of the instrument.





SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 4'	Lab Sample ID:	1407057-017A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Silver	SW6020	7/18/14	07/21/14	5	5.7	1000	ND		ug/Kg	421571	12214
Barium	SW6020	7/18/14	07/21/14	5	4.0	1000	47000		ug/Kg	421571	12214
Cadmium	SW6020	7/18/14	07/21/14	5	4.0	1000	ND		ug/Kg	421571	12214
Lead	SW6020	7/18/14	07/21/14	5	4.0	1000	ND		ug/Kg	421571	12214
Chromium	SW6020	7/18/14	07/21/14	5	3.2	1000	24000		ug/Kg	421571	12214
Arsenic	SW6020	7/18/14	07/21/14	5	3.6	1000	2300		ug/Kg	421571	12214
Selenium	SW6020	7/18/14	07/21/14	5	3.5	1000	ND		ug/Kg	421571	12214

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	7/16/14	07/16/14	1	0.2	0.50	ND		mg/Kg	421530	12186

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	117		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	112		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	122		%	421552	NA



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 4'	Lab Sample ID:	1407057-017A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	7/15/14	07/15/14	1	0.0864	1.08	ND		mg/Kg	421560	12210
N-Nitrosdimethylamine	SW8270C	7/15/14	07/15/14	1	0.120	1.08	ND		mg/Kg	421560	12210
Aniline	SW8270C	7/15/14	07/15/14	1	0.134	0.360	ND		mg/Kg	421560	12210
Phenol	SW8270C	7/15/14	07/15/14	1	0.140	0.720	ND		mg/Kg	421560	12210
Bis(2-chloroethyl) ether	SW8270C	7/15/14	07/15/14	1	0.0745	0.360	ND		mg/Kg	421560	12210
2-Chlorophenol	SW8270C	7/15/14	07/15/14	1	0.140	0.360	ND		mg/Kg	421560	12210
1,3-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0799	0.360	ND		mg/Kg	421560	12210
1,4-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0724	0.360	ND		mg/Kg	421560	12210
Benzyl Alcohol	SW8270C	7/15/14	07/15/14	1	0.113	1.08	ND		mg/Kg	421560	12210
1,2-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0778	0.360	ND		mg/Kg	421560	12210
2-Methylphenol (o-Cresol)	SW8270C	7/15/14	07/15/14	1	0.126	0.720	ND		mg/Kg	421560	12210
Bis(2-chloroisopropyl)ether	SW8270C	7/15/14	07/15/14	1	0.0745	0.360	ND		mg/Kg	421560	12210
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	7/15/14	07/15/14	1	0.151	0.720	ND		mg/Kg	421560	12210
N-nitroso-di-n-propylamine	SW8270C	7/15/14	07/15/14	1	0.102	0.360	ND		mg/Kg	421560	12210
Hexachloroethane	SW8270C	7/15/14	07/15/14	1	0.0508	0.360	ND		mg/Kg	421560	12210
Nitrobenzene	SW8270C	7/15/14	07/15/14	1	0.0576	0.360	ND		mg/Kg	421560	12210
Isophorone	SW8270C	7/15/14	07/15/14	1	0.0626	0.360	ND		mg/Kg	421560	12210
2-Nitrophenol	SW8270C	7/15/14	07/15/14	1	0.0572	0.720	ND		mg/Kg	421560	12210
2,4-Dimethylphenol	SW8270C	7/15/14	07/15/14	1	0.145	0.720	ND		mg/Kg	421560	12210
Benzoic Acid	SW8270C	7/15/14	07/15/14	1	0.0610	1.08	ND		mg/Kg	421560	12210
Bis(2-Chloroethoxy)methane	SW8270C	7/15/14	07/15/14	1	0.0637	0.360	ND		mg/Kg	421560	12210
2,4-Dichlorophenol	SW8270C	7/15/14	07/15/14	1	0.113	0.720	ND		mg/Kg	421560	12210
1,2,4-Trichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0799	0.360	ND		mg/Kg	421560	12210
2,6-Dichlorophenol	SW8270C	7/15/14	07/15/14	1	0.113	0.720	ND		mg/Kg	421560	12210
Naphthalene	SW8270C	7/15/14	07/15/14	1	0.0983	0.360	ND		mg/Kg	421560	12210
4-Chloroaniline	SW8270C	7/15/14	07/15/14	1	0.108	0.360	ND		mg/Kg	421560	12210
Hexachloro-1,3-butadiene	SW8270C	7/15/14	07/15/14	1	0.0713	0.360	ND		mg/Kg	421560	12210
4-Chloro-3-methylphenol	SW8270C	7/15/14	07/15/14	1	0.111	0.720	ND		mg/Kg	421560	12210
2-Methylnaphthalene	SW8270C	7/15/14	07/15/14	1	0.0864	0.360	ND		mg/Kg	421560	12210
1-Methylnaphthalene	SW8270C	7/15/14	07/15/14	1	0.0864	0.360	ND		mg/Kg	421560	12210
Hexachlorocyclopentadiene	SW8270C	7/15/14	07/15/14	1	0.0302	0.360	ND		mg/Kg	421560	12210
2,4,6-Trichlorophenol	SW8270C	7/15/14	07/15/14	1	0.104	0.720	ND		mg/Kg	421560	12210
2,4,5-Trichlorophenol	SW8270C	7/15/14	07/15/14	1	0.132	0.720	ND		mg/Kg	421560	12210
2-Chloronaphthalene	SW8270C	7/15/14	07/15/14	1	0.0648	0.360	ND		mg/Kg	421560	12210
2-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0756	0.360	ND		mg/Kg	421560	12210
Dimethyl phthalate	SW8270C	7/15/14	07/15/14	1	0.129	0.360	ND		mg/Kg	421560	12210



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 4'	Lab Sample ID:	1407057-017A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.115	0.360	ND		mg/Kg	421560	12210
Acenaphthylene	SW8270C	7/15/14	07/15/14	1	0.0929	0.360	ND		mg/Kg	421560	12210
2,6-Dinitrotoluene	SW8270C	7/15/14	07/15/14	1	0.0292	0.360	ND		mg/Kg	421560	12210
1,2-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.0936	0.360	ND		mg/Kg	421560	12210
3-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0756	0.360	ND		mg/Kg	421560	12210
Acenaphthene	SW8270C	7/15/14	07/15/14	1	0.105	0.360	ND		mg/Kg	421560	12210
2,4-Dinitrophenol	SW8270C	7/15/14	07/15/14	1	0.0324	1.80	ND		mg/Kg	421560	12210
4-Nitrophenol	SW8270C	7/15/14	07/15/14	1	0.0724	1.80	ND		mg/Kg	421560	12210
Dibenzofuran	SW8270C	7/15/14	07/15/14	1	0.0853	0.360	ND		mg/Kg	421560	12210



