ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
REBECCA GEBHART, Interim Director

DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

March 29, 2017

Archstone Emeryville Residential, LLC
C/O EQR – Tax Dept.
P.O. Box 87407
Chicago, IL 60680

Archstone Emeryville Residential LLC
7 Giralda Farms
Madison, NJ 07940

API Emeryville Parkside, LLC
c/o Lehman Brothers Holdings
Attn: Joelle Halperin
1271 Avenue of the Americas
New York, NY 10020

API Emeryville Parkside, LLC
C/O Archstone - Smith
Attn: Salt Dept.
9200 E. Panorama Circle, Suite 400
Englewood, CO 80112

Subject: Case Closure for Fuel Leak Case No. RO0003109 and GeoTracker Global ID T1000000444, API Emeryville Parkside - UST, 1342 Stanford Avenue, Emeryville, CA 94608

Dear Ladies and Gentlemen:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with Chapter 6.75 (Article 4, Section 25296.10[g]). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Department of Environmental Health (ACDEH) is required to use this case closure letter for all UST leak sites.

We are also transmitting to you the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported release at the subject site. The subject fuel leak case is closed. This case closure letter and the case closure summary can also be viewed on the State Water Resources Control Board's Geotracker website (http://geotracker.waterboards.ca.gov) and the Alameda County Department of Environmental Health website (http://www.acgov.org/aceh/index.htm).

Due to residual contamination, the site was closed with Site Management Requirements that limit future land use to the current land use as a parking lot. Site Management Requirements are further described in Additional Information of the attached Case Closure Summary.

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

Sincerely,

Dilan Roe, P.E.
Chief

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

Cc w/enc.:

Laurent Meillier, San Francisco Bay Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612; (Sent via electronic mail to: Laurent.Meillier@waterboards.ca.gov)

Michael Roberts, City of Emeryville, Public Works Department, 1333 Park Avenue, Emeryville CA 94608; (Sent via electronic mail to: mroberts@emeryville.org)

City of Emeryville; Planning Division, 1333 Park Avenue, Emeryville CA 94608

City of Emeryville, Nancy Humphrey, Environmental Programs Supervisor, 1333 Park Avenue, Emeryville CA 94608; (Sent via electronic mail to: nhumphrey@emeryville.org)

EQR, Inc., c/o Ms. Rebecca Becker, Assistant Vice President, Environmental, Two N. Riverside Plaza, Suite 400, Chicago, IL 60606-2609; (Sent via electronic mail to: rbecker@eqr.com)

EQR, Inc, c/o Mr. Roland Galindo, Development Director, Two N. Riverside Plaza, Suite 400, Chicago, IL 60606-26009

Archstone Emeryville Residential LLC, c/o Mr. Jim Kelly, First Vice President – Development, Equity Residential, 333 Third Street, Suite 210, San Francisco, CA 94107

Peter Cusack, Langan Treadwell Rollo, 555 Montgomery Street, Suite 1300, San Francisco, CA 94111, (Sent via electronic mail to: pcusack@langan.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)
Mark Detterman, ACDEH, (Sent via electronic mail to: mark.detterman@acgov.org)
Electronic File; GeoTracker

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
REBECCA GEBHART, Interim Director

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LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

REMEDIAL ACTION COMPLETION CERTIFICATION

March 29, 2017

Archstone Emeryville Residential, LLC
C/O EQR – Tax Dept.
P.O. Box 87407
Chicago, IL 60680

Archstone Emeryville Residential LLC
7 Giralda Farms
Madison, NJ 07940

API Emeryville Parkside, LLC
c/o Lehman Brothers Holdings
Attn: Joelle Halperin
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New York, NY 10020

API Emeryville Parkside, LLC
C/O Archstone - Smith
Attn: Salt Dept.
9200 E. Panorama Circle, Suite 400
Englewood, CO 80112

Subject: Case Closure for Fuel Leak Case No. RO0003109 and GeoTracker Global ID T1000000444, API Emeryville Parkside - UST, 1342 Stanford Avenue, Emeryville, CA 94608

Dear Ladies and Gentlemen:

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

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

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

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

This notice is issued pursuant to subdivision (g) of Section 25296.10 of the Health and Safety Code. Please contact our office if you have any questions regarding this matter.

