ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
COLLEEN CHAWLA, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP) FOR
HAZARDOUS MATERIALS RELEASES
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

October 3, 2018

1607 2nd Ave. LLC
425 7th Street, Suite A
Oakland, CA 94607-3911
Attn.: Harry Tung
(*Sent via electronic mail to:* harryttung@hotmail.com)

RGG LLC et al
360 17th Street, #204
Oakland, CA 94612

Latwuania S Rogers
360 17th Street, #204
Oakland, CA 94612

Richard L & Linda M Weinstein Trust et al
360 17th Street, #204
Oakland, CA 94612
Attn.: Richard Weinstein

Usen Ime et al
PO Box 16241
Oakland, CA 94610

Prince Solomon
30279 Oakbrook Rd.
Hayward, CA 94544

Prince Solomon & Marcel Uzegbu
1607 2nd Avenue
Oakland, CA 94606

Marcel Uzegbu
2666 Gill Dr.
Concord, CA 94520

Chinazam Igweka
PO Box 16241
Oakland, CA 94610

Cecilia E. Smock
250 Montecito Ave.
Oakland, CA 94610

1607 2nd Ave, LLC
c/o Pacific Sales & Mgmt.
425 7th St., Ste A
Oakland, CA 94607

Elizabeth Epstein & Hannah & Abe Glesser Estate
1607 2nd Avenue
Oakland, CA 94606

John & Darlene Delucchi
5725 Harbord Dr.
Oakland, CA 94612

Elizabeth & S B Epstein & Hannah & Abe Glesser
1607 2nd Avenue
Oakland, CA 94606

Subject: Closure for Fuel Leak Case RO0003170 and GeoTracker Global ID T10000006756, Second Avenue UST, 1607 2nd Avenue, Oakland, CA 94606

Dear Ladies and Gentlemen:

This letter transmits the enclosed Remedial Action Completion Certificate and Case Closure Summary for the subject leaking underground fuel tank case. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. This Remedial Action Completion Certificate 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).

If you have any questions, please call the Caseworker, Keith Nowell, at (510) 567-6764. Thank you.

Sincerely,

Paresh Khatri
Program Manager- Local Oversight Program

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

Jan Schutze, Schutze & Associates, Inc., 44358 South Grimmer Boulevard, Fremont, CA 94538
(*Sent via electronic mail to: js@schutze-inc.com*)

Dilan Roe, ACDEH, (*Sent via electronic mail to: dilan.roe@acgov.org*)
Paresh Khatri, ACDEH, (*Sent via electronic mail to: paresh.khatri@acgov.org*)
Keith Nowell, ACDEH (*Sent via electronic mail to: keith.nowell@acgov.org*)

GeoTracker, File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
COLLEEN CHAWLA, Agency Director

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1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6700
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REMEDIAL ACTION COMPLETION CERTIFICATION

October 3, 2018

1607 2nd Ave. LLC
425 7th Street, Suite A
Oakland, CA 94607-3911
Attn.: Harry Tung
(*Sent via electronic mail to:* harryttung@hotmail.com)

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1607 2nd Avenue
Oakland, CA 94606

Subject: Case Closure for Fuel Leak Case RO0003170 and GeoTracker Global ID T10000006756, Second Avenue UST, 1607 2nd Avenue, Oakland, CA 94606

Dear Responsible Parties:

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

Based on information in the above-referenced file and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25296.10 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.3 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

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,

Ronald Browder
Director

ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
LEAKING UNDERGROUND STORAGE TANK CLEANUP SITE
CASE CLOSURE SUMMARY FORM

Second Avenue UST, 1607 2nd Avenue, Oakland, CA
Case No. RO0003170, Geotracker ID T10000006756

OCTOBER 3, 2018

This Case Closure Summary Form was prepared by Alameda County Department of Environmental Health (ACDEH) for the case identified above. This form provides a summary of information on the case and the basis for case closure. ACDEH's closure determination was based upon information in the case file and a case closure evaluation conducted in accordance with the State Water Resources Control Board's Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants. Based on this evaluation, and with the provision that the information provided to this agency is accurate and representative of site conditions, ACDEH has determined that there is a low threat to human health and safety and the environment at and in the vicinity of the site from residual subsurface contamination associated with the unauthorized release of petroleum related constituents from underground storage tank systems at the site.

Information in this Case Closure Summary Form is organized as follows:

- **Section 1 – Case Information**: Facility/site address, case identification numbers, lead regulatory oversight agency information, and responsible party information;
- **Section 2 – Property Information**: Assessor parcel numbers, historic land use and operations, environmental cases associated with the property, and land use at time of case closure;
- **Section 3 – Case Summary**: Reason the case was opened, investigation and cleanup activities, and the basis for the case closure determination;
- **Section 4 – Residual Contamination**: Constituents evaluated during site investigation activities and residual contamination remaining at closure;
- **Section 5 – Engineering and Institutional Controls**: Engineering and institutional controls established for the property; and
- **Section 6 – Completion of Closure Activities**: Status of monitoring and remediation wells and probes and disposal of investigation and remediation derived waste, and stakeholder notification of the proposed case closure.

Supporting documentation is provided in the following attachments:

- **Attachment A – LTCP Evaluation:** Geotracker LTCP checklist, site conceptual model summary, and LTCP media specific evaluation for groundwater, vapor intrusion and direct contact/outdoor air exposure;
- **Attachment B – Site Investigation Data**: Preferential pathways and sensitive receptor survey data, boring logs and media specific data;
- **Attachment C – Responsible Party & Property Information**: Responsible party identification, assessor's office property information, site configuration at time of case closure, and institutional controls (if applicable);
- **Attachment D – Case Closure Public Notification Information**: Public notification fact sheet and distribution list;
- **Attachment E**: List of attachment subcategories, and acronyms and symbols used in the Closure Summary Form.

Additional information on this case can be viewed in the online case file over the Internet on the ACDEH 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). Both databases should be reviewed to obtain a complete history.

CASE CLOSURE SUMMARY FORM

SECTION 1 - CASE INFORMATION

A. Facility/Site Address (Case Name & Address)

Project Name	Address
Second Avenue UST	1607 2nd Avenue, Oakland, CA 94606

B. Case Identification Numbers

Cleanup Oversight Agencies	Case/ID No
Alameda County Local Oversight Program (LOP) - Lead Agency	RO0003170
San Francisco Bay Regional Water Quality Control Board (Region 2)	None
State Water Resources Control Board GeoTracker Global ID	T10000006756

C. Lead Agency Information

Agency Name:	Agency Address:	Agency Phone:
Alameda County Department of Environmental Health (ACDEH)	1131 Harbor Bay Parkway, Alameda, CA 94502-6577	(510) 567-6700
Case Worker:	LOP Supervisor:	Land Water Division Chief:
Keith Nowell, PG 8145, CHG 899	Paresh Khatri	Dilan Roe, PE C73703

D. Responsible Party Information

Responsible Parties:	Address:
1607 2nd Ave. LLC c/o Pacific Sales & Mgmt.	425 7th Street, Suite A, Oakland, CA 94607-3911
Richard L & Linda M Weinstein Trs EtAl c/o Mr. Richard Weinstein	360 17th St., #204, Oakland, CA 94612-3340
RGG LLC ETAL	360 17th St., #204, Oakland, CA 94612-3340
Latwuania S Rogers	360 17th St., #204, Oakland, CA 94612
Ime Usen ETAL	P.O. Box 16241, Oakland, CA 94610
Prince Solomon	30279 Oakbrook Rd., Hayward, CA 94544-6669
Prince Solomon & Marcel Uzegbu	1607 2nd Avenue, Oakland, CA 94606
Marcel Uzegbu	2666 Gill Dr, Concord, CA 94520-2234
Chinazam Igweka	PO Box 16241, Oakland, CA 94610-6241

Cecelia E Smock	250 Montecito Ave, Oakaland, CA 94610-4376
John S & Darlene C Delucchi	5725 Harbord Dr, Oakland, CA 94611-3162
Elizabeth C Epstein & Hannah & Abe Glesser Estate	1607 2nd Ave, Oakland, CA 94606-1713
S B + Elizabeth C Epstein + A +Hannah Glesser	1607 2nd Ave, Oakland, CA 94606-1713

SECTON 2 - PROPERTY INFORMATION

A. Assessor Parcel Numbers (APNs) & Associated Addresses

	APN(s)	Addresses
Current	20-182-3	1607 2nd Avenue
Historic	N/A	None Identified

B. Identified Historic Land Use & Operations

Type	Description
Apartment Building	The property is located on the northern corner of intersection formed by 2nd Avenue and East 16th Street in Oakland, CA. The Site consists of an approximate lotline-to-lotline two story apartment building with four commercial suites fronting 2nd Avenue and 18 residential units accessed via 16th Street. The residential units have address of 134 E 16th Street, Units #1 through #18, and the commercial units are addressed as 1601, 1603, 1605 and 1607 2nd Avenue.
Hotel	A structure has occupied the property since at least 1962. Prior to the current use of the building as apartments, the property may have operated as a hotel. The hotel operated from at least 1992 through approximately 1997.
Other Site Uses	Unknown

C. Environmental Cases Associated with Property

Case Type	Lead Agency	LOP Case No; Geotracker ID	Case Name	Associated Historic Land Use	Primary PCOCs	Year Case Opened/Closed
Case Associated with this Case Closure Summary Form						
LUST[1]	ACDEH	RO0003170; T10000006756	Second Avenue UST	Apartment Building	**Heating oil UST:** TPH d and oil, BTEX, VOCs	2015/2018
Other Cases Associated with the Property						
None	----	----	----	----	----	----

SECTON 3 – CASE SUMMARY

A. Known UST Systems & Service Station Infrastructure

UST System Component	Size/Quantity	Material Stored	Status	URF Filing Date
UST	1,500 gallon	Heating oil	Removed	11/19/2014

B. Unauthorized Release Description & Reason Case Opened

One underground storage tank (UST) containing heating oil was discovered beneath the sidewalk along the East 16th Street frontage of the property. The tank was 10 feet in length by 5 feet in diameter and constructed of single wall bare steel. A fuel line between the UST and the apartment building was removed and capped at the building entrance. The age of the tank is unknown and the owner had no prior knowledge of the tank nor is there any indication of previous site investigation activities. The tank was found to be in poor condition with visible holes. Soil discoloration and hydrocarbon odors were observed in the tank overburden soil and/or in the soil beneath the tank.

SECTON 3 – CASE SUMMARY (CONTINUED)

C. Site Investigations

Site investigation associated with the UST release has been conducted from 2014 to 2017.

On November 2014, after tank removal one four-point composite soil sample from the stockpiled overburden and two discrete soil samples from the base of the tank excavation were collected.

On February 2016, a soil and groundwater investigation was conducted by Schutze & Associates and soil bores B2 through B5 were installed to investigate the lateral and vertical extent of potential hydrocarbon contamination in the soil and groundwater beneath the subject site.

On November 2016, four soil gas probes in the vicinity of the former waste oil UST and inside the on-site building's utility room; however, due to a high ambient air leak greater than 5%, the soil gas sampling event was requested to be repeated.

On January 2017, a soil vapor investigation was conducted at the site consisting of the collection of 3 soil vapor samples. One sub-slab vapor probe, SV-1-3, and one soil bore, SV-1-5, were advanced to 3 and 5 ft below the depth of the apartment building's concrete slab within the interior of the utility room of the apartment building. Bore SV-2 was advanced adjacent to the building through the sidewalk at the location where the heating oil feed pipe entered the building. Soil vapor sample SV-2-5 was collected at a depth of 5 feet bgs.

D. Remediation

Approximately 22 tons of soil excavated from the tank pit was profiled and disposed after elevated concentration of TPH was detected. The pit was backfilled with clean import material.

E. Closure Evaluation

This LUST case was evaluated for closure consistent with the State Water Resource Control Board's Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants. ACDEH determined that the site met all the LTCP General Criteria and two of the Media Specific Criteria. ACDEH has made the determination that the site poses a low risk to human health and safety and the environment. The determination was based on receptors and environmental conditions identified at and in the vicinity of the site at the time of closure and reasonably anticipated near-term future scenarios.

SECTON 4 – RESIDUAL CONTAMINATION

A. Constituents Evaluated & Residual Contamination Remaining at Closure

Material Stored/Dispensed in UST System	Analytes	Sampled, Residual	Media						
			S	GW	SW	SV	SS	IA	OA
Engine Fuels ☐ Gasoline Fuel (1, 2, 9, 10, 11, 12, 13, 14) ☐ Diesel Fuel (2, 9, 10) ☐ Jet Fuel (1, 2, 4, 9, 10) ☐ Unknown Fuel (1, 2, 4, 9, 10, 11, 12, 13, 14) **Heating Oils** ☐ Kerosene (2, 5, 9, 10) ☒ Residential Heating Oils (2, 3, 9, 10) ☐ Commercial & Industrial Heating Oils (1, 2, 3, 7, 9, 10, 15, 16) **Other Oils** ☐ Waste (Used) Oil (1, 2, 3, 9, 10, 15, 16, 17, 18) ☐ Hydraulic Oil (8, 16, 17) ☐ Dielectric Oil (2, 3, 10, 16, 17) ☐ Unknown Oil (1, 2, 3, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18) **Solvents** ☐ Hydrocarbon Solvents (2, 3, 6, 9, 10) ☐ Chlorinated Solvents (15)	TPH-g[1]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	TPH-d[2]	Sampled	☒	☒	☐	☐	☐	☐	☐
		Residual	☒	☐	☐	☐	☐	☐	☐
	TPH-mo[3] (soil only)	Sampled	☒	☒	☐	☐	☐	☐	☐
		Residual	☒	☐	☐	☐	☐	☐	☐
	TPH-jf[4]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	TPH-k[5]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	TPH-ss[6]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	TPH-bo[7]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	TPH- ho[8]	Sampled	☒	☒	☐	☐	☐	☐	☐
		Residual	☒	☐	☐	☐	☐	☐	☐
	BTEX[9]	Sampled	☒	☒	☐	☒	☒	☐	☐
		Residual	☐	☐	☐	☒	☒	☐	☐
	Naphthalene[10]	Sampled	☒	☒	☐	☒	☒	☐	☐
		Residual	☒	☐	☐	☐	☐	☐	☐
	MTBE/TBA[11]	Sampled	☒	☒	☐	☒	☒	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	EDB/EDC[12]	Sampled	☒	☒	☐	☒	☒	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	Organic Lead[13] (TML, TEL)	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	Fuel Oxygenates[14] (DIPE, TAME, EtOH, ETBE)	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	VOCs[15] (full scan)	Sampled	☒	☒	☐	☒	☒	☐	☐
		Residual	☐	☒	☐	☒	☒	☐	☐
	SVOCs[16]	Sampled	☒	☒	☐	☐	☐	☐	☐
		Residual	☒	☐	☐	☐	☐	☐	☐
	PCBs[17]	Sampled	☐	☐	☐	☐	☐	☐	☐
		Residual	☐	☐	☐	☐	☐	☐	☐
	Metals[18] ☒ (Cd, Cr, Pb, Ni, Zn) ☐ (CAM 17)	Sampled	☒	☒	☐	☐	☐	☐	☐
		Residual	☒	☒	☐	☐	☐	☐	☐

S = Soil, GW = Groundwater, SW = Surface Water, SV = Soil Vapor, SS = Sub-Slab Vapor, IA = Indoor Air, OA = Outdoor Air

SECTON 5 – ENGINEERING AND INSTITUTIONAL CONTROLS

A. Land Use & Operations at Time of LUST Case Closure

At the time of closure the subject site consists of an occupied apartment building having four commercial ground floor units and 18 residential units. The commercial units are at grade and the first floor apartment units and common area have a raised floor over a three-to four-foot crawl space. Small, grade-level utility rooms accessed by a stair case are located to the rear of the building, as viewed from 2nd Avenue.

B. Engineering and Institutional Controls

Engineering Controls
Not Applicable
Institutional Controls
Not Applicable

SECTION 6 - COMPLETION OF CLOSURE ACTIVITIES

As a condition of case closure all monitoring and remediation wells and probes must be properly destroyed (unless the owner of the property on which the monitoring point is located certifies that the monitoring point will be maintained); all remediation systems must be decommissioned; all investigation and remediation derived waste must be properly disposed of; and all stakeholders notified of the proposed case closure.

A. Well Status (Groundwater)

No. of Wells Installed: 0 (None)	No. of Wells Lost: Not Applicable
No. of Wells Destroyed: Not Applicable	No. of Wells Retained: Not Applicable

B. Vapor Probe Status

No. of Soil Vapor Probes (VP) Installed: No permanent probes installed No. of Sub-Slab Probes Installed: No permanent probes installed.	No. of VPs Lost: Not Applicable
No. of VPs Destroyed: Not Applicable	No. of VPs Retained: Not Applicable

C. Remediation System Decommissioning

Type of System	None installed
Remediation System Components Removed	Not Applicable

D. Investigation and Remediation Derived Waste Removal Status

All investigation and remediation derived waste associated with the UST releases was removed from the site.

E. Public Comment

A 60 day public notification period was completed on August 10, 2018. One comment was received.

ATTACHMENT A-1

Geotracker LTCP Evaluation Checklist

SECOND AVENUE UST (T10000006756) - MAP THIS SITE

PUBLIC PAGE

1607 2ND AVENUE
OAKLAND , CA 94606
ALAMEDA COUNTY
LUST CLEANUP SITE (INFO)
STATUS: COMPLETED - CASE CLOSED

PERTINENT INFORMATION:
CUF Claim #: 20287 CUF Priority Assigned: C CUF Amount Paid: $19,343

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0003170 - KEITH NOWELL
SAN FRANCISCO BAY RWQCB (REGION 2) - Regional Water Board

Activities Report | Documents / Data | Environmental Conditions | Admin | Funding | Case Reviews

THIS PROJECT WAS LAST MODIFIED BY KEITH NOWELL ON 10/5/2018 10:36:44 AM - HISTORY

CLOSURE POLICY

THIS VERSION IS FINAL AS OF 10/5/2018

CLOSURE POLICY HISTORY

General Criteria - *The site satisfies the policy general criteria* - CLEAR SECTION ANSWERS — YES

a. Is the unauthorized release located within the service area of a public water system? — (●) YES ( ) NO

Name of Water System: East Bay MUD

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 — YES

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — (●) 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 — NO

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

ADDITIONAL QUESTIONS - Please indicate only those conditions that do not meet the policy criteria:

Soil Gas Samples:
( ) No Soil Gas Samples (●) Taken Incorrectly

Exposure Type:
(●) Residential ( ) Commercial

Free Product:
( ) In Groundwater ( ) In Soil ( ) Unknown

TPH in the Bioattenuation Zone:
(●) ≥ 100 mg/kg ( ) Unknown ( ) Soil samples not taken at two depths within 5 ft. zone (only for Scenario 4 with BioZone)

Bioattenuation Zone Thickness:
( ) < 5 Feet (No BioZone) (●) ≥ 5 Feet and < 10 Feet ( ) ≥ 10 Feet and < 30 Feet ( ) ≥ 30 Feet ( ) 30ft BioZone Compromised TPH > 100mg/kg ( ) Unknown

O2 Data in Bioattenuation Zone:
( ) No O_2 Data ( ) O_2 < 4% (●) O_2 ≥ 4%

Benzene in Groundwater:
( ) ≥ 100 µg/l and < 1,000 µg/l ( ) ≥ 1,000 µg/l ( ) Unknown

Soil Gas Benzene:
( ) ≥ 85 µg/m³ and < 280 µg/m³ ( ) ≥ 280 µg/m³ and < 85,000 µg/m³ ( ) ≥ 85,000 µg/m³ and < 280,000 µg/m³ ( ) ≥ 280,000 µg/m³ ( ) Unknown

Soil Gas EthylBenzene:
( ) ≥ 1,100 µg/m³ and < 3,600 µg/m³ ( ) ≥ 3,600 µg/m³ and < 1,100,000 µg/m³ ( ) ≥ 1,100,000 µg/m³ and < 3,600,000 µg/m³ ( ) ≥ 3,600,000 µg/m³ ( ) Unknown

Soil Gas Naphthalene:
( ) ≥ 93 µg/m³ and < 310 µg/m³ ( ) ≥ 310 µg/m³ and < 93,000 µg/m³ ( ) ≥ 93,000 µg/m³ and < 310,000 µg/m³ ( ) ≥ 310,000 µg/m³ ( ) Unknown

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 — YES

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(a) - 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

Should this case be closed in spite of NOT meeting policy criteria? — (●) YES ( ) NO

Explain:
Soil gas samples not collected 5 feet below the depth of the foundation. The 5-foot and 3-foot soil vapor sample analyses demonstrate attenuation is occurring and concentrations are below those listed in Scenario 4 of Appendix 4.

Has this LTCP Checklist been updated for FY 18/19? — (●) YES ( ) NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

ATTACHMENT A-2

Site Conceptual Model Summary

ATTACHMENT A-2

SITE CONCEPTUAL MODEL SUMMARY

A. Site Geology & Hydrogeology

The geologic and hydrogeologic characteristics of the site were evaluated using data from boring logs and groundwater observations made during the site investigations. Soil beneath the site consists of fine grained soil (clays, silty clays and clayey silts) between the ground surface to approximately 22 feet bgs, the maximum depth explored. Well graded gravelly sand lenses, typically less than 2-feet-thick were observed below 10 feet bgs. A surficial gravelly sand layer approximately 7.5-feet-thick in the vicinity of the tank pit was logged thinning and descending to the east, with the top of the layer at Boring B4 at approximately 5-feet-bgs and thinning to 3 feet thick.

Boring logs indicate groundwater is semiconfined. Two of three gravelly sand layers below 10 feet bgs are identified as 'wet (aquifer)' and the surficial gravelly sand layer was also described as wet, though above the dtw. The dtw was measured at approximately 11.5 to 12-feet bgs in three of the four bores and at a depth of 18 feet bgs in one bore. The bores may not have been opened a sufficient time to allow for the water level to stabilize. Groundwater flow has been interpretted to flow to the northwest toward Lake Merritt.

B. Dissolved Phase Contaminant Plume

Grab groundwater samples were collected from three soil bores. The analytical laboratory report documented all petroleum hydrocarbon constituent concentrations at levels below the laboratory reporting limits. Therefore, the release does not appear to have significantly impacted groundwater and is considered a soil-only case. The VOC chloroform and the metal nickel have been reported in two GGW samples at concentrations up to 13 ug/L and 1.8 ug/L, respectively. The samples exhibiting the highest concentrations are from the sample B-5-15-W.

SITE CONCEPTUAL MODEL SUMMARY (CONTINUED)

C. Non Aqueous Phase Liquid (NAPL)

LNAPL and sheen have not been observed in water samples collected at the site.

D. Soil Impacts

Soil samples collected as part of the investigations include two tank pit excavation (9464-W11 and 9464-E11) and eight samples collected from the four soil bores (B-2-8 & B-2-10; B-3-2.5, B-3-7.5 & B-3-10; B-4-7.5; B-5-2.5 & B-5-5). The samples appear to adequately characterize the unsaturated soil at the site.

- Two tank pit excavation samples were collected following the UST removal. Each sample was recovered from 2 feet below an end of the UST. The maximum concentrations of TPHd and and naphthalene were reported at 2.14 mg/kg and 0.0087 mg/kg, respectively. BTEX compound concentrations were reported at levels below the laboratory reporting limits. Additionally a four-point composite stockpile soil sample was collected for disposal profiling. The stockpile sample, 9464-SP, was documented to contain 307 mg/kg TPHd, 0.345 mg/kg naphthalene and 5.7 mg/kg lead.

- Of the eight soil bore samples recovered for analysis, two were documented to contain petroleum hydrocarbon concentrations above the laboratory reporting limit. Sample B-2-8, collected at a depth of 8 feet, was reported to contain TPHd, TPHmo and TPHho at concentrations of 15 mg/kg, 34 mg/kg and 6.0 mg/kg, respectively. Sample B-3-7.5, collected at a depth of 7.5 feet, was reported to contain TPHd, TPHmo and TPHho at concentrations of 2,700 mg/kg, 1,300 mg/kg and 1,500 mg/kg, respectively. Sample B-3-7.5 also contained the VOCs naphthalene at a concentration of 6.5 mg/kg and 1,2,4-Trimethylbenzene at 1.0 mg/kg, and the PAHs 1-methylnaphthalene, 2–methylnaphthalene, phenanthrene and pyrene at concentrations of 13 mg/kg, 10 mg/kg, 8.6 mg/kg and 5.5 mg/kg, respectively. Concentrations of TPHd, TPHmo and TPHho were below the laboratory reporting limit for the other six soil samples. BTEX, MTBE, naphthalene, and PAHs were analyzed in four samples (B-2-8, B-3-7.5 & B-3-10; and B-5-5). With the exception sample B-3-7.5 discussed previously, BTEX, MTBE, naphthalene, VOC and PAH concentrations were below their respective laboratory reporting limits.

E. Preferential Pathways

As the release has been determined not to have impacted groundwater, a preferential pathway survey was not conducted to evaluate the potential for contaminant migration via preferential utility lines, utility vaults, and trenches within the site vicinity.