SAMPLE RESULTS

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Tec Accutite

Date Received: 07/14/14
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Client Sample ID:	B-28 @ 4'	Lab Sample ID:	1407057-017A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2,4-Dinitrotoluene	SW8270C	7/15/14	07/15/14	1	0.0292	0.360	ND		mg/Kg	421560	12210
2,3,5,6-Tetrachlorophenol	SW8270C	7/15/14	07/15/14	1	0.130	0.720	ND		mg/Kg	421560	12210
2,3,4,6-Tetrachlorophenol	SW8270C	7/15/14	07/15/14	1	0.130	0.720	ND		mg/Kg	421560	12210
Diethylphthalate	SW8270C	7/15/14	07/15/14	1	0.127	3.60	ND		mg/Kg	421560	12210
Fluorene	SW8270C	7/15/14	07/15/14	1	0.108	0.360	ND		mg/Kg	421560	12210
4-Chlorophenyl phenyl ether	SW8270C	7/15/14	07/15/14	1	0.0875	0.360	ND		mg/Kg	421560	12210
4-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0875	0.360	ND		mg/Kg	421560	12210
4,6-Dinitro-2-methylphenol	SW8270C	7/15/14	07/15/14	1	0.0724	0.720	ND		mg/Kg	421560	12210
Diphenylamine	SW8270C	7/15/14	07/15/14	1	0.0724	0.360	ND		mg/Kg	421560	12210
Azobenzene	SW8270C	7/15/14	07/15/14	1	0.119	0.360	ND		mg/Kg	421560	12210
4-Bromophenyl phenyl ether	SW8270C	7/15/14	07/15/14	1	0.0886	0.360	ND		mg/Kg	421560	12210
Hexachlorobenzene	SW8270C	7/15/14	07/15/14	1	0.110	0.360	ND		mg/Kg	421560	12210
Pentachlorophenol	SW8270C	7/15/14	07/15/14	1	0.111	0.720	ND		mg/Kg	421560	12210
Phenanthrene	SW8270C	7/15/14	07/15/14	1	0.154	0.360	ND		mg/Kg	421560	12210
Anthracene	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Carbazole	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Di-n-butylphthalate	SW8270C	7/15/14	07/15/14	1	0.118	3.60	ND		mg/Kg	421560	12210
Fluoranthene	SW8270C	7/15/14	07/15/14	1	0.144	0.360	ND		mg/Kg	421560	12210
Benzidine	SW8270C	7/15/14	07/15/14	1	0.408	1.08	ND		mg/Kg	421560	12210
Pyrene	SW8270C	7/15/14	07/15/14	1	0.160	0.360	ND		mg/Kg	421560	12210
Benzyl butyl phthalate	SW8270C	7/15/14	07/15/14	1	0.0972	3.60	ND		mg/Kg	421560	12210
Benz[a]anthracene	SW8270C	7/15/14	07/15/14	1	0.163	0.360	ND		mg/Kg	421560	12210
3,3'-Dichlorobenzidine	SW8270C	7/15/14	07/15/14	1	0.166	1.08	ND		mg/Kg	421560	12210
Chrysene	SW8270C	7/15/14	07/15/14	1	0.192	0.360	ND		mg/Kg	421560	12210
Bis(2-Ethylhexyl)phthalate	SW8270C	7/15/14	07/15/14	1	0.0907	3.60	ND		mg/Kg	421560	12210
Di-n-octyl phthalate	SW8270C	7/15/14	07/15/14	1	0.150	0.360	ND		mg/Kg	421560	12210
Benzo[b]fluoranthene	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Benzo[k]fluoranthene	SW8270C	7/15/14	07/15/14	1	0.185	0.360	ND		mg/Kg	421560	12210
Benzo[a]pyrene	SW8270C	7/15/14	07/15/14	1	0.147	0.360	ND		mg/Kg	421560	12210
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/15/14	1	0.143	0.360	ND		mg/Kg	421560	12210
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/15/14	1	0.165	0.360	ND		mg/Kg	421560	12210
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/15/14	1	0.164	0.360	ND		mg/Kg	421560	12210
1,4-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.164	0.360	ND		mg/Kg	421560	12210
2,4,6-Tribromophenol (S)	SW8270C	7/15/14	07/15/14	1	19	122	65.7		%	421560	12210
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/15/14	1	30	115	65.7		%	421560	12210
2-Fluorophenol (S)	SW8270C	7/15/14	07/15/14	1	25	121	87.8		%	421560	12210



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 4'	Lab Sample ID:	1407057-017A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Nitrobenzene-d5 (S)	SW8270C	7/15/14	07/15/14	1	23	120	66.0		%	421560	12210
Phenol-d6 (S)	SW8270C	7/15/14	07/15/14	1	24	113	76.8		%	421560	12210
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/15/14	1	18	137	75.3		%	421560	12210

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	96.7		%	421552	12206

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/14/14	07/15/14	1	0.500	2.0	3.9	x	mg/Kg	421505	12160
TPH as Motor Oil	SW8015B(M)	7/14/14	07/15/14	1	1.00	10	ND		mg/Kg	421505	12160
Pentacosane (S)	SW8015B(M)	7/14/14	07/15/14	1	57.9	129	83.5		%	421505	12160

NOTE: x- Diesel result due to unknown organics within quantified range.



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 8'	Lab Sample ID:	1407057-018A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Silver	SW6020	7/18/14	07/21/14	5	5.7	1000	ND		ug/Kg	421571	12214
Barium	SW6020	7/18/14	07/21/14	5	4.0	1000	48000		ug/Kg	421571	12214
Cadmium	SW6020	7/18/14	07/21/14	5	4.0	1000	ND		ug/Kg	421571	12214
Lead	SW6020	7/18/14	07/21/14	5	4.0	1000	ND		ug/Kg	421571	12214
Chromium	SW6020	7/18/14	07/21/14	5	3.2	1000	27000		ug/Kg	421571	12214
Arsenic	SW6020	7/18/14	07/21/14	5	3.6	1000	2600		ug/Kg	421571	12214
Selenium	SW6020	7/18/14	07/21/14	5	3.5	1000	ND		ug/Kg	421571	12214

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Mercury	SW7471A	7/16/14	07/16/14	1	0.2	0.50	ND		mg/Kg	421530	12186

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	120		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	116		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	117		%	421552	NA