Sincerely,

Ronald Browder

Ronald Browder
Director

Underground Storage Tank
Case Closure Summary Form

Agency Information

Date: March 29, 2017

Alameda County Department of Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Case Worker: Mark Detterman	Title: Senior Hazardous Materials Specialist

Case Information

Facility Name: API Emeryville Parkside UST		
Facility Address: 1342 Stanford Avenue, Emeryville, CA 94608		
Regional Water Board LUSTIS Case No: ----	Former ACDEH Case No.: ----	Current LOP Case No.: RO0003109
Unauthorized Release Form Filing Date: ----	State Water Board GeoTracker Global ID: T10000006444	
Assessor Parcel Number: 49-1317-1-1	Current Land Use: Residential	
Responsible Party(s):	Address:	Phone:
Archstone Emeryville Residential LLC c/o EQR – Tax Dept.	PO Box 87407, Chicago, IL 60680	----
Archstone Emeryville Residential LLC	7 Giralda Farms Madison, NJ 07940	----
API Emeryville Parkside c/o Lehman Brothers Holdings Atten: Joelle Halperin	1271 Avenue of the Americas New York, NY 10020	----
API Emeryville Parkside LLC c/o Archstone – Smith Attn: Salt Dept.	9200 E. Panorama Circle, Suite 400 Englewood, CO 80112	----

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place / Removed	Date
---	6,000 gallon	Heating oil	Removed	September 11, 2012

Underground Storage Tank
Case Closure Summary Form

Site Closure Evaluation Summary

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). This site does not meet this LTCP criterion due to non-detectable Poly-Aromatic Hydrocarbons (PAHs) above LTCP Table 1 values in the 0 to 5 foot depth interval. Although case closure is granted for the current residential land use, the former UST was located on public lands currently used as a parking lot. Any redevelopment of the parking lot to other than current use as a parking lot, will require a re-evaluation of the residual contamination and the case. ACDEH has made the determination that residual PAH concentrations beneath the asphalt paving at the site do not represent a direct contact health risk to residents; however, to preclude residential exposure to PAH concentrations above identified LTCP goals, should redevelopment of the parking lot occur ACDEH must be contacted in advance and site data be re-evaluated.

Site Management Requirements

Case closure is granted for the current residential land use.

Due to residual subsurface contamination remaining at the site, if any redevelopment occurs, or if a change in land use to residential, or other conservative land use, ACDEH must be notified as required by Government Code Section 65850.2.

Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

This site is to be entered into the City of Emeryville Permit Tracking System due to the residual contamination on site.

Institutional Controls

Not Applicable

Engineering Controls

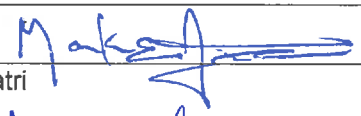
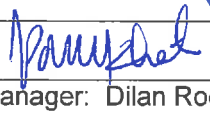
Not Applicable

Case Closure Public Notification Information

Underground Storage Tank
Case Closure Summary Form

Agency Type	Agency Name	Contact Information
Regional Water Board	San Francisco Bay	Laurent Meillier 1515 Clay Street, Suite 1400, Oakland, CA 94612
Municipal and County Water Districts	East Bay Municipal Utility District	Chandra Johannesson P.O. Box 24055, MS 702 Oakland, CA 94623
Water Replenishment Districts	Not Applicable	----
Groundwater Basin Managers	Not Applicable	----
Planning Agency	City of Emeryville	City of Emeryville Planning Division 1333 Park Avenue Emeryville, CA 94608
Public Works Agency	City of Emeryville	Michael Roberts City of Emeryville Public Works Division 1333 Park Avenue Emeryville, CA 94608
Owners and Occupants of Property and Adjacent Parcels	See List in Attachment 7	----

Local Agency Signatures

Case Worker: Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 3/29/2017
Paresh Khatri	Title: LOP Supervisor
Signature: 	Date: 3/29/2017
Program Manager: Dilan Roe	Title: Chief, Land Water Division
Signature: 	Date: 3/29/2017

This Case Closure Summary along with the Case Closure Transmittal letter and the Remedial Action Completion Certification provides documentation of the case closure. This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions. The Conceptual Site Model may not contain all available data. Additional information on the case can be viewed in the online case file. The entire case file can be viewed over the Internet on the Alameda County Department of Environmental Health (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). Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the ACDEH website.