F. Sensitive Receptors & Exposure Pathways

As the release has been determined not to have impacted groundwater, a sensitive receptor survey was not conducted. The site is occupied by a lotline-to-lotline commercial/residential building, tenants, customers and commercial workers are not likely to contact potentially impacted shallow soil. The ingestion, dermal contact, and inhalation of outdoor particulates from excavated soil exposure pathways are considered potentially complete for on-site construction workers only. These pathways are considered incomplete for tenants, customers and commercial workers, as excavation work is unlikely. The groundwater emission pathway (inhalation of indoor and outdoor air) is considered incomplete for all on-site and off-site human receptors as groundwater has not been significantly contaminated by the UST release. The soil gas emission pathway (inhalation of indoor and outdoor air) is considered potentially complete for all on-site human receptors. One on-site shallow (less than 10 feet bgs) soil sample collected to-date exhibited detections of total petroleum hydrocarbons as diesel (TPHd) and naphthalene above soil ESLs. A vapor intrusion evaluation was conducted at the site in 2017, Three soil vapor samples were collected from two bores- SV-1 and SV-2. The SV-1 bore samples were collected from beneath the utility room at depths of 3 feet (sub-slab) and at 5 feet, and SV-2-5 was collected at a depth of 5 feet in the vicinity of soil bore B3. One of the 3 soil vapor samples was reported to contain concentrations above the respective ESL. The ESL exceedance

occurred for one analyte- benzene. The SV-1-5 benzene concentration of 73 ug/m3 exceeds the ESL of 48 ug/m3; however, the sub-slab sample, SV-1-3, contained a benzene concentration of 5.0 ug/m3, indicating attenuation within the upper 5-feet of the soil was effectively reducing the benzene concentration to below the ESL. Soil vapor sample SV-2-5 was collected beneath the sidewalk in the vicinity of soil bore B3, the bore containing the most elevated soil contaminant concentrations identified from the UST release. The contaminant concentrations reported in the soil vapor sample were report below their respective ESL.

Vapor intrusion risk off site is unlikely due to the limited extents of the soil source area and lack of dissolved-phase contaminants in groundwater.

ATTACHMENT A-3

LTCP Media Specific Evaluation for Groundwater

ATTACHMENT A-3

LTCP Media Specific Evaluation - Groundwater					
Closure Scenario					
☒ Exemption - Site has not affected groundwater; ☐ Scenario 1 – Short stabilized contaminant plume; ☐ Scenario 2, ☐ Scenario 3 – Moderate stabilized contaminant plumes; ☐ Scenario 4 – Long stabilized contaminant plumes; ☐ Scenario 5 – Site specific conditions demonstrate that the contaminant plume poses a low threat to the human health and the environment					
Evaluation Criteria					
Key: Shading = site specific data; ☒ = type of data or criteria met; hatched box indicates no criteria					
Element Evaluated	**Site Specific Data**	**Short Plume Scenario 1**	**Moderate Plume Scenarios 2 & 3**		**Long Plume Scenario 4**
Plume Length (feet)- Not Applicable	☐ <100 ☐ <250 ☐ <1,000 ☐ ≥1,000	☐ <100	☐ <250	☐ <250	☐ <1,000
Free Product	☒ No FP ☐ FP Onsite ☐ FP Offsite ☐ Removed to Max Extent	☒ No FP	☐ No FP	☐ Removed to max extent onsite; ☐ Does not extend offsite	☐ No FP
Plume Stability- Not Applicable	☐ Extent Undefined ☐ Stable ☐ Decreasing ☐ ≥5 Years	☐ Stable or decreasing	☐ Stable or decreasing	☐ Stable or decreasing for ≥ 5 years	☐ Stable or decreasing
Distance to Nearest Water Supply Well from Plume Boundary (feet)	☐ <250 ☒ >250 ☒ >1,000	☒ >250	☒ >1,000	☒ >1,000	☒ >1,000
Distance to Nearest Surface Water Body from Plume Boundary (feet)	☒ >250 ☒ >1,000	☒ >250	☒ >1,000	☒ >1,000	☒ >1,000
Maximum Benzene Concentrations @ Closure (µg/l)	☒ < 1,000 ☒ < 3,000 ☐ > 3,000		☒ <3,000		☒ <1,000
Maximum MTBE Concentrations @ Closure (µg/l)	☒ < 1,000 ☐ > 1,000		☒ <1,000		☒ <1,000
Land Use Restriction	☒ Not Required ☐ Recorded			☐ Recorded	

ATTACHMENT A-3

LTCP Media Specific Evaluation - Groundwater	
Element	**Analysis**
Plume Length	Grab groundwater samples were collected from three soil bores. The analytical laboratory report documented all petroleum hydrocarbon constituent concentrations at levels below the laboratory reporting limits. Therefore, the release does not appear to have significantly impacted groundwater This case is considered to be soil-only..
Free Product	Free product has not been observed at the site.
Plume Stability	Groundwater has not been affected by the UST release.
Benzene Concentrations	Benzene has not been detected in groundwater at concentrations above the laboratory reporting limit.
MTBE Concentrations	MTBE has not been detected in groundwater at concentrations above the laboratory reporting limit.
Water Supply Wells	The results from the GeoTracker Groundwater Ambient Monitoring Assessment (GAMA) website indicates there are no DWR water supply wells, no California Department of Public Health wells, and no Department of Pesticide Regulation wells located within a 2,000 foot radius of the site. A review of well search files for Department of Water Resources and the Alameda County Public Works Agency was conducted for adjacent sites. The well search conducted for RO0003216, located at 1244 2nd Avenue in Oakland and dated October 20, 2016, found no supply wells within 250 feet of the site.
Surface Water Bodies	The closest surface water body is Lake Merritt located approximately 280 feet to the north-northwest in the anticipated down-gradient direction from the site. Lake Merritt, a tidally influenced lake, is connected to the Oakland estuary on San Francisco Bay by a 3,300-foot-long channel. Park Avenue Creek, flowing south-southwesterly in an underground culvert, enters Lake Merritt 470 feet north of the site. The Clinton Basin, the closest point on the Oakland estuary of San Francisco Bay to the site, is at a distance of approximately 3,700 feet south-southwest from the site.

ATTACHMENT A-4

LTCP Media Specific Evaluation for Vapor Intrusion

ATTACHMENT A-4

LTCP Media Specific Evaluation – Vapor Intrusion

Closure Scenario

☐ Exemption (Onsite) - Active fueling station exempt from vapor specific criteria;

☐ Scenario 1 – Unweathered free phase LNAPL on groundwater; ☐ Scenario 2 – Unweathered residual LNAPL in soil;

☐ Scenario 3a, ☐ Scenario 3b, ☐ Scenario 3c – Dissolved phase benzene concentrations in groundwater;

☐ Scenario 4a - Soil vapor concentrations without bioattenuation zone;

☐ Scenario 4b - Soil vapor concentrations with bioattenuation zone;

☐ Site specific risk assessment demonstrates human health is protected;

☐ Exposure controlled through use of mitigation measures or institutional or engineering controls

Evaluation Criteria.

Key: Shading = site specific data; ☒ = type of data or criteria met; hatched box indicates no criteria

Element Evaluated	Site Specific Data	High Concentration Source Scenarios 1, 2	Low Concentration Source Scenarios 3a, 3b, 3c			Soil Vapor Scenarios 4a, 4b	
		Unweathered NAPL	Maximum Dissolved Phase Benzene Concentration in Groundwater @ Closure			Without Bio. Zone	With Bio. Zone
Groundwater ☒ WT ☒ SC ☐ CF	Max Benzene Concentration: (µg/L): Historic = ND <0.50 @ Closure = ND <0.50		☒ <100	☐ ≥100 & <1,000	☒ <1,000		
NAPL ☒ No NAPL ☐ NAPL in Soil ☐ NAPL on GW	☒ Direct Evidence ☐ Indirect Evidence ☒ W; ☒ UW	☒ UW in Soil or ☒ UW on GW	☒ No UW in Soil or GW				
Foundations ☐ None ☒ Existing ☐ Proposed	☒ Slab on Grade ☒ Crawl Space ☐ Subterranean Features						
Bioattenuation Zone	Highest Historic Water Level (ft bgs): ≥ 11.5	☐ ≥30	☒ ≥5	☒ ≥10	☒ ≥5	☐ <5 or ☒ ≥ 5	☒ ≥ 5
	TPH(g+d) Concentration (mg/kg): 2,700	☐ <100	☐ <100	☐ <100	☐ <100	☐ <100 ☒ ≥100	☐ <100 (at 2 depths)
	Bio Zone Thickness (ft): ☐ <5; ☒ ≥5; ☐ ≥10; ☐ ≥30	☐ ≥30	☒ ≥5	☐ ≥10	☒ ≥5	☐ <5 or ☒ ≥ 5	☒ ≥ 5
	Oxygen Conc (%): 16- 17 ☐ <4; ☒ ≥4; ☐ No data		☐ No data ☐ <4, ☒ ≥4	☐ No data ☐ <4, ☒ ≥4	☒ ≥4	☐ < 4 ☒ ≥4	☒ ≥4 (at bottom)
Soil Vapor (Current Conditions) ☐ No Samples Collected	Sample Depth (ft bgs) ☒ Subslab = Not Applicable ☐ Soil Gas = 3.0					☒ <5 or ☐ ≥5	☐ ≥5
	Benzene Concentration (µg/m³): =5.0					☒ R< 85 ☒ C<280	☒ C<85,000 ☒ C<280,000
	Ethylbenzene Concentration (µg/m³): =4.8					☒ R<1,100 ☒ C<3,600	☒ R<1,100,000 ☒ C<3,600,000
	Naphthalene Concentration (µg/m³): <3.0					☒ R<93 ☒ R<310	☒ R<93,000 ☒ C<310,000

GW = Groundwater WT = Water Table SC = Semi-Confined CF = Confined W= Weathered UW = Unweathered R=Residnetial C=Commercial

ATTACHMENT A-4

LTCP Media Specific Evaluation – Vapor Intrusion	
Location	**Analysis**
Onsite	The site was evaluated for vapor intrusion risk based on the current site configuration as an apartment building with a portion of the first floor space occupied by commercial establishments. The site does not meet any of the LTCP Vapor intrusion scenarios as the soil vapor samples were not collected at appropriate depths designated in the policy. Based on the reported concentrations of petroleum hydrocarbon compounds in soil vapor, ACDEH has determined the residual soil vapor concentrations do not pose a significant vapor intrusion to indoor air health risk to building occupants.
Offsite	Offsite soil vapor intrusion risk was evalutated under the LTCP low groundwater concentration source scenarios. Soil vapor concentrations for benzene, ethylbenzene and naphthalene were not detected at concentrations exceeding the residential threshold concentrations presented in the LTCP. Based on the depth to water greater than 10 feet, the lack of TPH in groundwater, and an oxygen concentration greater than 4%, it is unlikely that a significant vapor intrusion risk from petroleum hydrodrocarbon and related fuel constituents exists to the nearby residential and commercial properties.

ATTACHMENT A-5

LTCP Media Specific Evaluation for Direct Contact & Outdoor Air Exposure

ATTACHMENT A-5

LTCP Media Specific Evaluation – Direct Contact & Outdoor Air

Closure Scenario

☐ Exemption (no petroleum hydrocarbons in upper 10 feet);

☒ Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below;

☐ Maximum concentrations of petroleum constituents are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health;

☐ 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 or engineering controls;

☒ This case should be closed in spite of not meeting the direct contact and outdoor air specific media criteria

Evaluation Criteria

Key: Shading = site specific data; ☒ = type of data or criteria met; hatched box indicates no criteria

Constituent (LTCP Criteria & Site Maximum)		Residential		Commercial/Industrial		All Scenarios
		Direct Contact	Volatilization to Outdoor Air	Direct Contact	Volatilization to Outdoor Air	Construction or Utility Worker
		0 to 5 ft bgs (mg/kg)	5 to 10 ft bgs (mg/kg)	0 to 5 ft bgs (mg/kg)	5 to 10 ft bgs (mg/kg)	0 to 10 ft bgs (mg/kg)
Analysis Required For All USTs						
Benzene	Current Site Max	ND<0.0050	ND<0.33	ND<0.0050	ND<0.33	ND<0.33
	LTCP Criteria	☒ ≤1.9	☒ ≤2.8	☒ ≤8.2	☒ ≤12	☒ ≤14
Ethylbenzene	Current Site Max	ND<0.0050	ND<0.33	ND<0.0050	ND<0.33	ND<0.33
	LTCP Criteria	☒ ≤21	☒ ≤32	☒ ≤89	☒ ≤134	☒ ≤314
Naphthalene	Current Site Max	ND<0.0050	6.5	ND<0.0050	6.5	6.5
	LTCP Criteria	☒ ≤9.7	☒ ≤9.7	☒ ≤45	☒ ≤45	☒ ≤219
Analysis Required For USTs with Waste Oil, Bunker C Fuel or Unknown Contents						
PAHs[1]	Current Site Max	ND<0.0050		ND<0.0050		ND<2.0
	LTCP Criteria	☒ ≤0.063		☒ ≤0.68		☒ ≤4.5

NR = Not Required NA = Not Analyzed

Notes:

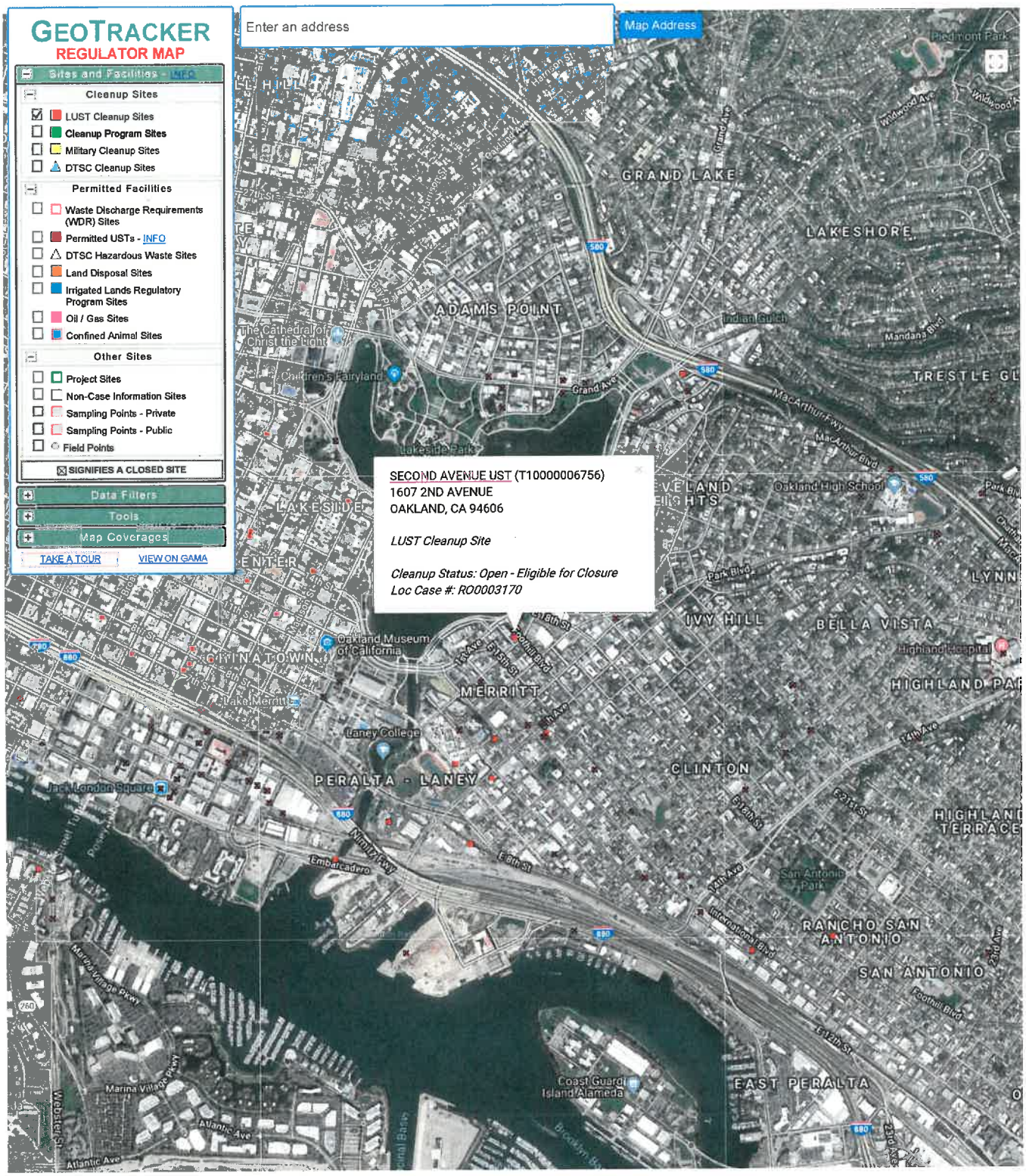
1. Based on the seven carcinogenic poly-aromatic hydrocarbons (PAHs) as benzo(a)pyrene toxicity equivalent (BaPe).
2. The area of impacted soil where a particular exposure occurs is ≤ 82 by 82 feet

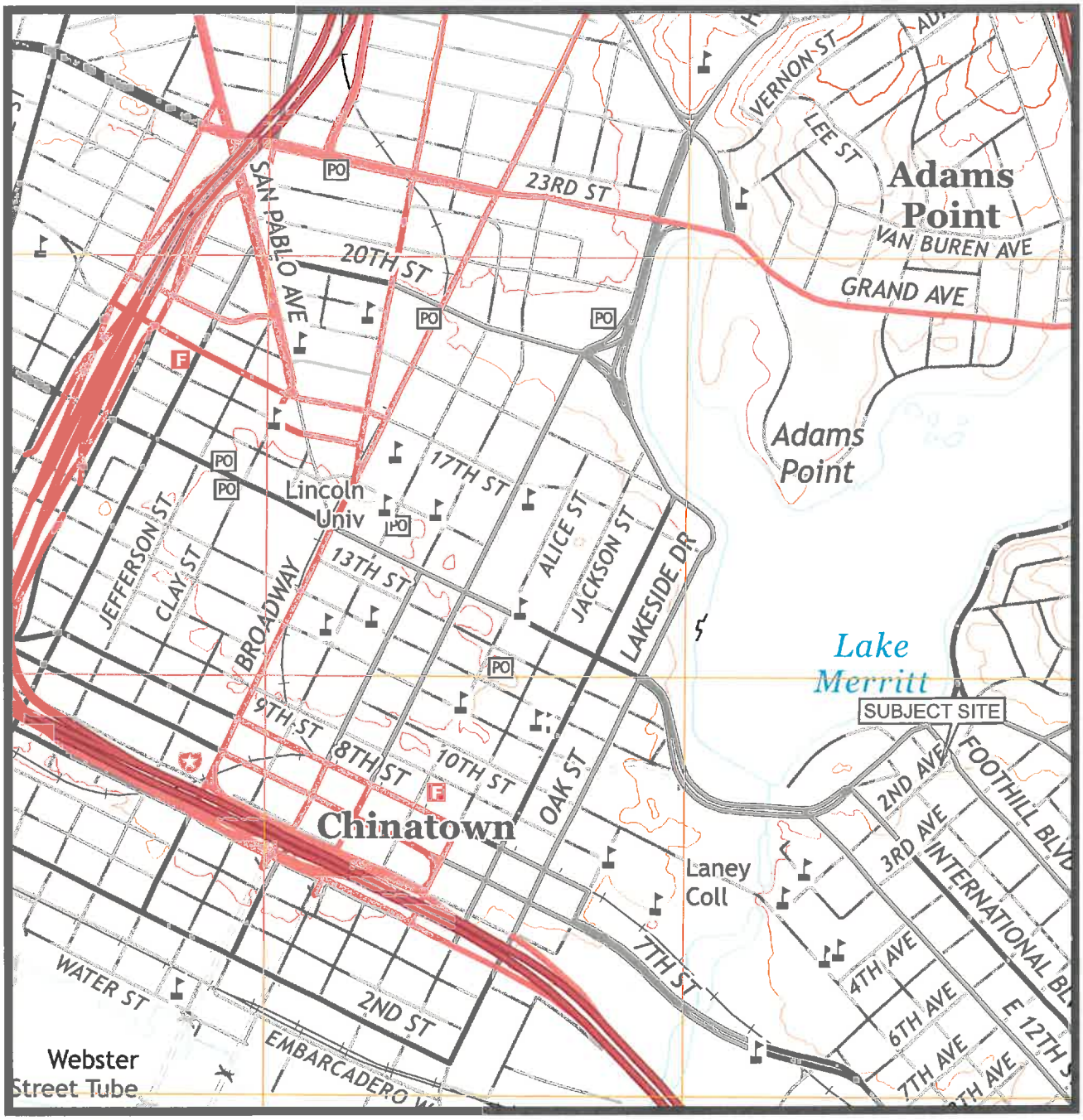
ATTACHMENT A-5

LTCP Media Specific Evaluation – Direct Contact & Outdoor Air	
Location	**Analysis**
Onsite	The current maximum concentrations of hydrocarbons in soil within the 0 to 10 foot interval are less than the concentrations in Table 1 for residential, commercial and construction worker exposure. Sampling and analysis for PAHs is only required at a site with a waste oil or bunker C oil release. Therefore, no onsite soil samples were analyzed for PAHs
Offsite	Off-site PAH analysis of soil was conducted for soil bores B-3 and B-5. The petroleum hydrocarbon soil contamination is limited to the the area in the immediate vicinity of the tank pit. BaPe concentrations for the the LTCP evaluation were not detectected at levels above their respective laboratory reporting limit.

ATTACHMENT B-1

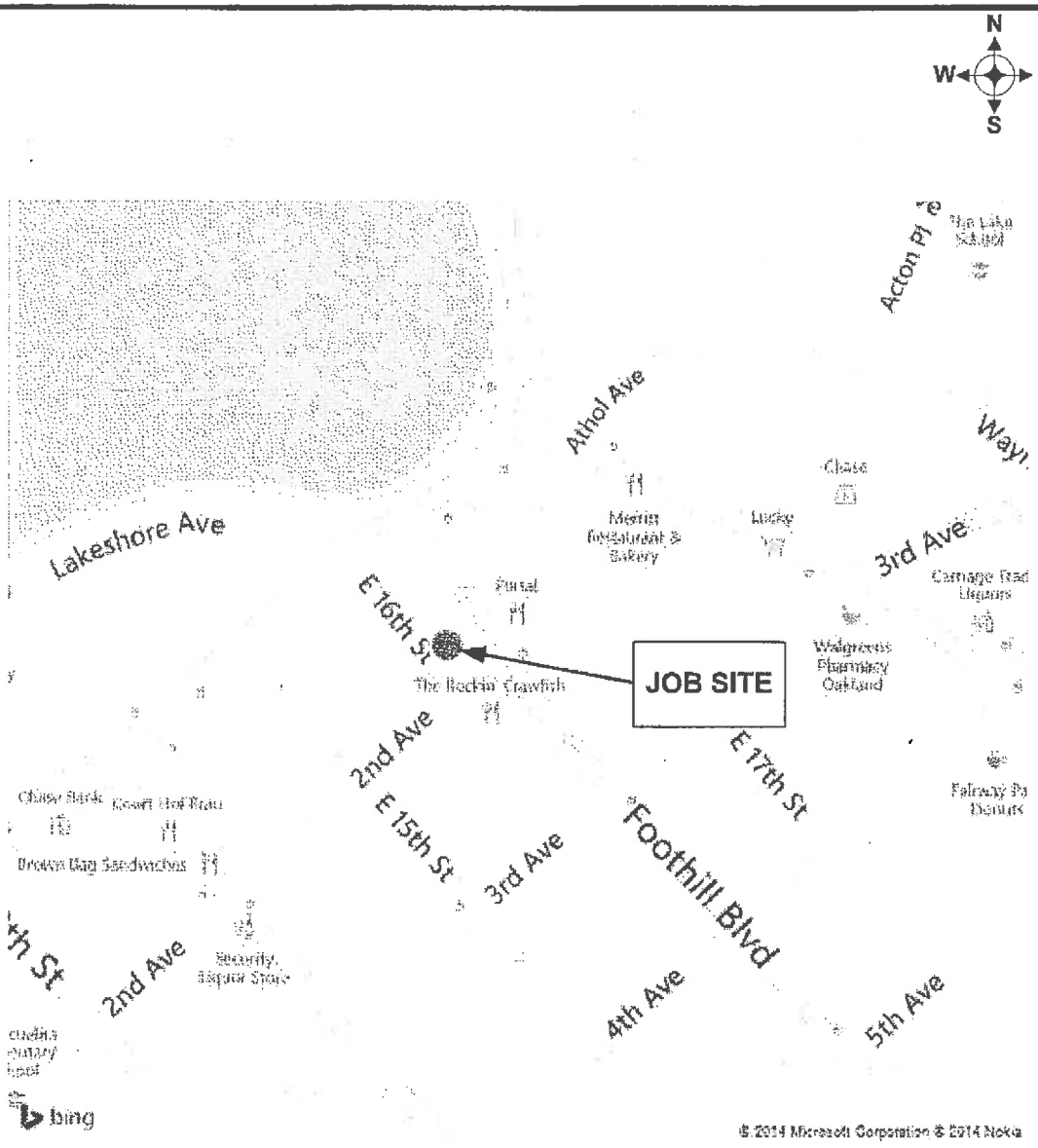
Site Vicinity & Site Maps with Sampling Locations


GEOTRACKER
REGULATOR MAP
Enter an address
Map Address
Sites and Facilities - INFO
Cleanup Sites
LUST Cleanup Sites
Cleanup Program Sites
Military Cleanup Sites
DTSC Cleanup Sites
Permitted Facilities
Waste Discharge Requirements (WDR) Sites
Permitted USTs - INFO
DTSC Hazardous Waste Sites
Land Disposal Sites
Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Private
Sampling Points - Public
Field Points
SIGNIFIES A CLOSED SITE
Data Filters
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
SECOND AVENUE UST (T10000006756)
1607 2ND AVENUE
OAKLAND, CA 94606
LUST Cleanup Site
Cleanup Status: Open - Eligible for Closure
Loc Case #: RO0003170
GRAND LAKE
LAKESHORE
ADAMS POINT
LAKESIDE
CHINATOWN
MERRITT
PERALTA - LANEY
CLINTON
IVY HILL
BELLA VISTA
LYNN
HIGHLAND PARK
HIGHLAND TERRACE
RANCHO SAN ANTONIO
SAN ANTONIO
EAST PERALTA
TRESTLE GL
Oakland Museum of California
Laney College
Lake Merritt
Jack London Square
Embarcadero
Oakland High School
Highland Hospital
Coast Guard Island Alameda
Children's Fairyland
Lakeside Park
Piedmont Park
Indian Gulch
San Antonio Park
Map data ©2018 Google Imagery ©2018 , CNES / Airbus, DigitalGlo 200 m
Report a map error
SITES CURRENTLY VISIBLE ON MAP