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
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Client Sample ID:	B-28 @ 8'	Lab Sample ID:	1407057-018A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Pyridine	SW8270C	7/15/14	07/15/14	1	0.0864	1.08	ND		mg/Kg	421560	12210
N-Nitrosodimethylamine	SW8270C	7/15/14	07/15/14	1	0.120	1.08	ND		mg/Kg	421560	12210
Aniline	SW8270C	7/15/14	07/15/14	1	0.134	0.360	ND		mg/Kg	421560	12210
Phenol	SW8270C	7/15/14	07/15/14	1	0.140	0.720	ND		mg/Kg	421560	12210
Bis(2-chloroethyl) ether	SW8270C	7/15/14	07/15/14	1	0.0745	0.360	ND		mg/Kg	421560	12210
2-Chlorophenol	SW8270C	7/15/14	07/15/14	1	0.140	0.360	ND		mg/Kg	421560	12210
1,3-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0799	0.360	ND		mg/Kg	421560	12210
1,4-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0724	0.360	ND		mg/Kg	421560	12210
Benzyl Alcohol	SW8270C	7/15/14	07/15/14	1	0.113	1.08	ND		mg/Kg	421560	12210
1,2-Dichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0778	0.360	ND		mg/Kg	421560	12210
2-Methylphenol (o-Cresol)	SW8270C	7/15/14	07/15/14	1	0.126	0.720	ND		mg/Kg	421560	12210
Bis(2-chloroisopropyl)ether	SW8270C	7/15/14	07/15/14	1	0.0745	0.360	ND		mg/Kg	421560	12210
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	7/15/14	07/15/14	1	0.151	0.720	ND		mg/Kg	421560	12210
N-nitroso-di-n-propylamine	SW8270C	7/15/14	07/15/14	1	0.102	0.360	ND		mg/Kg	421560	12210
Hexachloroethane	SW8270C	7/15/14	07/15/14	1	0.0508	0.360	ND		mg/Kg	421560	12210
Nitrobenzene	SW8270C	7/15/14	07/15/14	1	0.0576	0.360	ND		mg/Kg	421560	12210
Isophorone	SW8270C	7/15/14	07/15/14	1	0.0626	0.360	ND		mg/Kg	421560	12210
2-Nitrophenol	SW8270C	7/15/14	07/15/14	1	0.0572	0.720	ND		mg/Kg	421560	12210
2,4-Dimethylphenol	SW8270C	7/15/14	07/15/14	1	0.145	0.720	ND		mg/Kg	421560	12210
Benzoic Acid	SW8270C	7/15/14	07/15/14	1	0.0610	1.08	ND		mg/Kg	421560	12210
Bis(2-Chloroethoxy)methane	SW8270C	7/15/14	07/15/14	1	0.0637	0.360	ND		mg/Kg	421560	12210
2,4-Dichlorophenol	SW8270C	7/15/14	07/15/14	1	0.113	0.720	ND		mg/Kg	421560	12210
1,2,4-Trichlorobenzene	SW8270C	7/15/14	07/15/14	1	0.0799	0.360	ND		mg/Kg	421560	12210
2,6-Dichlorophenol	SW8270C	7/15/14	07/15/14	1	0.113	0.720	ND		mg/Kg	421560	12210
Naphthalene	SW8270C	7/15/14	07/15/14	1	0.0983	0.360	ND		mg/Kg	421560	12210
4-Chloroaniline	SW8270C	7/15/14	07/15/14	1	0.108	0.360	ND		mg/Kg	421560	12210
Hexachloro-1,3-butadiene	SW8270C	7/15/14	07/15/14	1	0.0713	0.360	ND		mg/Kg	421560	12210
4-Chloro-3-methylphenol	SW8270C	7/15/14	07/15/14	1	0.111	0.720	ND		mg/Kg	421560	12210
2-Methylnaphthalene	SW8270C	7/15/14	07/15/14	1	0.0864	0.360	ND		mg/Kg	421560	12210
1-Methylnaphthalene	SW8270C	7/15/14	07/15/14	1	0.0864	0.360	ND		mg/Kg	421560	12210
Hexachlorocyclopentadiene	SW8270C	7/15/14	07/15/14	1	0.0302	0.360	ND		mg/Kg	421560	12210
2,4,6-Trichlorophenol	SW8270C	7/15/14	07/15/14	1	0.104	0.720	ND		mg/Kg	421560	12210
2,4,5-Trichlorophenol	SW8270C	7/15/14	07/15/14	1	0.132	0.720	ND		mg/Kg	421560	12210
2-Chloronaphthalene	SW8270C	7/15/14	07/15/14	1	0.0648	0.360	ND		mg/Kg	421560	12210
2-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0756	0.360	ND		mg/Kg	421560	12210
Dimethyl phthalate	SW8270C	7/15/14	07/15/14	1	0.129	0.360	ND		mg/Kg	421560	12210



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 8'	Lab Sample ID:	1407057-018A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
1,3-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.115	0.360	ND		mg/Kg	421560	12210
Acenaphthylene	SW8270C	7/15/14	07/15/14	1	0.0929	0.360	ND		mg/Kg	421560	12210
2,6-Dinitrotoluene	SW8270C	7/15/14	07/15/14	1	0.0292	0.360	ND		mg/Kg	421560	12210
1,2-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.0936	0.360	ND		mg/Kg	421560	12210
3-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0756	0.360	ND		mg/Kg	421560	12210
Acenaphthene	SW8270C	7/15/14	07/15/14	1	0.105	0.360	ND		mg/Kg	421560	12210
2,4-Dinitrophenol	SW8270C	7/15/14	07/15/14	1	0.0324	1.80	ND		mg/Kg	421560	12210
4-Nitrophenol	SW8270C	7/15/14	07/15/14	1	0.0724	1.80	ND		mg/Kg	421560	12210
Dibenzofuran	SW8270C	7/15/14	07/15/14	1	0.0853	0.360	ND		mg/Kg	421560	12210



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14

Date Reported: 07/22/14

Client Sample ID:	B-28 @ 8'	Lab Sample ID:	1407057-018A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2,4-Dinitrotoluene	SW8270C	7/15/14	07/15/14	1	0.0292	0.360	ND		mg/Kg	421560	12210
2,3,5,6-Tetrachlorophenol	SW8270C	7/15/14	07/15/14	1	0.130	0.720	ND		mg/Kg	421560	12210
2,3,4,6-Tetrachlorophenol	SW8270C	7/15/14	07/15/14	1	0.130	0.720	ND		mg/Kg	421560	12210
Diethylphthalate	SW8270C	7/15/14	07/15/14	1	0.127	3.60	ND		mg/Kg	421560	12210
Fluorene	SW8270C	7/15/14	07/15/14	1	0.108	0.360	ND		mg/Kg	421560	12210
4-Chlorophenyl phenyl ether	SW8270C	7/15/14	07/15/14	1	0.0875	0.360	ND		mg/Kg	421560	12210
4-Nitroaniline	SW8270C	7/15/14	07/15/14	1	0.0875	0.360	ND		mg/Kg	421560	12210
4,6-Dinitro-2-methylphenol	SW8270C	7/15/14	07/15/14	1	0.0724	0.720	ND		mg/Kg	421560	12210
Diphenylamine	SW8270C	7/15/14	07/15/14	1	0.0724	0.360	ND		mg/Kg	421560	12210
Azobenzene	SW8270C	7/15/14	07/15/14	1	0.119	0.360	ND		mg/Kg	421560	12210
4-Bromophenyl phenyl ether	SW8270C	7/15/14	07/15/14	1	0.0886	0.360	ND		mg/Kg	421560	12210
Hexachlorobenzene	SW8270C	7/15/14	07/15/14	1	0.110	0.360	ND		mg/Kg	421560	12210
Pentachlorophenol	SW8270C	7/15/14	07/15/14	1	0.111	0.720	ND		mg/Kg	421560	12210
Phenanthrene	SW8270C	7/15/14	07/15/14	1	0.154	0.360	ND		mg/Kg	421560	12210
Anthracene	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Carbazole	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Di-n-butylphthalate	SW8270C	7/15/14	07/15/14	1	0.118	3.60	ND		mg/Kg	421560	12210
Fluoranthene	SW8270C	7/15/14	07/15/14	1	0.144	0.360	ND		mg/Kg	421560	12210
Benzidine	SW8270C	7/15/14	07/15/14	1	0.408	1.08	ND		mg/Kg	421560	12210
Pyrene	SW8270C	7/15/14	07/15/14	1	0.160	0.360	ND		mg/Kg	421560	12210
Benzyl butyl phthalate	SW8270C	7/15/14	07/15/14	1	0.0972	3.60	ND		mg/Kg	421560	12210
Benzo[a]anthracene	SW8270C	7/15/14	07/15/14	1	0.163	0.360	ND		mg/Kg	421560	12210
3,3'-Dichlorobenzidine	SW8270C	7/15/14	07/15/14	1	0.166	1.08	ND		mg/Kg	421560	12210
Chrysene	SW8270C	7/15/14	07/15/14	1	0.192	0.360	ND		mg/Kg	421560	12210
Bis(2-Ethylhexyl)phthalate	SW8270C	7/15/14	07/15/14	1	0.0907	3.60	ND		mg/Kg	421560	12210
Di-n-octyl phthalate	SW8270C	7/15/14	07/15/14	1	0.150	0.360	ND		mg/Kg	421560	12210
Benzo[b]fluoranthene	SW8270C	7/15/14	07/15/14	1	0.145	0.360	ND		mg/Kg	421560	12210
Benzo[k]fluoranthene	SW8270C	7/15/14	07/15/14	1	0.185	0.360	ND		mg/Kg	421560	12210
Benzo[a]pyrene	SW8270C	7/15/14	07/15/14	1	0.147	0.360	ND		mg/Kg	421560	12210
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/15/14	1	0.143	0.360	ND		mg/Kg	421560	12210
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/15/14	1	0.165	0.360	ND		mg/Kg	421560	12210
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/15/14	1	0.164	0.360	ND		mg/Kg	421560	12210
1,4-Dinitrobenzene	SW8270C	7/15/14	07/15/14	1	0.164	0.360	ND		mg/Kg	421560	12210
2,4,6-Tribromophenol (S)	SW8270C	7/15/14	07/15/14	1	19	122	75.8		%	421560	12210
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/15/14	1	30	115	67.8		%	421560	12210
2-Fluorophenol (S)	SW8270C	7/15/14	07/15/14	1	25	121	96.3		%	421560	12210