Geotracker Conceptual Site Model (Attachment 1, 1 page)
Geotracker LTCP Checklist (Attachment 2, 1 page)
Groundwater Evaluation and Data (Attachment 3, 9 pages)
Vapor Intrusion Evaluation and Data (Attachment 4, 2 pages)
Soil Evaluation and Data (Attachment 5, 18 pages)
Responsible Party Information (Attachment 6, 9 pages)
Case Closure Public Notification Information (Attachment 7, 3 pgs)

ATTACHMENT 1

GEOTRACKER | Regulator Tools | Reports | Other Tools | GAMA | Contact | Logout | Quick Search

API EMERYVILLE PARKSIDE UST (T10000006444) - MAP THIS SITE

PUBLIC PAGE

1342 STANFORD AVENUE
EMERYVILLE , CA 94608
ALAMEDA COUNTY
LUST CLEANUP SITE
STATUS: OPEN - ELIGIBLE FOR CLOSURE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0003109* - *MARK DETTERMAN*
SAN FRANCISCO BAY RWQCB (REGION 2)

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

THIS PROJECT WAS LAST MODIFIED BY *MARK DETTERMAN* ON 3/29/2017 11:52:37 AM - HISTORY

CSM REPORT - VIEW PUBLIC NOTICING VERSION OF THIS REPORT

UST CLEANUP FUND CLAIM INFORMATION (DATA PULLED FROM SCUFIIS)

CLAIM NO	PRIORITY	CLAIMANT	SITE ADDRESS	AMT REIMB TO DATE	AGE OF LOC	IMPACTED WELLS?	FIVE YEAR REVIEW INFORMATION: REVIEW NUM	REVIEWER	FUND RECOMMENDATION	TO OVERSIGHT DATE	TO CLAIMANT DATE

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

SITE NAME / ADDRESS	STATUS	STATUS DATE	RELEASE REPORT DATE	AGE OF CASE	CLEANUP OVERSIGHT AGENCIES
API EMERYVILLE PARKSIDE UST (Global ID: T10000006444) 1342 STANFORD AVENUE EMERYVILLE, CA 94608	Open - Eligible for Closure	8/27/2015	9/11/2012	5	ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0003109* ***CASEWORKER:*** *MARK DETTERMAN* - ***SUPERVISOR:*** *DILAN ROE* SAN FRANCISCO BAY RWQCB (REGION 2)

STAFF NOTES (INTERNAL)
Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Department of Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

SITE HISTORY
On September 11, 2012 one approximately 6,000-gallon single-walled steel heating oil underground storage tank (UST) was removed from the site. Two soil samples were collected beneath the UST at a depth of 12 feet below surface grade (bgs), and four sidewall samples were collected at 4.5 or 6.0 feet bgs. Up to 200 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd) and 360 mg/kg TPH as motor oil (TPHmo) were detected. Groundwater was not encountered in the UST excavation.

This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). This site does not meet this LTCP criterion due to non-detectable Poly-Aromatic Hydrocarbons (PAHs) above LTCP Table 1 values in the 0 to 5 foot depth interval. Although case closure is granted for the current residential land use, the former UST was located on public lands currently used as a parking lot. Any redevelopment of the parking lot to other than current use as a parking lot, will require a re-evaluation of the residual contamination and the case. ACDEH has made the determination that residual PAH concentrations beneath the asphalt paving at the site do not represent a direct contact health risk to residents; however, to preclude residential exposure to PAH concentrations above identified LTCP goals, should redevelopment of the parking lot occur ACDEH must be contacted in advance and site data be re-evaluated.

Case closure is granted for the current residential land use. Due to residual subsurface contamination remaining at the site, if any redevelopment occurs, or if a change in land use to residential, or other conservative land use, ACDEH must be notified as required by Government Code Section 65850.2. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities. This site is to be entered into the City of Emeryville Permit Tracking System due to the residual contamination on site.

Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Department of Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

RESPONSIBLE PARTIES

NAME	ORGANIZATION	ADDRESS	CITY	EMAIL
C/O: EQR-TAX DEPT	ARCHSTONE EMERYVILLE RESIDENTIAL LLC	PO BOX 87407	CHICAGO	
C/O: LEHMAN BROTHERS HOLDINGS, ATTN: JOELLE HALPERIN	API EMERYVILLE PARKSIDE	1271 AVENUE OF THE AMERICAS	NEW YORK	
DAN EMERSON	API EMERYVILLE PARKSIDE LLC	807 BROADWAY SUITE 210	OAKLAND	
DANIEL EMERSON	ARCHSTONE	807 BROADWAY STREET SUITE 210	OAKLAND	
Jim Kelly	ARCHSTONE EMERYVILLE RESIDENTIAL LLC	7 GIRALDA FARMS	MADISON	
REBECCA BECKER	EQR / Equity Residential	TWO N. RIVERSIDE PLAZA, SUITE 400	CHICAGO	
ROLAND GALINDO	EQR / Equity Residential	TWO N. RIVERSIDE PLAZA, SUITE 400	CHICAGO	