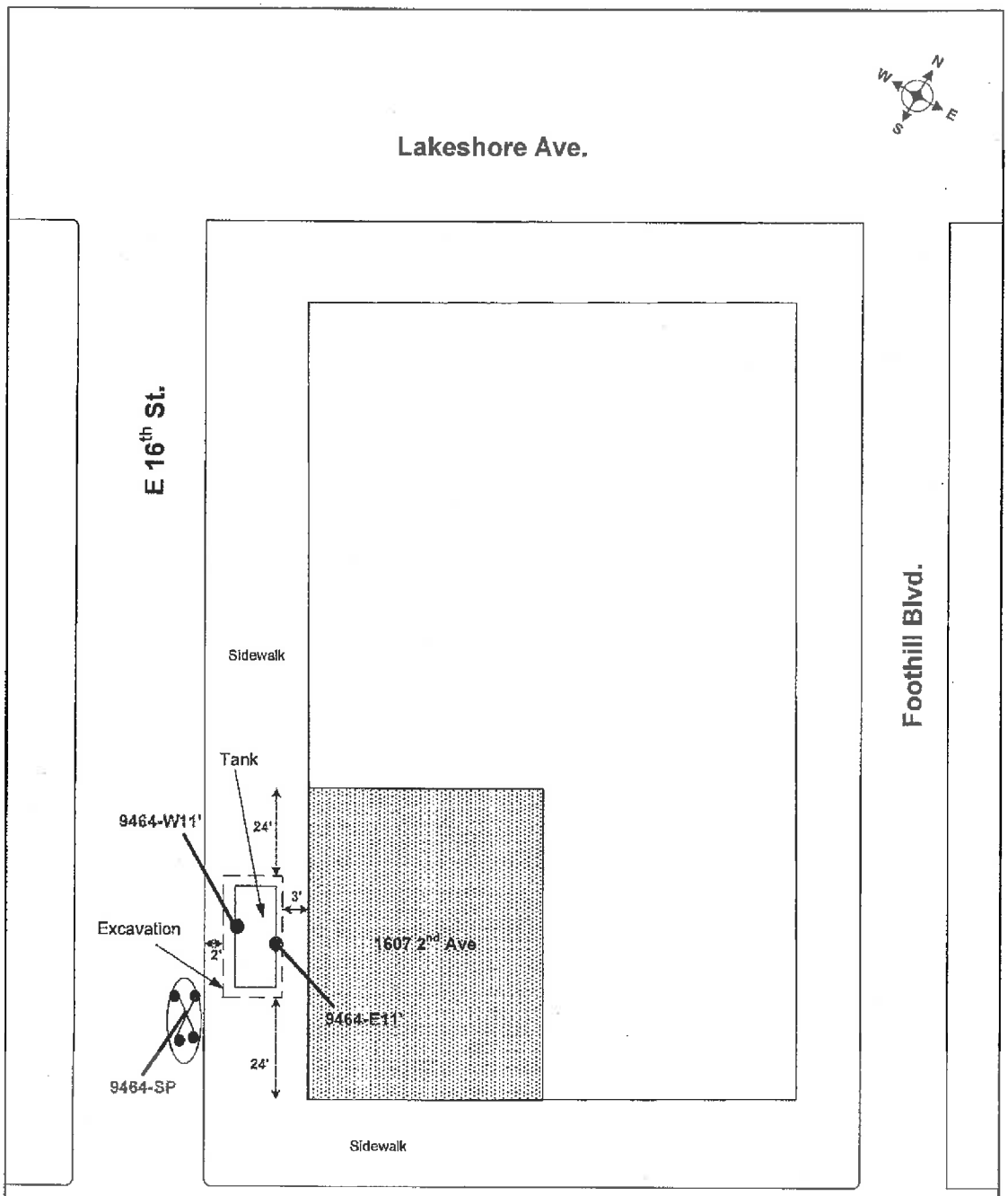


SITE VICINITY MAP
1607 2nd Avenue
Oakland, California

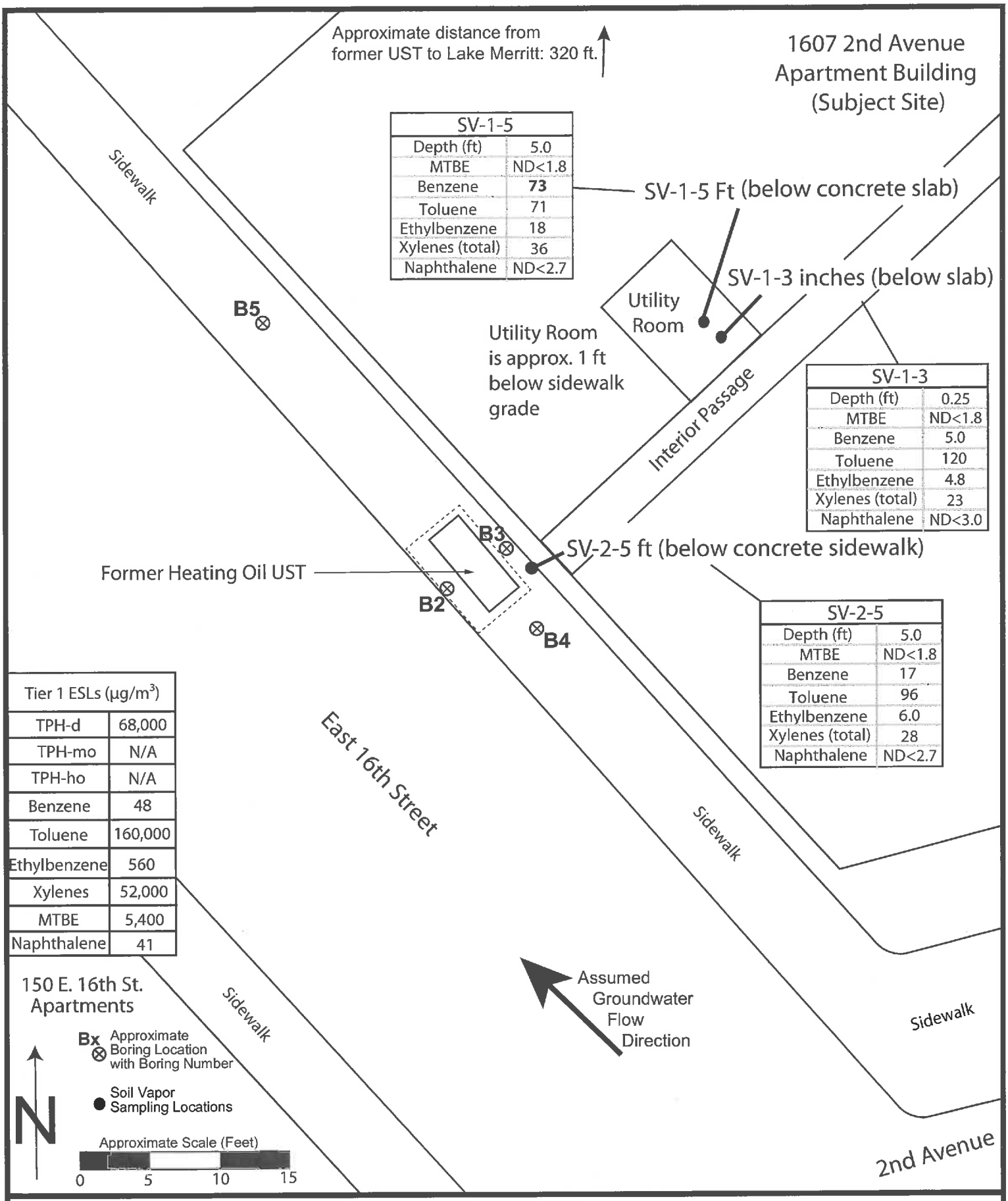
SCHUTZE & Associates, Inc. Project No. SCS539.3 November 2016	Source: USGS Oakland West 7.5 Quad 2015 (scale 1:24,000)	Figure 1



GOLDEN GATE TANK REMOVAL, INC. 1455 Yosemite Avenue San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964		**VICINITY MAP** 1607 2nd Avenue Oakland, CA 94606	
GGTR Project No.9464	*Drawing By: AC*	October 2014	***Figure 1***



GOLDEN GATE TANK REMOVAL, INC. 1455 Yosemite Avenue, San Francisco, CA 94124 Ph (415) 512-1555 Fx (415) 512-0964		**Site Drawing** 1607 2nd Avenue Oakland, CA 94606	
GGTR Project No. 9464	*Drawing By: AC*	*December 2014*	*Figure 2*



Soil Vapor Sampling Results
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates, Inc.
Project No. SCS539.3

Figure 2
November 2017

ATTACHMENT B-2

Preferential Pathways & Sensitive Receptor Survey Data

Figure 1

1244 2nd Avenue
Oakland, California

PANGEA

Well Survey Map

ATTACHMENT B-3

Boring Logs

SCHUTZE & Associates

BORING LOG

Drilling Contractor: ECA	Boring Diameter: 1.5"	Boring Number: B2
Drilling Method: Geoprobe	Date Drilled: 2/12/2016	Logged By: KL

Sample Information					Lithology Symbol	Description of Lithology
Depth feet	Lab Sample	Sample Name	PID ppm	USCS Symbol		
						No recovery
5			0.0	SW		Pea-gravel and sand fill (from previous over-excavation)
		B-2-8	0.0			
10		B-2-10	0.0			Gravely sand with silt and clay, medium stiff
▼		B-2-12		CL		Sandy clay with some gravel, stiff, (10YR 5/3)
			0.0	SM		Silty sand, wet (aquifer), (5Y 5/4)
				SC		Clayey sand, stiff, moist
15						Boring terminated at 14 ft bgs
20						
25						

Completion Notes:
Tremie grouted with Portland cement

▼ = Water Table Surface
▽ = Piezometric Water Surface

Site:
1607 2nd Avenue
Oakland, Alameda County, California

Project No. SCS539.1

SCHUTZE & Associates

BORING LOG

Drilling Contractor: ECA	Boring Diameter: 1.5"	Boring Number: B3
Drilling Method: Geoprobe	Date Drilled: 2/12/2016	Logged By: KL

Sample Information					Lithology Symbol	Description of Lithology
Depth feet	Lab Sample	Sample Name	PID ppm	USCS Symbol		
						No recovery
		B-3-2.5	0.0	SW		Gravely sand, moist, weak cementation, (5Y 6/2)
5		B-3-5	0.0			
		B-3-7.5	103			Hydrocarbon odor and black staining from 7.0 to 7.5 ft bgs
			2.1	SC		Clayey sand with gravel, moist, weak cementation, (2.5Y 4/3), no visible staining and no odor
10		B-3-10	0.8			
			0.2	CL		Sandy clay, moist, very stiff, (2.5Y 4/2)
			0.2	SW		Gravely sand with silt and clay, (5Y 4/4)
		B-3-14.5	0.0	CL		Silty clay with sand, increase in moisture, soft, (5Y 4/2)
15			0.4			
			0.0			
			0.0			Sandy clay, moist, very stiff, (2.5Y 3/2)
20		B-3-20	0.0	SM		Silty Sand, moist, soft, (2.5Y 4/2)
			0.0	CL		Sandy clay, moist, very stiff, (5Y 5/2)
25						Boring terminated at 21.5 ft bgs

Completion Notes:
Tremie grouted with Portland cement

▼ = Water Table Surface
▽ = Piezometric Water Surface

Site:
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates

BORING LOG

Drilling Contractor: ECA	Boring Diameter: 1.5"	Boring Number: B4
Drilling Method: Geoprobe	Date Drilled: 2/12/2016	Logged By: KL

Sample Information					Lithology Symbol	Description of Lithology
Depth feet	Lab Sample	Sample Name	PID ppm	USCS Symbol		
			0.0	CL		Silty clay, stiff, (5Y 4/3)
		B-4-2.5				
						No recovery
5			0.0	SW		Gravely sand with silt, wet, (2.5Y 5/6)
		B-4-7.5	0.0			
10		B-4-10	0.0	CL		Silty clay with sand, medium stiff, (5Y 4/3)
			0.0			
			0.0			Sandy clay with silt, moist, soft, (5Y 4/3)
15		B-4-15.5	0.0			
			0.0			
20			0.0	SM		Silty sand, wet (aquifer), (5Y 4/3)
			0.0	CL		Sandy clay, moist, stiff, (5Y 4/2)
25						Boring terminated at 22 ft bgs

Completion Notes:
Tremie grouted with Portland cement

▼ = Water Table Surface
▽ = Piezometric Water Surface

Site:
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates

BORING LOG

Drilling Contractor: ECA	Boring Diameter: 1.5"	Boring Number: B5
Drilling Method: Geoprobe	Date Drilled: 2/12/2016	Logged By: KL

Sample Information					Lithology Symbol	Description of Lithology
Depth feet	Lab Sample	Sample Name	PID ppm	USCS Symbol		
				SW		Gravely sand fill
	⊠	B-5-2.5	0.0	ML		Clayey silt with some sand, moist, very stiff, (2.5Y 4/3)
5	⊠	B-5-5	0.0			
	⊠	B-5-7.5	0.0	SC		Clayey sand with gravel, soft, moist, (2.5Y 5/2)
10	⊠	B-5-10	0.0	SM		Silty sand, weak cementation, moist, (5Y 5/3)
			0.0	SW		Gravely sand, wet (aquifer), (5Y 5/3)
			0.0	ML		Sandy silt with clay, stiff, moist
15	⊠	B-5-15	0.0			Boring terminated at 15 ft bgs
20						
25						

Completion Notes:

Tremie grouted with Portland cement

▼ = Water Table Surface

▽ = Piezometric Water Surface

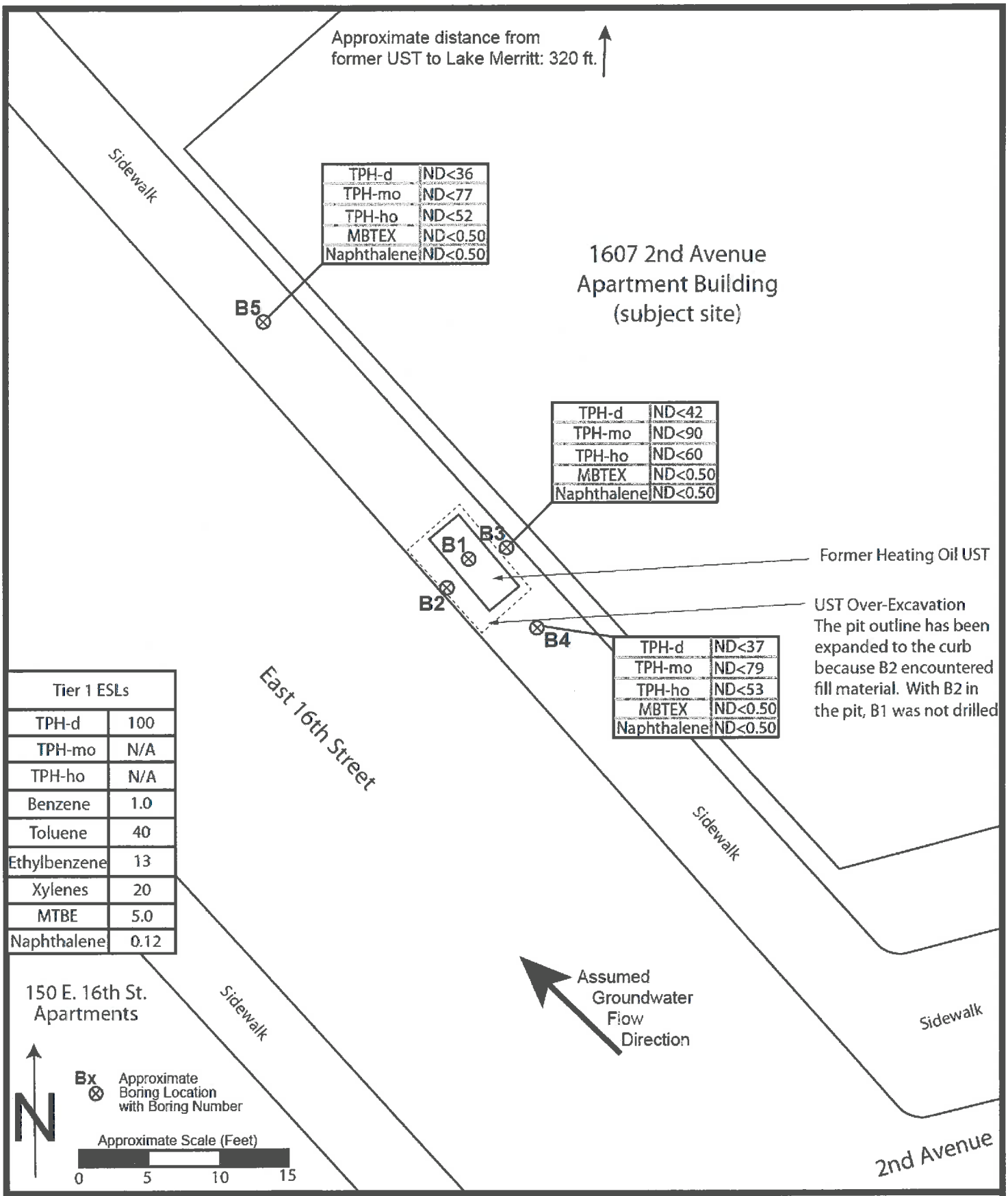
Site:

1607 2nd Avenue
Oakland, Alameda County, California

Project No. SCS539.1

ATTACHMENT B-4

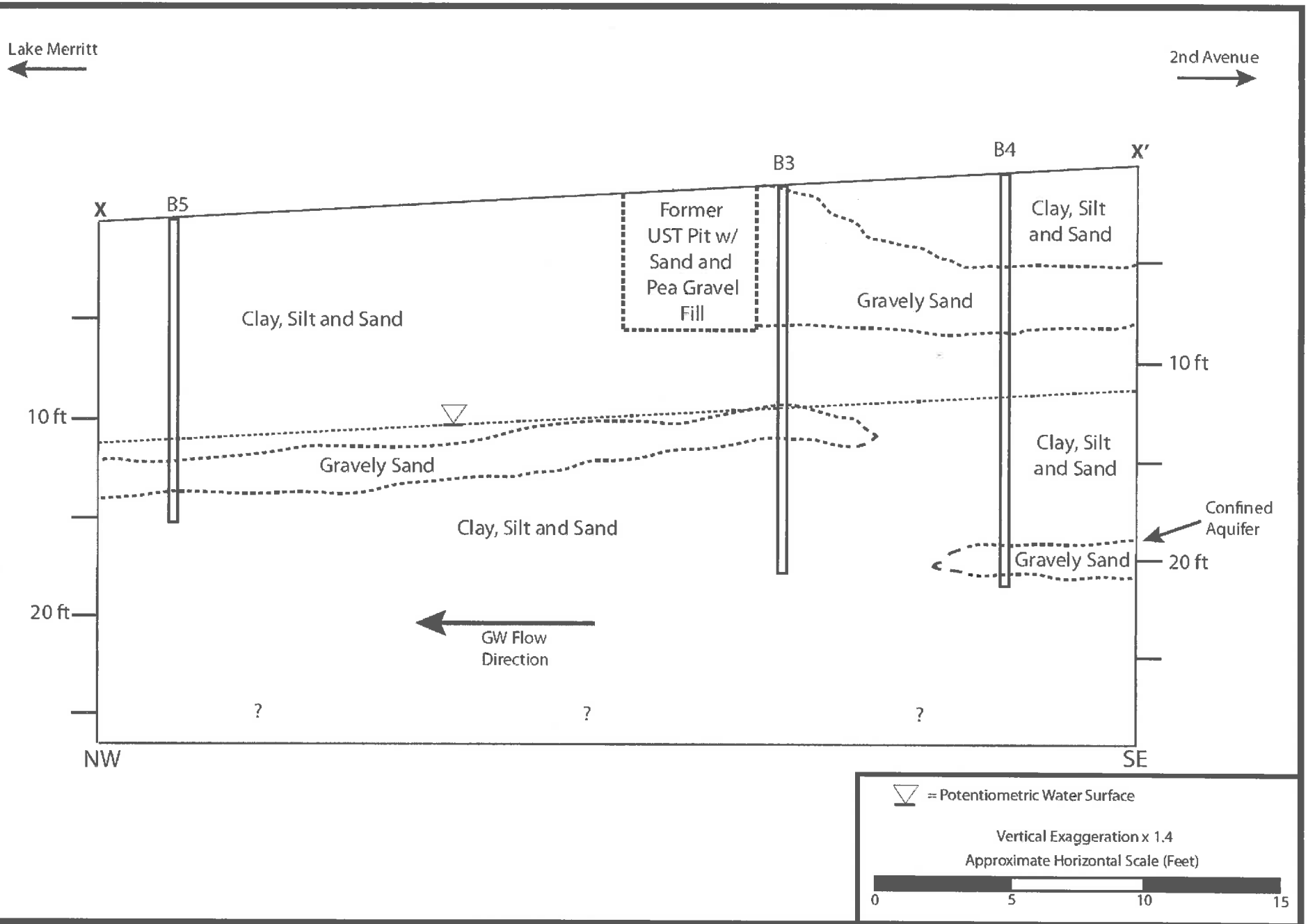
Groundwater Data



Results for TPH and VOCs in Groundwater (reported in µg/L)
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates, Inc.
Project No.: SCS539.1

Figure 3
March 2016



X - X' SCHEMATIC CROSS SECTION
1607 2nd Avenue
Oakland, California

SCHUTZE & Associates, Inc.
Project No. SCS539.1

March 2016

TABLE 5
Selected Analytical Results for TPH and VOCs in Groundwater (reported in µg/L)
1607 2nd Avenue, Oakland, CA

Sample		TPH [1]			VOCs					
ID	Depth (ft bgs)	TPH-d	TPH-mo	TPH-ho	MTBE	Benzene	Ethylbenzene	Toluene	Xylenes	Naphthalene
B-3-21.5-W	21.5	ND<42	ND<90	ND<60	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50 [2]
B-4-22-W	22	ND<37	ND<79	ND<53	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B-5-15-W	15	ND<36	ND<77	ND<52	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
DUP	15	--	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
ESLs										
Tier 1 ESL		**100**	**-- [3]**	**N/A**	**5.0**	**1.0**	**13**	**40**	**20**	**0.12**
Tier 2 ESL		**100**	**50,000**	**N/A**	**5.0**	**1.0**	**16**	**40**	**20**	**0.12**

µg/L = micrograms per liter; ft bgs = feet below ground surface; TPH -d, -mo and -ho = total petroleum hydrocarbons in the diesel, motor oil and heating oil ranges; VOCs = volatile organic compounds; MTBE = methyl tert-butyl ether; ND<1.0 = not detected with a reporting limit of 1.0; DUP = duplicate sample; -- = not analyzed; N/A = ESL not listed.

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (February 22, 2016). Tier 1 ESLs based on: groundwater is a current or potential drinking water resource; Tier 2 ESLs (Table T2-1) based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

(1) TPH samples were extracted one day outside of the 7-day holding period. McCampbell Analytical, Inc. has confirmed that the TPH data are still valid.

(2) The new 2016 ESLs do not include values for TPH-mo in groundwater because motor oil is considered to not be soluble. The detected values shown likely represent petroleum degradates.

(3) This table shows analyses for naphthalene by EPA Method 8260B. Naphthalene was also analyzed for using EPA Method 8310 (see discussion of results for PAHs in Section C.7 of this report). The reporting limits using 8310 were at 0.050 µg/L, which is below the Tier 1 and Tier 2 ESLs of 0.12 µg/L.

Numbers in **bold** indicate concentrations exceeding ESLs. TPH analyzed by EPA Methods 8015B; VOCs analyzed by EPA Method 8260B. DUP sample collected at B5.

SCHUTZE & Associates, Inc. / March 2016

Total Petroleum Hydrocarbons

TPH-d, -mo and -ho were not detected in any of the groundwater samples above the laboratory RLs, which ranged from 36 to 90 micrograms per liter (µg/L).

VOCs

VOCs, including MTBE, benzene, ethylbenzene, toluene and xylenes, were not detected above the RLs (0.50 µg/L) in any of the groundwater samples.

Naphthalene, a polynuclear aromatic hydrocarbon (PAH) which can be analyzed for using EPA Method 8260, was not detected above the RL in any of the groundwater samples; however, the ESL for naphthalene of 0.12 µg/L is below the 0.50 µg/L RL (the analytical results for naphthalene using EPA Method 8310 are discussed in the following section).

No chlorinated solvents were detected in any sample above the RLs with the exception of chloroform, which was detected above the Tier 1 ESL of 2.3 µg/L in two of the samples (13 µg/L). It is possible that chloroform was introduced to the samples during extraction in the laboratory.

PAHs

There was not enough groundwater recharge into the borings to collect sufficient samples for PAHs to be analyzed using EPA Method 8310 except in boring B5, located down-gradient from the former UST pit, where a second sample for PAH analysis was able to be collected (this sample also served as a duplicate). No PAHs were detected above the RLs, which ranged from 0.025 to 0.050 µg/L, in sample DUP. The reporting limit for naphthalene was 0.050 µg/L, which is below the Tier 1 and 2 ESL of 0.12 µg/L.