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/22/14

Client Sample ID:	B-28 @ 8'	Lab Sample ID:	1407057-018A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:45		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Nitrobenzene-d5 (S)	SW8270C	7/15/14	07/15/14	1	23	120	68.8		%	421560	12210
Phenol-d6 (S)	SW8270C	7/15/14	07/15/14	1	24	113	80.3		%	421560	12210
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/15/14	1	18	137	77.5		%	421560	12210

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	90.0		%	421552	12206

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH as Diesel	SW8015B(M)	7/14/14	07/15/14	1	0.500	2.0	2.4	x	mg/Kg	421505	12160
TPH as Motor Oil	SW8015B(M)	7/14/14	07/15/14	1	1.00	10	ND		mg/Kg	421505	12160
Pentacosane (S)	SW8015B(M)	7/14/14	07/15/14	1	57.9	129	84.0		%	421505	12160

NOTE: x- Diesel result due to unknown organics within quantified range.



262 Michelle Court
 South San Francisco, CA 94080
 Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1407057

Project Name: 1435 Webster		Report to: Brian tecacculie@gmail.com		Analysis Required								Turn-around Time (work days)							
Project Address: 1435 Webster St. Alameda, CA		Bill to: TEC Accutite (650) 616-1200		8260B TPHg BTEX, fuel oxygenates, naphthalene	8270C PAHs							ASAP	1 Day	2 Days	3 Days				
Global ID: T0600100766		PO #: 22842												5 Days	10 Days	Other:			
Sampler: BD		Date: 7/14/14												Sample Type					
Field Point ID		Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time										Report Format			
																EDF			
																Remarks			
MW-2	MW-2	W	3	VOAs w/ HCl	7/9/14 0952	✓										Run to ESLs			
MW-3	MW-3	W	3	VOAs w/ HCl	7/9/14 1033	✓													
MW-4	MW-4	W	3	VOAs w/ HCl	7/9/14 1000	✓													
MW-6	MW-6	W	3	VOAs w/ HCl	7/9/14 1058	✓													
MW-7	MW-7	W	3	VOAs w/ HCl	7/9/14 1155	✓													
MW-8	MW-8	W	3	VOAs w/ HCl	7/9/14 1300	✓													
MW-9	MW-9	W	3	VOAs w/ HCl	7/9/14 0919	✓													
B-25	B-25	W	4	amber and 3 VOAs w/HCl	7/10/14 1010	✓	✓												
B-26	B-26	W	4	amber and 3 VOAs w/HCl	7/10/14 1050	✓	✓												

Relinquished by: Brian Doherty <i>Brian Doherty</i>	Date: 7/14/14	Time: 10:53	Received by: <i>Janet</i>	Date: 7/15/14	Time: 10:53
Relinquished by: <i>C. Park</i>	Date: 7/15/14	Time: 12:21	Received by: <i>Janet</i>	Date: 7/15/14	Time: 12:21

REC LI LBL LIR

FC Tempic Page 1 of 4



262 Michelle Court
 South San Francisco, CA 94080
 Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1407057

Project Name:		Report to:		Analysis Required							Turn-around Time (work days)									
1435 Webster		Brian tecaccutite@gmail.com		8260B TPHg BTEX, fuel oxygenates, naphthalene	8270C PAHs	8015M TPHd TPHmo	8270 semi-volatile organic compounds	6020/200.7 RCRA7 metals					ASAP	1 Day	2 Days	3 Days				
Project Address:		Bill to:											5 Days	10 Days	Other:	Sample Type				
Alameda, CA		(650) 616-1200											ground water				Report Format			
Global ID:		PO #:											EDF				Remarks			
T0600100766		22842		Sample Date																
Field Point ID	Sample ID	Sample Matrix	# of Containers	Container Type	Sample Date & Time															
B-27	B-27	W	4	amber and 3 VOAs w/HCl	7/10/14 1105	✓	✓										Run to ESLs			
B-28	B-28	W	4	amber and 3 VOAs w/HCl	7/10/14 1532	✓	✓													
B-29	B-29	W	4	amber and 3 VOAs w/HCl	7/10/14 1355	✓	✓													
B-30	B-30	W	4	amber and 3 VOAs w/HCl	7/10/14 1610	✓	✓													
B-31	B-31	W	4	amber and 3 VOAs w/HCl	7/11/14 1337	✓	✓													
B-32	B-32	W	4	amber and 3 VOAs w/HCl	7/11/14 1048	✓	✓													
B-33	B-33	W	4	amber and 3 VOAs w/HCl	7/10/14 1130	✓	✓													
B-28	B-28@4'	S	1	acetate sleeve	7/10/14 1343	✓	✓	✓	✓	✓										
B-28	B-28@8'	S	1	acetate sleeve	7/10/14 1345	✓	✓	✓	✓	✓										

Relinquished by: Brian Doherty	Date: 7/14/14	Time: 10:53	Received by: [Signature]	Date: 7-14-14	Time: 12:21
Relinquished by: [Signature]	Date: 7-14-14	Time: 12:21	Received by: [Signature]	Date: 7-14-14	Time: 12:21

REC LI LBL LIR

Page 2 of 4



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-29 @ 4'	Lab Sample ID:	1407058-001A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:06		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	122		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	115		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	121		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-29 @ 4'	Lab Sample ID:	1407058-001A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:06		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	63.4		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	88.1		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	88.7		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14

Date Reported: 07/21/14

Client Sample ID:	B-29 @ 8'	Lab Sample ID:	1407058-002A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:10		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	122		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	114		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	120		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-29 @ 8'	Lab Sample ID:	1407058-002A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 13:10		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	68.8		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	84.8		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	82.9		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-30 @ 4'	Lab Sample ID:	1407058-004A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 15:05		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	125		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	106		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	130		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-30 @ 4'	Lab Sample ID:	1407058-004A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 15:05		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	69.5		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	89.2		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	64.9		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-30 @ 8'	Lab Sample ID:	1407058-005A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 15:02		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
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The results shown below are reported using their MDL.

MTBE	SW8260B	NA	07/21/14	100	260	1000	ND		ug/Kg	421585	NA
tert-Butanol	SW8260B	NA	07/21/14	100	2100	5000	ND		ug/Kg	421585	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/21/14	100	220	1000	ND		ug/Kg	421585	NA
ETBE	SW8260B	NA	07/21/14	100	240	1000	ND		ug/Kg	421585	NA
Benzene	SW8260B	NA	07/21/14	100	150	1000	ND		ug/Kg	421585	NA
TAME	SW8260B	NA	07/21/14	100	210	1000	ND		ug/Kg	421585	NA
Toluene	SW8260B	NA	07/21/14	100	98	1000	ND		ug/Kg	421585	NA
Ethyl Benzene	SW8260B	NA	07/21/14	100	86	1000	280	J	ug/Kg	421585	NA
m,p-Xylene	SW8260B	NA	07/21/14	100	190	1000	910	J	ug/Kg	421585	NA
o-Xylene	SW8260B	NA	07/21/14	100	66	500	300	J	ug/Kg	421585	NA
Naphthalene	SW8260B	NA	07/21/14	100	280	1000	380	J	ug/Kg	421585	NA
(S) Dibromofluoromethane	SW8260B	NA	07/21/14	100	59.8	148	96.9		%	421585	NA
(S) Toluene-d8	SW8260B	NA	07/21/14	100	55.2	133	93.2		%	421585	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/21/14	100	55.8	141	97.8		%	421585	NA

NOTE: Reporting limits were raised due to high level of non-target hydrocarbons.