TABLE 6
Selected Analytical Results for LUFT 5 Metals in Groundwater (reported in µg/L)
1607 2nd Avenue, Oakland, CA

Sample		Metals				
ID	Depth (ft bgs)	Cadmium	Chromium	Lead	Nickel	Zinc
B-3-21.5-W	21.5	ND<0.25	ND<0.50	ND<0.50	0.56	ND<15
B-4-22-W	22	ND<0.25	ND<0.50	ND<0.50	ND<0.50	ND<15
B-5-15-W	15	ND<0.25	ND<0.50	ND<0.50	1.7	ND<15
DUP	15	ND<0.25	ND<0.50	ND<0.50	1.8	ND<15
ESLs						
Tier 1 ESL		**0.25**	**50**	**2.5**	**8.2**	**81**
Tier 2 ESL		**0.25**	**50**	**2.5**	**8.2**	**81**

µg/L = micrograms per liter; ft bgs = feet below ground surface; ND<1.0 = not detected with a reporting limit of 1.0.

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (February 22, 2016). Tier 1 ESLs based on: groundwater is a current or potential drinking water resource; Tier 2 ESLs (Table T2-1) based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

Numbers in **bold** indicate concentrations exceeding ESLs. LUFT 5 metals analyzed by EPA Method 6020. DUP sample collected at B5.

SCHUTZE & Associates, Inc. / March 2016

Metals

Cadmium, chromium, lead and zinc were not detected above the RLs in any of the groundwater samples. Nickel was detected in three of the four samples, with a maximum concentration of 1.8 µg/L, which is below the Tier 1 and 2 ESL of 8.2 µg/L.

C.8 Summary of Analytical Results

Based on the analytical results for soil and groundwater, SCHUTZE & Associates, Inc. concludes the following:

Soil

TPH-d and -ho were detected in soil in boring B3 at 7.5 ft bgs at concentrations of 2,700 and 1,500 mg/kg, respectively, exceeding the ESLs. The laboratory identified the fuel contamination detected as "unmodified or weakly modified diesel" and "oil range

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539; Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup	1602578-001B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	02/19/2016 01:03
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/19/2016 01:03
Benzene	ND	0.50	1	02/19/2016 01:03
Bromobenzene	ND	0.50	1	02/19/2016 01:03
Bromochloromethane	ND	0.50	1	02/19/2016 01:03
Bromodichloromethane	ND	0.50	1	02/19/2016 01:03
Bromoform	ND	0.50	1	02/19/2016 01:03
Bromomethane	ND	0.50	1	02/19/2016 01:03
2-Butanone (MEK)	ND	2.0	1	02/19/2016 01:03
t-Butyl alcohol (TBA)	ND	2.0	1	02/19/2016 01:03
n-Butyl benzene	ND	0.50	1	02/19/2016 01:03
sec-Butyl benzene	ND	0.50	1	02/19/2016 01:03
tert-Butyl benzene	ND	0.50	1	02/19/2016 01:03
Carbon Disulfide	ND	0.50	1	02/19/2016 01:03
Carbon Tetrachloride	ND	0.50	1	02/19/2016 01:03
Chlorobenzene	ND	0.50	1	02/19/2016 01:03
Chloroethane	ND	0.50	1	02/19/2016 01:03
Chloroform	13	0.50	1	02/19/2016 01:03
Chloromethane	ND	0.50	1	02/19/2016 01:03
2-Chlorotoluene	ND	0.50	1	02/19/2016 01:03
4-Chlorotoluene	ND	0.50	1	02/19/2016 01:03
Dibromochloromethane	ND	0.50	1	02/19/2016 01:03
1,2-Dibromo-3-chloropropane	ND	0.20	1	02/19/2016 01:03
1,2-Dibromoethane (EDB)	ND	0.50	1	02/19/2016 01:03
Dibromomethane	ND	0.50	1	02/19/2016 01:03
1,2-Dichlorobenzene	ND	0.50	1	02/19/2016 01:03
1,3-Dichlorobenzene	ND	0.50	1	02/19/2016 01:03
1,4-Dichlorobenzene	ND	0.50	1	02/19/2016 01:03
Dichlorodifluoromethane	ND	0.50	1	02/19/2016 01:03
1,1-Dichloroethane	ND	0.50	1	02/19/2016 01:03
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	02/19/2016 01:03
1,1-Dichloroethene	ND	0.50	1	02/19/2016 01:03
cis-1,2-Dichloroethene	ND	0.50	1	02/19/2016 01:03
trans-1,2-Dichloroethene	ND	0.50	1	02/19/2016 01:03
1,2-Dichloropropane	ND	0.50	1	02/19/2016 01:03
1,3-Dichloropropane	ND	0.50	1	02/19/2016 01:03
2,2-Dichloropropane	ND	0.50	1	02/19/2016 01:03

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup	1602578-001B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	02/19/2016 01:03
cis-1,3-Dichloropropene	ND	0.50	1	02/19/2016 01:03
trans-1,3-Dichloropropene	ND	0.50	1	02/19/2016 01:03
Diisopropyl ether (DIPE)	ND	0.50	1	02/19/2016 01:03
Ethylbenzene	ND	0.50	1	02/19/2016 01:03
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/19/2016 01:03
Freon 113	ND	0.50	1	02/19/2016 01:03
Hexachlorobutadiene	ND	0.50	1	02/19/2016 01:03
Hexachloroethane	ND	0.50	1	02/19/2016 01:03
2-Hexanone	ND	0.50	1	02/19/2016 01:03
Isopropylbenzene	ND	0.50	1	02/19/2016 01:03
4-Isopropyl toluene	ND	0.50	1	02/19/2016 01:03
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/19/2016 01:03
Methylene chloride	ND	0.50	1	02/19/2016 01:03
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	02/19/2016 01:03
Naphthalene	ND	0.50	1	02/19/2016 01:03
n-Propyl benzene	ND	0.50	1	02/19/2016 01:03
Styrene	ND	0.50	1	02/19/2016 01:03
1,1,1,2-Tetrachloroethane	ND	0.50	1	02/19/2016 01:03
1,1,2,2-Tetrachloroethane	ND	0.50	1	02/19/2016 01:03
Tetrachloroethene	ND	0.50	1	02/19/2016 01:03
Toluene	ND	0.50	1	02/19/2016 01:03
1,2,3-Trichlorobenzene	ND	0.50	1	02/19/2016 01:03
1,2,4-Trichlorobenzene	ND	0.50	1	02/19/2016 01:03
1,1,1-Trichloroethane	ND	0.50	1	02/19/2016 01:03
1,1,2-Trichloroethane	ND	0.50	1	02/19/2016 01:03
Trichloroethene	ND	0.50	1	02/19/2016 01:03
Trichlorofluoromethane	ND	0.50	1	02/19/2016 01:03
1,2,3-Trichloropropane	ND	0.50	1	02/19/2016 01:03
1,2,4-Trimethylbenzene	ND	0.50	1	02/19/2016 01:03
1,3,5-Trimethylbenzene	ND	0.50	1	02/19/2016 01:03
Vinyl Chloride	ND	0.50	1	02/19/2016 01:03
Xylenes, Total	ND	0.50	1	02/19/2016 01:03

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup	1602578-001B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		02/19/2016 01:03
Toluene-d8	116	70-130		02/19/2016 01:03
4-BFB	84	70-130		02/19/2016 01:03

Analyst(s): AK

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-15-W	1602578-002B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	02/19/2016 01:41
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/19/2016 01:41
Benzene	ND	0.50	1	02/19/2016 01:41
Bromobenzene	ND	0.50	1	02/19/2016 01:41
Bromochloromethane	ND	0.50	1	02/19/2016 01:41
Bromodichloromethane	ND	0.50	1	02/19/2016 01:41
Bromoform	ND	0.50	1	02/19/2016 01:41
Bromomethane	ND	0.50	1	02/19/2016 01:41
2-Butanone (MEK)	ND	2.0	1	02/19/2016 01:41
t-Butyl alcohol (TBA)	ND	2.0	1	02/19/2016 01:41
n-Butyl benzene	ND	0.50	1	02/19/2016 01:41
sec-Butyl benzene	ND	0.50	1	02/19/2016 01:41
tert-Butyl benzene	ND	0.50	1	02/19/2016 01:41
Carbon Disulfide	ND	0.50	1	02/19/2016 01:41
Carbon Tetrachloride	ND	0.50	1	02/19/2016 01:41
Chlorobenzene	ND	0.50	1	02/19/2016 01:41
Chloroethane	ND	0.50	1	02/19/2016 01:41
Chloroform	13	0.50	1	02/19/2016 01:41
Chloromethane	ND	0.50	1	02/19/2016 01:41
2-Chlorotoluene	ND	0.50	1	02/19/2016 01:41
4-Chlorotoluene	ND	0.50	1	02/19/2016 01:41
Dibromochloromethane	ND	0.50	1	02/19/2016 01:41
1,2-Dibromo-3-chloropropane	ND	0.20	1	02/19/2016 01:41
1,2-Dibromoethane (EDB)	ND	0.50	1	02/19/2016 01:41
Dibromomethane	ND	0.50	1	02/19/2016 01:41
1,2-Dichlorobenzene	ND	0.50	1	02/19/2016 01:41
1,3-Dichlorobenzene	ND	0.50	1	02/19/2016 01:41
1,4-Dichlorobenzene	ND	0.50	1	02/19/2016 01:41
Dichlorodifluoromethane	ND	0.50	1	02/19/2016 01:41
1,1-Dichloroethane	ND	0.50	1	02/19/2016 01:41
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	02/19/2016 01:41
1,1-Dichloroethene	ND	0.50	1	02/19/2016 01:41
cis-1,2-Dichloroethene	ND	0.50	1	02/19/2016 01:41
trans-1,2-Dichloroethene	ND	0.50	1	02/19/2016 01:41
1,2-Dichloropropane	ND	0.50	1	02/19/2016 01:41
1,3-Dichloropropane	ND	0.50	1	02/19/2016 01:41
2,2-Dichloropropane	ND	0.50	1	02/19/2016 01:41

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-15-W	1602578-002B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	02/19/2016 01:41
cis-1,3-Dichloropropene	ND	0.50	1	02/19/2016 01:41
trans-1,3-Dichloropropene	ND	0.50	1	02/19/2016 01:41
Diisopropyl ether (DIPE)	ND	0.50	1	02/19/2016 01:41
Ethylbenzene	ND	0.50	1	02/19/2016 01:41
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/19/2016 01:41
Freon 113	ND	0.50	1	02/19/2016 01:41
Hexachlorobutadiene	ND	0.50	1	02/19/2016 01:41
Hexachloroethane	ND	0.50	1	02/19/2016 01:41
2-Hexanone	ND	0.50	1	02/19/2016 01:41
Isopropylbenzene	ND	0.50	1	02/19/2016 01:41
4-Isopropyl toluene	ND	0.50	1	02/19/2016 01:41
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/19/2016 01:41
Methylene chloride	ND	0.50	1	02/19/2016 01:41
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	02/19/2016 01:41
Naphthalene	ND	0.50	1	02/19/2016 01:41
n-Propyl benzene	ND	0.50	1	02/19/2016 01:41
Styrene	ND	0.50	1	02/19/2016 01:41
1,1,1,2-Tetrachloroethane	ND	0.50	1	02/19/2016 01:41
1,1,2,2-Tetrachloroethane	ND	0.50	1	02/19/2016 01:41
Tetrachloroethene	ND	0.50	1	02/19/2016 01:41
Toluene	ND	0.50	1	02/19/2016 01:41
1,2,3-Trichlorobenzene	ND	0.50	1	02/19/2016 01:41
1,2,4-Trichlorobenzene	ND	0.50	1	02/19/2016 01:41
1,1,1-Trichloroethane	ND	0.50	1	02/19/2016 01:41
1,1,2-Trichloroethane	ND	0.50	1	02/19/2016 01:41
Trichloroethene	ND	0.50	1	02/19/2016 01:41
Trichlorofluoromethane	ND	0.50	1	02/19/2016 01:41
1,2,3-Trichloropropane	ND	0.50	1	02/19/2016 01:41
1,2,4-Trimethylbenzene	ND	0.50	1	02/19/2016 01:41
1,3,5-Trimethylbenzene	ND	0.50	1	02/19/2016 01:41
Vinyl Chloride	ND	0.50	1	02/19/2016 01:41
Xylenes, Total	ND	0.50	1	02/19/2016 01:41

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-15-W	1602578-002B	Water	02/12/2016 10:45	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		02/19/2016 01:41
Toluene-d8	116	70-130		02/19/2016 01:41
4-BFB	85	70-130		02/19/2016 01:41

Analyst(s): AK Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4-22-W	1602578-003B	Water	02/12/2016 13:15	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	02/19/2016 02:19
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/19/2016 02:19
Benzene	ND	0.50	1	02/19/2016 02:19
Bromobenzene	ND	0.50	1	02/19/2016 02:19
Bromochloromethane	ND	0.50	1	02/19/2016 02:19
Bromodichloromethane	ND	0.50	1	02/19/2016 02:19
Bromoform	ND	0.50	1	02/19/2016 02:19
Bromomethane	ND	0.50	1	02/19/2016 02:19
2-Butanone (MEK)	ND	2.0	1	02/19/2016 02:19
t-Butyl alcohol (TBA)	ND	2.0	1	02/19/2016 02:19
n-Butyl benzene	ND	0.50	1	02/19/2016 02:19
sec-Butyl benzene	ND	0.50	1	02/19/2016 02:19
tert-Butyl benzene	ND	0.50	1	02/19/2016 02:19
Carbon Disulfide	ND	0.50	1	02/19/2016 02:19
Carbon Tetrachloride	ND	0.50	1	02/19/2016 02:19
Chlorobenzene	ND	0.50	1	02/19/2016 02:19
Chloroethane	ND	0.50	1	02/19/2016 02:19
Chloroform	ND	0.50	1	02/19/2016 02:19
Chloromethane	ND	0.50	1	02/19/2016 02:19
2-Chlorotoluene	ND	0.50	1	02/19/2016 02:19
4-Chlorotoluene	ND	0.50	1	02/19/2016 02:19
Dibromochloromethane	ND	0.50	1	02/19/2016 02:19
1,2-Dibromo-3-chloropropane	ND	0.20	1	02/19/2016 02:19
1,2-Dibromoethane (EDB)	ND	0.50	1	02/19/2016 02:19
Dibromomethane	ND	0.50	1	02/19/2016 02:19
1,2-Dichlorobenzene	ND	0.50	1	02/19/2016 02:19
1,3-Dichlorobenzene	ND	0.50	1	02/19/2016 02:19
1,4-Dichlorobenzene	ND	0.50	1	02/19/2016 02:19
Dichlorodifluoromethane	ND	0.50	1	02/19/2016 02:19
1,1-Dichloroethane	ND	0.50	1	02/19/2016 02:19
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	02/19/2016 02:19
1,1-Dichloroethene	ND	0.50	1	02/19/2016 02:19
cis-1,2-Dichloroethene	ND	0.50	1	02/19/2016 02:19
trans-1,2-Dichloroethene	ND	0.50	1	02/19/2016 02:19
1,2-Dichloropropane	ND	0.50	1	02/19/2016 02:19
1,3-Dichloropropane	ND	0.50	1	02/19/2016 02:19
2,2-Dichloropropane	ND	0.50	1	02/19/2016 02:19

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4-22-W	1602578-003B	Water	02/12/2016 13:15	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	02/19/2016 02:19
cis-1,3-Dichloropropene	ND	0.50	1	02/19/2016 02:19
trans-1,3-Dichloropropene	ND	0.50	1	02/19/2016 02:19
Diisopropyl ether (DIPE)	ND	0.50	1	02/19/2016 02:19
Ethylbenzene	ND	0.50	1	02/19/2016 02:19
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/19/2016 02:19
Freon 113	ND	0.50	1	02/19/2016 02:19
Hexachlorobutadiene	ND	0.50	1	02/19/2016 02:19
Hexachloroethane	ND	0.50	1	02/19/2016 02:19
2-Hexanone	ND	0.50	1	02/19/2016 02:19
Isopropylbenzene	ND	0.50	1	02/19/2016 02:19
4-Isopropyl toluene	ND	0.50	1	02/19/2016 02:19
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/19/2016 02:19
Methylene chloride	ND	0.50	1	02/19/2016 02:19
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	02/19/2016 02:19
Naphthalene	ND	0.50	1	02/19/2016 02:19
n-Propyl benzene	ND	0.50	1	02/19/2016 02:19
Styrene	ND	0.50	1	02/19/2016 02:19
1,1,1,2-Tetrachloroethane	ND	0.50	1	02/19/2016 02:19
1,1,2,2-Tetrachloroethane	ND	0.50	1	02/19/2016 02:19
Tetrachloroethene	ND	0.50	1	02/19/2016 02:19
Toluene	ND	0.50	1	02/19/2016 02:19
1,2,3-Trichlorobenzene	ND	0.50	1	02/19/2016 02:19
1,2,4-Trichlorobenzene	ND	0.50	1	02/19/2016 02:19
1,1,1-Trichloroethane	ND	0.50	1	02/19/2016 02:19
1,1,2-Trichloroethane	ND	0.50	1	02/19/2016 02:19
Trichloroethene	ND	0.50	1	02/19/2016 02:19
Trichlorofluoromethane	ND	0.50	1	02/19/2016 02:19
1,2,3-Trichloropropane	ND	0.50	1	02/19/2016 02:19
1,2,4-Trimethylbenzene	ND	0.50	1	02/19/2016 02:19
1,3,5-Trimethylbenzene	ND	0.50	1	02/19/2016 02:19
Vinyl Chloride	ND	0.50	1	02/19/2016 02:19
Xylenes, Total	ND	0.50	1	02/19/2016 02:19

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-4-22-W	1602578-003B	Water	02/12/2016 13:15	GC28	116877

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	117	70-130		02/19/2016 02:19
Toluene-d8	115	70-130		02/19/2016 02:19
4-BFB	85	70-130		02/19/2016 02:19

Analyst(s): AK Analytical Comments: b1

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-21.5-W	1602578-004B	Water	02/12/2016 14:00	GC10	116877

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	02/19/2016 13:56
tert-Amyl methyl ether (TAME)	ND	0.50	1	02/19/2016 13:56
Benzene	ND	0.50	1	02/19/2016 13:56
Bromobenzene	ND	0.50	1	02/19/2016 13:56
Bromochloromethane	ND	0.50	1	02/19/2016 13:56
Bromodichloromethane	ND	0.50	1	02/19/2016 13:56
Bromoform	ND	0.50	1	02/19/2016 13:56
Bromomethane	ND	0.50	1	02/19/2016 13:56
2-Butanone (MEK)	ND	2.0	1	02/19/2016 13:56
t-Butyl alcohol (TBA)	ND	2.0	1	02/19/2016 13:56
n-Butyl benzene	ND	0.50	1	02/19/2016 13:56
sec-Butyl benzene	ND	0.50	1	02/19/2016 13:56
tert-Butyl benzene	ND	0.50	1	02/19/2016 13:56
Carbon Disulfide	ND	0.50	1	02/19/2016 13:56
Carbon Tetrachloride	ND	0.50	1	02/19/2016 13:56
Chlorobenzene	ND	0.50	1	02/19/2016 13:56
Chloroethane	ND	0.50	1	02/19/2016 13:56
Chloroform	ND	0.50	1	02/19/2016 13:56
Chloromethane	ND	0.50	1	02/19/2016 13:56
2-Chlorotoluene	ND	0.50	1	02/19/2016 13:56
4-Chlorotoluene	ND	0.50	1	02/19/2016 13:56
Dibromochloromethane	ND	0.50	1	02/19/2016 13:56
1,2-Dibromo-3-chloropropane	ND	0.20	1	02/19/2016 13:56
1,2-Dibromoethane (EDB)	ND	0.50	1	02/19/2016 13:56
Dibromomethane	ND	0.50	1	02/19/2016 13:56
1,2-Dichlorobenzene	ND	0.50	1	02/19/2016 13:56
1,3-Dichlorobenzene	ND	0.50	1	02/19/2016 13:56
1,4-Dichlorobenzene	ND	0.50	1	02/19/2016 13:56
Dichlorodifluoromethane	ND	0.50	1	02/19/2016 13:56
1,1-Dichloroethane	ND	0.50	1	02/19/2016 13:56
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	02/19/2016 13:56
1,1-Dichloroethene	ND	0.50	1	02/19/2016 13:56
cis-1,2-Dichloroethene	ND	0.50	1	02/19/2016 13:56
trans-1,2-Dichloroethene	ND	0.50	1	02/19/2016 13:56
1,2-Dichloropropane	ND	0.50	1	02/19/2016 13:56
1,3-Dichloropropane	ND	0.50	1	02/19/2016 13:56
2,2-Dichloropropane	ND	0.50	1	02/19/2016 13:56

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539: Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-21.5-W	1602578-004B	Water	02/12/2016 14:00	GC10	116877

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	02/19/2016 13:56
cis-1,3-Dichloropropene	ND	0.50	1	02/19/2016 13:56
trans-1,3-Dichloropropene	ND	0.50	1	02/19/2016 13:56
Diisopropyl ether (DIPE)	ND	0.50	1	02/19/2016 13:56
Ethylbenzene	ND	0.50	1	02/19/2016 13:56
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	02/19/2016 13:56
Freon 113	ND	0.50	1	02/19/2016 13:56
Hexachlorobutadiene	ND	0.50	1	02/19/2016 13:56
Hexachloroethane	ND	0.50	1	02/19/2016 13:56
2-Hexanone	ND	0.50	1	02/19/2016 13:56
Isopropylbenzene	ND	0.50	1	02/19/2016 13:56
4-Isopropyl toluene	ND	0.50	1	02/19/2016 13:56
Methyl-t-butyl ether (MTBE)	ND	0.50	1	02/19/2016 13:56
Methylene chloride	ND	0.50	1	02/19/2016 13:56
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	02/19/2016 13:56
Naphthalene	ND	0.50	1	02/19/2016 13:56
n-Propyl benzene	ND	0.50	1	02/19/2016 13:56
Styrene	ND	0.50	1	02/19/2016 13:56
1,1,1,2-Tetrachloroethane	ND	0.50	1	02/19/2016 13:56
1,1,2,2-Tetrachloroethane	ND	0.50	1	02/19/2016 13:56
Tetrachloroethene	ND	0.50	1	02/19/2016 13:56
Toluene	ND	0.50	1	02/19/2016 13:56
1,2,3-Trichlorobenzene	ND	0.50	1	02/19/2016 13:56
1,2,4-Trichlorobenzene	ND	0.50	1	02/19/2016 13:56
1,1,1-Trichloroethane	ND	0.50	1	02/19/2016 13:56
1,1,2-Trichloroethane	ND	0.50	1	02/19/2016 13:56
Trichloroethene	ND	0.50	1	02/19/2016 13:56
Trichlorofluoromethane	ND	0.50	1	02/19/2016 13:56
1,2,3-Trichloropropane	ND	0.50	1	02/19/2016 13:56
1,2,4-Trimethylbenzene	ND	0.50	1	02/19/2016 13:56
1,3,5-Trimethylbenzene	ND	0.50	1	02/19/2016 13:56
Vinyl Chloride	ND	0.50	1	02/19/2016 13:56
Xylenes, Total	ND	0.50	1	02/19/2016 13:56

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW5030B
Date Prepared:	2/19/16	**Analytical Method:**	SW8260B
Project:	539; Tung	**Unit:**	µg/L

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-21.5-W	1602578-004B	Water	02/12/2016 14:00	GC10	116877

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	107	70-130		02/19/2016 13:56
Toluene-d8	112	70-130		02/19/2016 13:56
4-BFB	82	70-130		02/19/2016 13:56

Analyst(s): AK Analytical Comments: b1

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602578
Date Received:	2/16/16 18:20	**Extraction Method:**	SW3510C
Date Prepared:	2/17/16	**Analytical Method:**	SW8310
Project:	539: Tung	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
Dup	1602578-001A	Water	02/12/2016 10:45	HPLC4	116799

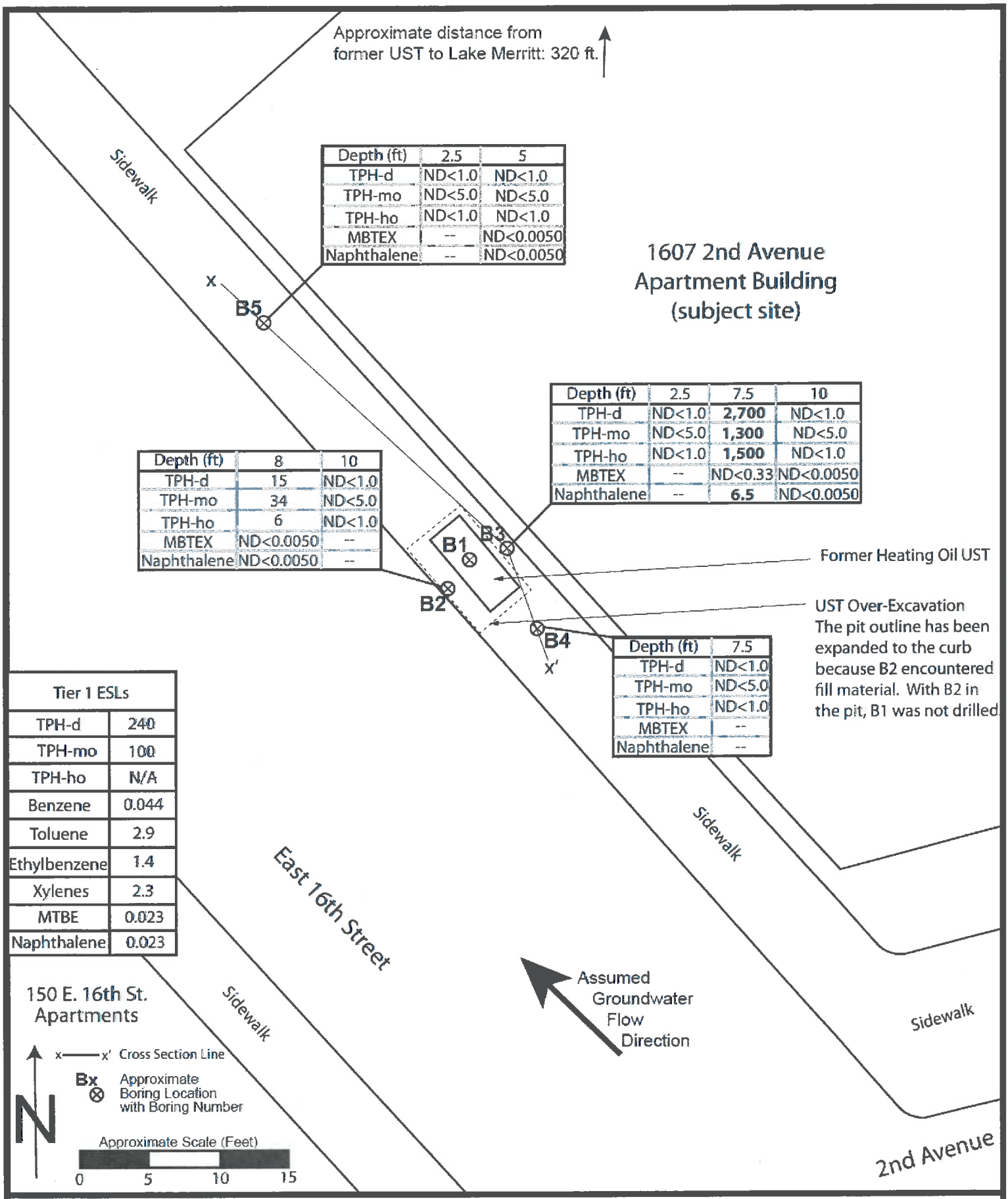
Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0500	1	02/18/2016 16:14
Acenaphthylene	ND	0.0500	1	02/18/2016 16:14
Anthracene	ND	0.0500	1	02/18/2016 16:14
Benzo (a) anthracene	ND	0.0250	1	02/18/2016 16:14
Benzo (a) pyrene	ND	0.0500	1	02/18/2016 16:14
Benzo (b) fluoranthene	ND	0.0250	1	02/18/2016 16:14
Benzo (k) fluoranthene	ND	0.0250	1	02/18/2016 16:14
Benzo (g,h,i) perylene	ND	0.0500	1	02/18/2016 16:14
Chrysene	ND	0.0500	1	02/18/2016 16:14
Dibenzo (a,h) anthracene	ND	0.0500	1	02/18/2016 16:14
Fluoranthene	ND	0.0500	1	02/18/2016 16:14
Fluorene	ND	0.0500	1	02/18/2016 16:14
Indeno (1,2,3-cd) pyrene	ND	0.0250	1	02/18/2016 16:14
1-Methylnaphthalene	ND	0.0500	1	02/18/2016 16:14
2-Methylnaphthalene	ND	0.0500	1	02/18/2016 16:14
Naphthalene	ND	0.0500	1	02/18/2016 16:14
Phenanthrene	ND	0.0500	1	02/18/2016 16:14
Pyrene	ND	0.0500	1	02/18/2016 16:14

Surrogates	REC (%)	Limits	
Decafluorobiphenyl	111	70-130	02/18/2016 16:14
4,4-Dichlorobiphenyl	116	70-130	02/18/2016 16:14

Analyst(s): JC

ATTACHMENT B-5

Soil Data



Depth (ft)	2.5	5
TPH-d	ND<1.0	ND<1.0
TPH-mo	ND<5.0	ND<5.0
TPH-ho	ND<1.0	ND<1.0
MBTEX	--	ND<0.0050
Naphthalene	--	ND<0.0050

Depth (ft)	2.5	7.5	10
TPH-d	ND<1.0	**2,700**	ND<1.0
TPH-mo	ND<5.0	**1,300**	ND<5.0
TPH-ho	ND<1.0	**1,500**	ND<1.0
MBTEX	--	ND<0.33	ND<0.0050
Naphthalene	--	**6.5**	ND<0.0050

Depth (ft)	8	10
TPH-d	15	ND<1.0
TPH-mo	34	ND<5.0
TPH-ho	6	ND<1.0
MBTEX	ND<0.0050	--
Naphthalene	ND<0.0050	--

Depth (ft)	7.5
TPH-d	ND<1.0
TPH-mo	ND<5.0
TPH-ho	ND<1.0
MBTEX	--
Naphthalene	--

Tier 1 ESLs	
TPH-d	240
TPH-mo	100
TPH-ho	N/A
Benzene	0.044
Toluene	2.9
Ethylbenzene	1.4
Xylenes	2.3
MTBE	0.023
Naphthalene	0.023

Results for TPH and VOCs in Soil (reported in mg/kg)
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates, Inc.
Project No.: SCS539.1

Figure 2
March 2016

laboratory reports are included as Appendix C.

The soil analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (Water Board) Environmental Screening Levels (ESLs) issued February 22, 2016. The Tier 1 ESLs used are based on: groundwater is a current or potential drinking water resource; the Tier 2 ESLs used (Table T2-1) are based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

TABLE 2
Selected Analytical Results for TPH and VOCs in Soil (reported in mg/kg)
1607 2nd Avenue, Oakland, CA

Sample		TPH			VOCs					
ID	Depth (ft bgs)	TPH-d	TPH-mo	TPH-ho	MTBE	Benzene	Ethylbenzene	Toluene	Xylenes	Naphthalene
B-2-8	8	15	34	6.0	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-2-10	10	ND<1.0	ND<5.0	ND<1.0	--	--	--	--	--	--
B-3-2.5	2.5	ND<1.0	ND<5.0	ND<1.0	--	--	--	--	--	--
B-3-7.5	7.5	**2,700**	**1,300**	1,500	ND<0.33	ND<0.33	ND<0.33	ND<0.33	ND<0.33	**6.5**
B-3-10	10	ND<1.0	ND<5.0	ND<1.0	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-4-7.5	7.5	ND<1.0	ND<5.0	ND<1.0	--	--	--	--	--	--
B-5-2.5	2.5	ND<1.0	ND<5.0	ND<1.0	--	--	--	--	--	--
B-5-5	5	ND<1.0	ND<5.0	ND<1.0	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
ESLs										
Tier 1 ESL		**240**	**100**	**N/A**	**0.023**	**0.044**	**1.4**	**2.9**	**2.3**	**0.023**
Tier 2 ESL		**100**	**100**	**N/A**	**0.023**	**0.044**	**1.4**	**2.9**	**2.3**	**0.023**

mg/kg = milligrams per kilograms; ft bgs = feet below ground surface; TPH-d, -mo and -ho = total petroleum hydrocarbons in the diesel, motor oil and heating oil ranges; VOCs = volatile organic compounds; MTBE = methyl tert-butyl ether; ND<1.0 = not detected with a reporting limit of 1.0; -- = not analyzed; N/A = ESL not listed.

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (February 22, 2016). Tier 1 ESLs based on: groundwater is a current or potential drinking water resource; Tier 2 ESLs (Table T2-1) based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

Numbers in **bold** indicate concentrations exceeding ESLs. TPH analyzed by EPA Method 8015B(m); VOCs analyzed by EPA Method 8260B.

SCHUTZE & Associates, Inc. / March 2016

Total Petroleum Hydrocarbons

TPH-d was detected in boring B2 at 8 ft bgs and in boring B3 at 7.5 ft bgs at concentrations of, respectively, 15 mg/kg (below the ESLs) and 2,700 mg/kg (above both the Tier 1 and Tier 2 ESLs). TPH-d was not detected above the laboratory reporting limit (RL) of 1.0 mg/kg in any other samples.

TPH-ho was detected in boring B2 at 8 ft bgs and boring B3 at 7.5 ft bgs at concentrations of 6 mg/kg and 1,500 mg/kg, respectively (there are no corresponding ESLs for TPH-ho). TPH-ho was not detected above the laboratory RL of 1.0 mg/kg in

any other samples.

TPH-mo was detected in boring B2 at 8 ft bgs and in boring B3 at 7.5 ft bgs at concentrations of, respectively, 34 mg/kg (below the ESLs) and 1,300 mg/kg (above both the Tier 1 and Tier 2 ESLs). TPH-mo was not detected above the RL of 5.0 mg/kg in any other samples.

It should be noted that the laboratory identified the fuel contamination detected as "unmodified or weakly modified diesel" and "oil range compounds", which indicates that the on-site tank could have contained mixtures of diesel and/or heating oil. The detections of TPH-mo are not likely to have been caused by actual motor oil, but instead suggest the presence of diesel and heating oil decay compounds.

VOCs

VOCs, including MTBE[11], benzene, ethylbenzene, toluene and xylenes, were below the laboratory RLs in the analyzed soil samples; however, the RLs for MTBE and benzene for sample B-3-7.5 were slightly above the Tier 1 and 2 ESL of 0.023 mg/kg. Naphthalene was detected in boring B3 at 7.5 ft bgs at a concentration of 6.5 mg/kg, which exceeds the Tier 1 and 2 ESL of 0.023 mg/kg. Naphthalene was below the laboratory RL of 0.0050 mg/kg in the other analyzed samples. No chlorinated solvents were detected in any sample above the RLs.

TABLE 3
Selected Analytical Results for PAHs in Soil (reported in mg/kg)
1607 2nd Avenue, Oakland, CA

Sample		PAHs				
ID	Depth (ft bgs)	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene
B-5-5	5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-2-8	8	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
B-3-7.5	7.5	13	**10**	**4.1**	8.6	5.5
B-3-10	10	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
ESLs						
Tier 1 ESL		**N/A**	**0.25**	**0.23**	**11**	**85**
Tier 2 ESL		**N/A**	**0.25**	**0.23**	**11**	**85**

mg/kg = milligrams per kilograms; ft bgs = feet below ground surface; PAHs= polynuclear aromatic hydrocarbons; ND<1.0 = not detected with a reporting limit of 1.0; N/A = ESL not listed.

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (February 22, 2016). Tier 1 ESLs based on: groundwater is a current or potential drinking water resource; Tier 2 ESLs (Table T2-1) based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

Numbers in **bold** indicate concentrations exceeding ESLs. PAHs analyzed by EPA Method 8310.

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[11] Methyl tert-butyl ether

Polynuclear Aromatic Hydrocarbons (PAHs)

Naphthalene and 2-methylnaphthalene were detected in boring B3 at 7.5 ft bgs at concentrations of 4.1 mg/kg and 10 mg/kg, respectively, which exceed the respective Tier 1 and 2 ESLs of 0.23 mg/kg and 0.25 mg/kg. In addition, 1-methylnaphthalene was detected in boring B3 at 7.5 ft bgs at a concentration of 13 mg/kg (there are no corresponding ESLs). Phenanthrene and pyrene were detected in boring B3 at 7.5 ft bgs at concentrations of 8.6 mg/kg and 5.5 mg/kg, respectively, which are below the ESLs. No PAHs were detected above the laboratory RLs (0.0050 mg/kg) in any other soil sample.

TABLE 4
Selected Analytical Results for LUFT 5 Metals in Soil (reported in mg/kg)
1607 2nd Avenue, Oakland, CA

Sample		Metals					
ID	Depth (ft bgs)	Cadmium	Chromium	Chromium VI	Lead	Nickel	Zinc
B-5-5	5	ND<0.25	83	ND<4.0	9.2	73	68
B-2-8	8	ND<0.25	66	ND<4.0	5.5	63	41
B-3-7.5	7.5	**0.26**	53	ND<4.0	7.8	43	53
B-3-10	10	**0.36**	66	ND<4.0	9.8	**110**	65
ESLs							
Tier 1 ESL		**0.00006**	**N/A**	**1.3**	**80**	**83**	**23,000**
Tier 2 ESL		**0.014**	**N/A**	**1.3**	**80**	**820**	**23,000**

mg/kg = milligrams per kilograms; ft bgs = feet below ground surface; ND<1.0 = not detected with a reporting limit of 1.0; N/A = ESL not listed.

ESLs = San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (February 22, 2016). Tier 1 ESLs based on: groundwater is a current or potential drinking water resource; Tier 2 ESLs (Table T2-1) based on: (1) groundwater is a current or potential drinking water resource; (2) groundwater depth is greater than or equal to 10 ft bgs; (3) the soil type is sandy; and (4) the soil depth for direct exposure is shallow (less than or equal to 10 ft bgs).

Numbers in **bold** indicate concentrations exceeding ESLs. LUFT 5 metals analyzed by EPA Method 6020.

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Metals

Lead and zinc were detected in all analyzed samples at concentrations below the corresponding ESLs.

Cadmium was detected above the RL of 0.25 mg/kg in two of the analyzed samples. The detected concentrations of 0.26 and 0.36 mg/kg (boring B3) exceeded the Tier 1 and Tier 2 ESLs of 0.00006 and 0.014 mg/kg, respectively. These values may have been listed incorrectly in the newly published ESLs; previous December 2013 ESLs were between 12 and 78 mg/kg for cadmium.[12] Naturally occurring cadmium concentrations in the Oakland area have been found to be between 0.25 and 2.9

[12] San Francisco Bay Water Board ESLs, Tables A-1 and C-1, December 2013

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-5	1602592-002A	Soil	02/12/2016 10:00	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	02/19/2016 16:22
tert-Amyl methyl ether (TAME)	ND	0.0050	1	02/19/2016 16:22
Benzene	ND	0.0050	1	02/19/2016 16:22
Bromobenzene	ND	0.0050	1	02/19/2016 16:22
Bromochloromethane	ND	0.0050	1	02/19/2016 16:22
Bromodichloromethane	ND	0.0050	1	02/19/2016 16:22
Bromoform	ND	0.0050	1	02/19/2016 16:22
Bromomethane	ND	0.0050	1	02/19/2016 16:22
2-Butanone (MEK)	ND	0.020	1	02/19/2016 16:22
t-Butyl alcohol (TBA)	ND	0.050	1	02/19/2016 16:22
n-Butyl benzene	ND	0.0050	1	02/19/2016 16:22
sec-Butyl benzene	ND	0.0050	1	02/19/2016 16:22
tert-Butyl benzene	ND	0.0050	1	02/19/2016 16:22
Carbon Disulfide	ND	0.0050	1	02/19/2016 16:22
Carbon Tetrachloride	ND	0.0050	1	02/19/2016 16:22
Chlorobenzene	ND	0.0050	1	02/19/2016 16:22
Chloroethane	ND	0.0050	1	02/19/2016 16:22
Chloroform	ND	0.0050	1	02/19/2016 16:22
Chloromethane	ND	0.0050	1	02/19/2016 16:22
2-Chlorotoluene	ND	0.0050	1	02/19/2016 16:22
4-Chlorotoluene	ND	0.0050	1	02/19/2016 16:22
Dibromochloromethane	ND	0.0050	1	02/19/2016 16:22
1,2-Dibromo-3-chloropropane	ND	0.0040	1	02/19/2016 16:22
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/19/2016 16:22
Dibromomethane	ND	0.0050	1	02/19/2016 16:22
1,2-Dichlorobenzene	ND	0.0050	1	02/19/2016 16:22
1,3-Dichlorobenzene	ND	0.0050	1	02/19/2016 16:22
1,4-Dichlorobenzene	ND	0.0050	1	02/19/2016 16:22
Dichlorodifluoromethane	ND	0.0050	1	02/19/2016 16:22
1,1-Dichloroethane	ND	0.0050	1	02/19/2016 16:22
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/19/2016 16:22
1,1-Dichloroethene	ND	0.0050	1	02/19/2016 16:22
cis-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 16:22
trans-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 16:22
1,2-Dichloropropane	ND	0.0050	1	02/19/2016 16:22
1,3-Dichloropropane	ND	0.0050	1	02/19/2016 16:22
2,2-Dichloropropane	ND	0.0050	1	02/19/2016 16:22

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-5	1602592-002A	Soil	02/12/2016 10:00	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	02/19/2016 16:22
cis-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 16:22
trans-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 16:22
Diisopropyl ether (DIPE)	ND	0.0050	1	02/19/2016 16:22
Ethylbenzene	ND	0.0050	1	02/19/2016 16:22
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	02/19/2016 16:22
Freon 113	ND	0.0050	1	02/19/2016 16:22
Hexachlorobutadiene	ND	0.0050	1	02/19/2016 16:22
Hexachloroethane	ND	0.0050	1	02/19/2016 16:22
2-Hexanone	ND	0.0050	1	02/19/2016 16:22
Isopropylbenzene	ND	0.0050	1	02/19/2016 16:22
4-Isopropyl toluene	ND	0.0050	1	02/19/2016 16:22
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	02/19/2016 16:22
Methylene chloride	ND	0.0050	1	02/19/2016 16:22
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	02/19/2016 16:22
Naphthalene	ND	0.0050	1	02/19/2016 16:22
n-Propyl benzene	ND	0.0050	1	02/19/2016 16:22
Styrene	ND	0.0050	1	02/19/2016 16:22
1,1,1,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 16:22
1,1,2,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 16:22
Tetrachloroethene	ND	0.0050	1	02/19/2016 16:22
Toluene	ND	0.0050	1	02/19/2016 16:22
1,2,3-Trichlorobenzene	ND	0.0050	1	02/19/2016 16:22
1,2,4-Trichlorobenzene	ND	0.0050	1	02/19/2016 16:22
1,1,1-Trichloroethane	ND	0.0050	1	02/19/2016 16:22
1,1,2-Trichloroethane	ND	0.0050	1	02/19/2016 16:22
Trichloroethene	ND	0.0050	1	02/19/2016 16:22
Trichlorofluoromethane	ND	0.0050	1	02/19/2016 16:22
1,2,3-Trichloropropane	ND	0.0050	1	02/19/2016 16:22
1,2,4-Trimethylbenzene	ND	0.0050	1	02/19/2016 16:22
1,3,5-Trimethylbenzene	ND	0.0050	1	02/19/2016 16:22
Vinyl Chloride	ND	0.0050	1	02/19/2016 16:22
Xylenes, Total	ND	0.0050	1	02/19/2016 16:22

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Analytical Report

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Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-5	1602592-002A	Soil	02/12/2016 10:00	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		02/19/2016 16:22
Toluene-d8	113	70-130		02/19/2016 16:22
4-BFB	88	70-130		02/19/2016 16:22
Benzene-d6	121	60-140		02/19/2016 16:22
Ethylbenzene-d10	108	60-140		02/19/2016 16:22
1,2-DCB-d4	109	60-140		02/19/2016 16:22

Analyst(s): AK

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Analytical Report

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Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-7.5	1602592-008A	Soil	02/12/2016 08:30	GC10	116749

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	6.7	67	02/20/2016 13:01
tert-Amyl methyl ether (TAME)	ND	0.33	67	02/20/2016 13:01
Benzene	ND	0.33	67	02/20/2016 13:01
Bromobenzene	ND	0.33	67	02/20/2016 13:01
Bromochloromethane	ND	0.33	67	02/20/2016 13:01
Bromodichloromethane	ND	0.33	67	02/20/2016 13:01
Bromoform	ND	0.33	67	02/20/2016 13:01
Bromomethane	ND	0.33	67	02/20/2016 13:01
2-Butanone (MEK)	ND	1.3	67	02/20/2016 13:01
t-Butyl alcohol (TBA)	ND	3.3	67	02/20/2016 13:01
n-Butyl benzene	ND	0.33	67	02/20/2016 13:01
sec-Butyl benzene	ND	0.33	67	02/20/2016 13:01
tert-Butyl benzene	ND	0.33	67	02/20/2016 13:01
Carbon Disulfide	ND	0.33	67	02/20/2016 13:01
Carbon Tetrachloride	ND	0.33	67	02/20/2016 13:01
Chlorobenzene	ND	0.33	67	02/20/2016 13:01
Chloroethane	ND	0.33	67	02/20/2016 13:01
Chloroform	ND	0.33	67	02/20/2016 13:01
Chloromethane	ND	0.33	67	02/20/2016 13:01
2-Chlorotoluene	ND	0.33	67	02/20/2016 13:01
4-Chlorotoluene	ND	0.33	67	02/20/2016 13:01
Dibromochloromethane	ND	0.33	67	02/20/2016 13:01
1,2-Dibromo-3-chloropropane	ND	0.27	67	02/20/2016 13:01
1,2-Dibromoethane (EDB)	ND	0.27	67	02/20/2016 13:01
Dibromomethane	ND	0.33	67	02/20/2016 13:01
1,2-Dichlorobenzene	ND	0.33	67	02/20/2016 13:01
1,3-Dichlorobenzene	ND	0.33	67	02/20/2016 13:01
1,4-Dichlorobenzene	ND	0.33	67	02/20/2016 13:01
Dichlorodifluoromethane	ND	0.33	67	02/20/2016 13:01
1,1-Dichloroethane	ND	0.33	67	02/20/2016 13:01
1,2-Dichloroethane (1,2-DCA)	ND	0.27	67	02/20/2016 13:01
1,1-Dichloroethene	ND	0.33	67	02/20/2016 13:01
cis-1,2-Dichloroethene	ND	0.33	67	02/20/2016 13:01
trans-1,2-Dichloroethene	ND	0.33	67	02/20/2016 13:01
1,2-Dichloropropane	ND	0.33	67	02/20/2016 13:01
1,3-Dichloropropane	ND	0.33	67	02/20/2016 13:01
2,2-Dichloropropane	ND	0.33	67	02/20/2016 13:01

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-7.5	1602592-008A	Soil	02/12/2016 08:30	GC10	116749

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.33	67	02/20/2016 13:01
cis-1,3-Dichloropropene	ND	0.33	67	02/20/2016 13:01
trans-1,3-Dichloropropene	ND	0.33	67	02/20/2016 13:01
Diisopropyl ether (DIPE)	ND	0.33	67	02/20/2016 13:01
Ethylbenzene	ND	0.33	67	02/20/2016 13:01
Ethyl tert-butyl ether (ETBE)	ND	0.33	67	02/20/2016 13:01
Freon 113	ND	0.33	67	02/20/2016 13:01
Hexachlorobutadiene	ND	0.33	67	02/20/2016 13:01
Hexachloroethane	ND	0.33	67	02/20/2016 13:01
2-Hexanone	ND	0.33	67	02/20/2016 13:01
Isopropylbenzene	ND	0.33	67	02/20/2016 13:01
4-Isopropyl toluene	ND	0.33	67	02/20/2016 13:01
Methyl-t-butyl ether (MTBE)	ND	0.33	67	02/20/2016 13:01
Methylene chloride	ND	0.33	67	02/20/2016 13:01
4-Methyl-2-pentanone (MIBK)	ND	0.33	67	02/20/2016 13:01
Naphthalene	6.5	0.33	67	02/20/2016 13:01
n-Propyl benzene	ND	0.33	67	02/20/2016 13:01
Styrene	ND	0.33	67	02/20/2016 13:01
1,1,1,2-Tetrachloroethane	ND	0.33	67	02/20/2016 13:01
1,1,2,2-Tetrachloroethane	ND	0.33	67	02/20/2016 13:01
Tetrachloroethene	ND	0.33	67	02/20/2016 13:01
Toluene	ND	0.33	67	02/20/2016 13:01
1,2,3-Trichlorobenzene	ND	0.33	67	02/20/2016 13:01
1,2,4-Trichlorobenzene	ND	0.33	67	02/20/2016 13:01
1,1,1-Trichloroethane	ND	0.33	67	02/20/2016 13:01
1,1,2-Trichloroethane	ND	0.33	67	02/20/2016 13:01
Trichloroethene	ND	0.33	67	02/20/2016 13:01
Trichlorofluoromethane	ND	0.33	67	02/20/2016 13:01
1,2,3-Trichloropropane	ND	0.33	67	02/20/2016 13:01
1,2,4-Trimethylbenzene	1.0	0.33	67	02/20/2016 13:01
1,3,5-Trimethylbenzene	ND	0.33	67	02/20/2016 13:01
Vinyl Chloride	ND	0.33	67	02/20/2016 13:01
Xylenes, Total	ND	0.33	67	02/20/2016 13:01

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-7.5	1602592-008A	Soil	02/12/2016 08:30	GC10	116749

Analytes	Result	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Limits**		
Dibromofluoromethane	108	70-130		02/20/2016 13:01
Toluene-d8	111	70-130		02/20/2016 13:01
4-BFB	87	70-130		02/20/2016 13:01
Benzene-d6	95	60-140		02/20/2016 13:01
Ethylbenzene-d10	94	60-140		02/20/2016 13:01
1,2-DCB-d4	96	60-140		02/20/2016 13:01