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-30 @ 8'	Lab Sample ID:	1407058-005A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/10/14 / 15:02		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	59.5		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	99.5		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/21/14	07/21/14	100	3000	10000	350000	E,x	ug/Kg	421585	12231
(S) 4-Bromofluorobenzene	8260TPH	7/21/14	07/21/14	100	43.9	127	103		%	421585	12231

NOTE: E-Estimated. Value outside of calibration range. x - Does not match pattern of reference Gasoline standard. Hydrocarbons in the range of C5-C12 quantified as Gasoline.



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-31 @4'	Lab Sample ID:	1407058-007A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 10:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	67.3		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	119		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	131		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	0.52		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	0.42		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-31 @4'	Lab Sample ID:	1407058-007A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 10:43		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	63.6		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	95.4		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	68.4		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14

Date Reported: 07/21/14

Client Sample ID:	B-31 @ 8'	Lab Sample ID:	1407058-008A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 10:38		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	125		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	112		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	124		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-31 @ 8'	Lab Sample ID:	1407058-008A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 10:38		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	67.4		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	111		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	76.6		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-32@4'	Lab Sample ID:	1407058-009A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 8:32		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	128		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	116		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	122		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-32@4'	Lab Sample ID:	1407058-009A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 8:32		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	77.6		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	122		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	77.3		%	421552	12206



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-32 @8'	Lab Sample ID:	1407058-010A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 8:28		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
MTBE	SW8260B	NA	07/17/14	1	2.6	10	ND		ug/Kg	421552	NA
tert-Butanol	SW8260B	NA	07/17/14	1	21	50	ND		ug/Kg	421552	NA
Diisopropyl ether (DIPE)	SW8260B	NA	07/17/14	1	2.2	10	ND		ug/Kg	421552	NA
ETBE	SW8260B	NA	07/17/14	1	2.4	10	ND		ug/Kg	421552	NA
Benzene	SW8260B	NA	07/17/14	1	1.5	10	ND		ug/Kg	421552	NA
TAME	SW8260B	NA	07/17/14	1	2.1	10	ND		ug/Kg	421552	NA
Toluene	SW8260B	NA	07/17/14	1	0.98	10	ND		ug/Kg	421552	NA
Ethyl Benzene	SW8260B	NA	07/17/14	1	0.86	10	ND		ug/Kg	421552	NA
m,p-Xylene	SW8260B	NA	07/17/14	1	1.9	10	ND		ug/Kg	421552	NA
o-Xylene	SW8260B	NA	07/17/14	1	0.66	5.0	ND		ug/Kg	421552	NA
Naphthalene	SW8260B	NA	07/17/14	1	2.8	10	ND		ug/Kg	421552	NA
(S) Dibromofluoromethane	SW8260B	NA	07/17/14	1	59.8	148	131		%	421552	NA
(S) Toluene-d8	SW8260B	NA	07/17/14	1	55.2	133	114		%	421552	NA
(S) 4-Bromofluorobenzene	SW8260B	NA	07/17/14	1	55.8	141	120		%	421552	NA

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
Naphthalene	SW8270C	7/15/14	07/16/14	1	0.1685	0.356	ND		mg/Kg	421568	12174
2-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
1-Methylnaphthalene	SW8270C	7/15/14	07/16/14	1	0.1145	0.356	ND		mg/Kg	421568	12174
Acenaphthylene	SW8270C	7/15/14	07/16/14	1	0.1073	0.356	ND		mg/Kg	421568	12174
Acenaphthene	SW8270C	7/15/14	07/16/14	1	0.1181	0.356	ND		mg/Kg	421568	12174
Fluorene	SW8270C	7/15/14	07/16/14	1	0.06048	0.356	ND		mg/Kg	421568	12174
Phenanthrene	SW8270C	7/15/14	07/16/14	1	0.1469	0.356	ND		mg/Kg	421568	12174
Anthracene	SW8270C	7/15/14	07/16/14	1	0.1872	0.356	ND		mg/Kg	421568	12174
Fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1771	0.356	ND		mg/Kg	421568	12174
Pyrene	SW8270C	7/15/14	07/16/14	1	0.1375	0.356	ND		mg/Kg	421568	12174
Benz[a]anthracene	SW8270C	7/15/14	07/16/14	1	0.2153	0.356	ND		mg/Kg	421568	12174
Chrysene	SW8270C	7/15/14	07/16/14	1	0.1274	0.716	ND		mg/Kg	421568	12174
Benzo[b]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.1462	0.356	ND		mg/Kg	421568	12174
Benzo[k]fluoranthene	SW8270C	7/15/14	07/16/14	1	0.09432	0.356	ND		mg/Kg	421568	12174
Benzo[a]pyrene	SW8270C	7/15/14	07/16/14	1	0.1620	0.356	ND		mg/Kg	421568	12174
Indeno[1,2,3-cd]pyrene	SW8270C	7/15/14	07/16/14	1	0.09072	0.356	ND		mg/Kg	421568	12174
Dibenz[a,h]anthracene	SW8270C	7/15/14	07/16/14	1	0.04896	0.356	ND		mg/Kg	421568	12174
Benzo[g,h,i]perylene	SW8270C	7/15/14	07/16/14	1	0.05400	0.356	ND		mg/Kg	421568	12174



SAMPLE RESULTS

Report prepared for: Brian Doherty
Tec Accutite

Date Received: 07/14/14
Date Reported: 07/21/14

Client Sample ID:	B-32 @8'	Lab Sample ID:	1407058-010A
Project Name/Location:	1435 Webster	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/11/14 / 8:28		
Tag Number:	1435 Webster		

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
2-Fluorobiphenyl (S)	SW8270C	7/15/14	07/16/14	1	30	115	66.3		%	421568	12174
p-Terphenyl-d14 (S)	SW8270C	7/15/14	07/16/14	1	37.9	127	112		%	421568	12174

Parameters:	Analysis Method	Prep Date	Date Analyzed	DF	MDL	PQL	Results	Lab Qualifier	Unit	Analytical Batch	Prep Batch
TPH(Gasoline)	8260TPH	7/17/14	07/17/14	1	30	100	ND		ug/Kg	421552	12206
(S) 4-Bromofluorobenzene	8260TPH	7/17/14	07/17/14	1	43.9	127	79.0		%	421552	12206



262 Michelle Court
 South San Francisco, CA 94080
 Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1407058

Project Name: 1435 Webster		Report to: Brian tecacculite@gmail.com		Analysis Required								Turn-around Time (work days)				
Project Address: 1435 Webster St. Alameda, CA		Bill to: TEC Acculite (650) 616-1200		8260B TPHg BTEX, fuel oxygenates, naphthalene	8270C PAHs							ASAP	1 Day	2 Days	3 Days	
Global ID: T0600100766		PO #: 22842												5 Days	10 Days	Other:
Sampler: BD Date: 7/14/14				Sample Type												
				ground water												
				Report Format												
				EDF												
				Remarks												
B-29	B-29@4'	S	1	acetate sleeve	7/10/14 1306	√	√	-001A								Run to ESLs
B-29	B-29@8'	S	1	acetate sleeve	7/10/14 1310	√	√	-002A								
B-29	B-29@12'	S	1	acetate sleeve	7/10/14 1313			-003A								**HOLD**
B-30	B-30@4'	S	1	acetate sleeve	7/10/14 1505	√	√	-004A								
B-30	B-30@8'	S	1	acetate sleeve	7/10/14 1502	√	√	-005A								
B-30	B-30@9.5'	S	1	acetate sleeve	7/10/14 1508			-006A								**HOLD**
B-31	B-31@4'	S	1	acetate sleeve	7/11/14 1043	√	√	-007A								
B-31	B-31@8'	S	1	acetate sleeve	7/11/14 1038	√	√	-008A								
B-32	B-32@4'	S	1	acetate sleeve	7/11/14 0832	√	√	-009A								