Analyst(s): AK

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-10	1602592-009A	Soil	02/12/2016 08:30	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	02/19/2016 17:01
tert-Amyl methyl ether (TAME)	ND	0.0050	1	02/19/2016 17:01
Benzene	ND	0.0050	1	02/19/2016 17:01
Bromobenzene	ND	0.0050	1	02/19/2016 17:01
Bromochloromethane	ND	0.0050	1	02/19/2016 17:01
Bromodichloromethane	ND	0.0050	1	02/19/2016 17:01
Bromoform	ND	0.0050	1	02/19/2016 17:01
Bromomethane	ND	0.0050	1	02/19/2016 17:01
2-Butanone (MEK)	ND	0.020	1	02/19/2016 17:01
t-Butyl alcohol (TBA)	ND	0.050	1	02/19/2016 17:01
n-Butyl benzene	ND	0.0050	1	02/19/2016 17:01
sec-Butyl benzene	ND	0.0050	1	02/19/2016 17:01
tert-Butyl benzene	ND	0.0050	1	02/19/2016 17:01
Carbon Disulfide	ND	0.0050	1	02/19/2016 17:01
Carbon Tetrachloride	ND	0.0050	1	02/19/2016 17:01
Chlorobenzene	ND	0.0050	1	02/19/2016 17:01
Chloroethane	ND	0.0050	1	02/19/2016 17:01
Chloroform	ND	0.0050	1	02/19/2016 17:01
Chloromethane	ND	0.0050	1	02/19/2016 17:01
2-Chlorotoluene	ND	0.0050	1	02/19/2016 17:01
4-Chlorotoluene	ND	0.0050	1	02/19/2016 17:01
Dibromochloromethane	ND	0.0050	1	02/19/2016 17:01
1,2-Dibromo-3-chloropropane	ND	0.0040	1	02/19/2016 17:01
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/19/2016 17:01
Dibromomethane	ND	0.0050	1	02/19/2016 17:01
1,2-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:01
1,3-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:01
1,4-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:01
Dichlorodifluoromethane	ND	0.0050	1	02/19/2016 17:01
1,1-Dichloroethane	ND	0.0050	1	02/19/2016 17:01
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/19/2016 17:01
1,1-Dichloroethene	ND	0.0050	1	02/19/2016 17:01
cis-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 17:01
trans-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 17:01
1,2-Dichloropropane	ND	0.0050	1	02/19/2016 17:01
1,3-Dichloropropane	ND	0.0050	1	02/19/2016 17:01
2,2-Dichloropropane	ND	0.0050	1	02/19/2016 17:01

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-10	1602592-009A	Soil	02/12/2016 08:30	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	02/19/2016 17:01
cis-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 17:01
trans-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 17:01
Diisopropyl ether (DIPE)	ND	0.0050	1	02/19/2016 17:01
Ethylbenzene	ND	0.0050	1	02/19/2016 17:01
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	02/19/2016 17:01
Freon 113	ND	0.0050	1	02/19/2016 17:01
Hexachlorobutadiene	ND	0.0050	1	02/19/2016 17:01
Hexachloroethane	ND	0.0050	1	02/19/2016 17:01
2-Hexanone	ND	0.0050	1	02/19/2016 17:01
Isopropylbenzene	ND	0.0050	1	02/19/2016 17:01
4-Isopropyl toluene	ND	0.0050	1	02/19/2016 17:01
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	02/19/2016 17:01
Methylene chloride	ND	0.0050	1	02/19/2016 17:01
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	02/19/2016 17:01
Naphthalene	ND	0.0050	1	02/19/2016 17:01
n-Propyl benzene	ND	0.0050	1	02/19/2016 17:01
Styrene	ND	0.0050	1	02/19/2016 17:01
1,1,1,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 17:01
1,1,2,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 17:01
Tetrachloroethene	ND	0.0050	1	02/19/2016 17:01
Toluene	ND	0.0050	1	02/19/2016 17:01
1,2,3-Trichlorobenzene	ND	0.0050	1	02/19/2016 17:01
1,2,4-Trichlorobenzene	ND	0.0050	1	02/19/2016 17:01
1,1,1-Trichloroethane	ND	0.0050	1	02/19/2016 17:01
1,1,2-Trichloroethane	ND	0.0050	1	02/19/2016 17:01
Trichloroethene	ND	0.0050	1	02/19/2016 17:01
Trichlorofluoromethane	ND	0.0050	1	02/19/2016 17:01
1,2,3-Trichloropropane	ND	0.0050	1	02/19/2016 17:01
1,2,4-Trimethylbenzene	ND	0.0050	1	02/19/2016 17:01
1,3,5-Trimethylbenzene	ND	0.0050	1	02/19/2016 17:01
Vinyl Chloride	ND	0.0050	1	02/19/2016 17:01
Xylenes, Total	ND	0.0050	1	02/19/2016 17:01

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-10	1602592-009A	Soil	02/12/2016 08:30	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		02/19/2016 17:01
Toluene-d8	112	70-130		02/19/2016 17:01
4-BFB	85	70-130		02/19/2016 17:01
Benzene-d6	117	60-140		02/19/2016 17:01
Ethylbenzene-d10	105	60-140		02/19/2016 17:01
1,2-DCB-d4	104	60-140		02/19/2016 17:01

Analyst(s): AK

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-8	1602592-016A	Soil	02/12/2016 12:15	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	0.10	1	02/19/2016 17:39
tert-Amyl methyl ether (TAME)	ND	0.0050	1	02/19/2016 17:39
Benzene	ND	0.0050	1	02/19/2016 17:39
Bromobenzene	ND	0.0050	1	02/19/2016 17:39
Bromochloromethane	ND	0.0050	1	02/19/2016 17:39
Bromodichloromethane	ND	0.0050	1	02/19/2016 17:39
Bromoform	ND	0.0050	1	02/19/2016 17:39
Bromomethane	ND	0.0050	1	02/19/2016 17:39
2-Butanone (MEK)	ND	0.020	1	02/19/2016 17:39
t-Butyl alcohol (TBA)	ND	0.050	1	02/19/2016 17:39
n-Butyl benzene	ND	0.0050	1	02/19/2016 17:39
sec-Butyl benzene	ND	0.0050	1	02/19/2016 17:39
tert-Butyl benzene	ND	0.0050	1	02/19/2016 17:39
Carbon Disulfide	ND	0.0050	1	02/19/2016 17:39
Carbon Tetrachloride	ND	0.0050	1	02/19/2016 17:39
Chlorobenzene	ND	0.0050	1	02/19/2016 17:39
Chloroethane	ND	0.0050	1	02/19/2016 17:39
Chloroform	ND	0.0050	1	02/19/2016 17:39
Chloromethane	ND	0.0050	1	02/19/2016 17:39
2-Chlorotoluene	ND	0.0050	1	02/19/2016 17:39
4-Chlorotoluene	ND	0.0050	1	02/19/2016 17:39
Dibromochloromethane	ND	0.0050	1	02/19/2016 17:39
1,2-Dibromo-3-chloropropane	ND	0.0040	1	02/19/2016 17:39
1,2-Dibromoethane (EDB)	ND	0.0040	1	02/19/2016 17:39
Dibromomethane	ND	0.0050	1	02/19/2016 17:39
1,2-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:39
1,3-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:39
1,4-Dichlorobenzene	ND	0.0050	1	02/19/2016 17:39
Dichlorodifluoromethane	ND	0.0050	1	02/19/2016 17:39
1,1-Dichloroethane	ND	0.0050	1	02/19/2016 17:39
1,2-Dichloroethane (1,2-DCA)	ND	0.0040	1	02/19/2016 17:39
1,1-Dichloroethene	ND	0.0050	1	02/19/2016 17:39
cis-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 17:39
trans-1,2-Dichloroethene	ND	0.0050	1	02/19/2016 17:39
1,2-Dichloropropane	ND	0.0050	1	02/19/2016 17:39
1,3-Dichloropropane	ND	0.0050	1	02/19/2016 17:39
2,2-Dichloropropane	ND	0.0050	1	02/19/2016 17:39

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539; Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-8	1602592-016A	Soil	02/12/2016 12:15	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.0050	1	02/19/2016 17:39
cis-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 17:39
trans-1,3-Dichloropropene	ND	0.0050	1	02/19/2016 17:39
Diisopropyl ether (DIPE)	ND	0.0050	1	02/19/2016 17:39
Ethylbenzene	ND	0.0050	1	02/19/2016 17:39
Ethyl tert-butyl ether (ETBE)	ND	0.0050	1	02/19/2016 17:39
Freon 113	ND	0.0050	1	02/19/2016 17:39
Hexachlorobutadiene	ND	0.0050	1	02/19/2016 17:39
Hexachloroethane	ND	0.0050	1	02/19/2016 17:39
2-Hexanone	ND	0.0050	1	02/19/2016 17:39
Isopropylbenzene	ND	0.0050	1	02/19/2016 17:39
4-Isopropyl toluene	ND	0.0050	1	02/19/2016 17:39
Methyl-t-butyl ether (MTBE)	ND	0.0050	1	02/19/2016 17:39
Methylene chloride	ND	0.0050	1	02/19/2016 17:39
4-Methyl-2-pentanone (MIBK)	ND	0.0050	1	02/19/2016 17:39
Naphthalene	ND	0.0050	1	02/19/2016 17:39
n-Propyl benzene	ND	0.0050	1	02/19/2016 17:39
Styrene	ND	0.0050	1	02/19/2016 17:39
1,1,1,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 17:39
1,1,2,2-Tetrachloroethane	ND	0.0050	1	02/19/2016 17:39
Tetrachloroethene	ND	0.0050	1	02/19/2016 17:39
Toluene	ND	0.0050	1	02/19/2016 17:39
1,2,3-Trichlorobenzene	ND	0.0050	1	02/19/2016 17:39
1,2,4-Trichlorobenzene	ND	0.0050	1	02/19/2016 17:39
1,1,1-Trichloroethane	ND	0.0050	1	02/19/2016 17:39
1,1,2-Trichloroethane	ND	0.0050	1	02/19/2016 17:39
Trichloroethene	ND	0.0050	1	02/19/2016 17:39
Trichlorofluoromethane	ND	0.0050	1	02/19/2016 17:39
1,2,3-Trichloropropane	ND	0.0050	1	02/19/2016 17:39
1,2,4-Trimethylbenzene	ND	0.0050	1	02/19/2016 17:39
1,3,5-Trimethylbenzene	ND	0.0050	1	02/19/2016 17:39
Vinyl Chloride	ND	0.0050	1	02/19/2016 17:39
Xylenes, Total	ND	0.0050	1	02/19/2016 17:39

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW5030B
Date Prepared:	2/16/16	**Analytical Method:**	SW8260B
Project:	SCS539: Tung	**Unit:**	mg/kg

Volatile Organics by P&T and GC/MS (Basic Target List)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-8	1602592-016A	Soil	02/12/2016 12:15	GC18	116749

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	115	70-130		02/19/2016 17:39
Toluene-d8	113	70-130		02/19/2016 17:39
4-BFB	89	70-130		02/19/2016 17:39
Benzene-d6	123	60-140		02/19/2016 17:39
Ethylbenzene-d10	112	60-140		02/19/2016 17:39
1,2-DCB-d4	112	60-140		02/19/2016 17:39

Analyst(s): AK

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW3550C
Date Prepared:	2/17/16	**Analytical Method:**	SW8310
Project:	SCS539: Tung	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-5-5	1602592-002A	Soil	02/12/2016 10:00	HPLC4	116810

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0050	1	02/17/2016 17:48
Acenaphthylene	ND	0.0050	1	02/17/2016 17:48
Anthracene	ND	0.0050	1	02/17/2016 17:48
Benzo (a) anthracene	ND	0.0050	1	02/17/2016 17:48
Benzo (a) pyrene	ND	0.0050	1	02/17/2016 17:48
Benzo (b) fluoranthene	ND	0.0050	1	02/17/2016 17:48
Benzo (g,h,i) perylene	ND	0.0050	1	02/17/2016 17:48
Benzo (k) fluoranthene	ND	0.0050	1	02/17/2016 17:48
Chrysene	ND	0.0050	1	02/17/2016 17:48
Dibenzo (a,h) anthracene	ND	0.0050	1	02/17/2016 17:48
Fluoranthene	ND	0.0050	1	02/17/2016 17:48
Fluorene	ND	0.0050	1	02/17/2016 17:48
Indeno (1,2,3-cd) pyrene	ND	0.0050	1	02/17/2016 17:48
1-Methylnaphthalene	ND	0.0050	1	02/17/2016 17:48
2-Methylnaphthalene	ND	0.0050	1	02/17/2016 17:48
Naphthalene	ND	0.0050	1	02/17/2016 17:48
Phenanthrene	ND	0.0050	1	02/17/2016 17:48
Pyrene	ND	0.0050	1	02/17/2016 17:48

Surrogates	REC (%)	Limits	
Decafluorobiphenyl	74	70-130	02/17/2016 17:48
4,4-Dichlorobiphenyl	93	70-130	02/17/2016 17:48

Analyst(s): JC

(Cont.)

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW3550C
Date Prepared:	2/17/16	**Analytical Method:**	SW8310
Project:	SCS539: Tung	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-7.5	1602592-008A	Soil	02/12/2016 08:30	HPLC4	116810

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	2.0	400	02/18/2016 21:54
Acenaphthylene	ND	2.0	400	02/18/2016 21:54
Anthracene	ND	2.0	400	02/18/2016 21:54
Benzo (a) anthracene	ND	2.0	400	02/18/2016 21:54
Benzo (a) pyrene	ND	2.0	400	02/18/2016 21:54
Benzo (b) fluoranthene	ND	2.0	400	02/18/2016 21:54
Benzo (g,h,i) perylene	ND	2.0	400	02/18/2016 21:54
Benzo (k) fluoranthene	ND	2.0	400	02/18/2016 21:54
Chrysene	ND	2.0	400	02/18/2016 21:54
Dibenzo (a,h) anthracene	ND	2.0	400	02/18/2016 21:54
Fluoranthene	ND	2.0	400	02/18/2016 21:54
Fluorene	ND	2.0	400	02/18/2016 21:54
Indeno (1,2,3-cd) pyrene	ND	2.0	400	02/18/2016 21:54
1-Methylnaphthalene	13	2.0	400	02/18/2016 21:54
2-Methylnaphthalene	10	2.0	400	02/18/2016 21:54
Naphthalene	4.1	2.0	400	02/18/2016 21:54
Phenanthrene	8.6	2.0	400	02/18/2016 21:54
Pyrene	5.5	2.0	400	02/18/2016 21:54

Surrogates	REC (%)	Qualifiers	Limits	
Decafluorobiphenyl	0	S	70-130	02/18/2016 21:54
4,4-Dichlorobiphenyl	0	S	70-130	02/18/2016 21:54

Analyst(s): JC Analytical Comments: C1

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW3550C
Date Prepared:	2/17/16	**Analytical Method:**	SW8310
Project:	SCS539: Tung	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-3-10	1602592-009A	Soil	02/12/2016 08:30	HPLC4	116810

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0050	1	02/18/2016 19:04
Acenaphthylene	ND	0.0050	1	02/18/2016 19:04
Anthracene	ND	0.0050	1	02/18/2016 19:04
Benzo (a) anthracene	ND	0.0050	1	02/18/2016 19:04
Benzo (a) pyrene	ND	0.0050	1	02/18/2016 19:04
Benzo (b) fluoranthene	ND	0.0050	1	02/18/2016 19:04
Benzo (g,h,i) perylene	ND	0.0050	1	02/18/2016 19:04
Benzo (k) fluoranthene	ND	0.0050	1	02/18/2016 19:04
Chrysene	ND	0.0050	1	02/18/2016 19:04
Dibenzo (a,h) anthracene	ND	0.0050	1	02/18/2016 19:04
Fluoranthene	ND	0.0050	1	02/18/2016 19:04
Fluorene	ND	0.0050	1	02/18/2016 19:04
Indeno (1,2,3-cd) pyrene	ND	0.0050	1	02/18/2016 19:04
1-Methylnaphthalene	ND	0.0050	1	02/18/2016 19:04
2-Methylnaphthalene	ND	0.0050	1	02/18/2016 19:04
Naphthalene	ND	0.0050	1	02/18/2016 19:04
Phenanthrene	ND	0.0050	1	02/18/2016 19:04
Pyrene	ND	0.0050	1	02/18/2016 19:04

Surrogates	REC (%)	Limits	
Decafluorobiphenyl	80	70-130	02/18/2016 19:04
4,4-Dichlorobiphenyl	104	70-130	02/18/2016 19:04

Analyst(s): JC

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1602592
Date Received:	2/16/16 20:36	**Extraction Method:**	SW3550C
Date Prepared:	2/17/16	**Analytical Method:**	SW8310
Project:	SCS539: Tung	**Unit:**	mg/kg

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) by HPLC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
B-2-8	1602592-016A	Soil	02/12/2016 12:15	HPLC4	116810

Analytes	Result	RL	DF	Date Analyzed
Acenaphthene	ND	0.0050	1	02/19/2016 14:49
Acenaphthylene	ND	0.0050	1	02/19/2016 14:49
Anthracene	ND	0.0050	1	02/19/2016 14:49
Benzo (a) anthracene	ND	0.0050	1	02/19/2016 14:49
Benzo (a) pyrene	ND	0.0050	1	02/19/2016 14:49
Benzo (b) fluoranthene	ND	0.0050	1	02/19/2016 14:49
Benzo (g,h,i) perylene	ND	0.0050	1	02/19/2016 14:49
Benzo (k) fluoranthene	ND	0.0050	1	02/19/2016 14:49
Chrysene	ND	0.0050	1	02/19/2016 14:49
Dibenzo (a,h) anthracene	ND	0.0050	1	02/19/2016 14:49
Fluoranthene	ND	0.0050	1	02/19/2016 14:49
Fluorene	ND	0.0050	1	02/19/2016 14:49
Indeno (1,2,3-cd) pyrene	ND	0.0050	1	02/19/2016 14:49
1-Methylnaphthalene	ND	0.0050	1	02/19/2016 14:49
2-Methylnaphthalene	ND	0.0050	1	02/19/2016 14:49
Naphthalene	ND	0.0050	1	02/19/2016 14:49
Phenanthrene	ND	0.0050	1	02/19/2016 14:49
Pyrene	ND	0.0050	1	02/19/2016 14:49

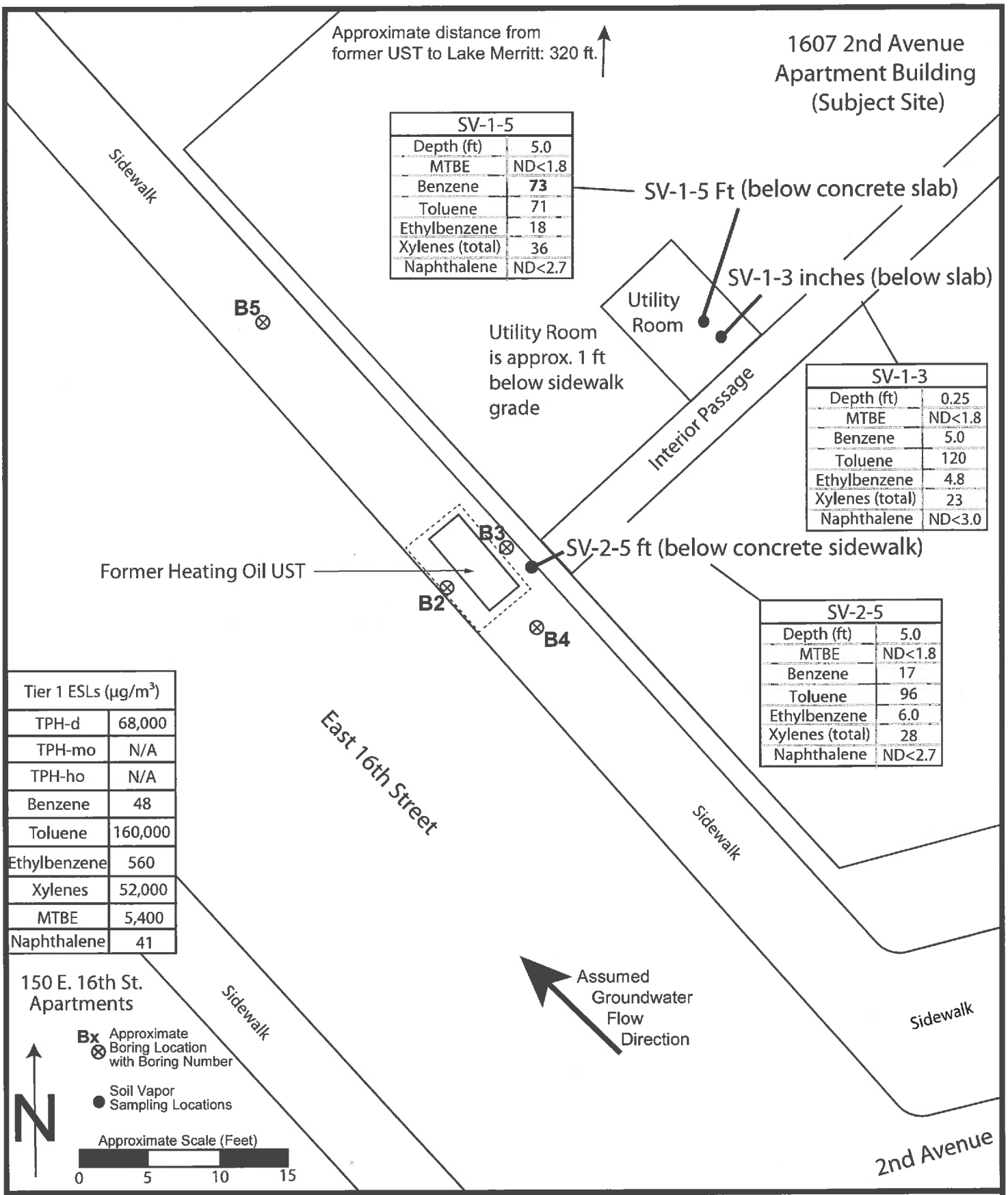
Surrogates	REC (%)	Limits	
Decafluorobiphenyl	111	70-130	02/19/2016 14:49
4,4-Dichlorobiphenyl	123	70-130	02/19/2016 14:49

Analyst(s): JC

Angela Rydelius, Lab Manager

ATTACHMENT B-6

Soil Vapor Data



Soil Vapor Sampling Results
1607 2nd Avenue
Oakland, Alameda County, California

SCHUTZE & Associates, Inc.
Project No. SCS539.3

Figure 2
November 2017

naphthalene confirmation by Test Method TO-17, which assists in indicating aerobic/anaerobic conditions.

D. ANALYTICAL RESULTS FOR SOIL VAPOR

Selected analytical results for the soil vapor samples are shown in Table 1 and depicted on Figure 2. The complete laboratory report is attached as Appendix A. The soil vapor analytical results were compared to the San Francisco Bay Regional Water Quality Control Board (Water Board) Tier 1 Environmental Screening Levels (ESLs), February 2016 (Rev. 3).

TABLE 1
Selected Analytical Results for Soil Vapor
1607 2nd Avenue, Oakland, California

Sample				Units in %			Units in µg/m^3					
Sample ID	Depth (feet below slab)	Date Collected	Sample Location	Methane	Oxygen	Carbon Dioxide	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes (total)	Naphthalene
SV-1-3	Sub-slab	1/13/2017	Utility Room	0.00028	17	0.015	ND<1.8	5.0	120	4.8	23	ND<3.0
SV-1-5	5.0			0.00068	17	0.067	ND<1.8	**73**	71	18	36	ND<2.7
SV-2-5	5.0		Sidewalk	0.00069	16	0.033	ND<1.8	17	96	6.0	28	ND<2.7
Residential (Table SG-1) ESLs				**N/A**	**N/A**	**N/A**	**5,400**	**48**	**160,000**	**560**	**52,000**	**41**
Commercial (Table SG-1) ESLs				**N/A**	**N/A**	**N/A**	**47,000**	**420**	**1,300,000**	**4,900**	**440,000**	**360**

µg/m^3 = micrograms per cubic meter; MTBE = methyl tert-butyl ether; ND<1.0 = not detected with a reporting limit of 1.0; N/A = not available.
ESLs = San Francisco Bay Regional Water Quality Control Board environmental screening levels (February 2016, Revision 3; Table SG-1, Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels). **Bold** indicates results that exceed or are equal to ESLs.
Volatile organic compounds, methane, oxygen and carbon dioxide were analyzed by EPA Method TO15; naphthalene was analyzed by EPA Method TO17.
SCHUTZE & Associates, Inc.

D.1 VOCs

- MTBE was not detected above the laboratory reporting limit (RL) in the soil vapor samples.
- Benzene was detected in soil vapor above the residential Tier 1 ESL of 48 µg/m^3 with a concentration of 73 µg/m^3 at SV-1-5. Benzene was also detected at concentrations below the residential Tier 1 ESL at SV-1-3 (5.0 µg/m^3) and SV-2-5 (17 µg/m^3).
- Toluene was detected in soil vapor below the residential Tier 1 ESL of 160,000 µg/m^3 with a maximum concentration of 120 µg/m^3 at SV-1-3.
- Ethylbenzene was detected in soil vapor below the residential Tier 1 ESL of 560 µg/m^3 with a maximum concentration of 18 µg/m^3 at SV-1-5.
- Xylenes was detected in soil vapor below the residential Tier 1 ESL of 52,000 µg/m^3 with a maximum concentration of 36 µg/m^3 at SV-1-5.

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Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1701626
Date Received:	1/17/17 15:30	**Extraction Method:**	TO15
Date Prepared:	1/23/17-1/24/17	**Analytical Method:**	TO15
Project:	Tung/SCS539	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1-5	1701626-001A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.11	24.13	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	180	60	1	01/24/2017 00:11
Acrolein	ND	5.8	1	01/24/2017 00:11
Acrylonitrile	ND	1.1	1	01/24/2017 00:11
tert-Amyl methyl ether (TAME)	ND	2.1	1	01/24/2017 00:11
Benzene	73	1.6	1	01/24/2017 00:11
Benzyl chloride	ND	2.6	1	01/24/2017 00:11
Bromodichloromethane	ND	3.5	1	01/24/2017 00:11
Bromoform	ND	5.2	1	01/24/2017 00:11
Bromomethane	ND	2.0	1	01/24/2017 00:11
1,3-Butadiene	ND	1.1	1	01/24/2017 00:11
2-Butanone (MEK)	120	75	1	01/24/2017 00:11
t-Butyl alcohol (TBA)	ND	31	1	01/24/2017 00:11
Carbon Disulfide	15	1.6	1	01/24/2017 00:11
Carbon Tetrachloride	ND	3.2	1	01/24/2017 00:11
Chlorobenzene	ND	2.4	1	01/24/2017 00:11
Chloroethane	ND	1.3	1	01/24/2017 00:11
Chloroform	ND	2.4	1	01/24/2017 00:11
Chloromethane	ND	1.0	1	01/24/2017 00:11
Cyclohexane	30	18	1	01/24/2017 00:11
Dibromochloromethane	ND	4.4	1	01/24/2017 00:11
1,2-Dibromo-3-chloropropane	ND	0.12	1	01/24/2017 00:11
1,2-Dibromoethane (EDB)	ND	3.9	1	01/24/2017 00:11
1,2-Dichlorobenzene	ND	3.0	1	01/24/2017 00:11
1,3-Dichlorobenzene	ND	3.0	1	01/24/2017 00:11
1,4-Dichlorobenzene	ND	3.0	1	01/24/2017 00:11
Dichlorodifluoromethane	2.7	2.5	1	01/24/2017 00:11
1,1-Dichloroethane	ND	2.0	1	01/24/2017 00:11
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	01/24/2017 00:11
1,1-Dichloroethene	ND	2.0	1	01/24/2017 00:11
cis-1,2-Dichloroethene	ND	2.0	1	01/24/2017 00:11
trans-1,2-Dichloroethene	ND	2.0	1	01/24/2017 00:11
1,2-Dichloropropane	ND	2.4	1	01/24/2017 00:11
cis-1,3-Dichloropropene	ND	2.3	1	01/24/2017 00:11
trans-1,3-Dichloropropene	ND	2.3	1	01/24/2017 00:11

(Cont.)