Relinquished by: Brian Doherty Date: 7/14/14 Time: 10:53 Received by: [Signature] Date: 7/14/14 Time: 12:21

Relinquished by: [Signature] Date: 7/14/14 Time: 12:21 Received by: [Signature] Date: 7/14/14 Time: 12:21

REC- LI- LBL- LIR
 FC Tempic Page 3 of 4



262 Michelle Court
 South San Francisco, CA 94080
 Ph No.: (650)616 1200, Fax No.: (650)616 1244

CHAIN OF CUSTODY

Lab Work Order #: 1407058

Project Name: 1435 Webster		Report to: <u>Brian</u> tecaccutile@gmail.com		Analysis Required								Turn-around Time (work days)						
Project Address: 1435 Webster St. Alameda, CA		Bill to: TEC Accutite (650) 616-1200		8260B TPHg BTEX, fuel oxygenates, naphthalene	8270C PAHs									ASAP	1 Day	2 Days	3 Days	
Global ID: T0600100766		PO #: <u>22842</u>													5 Days	10 Days	Other:	
Sampler: BD Date: <u>7/14/14</u>															Sample Type			
Field Point ID	Sample ID	Sample Matrix	# of Containers			Container Type	Sample Date & Time									ground water		
														Report Format				
														EDF				
														Remarks				
B-32	B-32@8'	S	1	acetate sleeve	7/11/14 0828	✓	✓							Run to ESLs				
B-32	B-32@12'	S	1	acetate sleeve	7/11/14 0837									**HOLD**				
Relinquished by: <u>Brian Doherty</u>		Date: <u>7/14/14</u>		Time: <u>10:53</u>		Received by: <u>[Signature]</u>		Date: <u>7-14-14</u>		Time: <u>12:20</u>								
Relinquished by: <u>[Signature]</u>		Date: <u>7-14-14</u>		Time: <u>12:21</u>		Received by: <u>[Signature]</u>		Date: <u>7-14-14</u>		Time: <u>12:21</u>								

REC- LIR LBL LIR

Benzo(a)pyrene Conversion Table

For Direct Exposure Soil Cleanup Target Levels

Facility/Site Name: Olympian Oil
 Location: 1435 Webster St, Alameda
 Facility/Site ID No.: RO193

Soil Sample No. B-28 @ 4 feet
 Sample Date 7/10/2014
 Location: WO UST
 Depth (ft): 4 feet

INSTRUCTIONS: Calculate Total Benzo(a)pyrene Equivalents if at least one of the carcinogenic PAHs is detected in the sample at a concentration equal to or higher than the Method Detection Limit (MDL), whether quantified with certainty (the concentration reported has no qualifier) or estimated (the concentration reported has a "J", "T" or "I" qualifier). Enter the contaminant concentrations (in mg/kg) for all seven carcinogenic PAHs in the yellow boxes using the following criteria (and see table below):

1. If quantified with certainty, or estimated and has the "J" qualifier, enter the reported value;
2. If not detected at the MDL (the concentration reported is the MDL followed by the "U" qualifier) enter 1/2 of the reported value;
3. If detected at a concentration lower than the MDL and the concentration is estimated (has the "T" qualifier) enter the estimated value;
4. If detected at a concentration equal to or higher than the MDL but lower than the Practical Quantitation Limit (PQL) and the concentration is estimated (has the "I" qualifier) enter the estimated value;
5. If detected at a concentration equal to or higher than the MDL but lower than the PQL and it is not estimated (the concentration reported is the PQL followed by the "M" qualifier) enter 1/2 of the reported value.

Contaminant	Concentration (mg/kg)	Toxic Equivalency Factor	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.360	1.0	0.3600
Benzo(a)anthracene	0.360	0.1	0.0360
Benzo(b)fluoranthene	0.360	0.1	0.0360
Benzo(k)fluoranthene	0.360	0.10	0.0360
Chrysene	0.360	0.010	0.0036
Dibenz(a,h)anthracene	0.360	0.34	0.1224
Indeno(1,2,3-cd)pyrene	0.360	0.1	0.0360

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents = 0.63

The concentration shown EXCEEDS the Residential Direct Exposure SCTL of 0.1 mg/kg.

The concentration shown does not exceed the Industrial Direct Exposure SCTL of 0.7 mg/kg.

Summary Criteria for Table Entries			
Detection	Concentration Reported	Data Qualifier	Enter
Various	Quantified with certainty	None	reported value
Various	Estimated	J	reported (estimated) value
ND at MDL	MDL	U	1/2 reported value
< MDL	Estimated	T	reported (estimated) value
≥ MDL but < PQL	Estimated	I	reported (estimated) value
≥ MDL but < PQL	PQL	M	1/2 reported value

ATTACHMENT 8

ALAMEDA COUNTY
HEALTH CARE SERVICES



ENVIRONMENTAL HEALTH DEPARTMENT
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

AGENCY

ALEX BRISCOE, Agency Director

Certified Mail #:

February 23, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address: OLYMPIAN #112 1435 WEBSTER ST Alameda, CA 94501

Local ID:	RO0000193
Related ID:	3568
RWQCB ID:	01-0832
Global ID:	T0600100766

Responsible Party:

OLYMPIAN OIL
MR. FRED BERTETTA C/O: MS. JANET HEIKEL
1300 INDUSTRIAL RD, SUITE 2
SAN CARLOS CA 94070

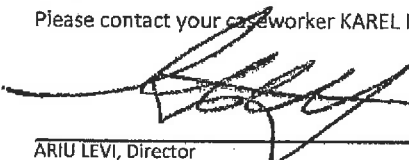
Date First Reported:	9/21/1989
Substance:	8006619 Gasoline-Automotive (motor gasoline and additives), leaded & unleaded 12035 Waste Oil/Used Oil 12034 Diesel fuel oil & additives Nos. 1-D
Funding for Oversight:	LOPS - LOP State Fund
Multiple RPs?:	Yes

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter. For purposes of Implementing section 25297.15, this agency has identified OLYMPIAN OIL as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency, within 20 calendar days of receipt of this notice that identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

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Pursuant to section 25296.10(c)(6) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the designation process.

Please contact your caseworker KAREL DETTERMAN at this office at (510) 567-6708 if you have questions regarding your site.