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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.11	24.13	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	01/24/2017 00:11
Diisopropyl ether (DIPE)	ND	2.1	1	01/24/2017 00:11
1,4-Dioxane	ND	1.8	1	01/24/2017 00:11
Ethanol	ND	96	1	01/24/2017 00:11
Ethyl acetate	ND	1.8	1	01/24/2017 00:11
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	01/24/2017 00:11
Ethylbenzene	18	2.2	1	01/24/2017 00:11
4-Ethyltoluene	4.8	2.5	1	01/24/2017 00:11
Freon 113	ND	3.9	1	01/24/2017 00:11
Heptane	34	21	1	01/24/2017 00:11
Hexachlorobutadiene	ND	5.4	1	01/24/2017 00:11
Hexane	57	18	1	01/24/2017 00:11
2-Hexanone	11	2.1	1	01/24/2017 00:11
4-Methyl-2-pentanone (MIBK)	10	2.1	1	01/24/2017 00:11
Methyl-t-butyl ether (MTBE)	ND	1.8	1	01/24/2017 00:11
Methylene chloride	ND	8.8	1	01/24/2017 00:11
Methyl methacrylate	ND	2.1	1	01/24/2017 00:11
Naphthalene	ND	5.3	1	01/24/2017 00:11
Propene	ND	880	10	01/23/2017 18:58
Styrene	14	2.2	1	01/24/2017 00:11
1,1,1,2-Tetrachloroethane	ND	3.5	1	01/24/2017 00:11
1,1,2,2-Tetrachloroethane	ND	3.5	1	01/24/2017 00:11
Tetrachloroethene	ND	3.4	1	01/24/2017 00:11
Tetrahydrofuran	ND	3.0	1	01/24/2017 00:11
Toluene	71	1.9	1	01/24/2017 00:11
1,2,4-Trichlorobenzene	ND	3.8	1	01/24/2017 00:11
1,1,1-Trichloroethane	ND	2.8	1	01/24/2017 00:11
1,1,2-Trichloroethane	ND	2.8	1	01/24/2017 00:11
Trichloroethene	ND	2.8	1	01/24/2017 00:11
Trichlorofluoromethane	ND	2.8	1	01/24/2017 00:11
1,2,4-Trimethylbenzene	7.1	2.5	1	01/24/2017 00:11
1,3,5-Trimethylbenzene	ND	2.5	1	01/24/2017 00:11
Vinyl Acetate	ND	18	1	01/24/2017 00:11
Vinyl Chloride	ND	1.3	1	01/24/2017 00:11

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Volatile Organic Compounds

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SV-1-5	1701626-001A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.11	24.13	AK

Analytes	Result	RL	DF	Date Analyzed
Xylenes, Total	36	6.6	1	01/24/2017 00:11
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	106	70-130		01/24/2017 00:11
Toluene-d8	107	70-130		01/24/2017 00:11
4-BFB	101	70-130		01/24/2017 00:11

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Project:	Tung/SCS539	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1-3	1701626-002A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.73	25.40	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	01/24/2017 00:57
Acrolein	ND	5.8	1	01/24/2017 00:57
Acrylonitrile	ND	1.1	1	01/24/2017 00:57
tert-Amyl methyl ether (TAME)	ND	2.1	1	01/24/2017 00:57
Benzene	5.0	1.6	1	01/24/2017 00:57
Benzyl chloride	ND	2.6	1	01/24/2017 00:57
Bromodichloromethane	19	3.5	1	01/24/2017 00:57
Bromoform	ND	5.2	1	01/24/2017 00:57
Bromomethane	ND	2.0	1	01/24/2017 00:57
1,3-Butadiene	ND	1.1	1	01/24/2017 00:57
2-Butanone (MEK)	ND	75	1	01/24/2017 00:57
t-Butyl alcohol (TBA)	ND	31	1	01/24/2017 00:57
Carbon Disulfide	10	1.6	1	01/24/2017 00:57
Carbon Tetrachloride	ND	3.2	1	01/24/2017 00:57
Chlorobenzene	ND	2.4	1	01/24/2017 00:57
Chloroethane	ND	1.3	1	01/24/2017 00:57
Chloroform	150	2.4	1	01/24/2017 00:57
Chloromethane	ND	1.0	1	01/24/2017 00:57
Cyclohexane	ND	18	1	01/24/2017 00:57
Dibromochloromethane	ND	4.4	1	01/24/2017 00:57
1,2-Dibromo-3-chloropropane	ND	0.12	1	01/24/2017 00:57
1,2-Dibromoethane (EDB)	ND	3.9	1	01/24/2017 00:57
1,2-Dichlorobenzene	ND	3.0	1	01/24/2017 00:57
1,3-Dichlorobenzene	ND	3.0	1	01/24/2017 00:57
1,4-Dichlorobenzene	ND	3.0	1	01/24/2017 00:57
Dichlorodifluoromethane	2.6	2.5	1	01/24/2017 00:57
1,1-Dichloroethane	ND	2.0	1	01/24/2017 00:57
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	01/24/2017 00:57
1,1-Dichloroethene	ND	2.0	1	01/24/2017 00:57
cis-1,2-Dichloroethene	ND	2.0	1	01/24/2017 00:57
trans-1,2-Dichloroethene	ND	2.0	1	01/24/2017 00:57
1,2-Dichloropropane	ND	2.4	1	01/24/2017 00:57
cis-1,3-Dichloropropene	ND	2.3	1	01/24/2017 00:57
trans-1,3-Dichloropropene	ND	2.3	1	01/24/2017 00:57

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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.73	25.40	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	01/24/2017 00:57
Diisopropyl ether (DIPE)	ND	2.1	1	01/24/2017 00:57
1,4-Dioxane	ND	1.8	1	01/24/2017 00:57
Ethanol	ND	96	1	01/24/2017 00:57
Ethyl acetate	ND	1.8	1	01/24/2017 00:57
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	01/24/2017 00:57
Ethylbenzene	4.8	2.2	1	01/24/2017 00:57
4-Ethyltoluene	ND	2.5	1	01/24/2017 00:57
Freon 113	ND	3.9	1	01/24/2017 00:57
Heptane	25	21	1	01/24/2017 00:57
Hexachlorobutadiene	ND	5.4	1	01/24/2017 00:57
Hexane	33	18	1	01/24/2017 00:57
2-Hexanone	ND	2.1	1	01/24/2017 00:57
4-Methyl-2-pentanone (MIBK)	ND	2.1	1	01/24/2017 00:57
Methyl-t-butyl ether (MTBE)	ND	1.8	1	01/24/2017 00:57
Methylene chloride	ND	8.8	1	01/24/2017 00:57
Methyl methacrylate	ND	2.1	1	01/24/2017 00:57
Naphthalene	ND	5.3	1	01/24/2017 00:57
Propene	ND	88	1	01/24/2017 00:57
Styrene	2.7	2.2	1	01/24/2017 00:57
1,1,1,2-Tetrachloroethane	ND	3.5	1	01/24/2017 00:57
1,1,2,2-Tetrachloroethane	ND	3.5	1	01/24/2017 00:57
Tetrachloroethene	ND	3.4	1	01/24/2017 00:57
Tetrahydrofuran	ND	3.0	1	01/24/2017 00:57
Toluene	120	1.9	1	01/24/2017 00:57
1,2,4-Trichlorobenzene	ND	3.8	1	01/24/2017 00:57
1,1,1-Trichloroethane	ND	2.8	1	01/24/2017 00:57
1,1,2-Trichloroethane	ND	2.8	1	01/24/2017 00:57
Trichloroethene	ND	2.8	1	01/24/2017 00:57
Trichlorofluoromethane	ND	2.8	1	01/24/2017 00:57
1,2,4-Trimethylbenzene	3.6	2.5	1	01/24/2017 00:57
1,3,5-Trimethylbenzene	ND	2.5	1	01/24/2017 00:57
Vinyl Acetate	ND	18	1	01/24/2017 00:57
Vinyl Chloride	ND	1.3	1	01/24/2017 00:57

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Project:	Tung/SCS539	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-1-3	1701626-002A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.73	25.40	AK

Analytes	Result	RL	DF	Date Analyzed
Xylenes, Total	23	6.6	1	01/24/2017 00:57
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	95	70-130		01/24/2017 00:57
Toluene-d8	103	70-130		01/24/2017 00:57
4-BFB	99	70-130		01/24/2017 00:57

(Cont.)

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Project:	Tung/SCS539	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2-5	1701626-003A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.13	24.22	AK

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	60	1	01/24/2017 01:43
Acrolein	ND	5.8	1	01/24/2017 01:43
Acrylonitrile	ND	1.1	1	01/24/2017 01:43
tert-Amyl methyl ether (TAME)	ND	2.1	1	01/24/2017 01:43
Benzene	17	1.6	1	01/24/2017 01:43
Benzyl chloride	ND	2.6	1	01/24/2017 01:43
Bromodichloromethane	ND	3.5	1	01/24/2017 01:43
Bromoform	ND	5.2	1	01/24/2017 01:43
Bromomethane	ND	2.0	1	01/24/2017 01:43
1,3-Butadiene	ND	1.1	1	01/24/2017 01:43
2-Butanone (MEK)	ND	75	1	01/24/2017 01:43
t-Butyl alcohol (TBA)	ND	31	1	01/24/2017 01:43
Carbon Disulfide	200	1.6	1	01/24/2017 01:43
Carbon Tetrachloride	ND	3.2	1	01/24/2017 01:43
Chlorobenzene	ND	2.4	1	01/24/2017 01:43
Chloroethane	ND	1.3	1	01/24/2017 01:43
Chloroform	31	2.4	1	01/24/2017 01:43
Chloromethane	ND	1.0	1	01/24/2017 01:43
Cyclohexane	35	18	1	01/24/2017 01:43
Dibromochloromethane	ND	4.4	1	01/24/2017 01:43
1,2-Dibromo-3-chloropropane	ND	0.12	1	01/24/2017 01:43
1,2-Dibromoethane (EDB)	ND	3.9	1	01/24/2017 01:43
1,2-Dichlorobenzene	ND	3.0	1	01/24/2017 01:43
1,3-Dichlorobenzene	ND	3.0	1	01/24/2017 01:43
1,4-Dichlorobenzene	ND	3.0	1	01/24/2017 01:43
Dichlorodifluoromethane	2.9	2.5	1	01/24/2017 01:43
1,1-Dichloroethane	ND	2.0	1	01/24/2017 01:43
1,2-Dichloroethane (1,2-DCA)	ND	2.0	1	01/24/2017 01:43
1,1-Dichloroethene	ND	2.0	1	01/24/2017 01:43
cis-1,2-Dichloroethene	ND	2.0	1	01/24/2017 01:43
trans-1,2-Dichloroethene	ND	2.0	1	01/24/2017 01:43
1,2-Dichloropropane	ND	2.4	1	01/24/2017 01:43
cis-1,3-Dichloropropene	ND	2.3	1	01/24/2017 01:43
trans-1,3-Dichloropropene	ND	2.3	1	01/24/2017 01:43

(Cont.)

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Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.13	24.22	AK

Analytes	Result	RL	DF	Date Analyzed
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	3.6	1	01/24/2017 01:43
Diisopropyl ether (DIPE)	ND	2.1	1	01/24/2017 01:43
1,4-Dioxane	ND	1.8	1	01/24/2017 01:43
Ethanol	ND	96	1	01/24/2017 01:43
Ethyl acetate	ND	1.8	1	01/24/2017 01:43
Ethyl tert-butyl ether (ETBE)	ND	2.1	1	01/24/2017 01:43
Ethylbenzene	6.0	2.2	1	01/24/2017 01:43
4-Ethyltoluene	3.0	2.5	1	01/24/2017 01:43
Freon 113	ND	3.9	1	01/24/2017 01:43
Heptane	45	21	1	01/24/2017 01:43
Hexachlorobutadiene	ND	5.4	1	01/24/2017 01:43
Hexane	430	18	1	01/24/2017 01:43
2-Hexanone	ND	2.1	1	01/24/2017 01:43
4-Methyl-2-pentanone (MIBK)	24	2.1	1	01/24/2017 01:43
Methyl-t-butyl ether (MTBE)	ND	1.8	1	01/24/2017 01:43
Methylene chloride	ND	8.8	1	01/24/2017 01:43
Methyl methacrylate	ND	2.1	1	01/24/2017 01:43
Naphthalene	ND	5.3	1	01/24/2017 01:43
Propene	210	88	1	01/24/2017 01:43
Styrene	3.4	2.2	1	01/24/2017 01:43
1,1,1,2-Tetrachloroethane	ND	3.5	1	01/24/2017 01:43
1,1,2,2-Tetrachloroethane	ND	3.5	1	01/24/2017 01:43
Tetrachloroethene	ND	3.4	1	01/24/2017 01:43
Tetrahydrofuran	4.8	3.0	1	01/24/2017 01:43
Toluene	96	1.9	1	01/24/2017 01:43
1,2,4-Trichlorobenzene	ND	3.8	1	01/24/2017 01:43
1,1,1-Trichloroethane	ND	2.8	1	01/24/2017 01:43
1,1,2-Trichloroethane	ND	2.8	1	01/24/2017 01:43
Trichloroethene	ND	2.8	1	01/24/2017 01:43
Trichlorofluoromethane	ND	2.8	1	01/24/2017 01:43
1,2,4-Trimethylbenzene	7.7	2.5	1	01/24/2017 01:43
1,3,5-Trimethylbenzene	2.6	2.5	1	01/24/2017 01:43
Vinyl Acetate	ND	18	1	01/24/2017 01:43
Vinyl Chloride	ND	1.3	1	01/24/2017 01:43

(Cont.)

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Schutze & Associates, Inc.	**WorkOrder:**	1701626
Date Received:	1/17/17 15:30	**Extraction Method:**	TO15
Date Prepared:	1/23/17-1/24/17	**Analytical Method:**	TO15
Project:	Tung/SCS539	**Unit:**	µg/m³

Volatile Organic Compounds

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SV-2-5	1701626-003A	SoilGas	01/13/2017 12:00	GC29	133045

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.13	24.22	AK

Analytes	Result	RL	DF	Date Analyzed
Xylenes, Total	28	6.6	1	01/24/2017 01:43
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	99	70-130		01/24/2017 01:43
Toluene-d8	101	70-130		01/24/2017 01:43
4-BFB	99	70-130		01/24/2017 01:43

Angela Rydelius, Lab Manager

ATTACHMENT C-1

Responsible Party & Assessor's Office Information

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #: 7011 3500 0003 1848 1394

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

ROGERS LATWUANIA S
360 17TH ST #204
OAKLAND, CA 94612-3340

Date First Reported: 11/19/2014
Substance: • 12 - Heater Fuel

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 ROGERS LATWUANIA S 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.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5752.

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 MATTHEW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #: 7011 3500 0003 1848 1387

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

RGG LLC ET AL.
360 17TH ST #204
OAKLAND, CA 94612-3340

Date First Reported: 11/19/2014
Substance: 12 – Heater Fuel
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 RGG LLC ET AL. 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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Please contact your caseworker MATTHILW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #: 7009 2820 0001 4359 6293

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

1607 2ND AVE LLC
4096 PIEDMONT AVE # 150
OAKLAND, CA 94611-5221

Date First Reported: 11/19/2014
Substance: • 12 – Heater Fuel
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 1607 2ND AVE LLC 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.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5752.

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 MATTHEW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #: 7011 3500 0003 1848 1370

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

WEINSTEIN RICHARD L & LINDA M TRUST ET AL.
C/O: WEINSTEIN RICHARD
360 17TH ST #204
OAKLAND, CA 94612-3340

Date First Reported: 11/19/2014
Substance: • 12 - Heater Fuel

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 WEINSTEIN RICHARD L & LINDA M TRUST ET AL. 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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Please contact your caseworker MATTHEW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

USEN IME ET AL.
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 – Heater Fuel

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 USEN IME ET AL. 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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Please contact your caseworker MATTHEW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

SOLOMON PRINCE
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 – Heater Fuel

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 SOLOMON PRINCE 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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Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

UZEGBU MARCEL
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 - Heater Fuel

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 UZEGBU MARCEL 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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Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

IGWEKA CHINAZAM
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 -- Heater Fuel

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 IGWEKA CHINAZAM 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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Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID:	**RO0003170**
Related ID:	**NA**
RWQCB ID:	**NA**
Global ID:	**T10000006756**

Responsible Party:

SMOCK CECILIA E
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 - Heater Fuel

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 SMOCK CECILIA E 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.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 341-5808 or telephone (916) 341-5752.

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 MATTHEW SOBY at this office at (510) 567-6725 if you have questions regarding your site.

Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action:	ADD
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

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

DELUCCHI JOHN S & DARLENE C
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 – Heater Fuel

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 DELUCCHI JOHN S & DARLENE C 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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Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
Reason: ADD

Attachment A: Responsible Parties Data Sheet

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
ALEX BRISCOE, Agency Director

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID:	**RO0003170**
Related ID:	**NA**
RWQCB ID:	**NA**
Global ID:	**T10000006756**

Responsible Party:

EPSTEIN ELIZABETH C &
GLESSER HANNAH & ABE ESTATE
ADDRESS UNKNOWN

Date First Reported:	11/19/2014
Substance:	• 12 – Heater Fuel
Funding for Oversight:	LOPS - LOP State Fund
Multiple RPs?:	Yes

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Ronald A Browder Date: 5-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action:	ADD
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

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

Certified Mail #:

May 11, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

Responsible Party:

EPSTEIN S B + ELIZABETH C +
GLESSER A + HANNAH
ADDRESS UNKNOWN

Date First Reported: 11/19/2014
Substance: • 12 - Heater fuel

Funding for Oversight: LOPS - LOP State Fund
Multiple RPs?: Yes

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Ronald Browder Date: 05-11-2015

RONALD BROWDER, Acting Director
Contract Project Director

Action: ADD
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

May 11, 2015

Site Name & Address:

SECOND AVENUE UST
1607 2ND AVENUE
OAKLAND, CA 94606

Local ID: RO0003170
Related ID: NA
RWQCB ID: NA
Global ID: T10000006756

All Responsible Parties

RP has been named a Primary RP – 1607 2ND AVE LLC

4096 PIEDMONT AVE # 150 | OAKLAND, CA 94611-5221 | Phone (510) 928-1026

RP has been named a Primary RP – WEINSTEIN RICHARD L & LINDA M TRUST ET AL.
C/O: WEINSTEIN RICHARD
360 17TH ST #204 | OAKLAND, CA 94612-3340 | No Phone Number Listed

RP has been named a Primary RP – RGG LLC ET AL.

360 17TH ST #204 | OAKLAND, CA 94612-3340 | No Phone Number Listed

RP has been named a Primary RP – ROGERS LATWUANIA S

360 17TH ST #204 | OAKLAND, CA 94612-3340 | No Phone Number Listed

RP has been named a Primary RP – USEN IME ET AL.

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – SOLOMON PRINCE

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – UZEGBU MARCEL

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – IGWEKA CHINAZAM

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – SMOCK CECILIA E

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – DELUCCHI JOHN S & DARLENE C

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – EPSTEIN ELIZABETH C & GLESSER HANNAH & ABE ESTATE

ADDRESS UNKNOWN | No Phone Number Listed

RP has been named a Primary RP – EPSTEIN S B + ELIZABETH C + GLESSER A + HANNAH

ADDRESS UNKNOWN | No Phone Number Listed

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
LUFT LOCAL OVERSIGHT PROGRAM

ATTACHMENT A - RESPONSIBLE PARTIES DATA SHEET

May 11, 2015

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."

ALAMEDA COUNTY ENVIRONMENTAL HEALTH
LUFT LOCAL OVERSIGHT PROGRAM

ATTACHMENT A - RESPONSIBLE PARTIES DATA SHEET

May 11, 2015

Existence of Unauthorized Release

One approximately 1,500-gallon underground storage tank (UST) and related subsurface product piping containing heating oil was excavated and removed from the site during November 2014. The UST was found to be in poor condition with visible holes. Soil discoloration and hydrocarbon odors were observed in the UST overburden soil and/or beneath the UST. Maximum petroleum hydrocarbon concentrations of 2.14 mg/kg total petroleum hydrocarbons as diesel (TPH-d), and 8.7 micrograms per kilogram (µg/kg) naphthalene were detected in the excavation samples collected during UST removal. A concentration of 307 mg/kg TPH-d and 345 µg/kg naphthalene was documented in the 4-point stockpile soil sample. These concentrations indicate an unauthorized release has occurred from the UST system at this site.

Responsible Party Identification

1607 2ND AVENUE LLC (now known as 1607 2nd AVE LLC), acquired title of the property in July 2012. 1607 2nd AVE LLC meets the definition of a responsible party for the site because it is the current owner of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

WEINSTEIN RICHARD L & LINDA M TRUST ET AL., acquired title of the property in December 2011. WEINSTEIN RICHARD L & LINDA M TRUST ET AL. meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

RGG LLC ET AL., acquired title of the property in August 2005. RGG LLC ET AL. meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

ROGERS LATWUANIA S, acquired title of the property in August 2005. ROGERS LATWUANIA S meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

USEN IME (now known as USEN IME ET AL.), acquired title of the property in July 2005. USEN IME ET AL. meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

SOLOMON PRINCE acquired title of the property in April 2003. SOLOMON PRINCE meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

UZEGBU MARCEL acquired title of the property in September 2001. UZEGBU MARCEL meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

IGWEKA CHINAZAM acquired title of the property in June 2000. IGWEKA CHINAZAM meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

SMOCK CECILIA E acquired title of the property in September 1997. SMOCK CECILIA E meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

DELUCCHI JOHN S & DARLENE C (individually or jointly) acquired title of the property in December 1980. DELUCCHI JOHN S & DARLENE C (individually or together) meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

EPSTEIN ELIZABETH C & GLESSER HANNAH & ABE ESTATE acquired title of the property in November 1971. EPSTEIN ELIZABETH C & GLESSER HANNAH & ABE ESTATE meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

EPSTEIN S B + ELIZABETH C + GLESSER A + HANNAH acquired title of the property in February 1962. EPSTEIN S B + ELIZABETH C + GLESSER A + HANNAH meets the definition of a responsible party for the site because they were owners of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred (Definition 3).