Date: 2/24/15
ARIU LEVI, Director
Contract Project Director

Action:	Update
Reason:	ADD

Attachment A: Responsible Parties Data Sheet

cc: Cindy Davis, SWRCB (email: cindy.davis@waterboards.ca.gov) | Dilan Roe (email: dilan.roe@acgov.org), File

ALAMEDA COUNTY
HEALTH CARE SERVICES



ENVIRONMENTAL HEALTH DEPARTMENT
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

AGENCY

ALEX BRISCOE, Agency Director

Certified Mail #:

February 23, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address: OLYMPIAN #112 1435 WEBSTER ST Alameda, CA 94501

Local ID:	RO0000193
Related ID:	3568
RWQCB ID:	01-0832
Global ID:	T0600100766

Responsible Party:

**GEOFFREY A. & SHIRLEY M. FARRAR ET AL. &
GEOFFREY A. & SHIRLEY M. FARRAR TRUST &
GEOFFREY A. FARRAR & GEORGE P. HARRISON
TRUST**

**PO BOX 1701
CHICO CA 95927**

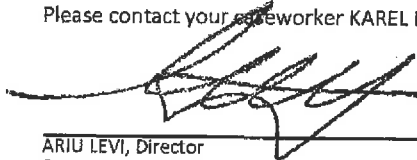
Date First Reported:	9/21/1989
Substance:	8006619 Gasoline-Automotive (motor gasoline and additives), leaded & unleaded 12035 Waste Oil/Used Oil 12034 Diesel fuel oil & additives Nos. 1-D
Funding for Oversight:	LOPS - LOP State Fund
Multiple RPs?:	Yes

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed in the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter. For purposes of implementing section 25297.15, this agency has identified GEOFFREY A. & SHIRLEY M. FARRAR ET AL., & GEOFFREY A. & SHIRLEY M. FARRAR TRUST, & GEOFFREY A. FARRAR & GEORGE P. HARRISON TRUST as the primary or active Responsible Party. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency, within 20 calendar days of receipt of this notice that identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

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Pursuant to section 25296.10(c)(6) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the designation process.

Please contact your newsworker KAREL DETTERMAN at this office at (510) 567-6708, if you have questions regarding your site.


Date: 2/24/15
ARIU LEVI, Director
Contract Project Director

Action:	Update
Reason:	ADD

Attachment A: Responsible Parties Data Sheet

cc: Cindy Davis, SWRCB (email: cindy.davis@waterboards.ca.gov) | Dilan Roe (email: dilan.roe@acgov.org), File

ALAMEDA COUNTY
HEALTH CARE SERVICES



ENVIRONMENTAL HEALTH DEPARTMENT
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

AGENCY

ALEX BRISCOE, Agency Director

Certified Mail #:

February 23, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address: OLYMPIAN #112 1435 WEBSTER ST Alameda, CA 94501
--

Local ID:	RO0000193
Related ID:	3568
RWQCB ID:	01-0832
Global ID:	T0600100766

Responsible Party:

JOHN E. FARRAR TRUST &
CHARLES A. BEGLEY &
DOROTHY A. CRANE
260 MICHELLE COURT
SOUTH SAN FRANCISCO CA 94080

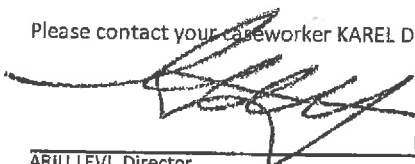
Date First Reported:	9/21/1989
Substance:	8006619 Gasoline-Automotive (motor gasoline and additives), leaded & unleaded 12035 Waste Oil/Used Oil 12034 Diesel fuel oil & additives Nos. 1-D
Funding for Oversight:	LOPS - LOP State Fund
Multiple RPs?:	Yes

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Please contact your caseworker KAREL DETTERMAN at this office at (510) 567-6708 if you have questions regarding your site.


Date: 2/24/15
ARIU LEVI, Director
Contract Project Director

Action:	Update
Reason:	ADD

Attachment A: Responsible Parties Data Sheet

cc: Cindy Davis, SWRCB (email: cindy.davis@waterboards.ca.gov) | Dilan Roe (email: dilan.roe@ecgov.org), File

ALAMEDA COUNTY
HEALTH CARE SERVICES



ENVIRONMENTAL HEALTH DEPARTMENT
OFFICE OF THE DIRECTOR
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

AGENCY

ALEX BRISCOE, Agency Director

Certified Mail #: 7009 2820 0001 4359 8358

February 23, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
OLYMPIAN #112
1435 WEBSTER ST
Alameda, CA 94501

Local ID:	RO0000193
Related ID:	3568
RWQCB ID:	01-0832
Global ID:	T0600100766

Responsible Party:

**DANNAN DEVELOPMENT LLC &
ANDREW & RUTH GOLDBERG TRUST ET AL
1190 PINE FLAT ROAD
SANTA CRUZ CA 95060**

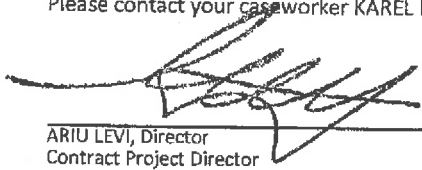
Date First Reported:	9/21/1989
Substance:	8006619 Gasoline-Automotive (motor gasoline and additives), leaded & unleaded 12035 Waste Oil/Used Oil 12034 Diesel fuel oil & additives Nos. 1-D
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Date: 2/24/15
ARIU LEVI, Director
Contract Project Director

Action:	Update
Reason:	ADD

Attachment A: Responsible Parties Data Sheet

cc: Cindy Davis, SWRCB (email: cindy.davis@waterboards.ca.gov) | Dilan Roe (email: dilan.roe@acgov.org), File

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
LUFT LOCAL OVERSIGHT PROGRAM

ATTACHMENT A - RESPONSIBLE PARTIES DATA SHEET

February 23, 2015

Site Name & Address: OLYMPIAN #112 1435 WEBSTER ST Alameda, CA 94501
--

Local ID:	RO0000193
Related ID:	3568
RWQCB ID:	01-0832
Global ID:	T0600100766

All Responsible Parties

RP has been named a Primary RP - OLYMPIAN OIL
MR. FRED BERTETTA C/O: MS. JANET HEIKEL
1300 INDUSTRIAL RD, SUITE 2 | SAN CARLOS, CA 94070 | Phone (650) 596-8950

RP has been named a Primary RP - GEOFFREY A. & SHIRLEY M. FARRAR ET AL., GEOFFREY A. & SHIRLEY M. FARRAR TRUST, & GEOFFREY A. FARRAR & GEORGE P. HARRISON TRUST
PO BOX 1701 | CHICO, CA 95927 | Phone (916) 894-4543

RP has been named a Primary RP - JOHN E. FARRAR TRUST, CHARLES A. BEGLEY, & DOROTHY A. CRANE
260 MICHELLE COURT | SOUTH SAN FRANCISCO, CA 94080 | No Phone Number Listed

RP has been named a Primary RP - DANNAN DEVELOPMENT LLC
ANDREW & RUTH GOLDBERG TRUST ET AL.
1190 PINE FLAT ROAD | SANTA CRUZ, CA 95060 | No Phone Number Listed

Responsible Party Identification Background

Alameda County Environmental Health (ACEH) names a "Responsible Party," as defined under 23 C.C.R. Sec. 2720. Section 2720 defines a responsible party 4 ways. An RP can be:

1. "Any person who owns or operates an underground storage tank used for the storage of any hazardous substance."
2. "In the case of any underground storage tank no longer in use, any person who owned or operated the underground storage tank immediately before the discontinuation of its use."
3. "Any owner of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred."
4. "Any person who had or has control over an underground storage tank at the time of or following an unauthorized release of a hazardous substance."

ATTACHMENT A - RESPONSIBLE PARTIES DATA SHEET (Continued)

February 23, 2015

Responsible Party Identification

Existence of Unauthorized Release

In September 1989 soil sampling was conducted following the removal of two 10,000-gallon gasoline underground storage tanks (USTs), one 7,500-gallon diesel UST, and one 500-gallon waste oil UST from the site. Concentrations up to 110 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg), 200 mg/kg TPH as diesel (TPHd), and 650 mg/kg oil and grease were detected in soil samples taken during the UST removal. These data indicate that an unauthorized release from the USTs had occurred at the site.