COUNTY OF ALAMEDA

Assessor's Office

Help

New Query

Property Value System

History | Value | Transfer | Map | Glossary

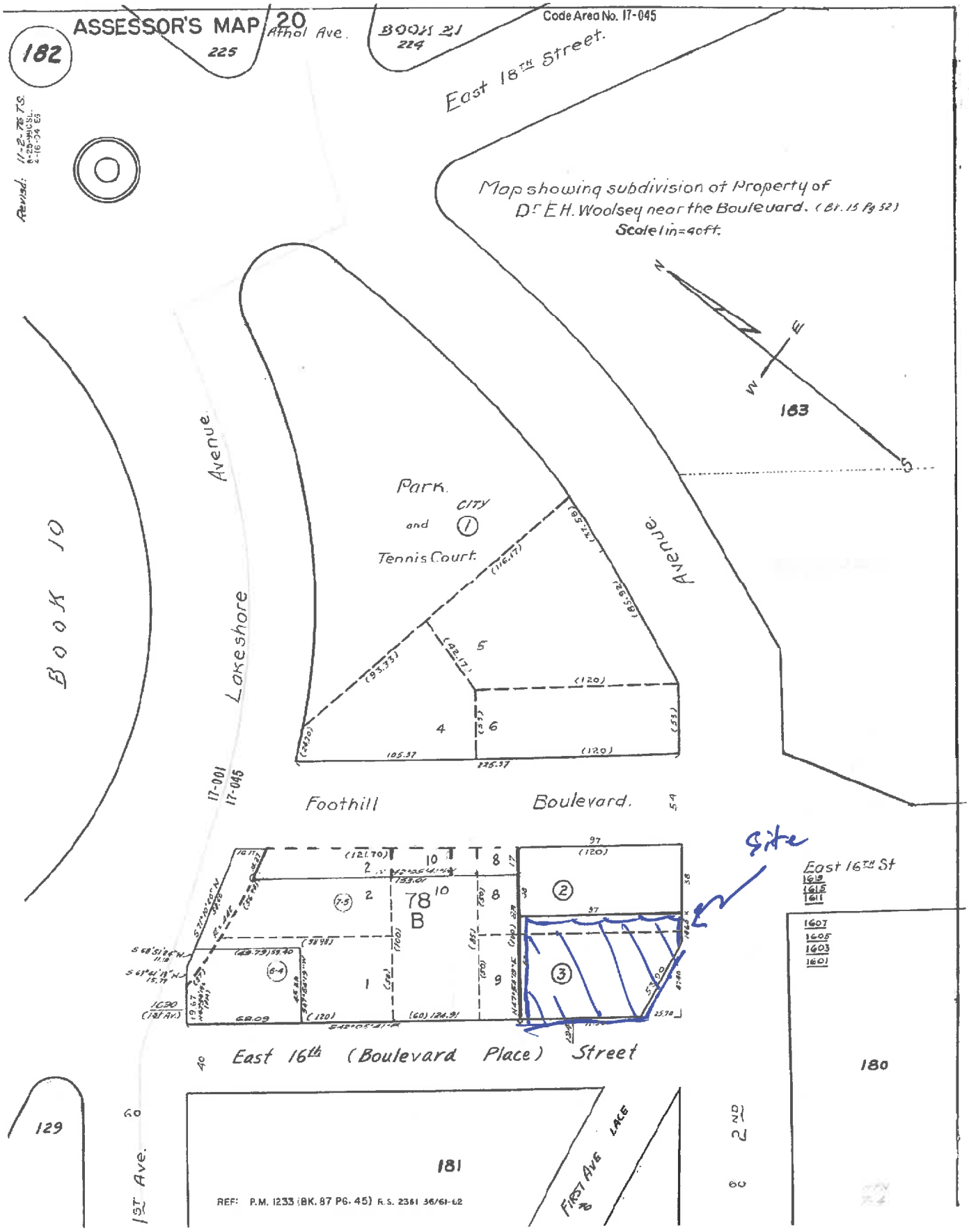
Parcel Number:**20-182-3** Inactive:**N** Lien Date:**01/01/2018** Owner:**1607 2ND AVE LLC**

Property Address: **1607 2ND AVE, OAKLAND, CA 94606-1713**

Current Mailing Address as of 04/21/2016: 1607 2ND AVE LLC, c/o PACIFIC SALES & MGMT., 425 7TH ST STE A, OAKLAND, CA 94607-3911

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
1607 2ND AVE LLC	List Owners	4096 PIEDMONT AVE # 150, OAKLAND, CA 94611-5221	01/23/2015	2015-15702		1	3200
1607 2ND AVE LLC	List Owners	4096 PIEDMONT AVE # 150, OAKLAND, CA 94611-5221	01/01/2013	TRAN-281450		1	3200
1607 2ND AVENUE LLC	List Owners	4096 PIEDMONT AVE # 150, OAKLAND, CA 94611-5221	07/17/2012	2012-227132	$1,168,000	1	3200
WEINSTEIN RICHARD L & LINDA M TRS ETAL c/o WEINSTEIN RICHARD	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/09/2011	2011-359932		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395161		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395160		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395159		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395158		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395157		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	12/24/2009	2009-395152		1	3200
RGG LLC ETAL	List Owners	360 17TH ST # 204, OAKLAND, CA 94612-3340	08/29/2005	2005-369770		1	3200
ROGERS LATWUANIA S & RGG LLC	List Owners	360 17TH ST # 204, OAKLAND, CA 94612	08/29/2005	2005-369769		1	3200
USEN IME ETAL	List Owners	PO BOX 16241 , OAKLAND, CA 94610	07/26/2005	2005-317188		1	3200
USEN IME	List Owners	PO BOX 16241 , OAKLAND, CA 94610	07/25/2005	2005-315287		1	3200
SOLOMON PRINCE	List Owners	30279 OAKBROOK RD , HAYWARD, CA 94544-6669	09/02/2003	2003-518520		1	3200
			04/16/2003			1	3200

SOLOMON PRINCE & UZEGBU MARCEL	List Owners	1607 2ND AVE , OAKLAND, CA 94606-1713		2003-222523			
UZEGBU MARCEL	List Owners	2666 GILL DR , CONCORD, CA 94520-2234	09/11/2001	2001-345520	$827,700	1	3200
IGWEKA CHINAZAM	List Owners	PO BOX 16241 , OAKLAND, CA 94610-6241	06/20/2000	2000-183403		1	3200
SMOCK CECILIA E	List Owners	250 MONTECITO AVE , OAKLAND, CA 94610-4376	09/29/1997	1997-254291		1	3200
DELUCCHI JOHN S & DARLENE C	List Owners	5725 HARBORD DR , OAKLAND, CA 94611-3162	09/22/1988	1988-240108		1	3200
DELUCCHI JOHN S c/o VALVA REALTY CO	List Owners	678 14TH ST , OAKLAND, CA 94612-1243	12/10/1980	1980-217594		1	3200
EPSTEIN ELIZABETH C & GLESSER HANNAH & ABE ESTATE	List Owners	1607 2ND AVE , OAKLAND, CA 94606-1713	11/24/1971	1971-155480		2	3200
EPSTEIN S B + ELIZABETH C + GLESSER A + HANNAH	List Owners	1607 2ND AVE , OAKLAND, CA 94606-1713	02/06/1962	AT-16460		1	3200



ATTACHMENT C-2

Site Configuration at Time of Closure


2nd Avenue UST
North corner of 2nd Ave & 16th St.
Legend
1607 2nd Ave
Athol Plaza
Google Earth
© 2018 Google
E 16th St
1607 2nd Ave
2nd Ave
Foothill Blvd
N
100 ft

ATTACHMENT D-1

Public Notification Fact Sheet & Distribution List

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
COLLEEN CHAWLA, Agency Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP) FOR
HAZARDOUS MATERIALS RELEASES
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

INVITATION TO COMMENT – POTENTIAL CASE CLOSURE

SECOND AVENUE UST
1607 2ND AVENUE, OAKLAND, CALIFORNIA
FUEL LEAK CASE RO0003170
GEOTRACKER GLOBAL ID T10000006756

April 28, 2018

The above referenced site is a fuel leak case that is under the regulatory oversight of the Alameda County Department of Environmental Health (ACDEH) Local Oversight Program for the investigation and cleanup of a release of petroleum hydrocarbons from an underground storage tank system. Site investigation and cleanup activities have been completed and the site has been evaluated in accordance with the State Water Resources Control Board Low-Threat Closure Policy. The site appears to meet all of the criteria in the Low-Threat Closure Policy. Therefore, ACDEH is considering closure of the fuel leak case.

The public is invited to review and comment on the potential closure of the fuel leak case. This notice is being sent to the current occupants and landowners of the site and adjacent properties and other known interested parties. The entire case file can be viewed over the Internet on the ACDEH 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). Please send written comments to Keith Nowell at the address below; all comments will be forwarded to the responsible parties. Comments received by **June 26, 2018** will be considered and responded to prior to a final determination on the proposed case closure.

If you have comments or questions regarding this site, please contact the ACDEH caseworker, Keith Nowell at 510-567-6746 or by email at keith.nowell@acgov.org. Please refer to ACDEH case RO0003170 in any correspondence.

Harry T. Tung
1607 2nd Ave., LLC
4096 Piedmont Ave. #150
Oakland, CA 94611

6/22/2018

Keith Nowell
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Keith,

This letter serves as the confirmation of distribution of the notice titled "INVITATION TO COMMENT – POTENTIAL CASE CLOSURE" to the recipients listed in the Public Notification Distribution List attached. Letters were mailed out by USPS on June 9, 2018, to all recipients except the two senior care facilities.

To ensure that the letters and instructions reached management of the senior care facilities, I hand delivered the letters to each facility. For Lakeside Senior Apartments (1507 2nd Ave.), I spoke with Moncena Campbell (property manager), who personally agreed to either post the letter on the community bulletin board or deliver a copy to each mailbox, whichever the upper management would approve. For Rose of Sharon Senior Homes, I spoke with Rose Marie Jackson (property manager), who also agreed to either post on the community bulletin board or deliver a copy to each mailbox depending on what their upper management decided. I let both managers know that our preference was for each tenant to receive a copy, which they acknowledged.

Attached is the list that was used to generate the mailing labels. The return address was your name and address at 1131 Harbor Bay Parkway.

Please let me know if you require anything further at this time. We look forward to case closure soon. Thank you for your assistance with this process, Keith.

Regards,

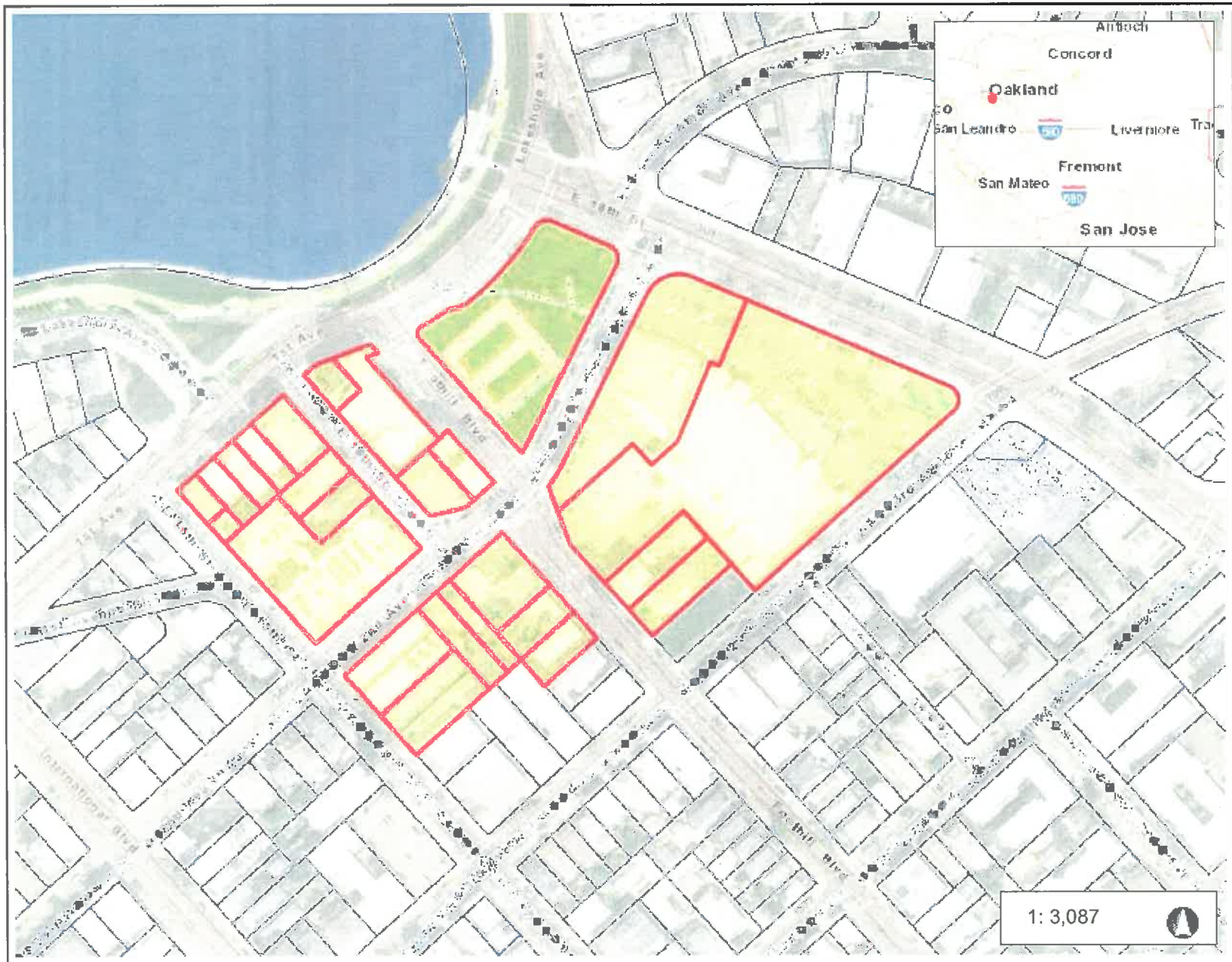
Harry T. Tung
1607 2nd Ave., LLC
510-388-4817 direct

Parcel_APN	Name	Address	Unit	City	Zip	Zip_4
20-180-1	OCCUPANT	211 FOOTHILL BLVD	#A	OAKLAND CA	94606	
20-180-1	OCCUPANT	211 FOOTHILL BLVD	#B	OAKLAND CA	94606	
20-180-1	OCCUPANT	211 FOOTHILL BLVD	#C	OAKLAND CA	94606	
20-180-1	CHOW WAN K TR	989 WEBSTER ST	#349	OAKLAND CA	94607	4285
20-180-10-1	OCCUPANT	220 E 15TH ST	#1	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#2	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#3	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#4	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#5	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#6	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#7	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#8	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#9	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#10	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#11	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#12	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#13	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#14	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#15	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#16	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#17	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#18	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#19	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#20	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#21	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#22	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#23	OAKLAND CA	94606	
20-180-10-1	OCCUPANT	220 E 15TH ST	#24	OAKLAND CA	94606	
20-180-10-1	2ND AVENUE APARTMENTS LLC	2572 21ST ST		SACRAMENTO CA	95818	2523
20-180-10-2	OCCUPANT	200 E 15TH ST	#1	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#2	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#3	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#4	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#5	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#6	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#7	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#8	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#9	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#10	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#11	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#12	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#13	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#14	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#15	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#16	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#17	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#18	OAKLAND CA	94606	

20-180-10-2	OCCUPANT	200 E 15TH ST	#19	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#20	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#21	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#22	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#23	OAKLAND CA	94606	
20-180-10-2	OCCUPANT	200 E 15TH ST	#24	OAKLAND CA	94606	
20-180-11	OCCUPANT	1530 2ND AVE		OAKLAND CA	94606	
20-180-11	OCCUPANT	1532 2ND AVE		OAKLAND CA	94606	
20-180-11	COLIN MARK R & BARBARA A TRS	5201 MASONIC AVE		OAKLAND CA	94618	2631
20-180-12	OCCUPANT	1534 2ND AVE		OAKLAND CA	94606	
20-180-12	OCCUPANT	1536 2ND AVE		OAKLAND CA	94606	
20-180-12	BENEVEDES EILEEN L	2074 DALTON WAY		UNION CITY CA	94587	
20-180-2	OCCUPANT	217 FOOTHILL BLVD		OAKLAND CA	94606	
20-180-2	OCCUPANT	219 FOOTHILL BLVD		OAKLAND CA	94606	
20-180-2	OCCUPANT	221 FOOTHILL BLVD		OAKLAND CA	94606	
20-180-2	OCCUPANT	223 FOOTHILL BLVD		OAKLAND CA	94606	
20-180-2	LAGIOS MARKOS J & ATHENA M TRS	505 WESTFIELD WAY		OAKLAND CA	94619	2341
20-180-3	OCCUPANT	231 FOOTHILL BLVD	#A	OAKLAND CA	94606	
20-180-3	OCCUPANT	231 FOOTHILL BLVD	#B	OAKLAND CA	94606	
20-180-3	OCCUPANT	231 FOOTHILL BLVD	#C	OAKLAND CA	94606	
20-180-3	OCCUPANT	231 FOOTHILL BLVD	#D	OAKLAND CA	94606	
20-180-3	AUBURN PACIFIC GROUP LLC	PO BOX 471795		SANFRANCISCO CA	94147	1795
20-181-1	OCCUPANT	105 E 16TH ST		OAKLAND CA	94606	
20-181-1	FIRST & 16 LP	2240 BLAKE ST	99	BERKELEY CA	94704	2754
20-181-12	TON VANSON & JULIE M	1520 1 ST AVE		OAKLAND CA	94606	1694
20-181-12	OCCUPANT	1520 1 ST AVE	#1	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#2	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#3	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#4	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#5	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#6	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#7	OAKLAND CA	94606	
20-181-12	OCCUPANT	1520 1 ST AVE	#8	OAKLAND CA	94606	
20-181-14	KACHADOURIAN KEVIN G ETAL	1508 1 ST AVE		OAKLAND CA	94606	1667
20-181-14	OCCUPANT	1508 1 ST AVE	#1	OAKLAND CA	94606	
20-181-14	OCCUPANT	1508 1 ST AVE	#2	OAKLAND CA	94606	
20-181-14	OCCUPANT	1508 1 ST AVE	#3	OAKLAND CA	94606	
20-181-14	OCCUPANT	1508 1 ST AVE	#4	OAKLAND CA	94606	
20-181-15	E B HOUSES LLC	105 STEPHANIE CT		ALAMO CA	94507	1227
20-181-15	OCCUPANT	1516 1ST AVE	#1	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#2	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#3	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#4	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#5	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#6	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#7	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#8	OAKLAND CA	94606	
20-181-15	OCCUPANT	1516 1ST AVE	#9	OAKLAND CA	94606	

20-181-15	OCCUPANT	1516 1ST AVE	#10	OAKLAND CA	94606		
20-181-15	OCCUPANT	1516 1ST AVE	#11	OAKLAND CA	94606		
20-181-15	OCCUPANT	1516 1ST AVE	#12	OAKLAND CA	94606		
20-181-16-1	Lakeside Senior Apartmen	1507 2ND AVE		OAKLAND CA	94606		Att: Moncena Campbell
20-181-16-1	CITY OF OAKLAND HOUSING	1801 HARRISON ST	2ND	OAKLAND CA	94612	3465	
20-181-17	OCCUPANT	100 E 15TH ST	#A	OAKLAND CA	94606		
20-181-17	OCCUPANT	100 E 15TH ST	#B	OAKLAND CA	94606		
20-181-17	OCCUPANT	100 E 15TH ST	#C	OAKLAND CA	94606		
20-181-17	OCCUPANT	100 E 15TH ST	#D	OAKLAND CA	94606		
20-181-17	CHI ANTHONY & ROSE	6131 ARLINGTON BLVD		RICHMOND CA	94805	1203	
20-181-18	WU STEVEN &LILY F TRS	112 E 15TH ST		OAKLAND CA	94606	1717	
20-181-18	OCCUPANT	114 E 15TH ST		OAKLAND CA	94606		
20-181-2	OCCUPANT	115 E 16TH ST		OAKLAND CA	94606		
20-181-2	OCCUPANT	117 E 16TH ST		OAKLAND CA	94606		
20-181-2	OCCUPANT	119 E 16TH ST		OAKLAND CA	94606		
20-181-2	OCCUPANT	121 E 16TH ST		OAKLAND CA	94606		
20-181-2	ASHCO	385 GRAND AVE	200	OAKLAND CA	94610	4816	
20-181-3	PEPER DAVE & MARK	125 E 16TH ST	A	OAKLAND CA	94606	1720	
20-181-3	OCCUPANT	127 E 16TH ST		OAKLAND CA	94606		
20-182-1	CITY OF OAKLAND	250 FRANK H OGAWA PLZ	4	OAKLAND CA	94612	20 10	
20-182-2	OCCUPANT	1615 2ND AVE	#1	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#2	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#3	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#4	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#5	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#6	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#7	OAKLAND CA	94606		
20-182-2	OCCUPANT	1615 2ND AVE	#8	OAKLAND CA	94606		
20-182-2	PARK DENNY TR	7 JORDAN E		IRVINE CA	92612	2332	
20-182-3	OCCUPANT	1601 2ND AVE		OAKLAND CA	94606		
20-182-3	OCCUPANT	1603 2ND AVE		OAKLAND CA	94606		
20-182-3	OCCUPANT	1605 2ND AVE		OAKLAND CA	94606		
20-182-3	OCCUPANT	1607 2ND AVE		OAKLAND CA	94606		
20-182-3	1607 2ND AVE LLC	425 7TH ST	A	OAKLAND CA	94607	3911	
20-182-64	OCCUPANT	1630 LAKESHORE AVE		OAKLAND CA	94606		
20-182-6-4	ROSE OF SHARON SENIOR	1600 LAKESHORE AVE		OAKLAND CA	94606	1664	Attn: Rose Marie Jackson
20-182-7-5	OCCUPANT	118 E 16THST		OAKLAND CA	94606		
20-182-7-5	ROSE SHARON PARTNERS LP	1350 COLUMBIA ST	802	SAN DIEGO CA	92101	3456	
20-183-3	LE KEVIN	238 FOOTHILL BLVD		OAKLAND CA	94606	1723	
20-1834	OCCUPANT	232 FOOTHILL BLVD	#1	OAKLAND CA	94606		
20-1834	OCCUPANT	232 FOOTHILL BLVD	#2	OAKLAND CA	94606		
20-1834	OCCUPANT	232 FOOTHILL BLVD	#3	OAKLAND CA	94606		
20-1834	OCCUPANT	232 FOOTHILL BLVD	#4	OAKLAND CA	94606		
20-1834	OCCUPANT	232 FOOTHILL BLVD	#5	OAKLAND CA	94606		
20-1834	OCCUPANT	232 FOOTHILL BLVD	#6	OAKLAND CA	94606		
20-1834	CHEUNG MICHAEL & HELEN TRS	3 LA SALLE AVE		PIEDMONT CA	94611	3530	
20-183-6-3	Lucky's Supermarket	247 E 18TH ST		OAKLAND CA	94606		
	ALAMEDIA COUNTY CERTI	1131 HARBOR BAY PARKWAY		ALAMEDA CA	94502	ATTN: SUSAN HUGO	susan.hugo@acgov.org

	SF BAY REGIONAL WATER	1515 CLAY ST	STE 14	OAKLAND CA	94612	ATTN: LAURENT MEILLIER	laurent.meillier@waterboards.ca.gov
	OAKLAND PUBLIC WORKS	250 FRANK H OGAWA PLZ	#5301	OAKLAND CA	94612	ATTN: Mark Arniola	marniola@oaklandnet.om
	EAST BAY MUNICIPAL UTII	PO BOX 24055	MS 70:	OAKLAND CA	94623	ATTN: CHANDRA JOHANNES	cjohanne@ebmud.com
	OCCUPANT	1611 2ND AVE		OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#1	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#2	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#3	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#4	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#5	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#6	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#7	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#8	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#9	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#10	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#11	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#12	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#14	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#15	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#16	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#17	OAKLAND CA	94606		
	OCCUPANT	134 E16TH ST.	#18	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#201	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#202	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#203	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#204	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#301	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#302	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#303	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#304	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#401	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#402	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#403	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#404	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#501	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#502	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#503	OAKLAND CA	94606		
	OCCUPANT	1524 1ST AVE	#504	OAKLAND CA	94606		
20-183-6-2	MERRITT STREET LLC	480 3RD ST		OAKLAND CA	94607	3834	



Legend

- Parcels
- World Street Map

Notes

Notes

RO0003170- 2nd Ave. UST
PN Parcel Selection List
250-foot radius

514.6 0 257.28 514.6 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

ATTACHMENT E

Attachment E-1: List of Attachments

Attachment E-2: List of Acronyms & Symbols

ATTACHMENT E-1

LIST OF ATTACHMENTS

A	**LTCP Evaluation**
A-1	Geotracker LTCP Evaluation Checklist
A-2	Site Conceptual Model Summary
A-3	LTCP Media Specific Evaluation for Groundwater
A-4	LTCP Media Specific Evaluation for Vapor Intrusion
A-5	LTCP Media Specific Evaluation for Direct Contact and Outdoor Air Exposure
B	**Site Investigation Data**
B-1	Site Vicinity & Site Maps with Sampling Locations,
B-2	Preferential Pathways & Sensitive Receptor Survey Data
B-3	Boring Logs
B-4	Groundwater Data
B-5	Soil Data
B-6	Soil Vapor Data
C	**Responsible Party and Property Information**
C-1	Responsible Party & Assessor's Office Property Information, Site Configuration at Time of Case Closure
C-2	Site Configuration at Time of Case Closure
D	**Case Closure Public Notification Information**
D-1	Public Notification Fact Sheet & Distribution List
E	**Closure Form Keys**
E-1	List of Attachments
E-2	List of Acronyms & Symbols

ATTACHMENT E-2

Acronym or Symbol	Description
ACDEH	Alameda County Department of Environmental Health
APN	Assessor Parcel Number
BaPe	benzo(a)pyrene toxicity equivalent
BTEX	benzene, toluene, ethylbenzene, xylenes
EDB	ethylene dibromide or 1,2-dichloroethane (1,2-DCA)
EDC	ethylene dichloride
CEG	Certified Engineering Geologist
Cd	cadmium
Cr	chromium
c/o	care of
DIPE	di-isopropyl ether
DTSC	California Department of Toxic Substances Control
dtw	Depth to water
ECs	engineering controls
EPA	Environmental Protection Agency
ETBE	ethyl tert butyl ether
EtOC	ethanol
ft bgs	feet below ground surface
GW	groundwater
IA	indoor air
ICs	institutional controls
ID	Identification
K	1,000
LOP	Local Oversight Program
LTCP	State Water Resources Control Board's Low Threat Closure Policy
LUST	Leaking Underground Storage Tank
MTBE/TBA	methyl tert butyl either/t-butyl alcohol
N	napthalene
Ni	nickel
NA	not analyzed
NR	not required
OA	outdoor air

LIST OF ACRONYMS & SYMBOLS (CONTINUED)

Acronym or Symbol	Description
Pb	lead
PCBs	polychlorinated biphenyls
PE	California Professional Engineer
PG	California Professional Geologist
S	soil
SCP	Site Cleanup Program
SS	sub-slab vapor
SV	soil vapor
SVOCs	semi volatile organic compounds
SW	surface water
TAME	tert amyl methyl ether
TPHbo	total petroleum hydrocarbons as bunker oil
TPHd	total petroleum hydrocarbons as diesel
TPHg	total petroleum hydrocarbons as gasoline
TPHho	total petroleum hydrocarbons as hydraulic oil
TPHjf	total petroleum hydrocarbons as jet fuel
TPHk	total petroleum hydrocarbons as kerosene
TPHmo	total petroleum hydrocarbons as motor oil
TPHss	total petroleum hydrocarbons as stoddard solvent
UST	underground storage tank
VOCs	volatile organic compounds
Zn	zinc
mg/kg	milligrams per kilogram
ug/L	microgram per liter
ug/m3	microgram per cubic meter
>, <, ≥	greater than, less than, or greater than or equal to
%	percent