Responsible Party Identification

Ownership of the property was maintained by the individual, trustee, or the trust of John E. Farrar, Charles A. Begley, and Dorothy A. Crane between January 14, 1970 and February 6, 1998. The Individual, trustee, or the trust of John E. Farrar, Charles A. Begley, and Dorothy A. Crane are responsible parties because they owned the property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

The individual, trustee, or the trust of John E. Farrar, Charles A. Begley, and Dorothy A. Crane leased the site to Olympian Oil, who subleased the site to Car Savers of Northern California on November 1, 1984, who in turn assigned its sublease to Jiffy Lube International until November 1986. Olympian Oil is named as a responsible party because it had control over an underground storage tank at the time of or following an unauthorized release of a hazardous substance (Definition 4).

Ownership of the property was maintained by the individual, trustee, or the trust of Geoffrey A. Farrar, George P. Harrison Trust & Shirley M. Farrar et al between February 6, 1998 and July 24, 2014. The individual, trustee, or the trust of Geoffrey A. Farrar, George P. Harrison Trust & Shirley M. Farrar et al are Responsible Parties because they owned the property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

The Dannan Development LLC & Andrew & Ruth Goldberg Trust purchased or acquired the property on July 24, 2014. The Dannan Development LLC & Andrew & Ruth Goldberg Trust are Responsible Parties because they own property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).



COUNTY OF ALAMEDA
Assessor's Office
Property Value System

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[History](#) | [Value](#) | [Transfer](#) | [Map](#) | [Glossary](#)

Parcel Number: **74-427-5-1** · Inactive: **N** · Lien Date: **01/01/2015** · Owner: **DANNAN DEVELOPMENT LLC & GOLDBERG ANDREW & RU ETAL**
 Property Address: **1435 WEBSTER ST, ALAMEDA, CA 94501**

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
DANNAN DEVELOPMENT LLC & GOLDBERG ANDREW & RU ETAL	List Owners	1190 PINE FLAT RD , SANTA CRUZ, CA 95060-9752	07/24/2014	2014-184053	\$825,000	1	3000
FARRAR GEOFFREY A TR & FARRAR GEOFFREY A & SH ETAL	List Owners	PO BOX 1701 , CHICO, CA 95927-1701	07/24/2014	2014-184052		1	3000
FARRAR GEOFFREY A & SHIRLEY M TRS & FARRAR G ETAL	List Owners	PO BOX 1701 , CHICO, CA 95927-1701	07/07/2004	2004-308325		1	3000
FARRAR GEOFFREY A & HARRISON GEORGE P TRS ETAL	List Owners	PO BOX 1701 , CHICO, CA 95927-1701	11/05/2002	2002-507592		1	3000
FARRAR GEOFFREY A & HARRISON GEORGE P TRS ETAL c/o PUBLIC WORKS	List Owners	950 W MALL SQ , ALAMEDA, CA 94501-7575	02/06/1998	1998-49497		1	3000
FARRAR GEOFFREY A & HARRISON GEORGE P TRS ETAL	List Owners	PO BOX 1701 , CHICO, CA 95927-1701	02/06/1998	1998-49496		1	3000
FARRAR JOHN E TR & BEGLEY CHARLES A & CRANE D c/o GEOFFREY A FARRAR	List Owners	PO BOX 1701 , CHICO, CA 95927-1701	11/30/1995	TRAN-95241		1	3000
FARRAR JOHN E TR & BEGLEY CHARLES A & CRANE D A c/o CITY OF ALAMEDA FIN	List Owners	2263 SANTA CLARA AVE , ALAMEDA, CA 94501-4477	09/11/1989	1989-245401		1	3000
FARRAR JOHN E & BEGLEY CHARLES A & CRANE D A c/o RICHARD SANDERS	List Owners	260 MICHELLE CT , SOUTH SAN FRANCISCO, CA 94080-6201	04/16/1973	1973-50176		4	3000
FARRAR JOHN E TRUSTEE + FARRAR JOHN E	List Owners	1435 WEBSTER ST , ALAMEDA, CA 94501-3342	01/14/1970	1970-4318		4	3000

ASSESSOR'S MAP 74

Code Area No. 21-000 21-004

427

Plat of the Property of James Riddell. (BK 6 Pg. 12)
Plat of the Encinal San Antonio. (BK A Pg. 152)

Scale: 1" = 50'

423

REV. A-S-61 AY
11-15-59 M.C.
1-29-78
4-30-82 PB

1457
1457 1/2

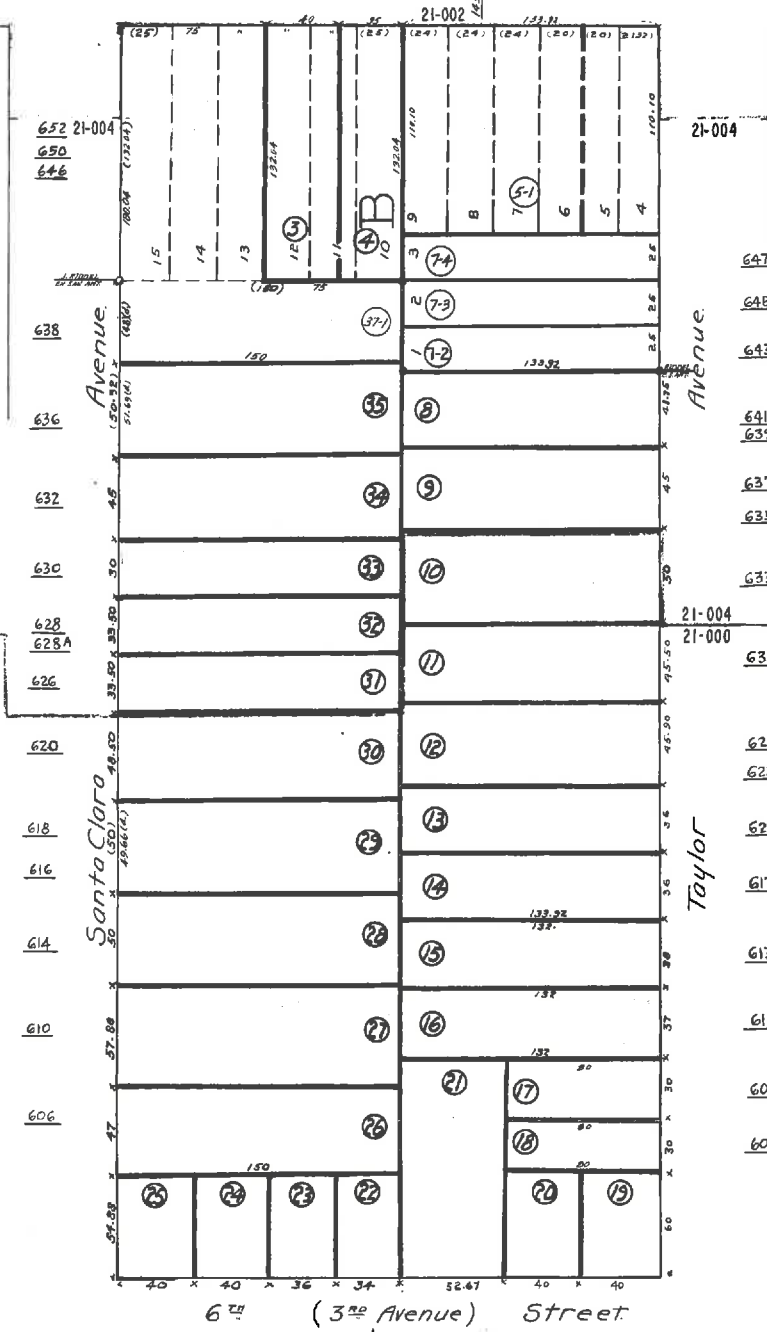
1455

1451-53-53A

1445-47-49

422 BOOK 73

Webster (7th) Street.



428

426

441

442

443

IND.1