CLEANUP ACTION INFO

NO CLEANUP ACTIONS HAVE BEEN REPORTED

RISK INFORMATION

VIEW LTCP CHECKLIST | VIEW PATH TO CLOSURE PLAN | VIEW CASE REVIEWS

CONTAMINANTS OF CONCERN	CURRENT LAND USE	BENEFICIAL USE	DISCHARGE SOURCE	DATE REPORTED	STOP METHOD	NEARBY / IMPACTED WELLS
Heating Oil / Fuel Oil	Commercial, Residential		Tank	9/11/2012	Close and Remove Tank	0

FREE PRODUCT	OTHER CONSTITUENTS	NAME OF WATER SYSTEM	LAST REGULATORY ACTIVITY	LAST ESI UPLOAD	LAST EDF UPLOAD	EXPECTED CLOSURE DATE	MOST RECENT CLOSURE REQUEST
NO	NO	EBMUD	12/6/2016	12/6/2016	12/6/2016		

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
049 104106800	Santa Clara Valley - East Bay Plain (2-9.04)	Bay Bridges - Berkeley (203.30)

COUNTY: Alameda

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

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE

VIEW ESI SUBMITTALS

NO GROUNDWATER DATA HAS BEEN SUBMITTED TO GEOTRACKER ESI FOR THIS SITE

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
SP-1-4	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-E	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-EW	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-NW	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-SW	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-W	9/11/2012		ND	ND	ND	ND	ND	ND
TANK1-WW	9/11/2012		ND	ND	ND	ND	ND	ND

MOST RECENT GEO_WELL DATA - HIDE

VIEW ESI SUBMITTALS

NO GEO_WELL DATA HAS BEEN SUBMITTED TO GEOTRACKER ESI FOR THIS SITE

ATTACHMENT 2

LTCP Checklist Go

GEOTRACKER HOME | MANAGE PROJECTS | REPORTS | SEARCH | LOGOUT

API EMERYVILLE PARKSIDE UST (T10000006444) - MAP THIS SITE — OPEN - ELIGIBLE FOR CLOSURE

1342 STANFORD AVENUE
EMERYVILLE , CA 94608
ALAMEDA COUNTY

VIEW PRINTABLE CASE SUMMARY FOR THIS SITE

ACTIVITIES REPORT
PUBLIC WEBPAGE

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP (LEAD) - CASE #: RO0003109
CASEWORKER: MARK DETTERMAN - SUPERVISOR: DILAN ROE
SAN FRANCISCO BAY RWQCB (REGION 2)

CR Site ID #: N

THIS PROJECT WAS LAST MODIFIED BY MARK DETTERMAN ON 12/4/2015 4:24:51 PM - HISTORY

CLOSURE POLICY — THIS VERSION IS FINAL AS OF 12/4/2015 — CHECKLIST UPDATED ON 12/4/2015 — 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?
Name of Water System : EBMUD — • YES ○ NO

b. The unauthorized release consists only of petroleum (info). — • YES ○ NO

c. The unauthorized ("primary") release from the UST system has been stopped. — • YES ○ NO

d. Free product has been removed to the maximum extent practicable (info). — • FP Not Encountered ○ YES ○ NO

e. A conceptual site model that assesses the nature, extent, and mobility of the release has been developed (info). — • YES ○ NO

f. Secondary source has been removed to the extent practicable (info). — • YES ○ NO

g. Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code Section 25296.15. — ○ Not Required • YES ○ NO

h. Does a nuisance exist, as defined by Water Code section 13050 — ○ YES • NO

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

EXEMPTION - Soil Only Case (Release has not Affected Groundwater - Info) — ○ YES • NO

Does the site meet any of the Groundwater specific criteria scenarios? — • YES ○ NO

1.5 - The regulatory agency determines, based on an analysis of site specific conditions, that the site under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. — • 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 — YES

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

2c - Petroleum Vapor Intrusion to Indoor Air - The regulatory agency has determined petroleum vapors migrating from soil or groundwater 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. — • YES ○ NO

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

3.3 - The regulatory agency has determined the concentration of petroleum constituents in soil will have no significant risk or adversely affect human health. — • YES ○ NO

Additional Information

This case should be kept OPEN in spite of meeting policy criteria. — ○ YES • NO

Has this LTCP Checklist been updated for FY 15/16? — • YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

LOGGED IN AS MARKDETT — CONTACT GEOTRACKER HELP

ATTACHMENT 3

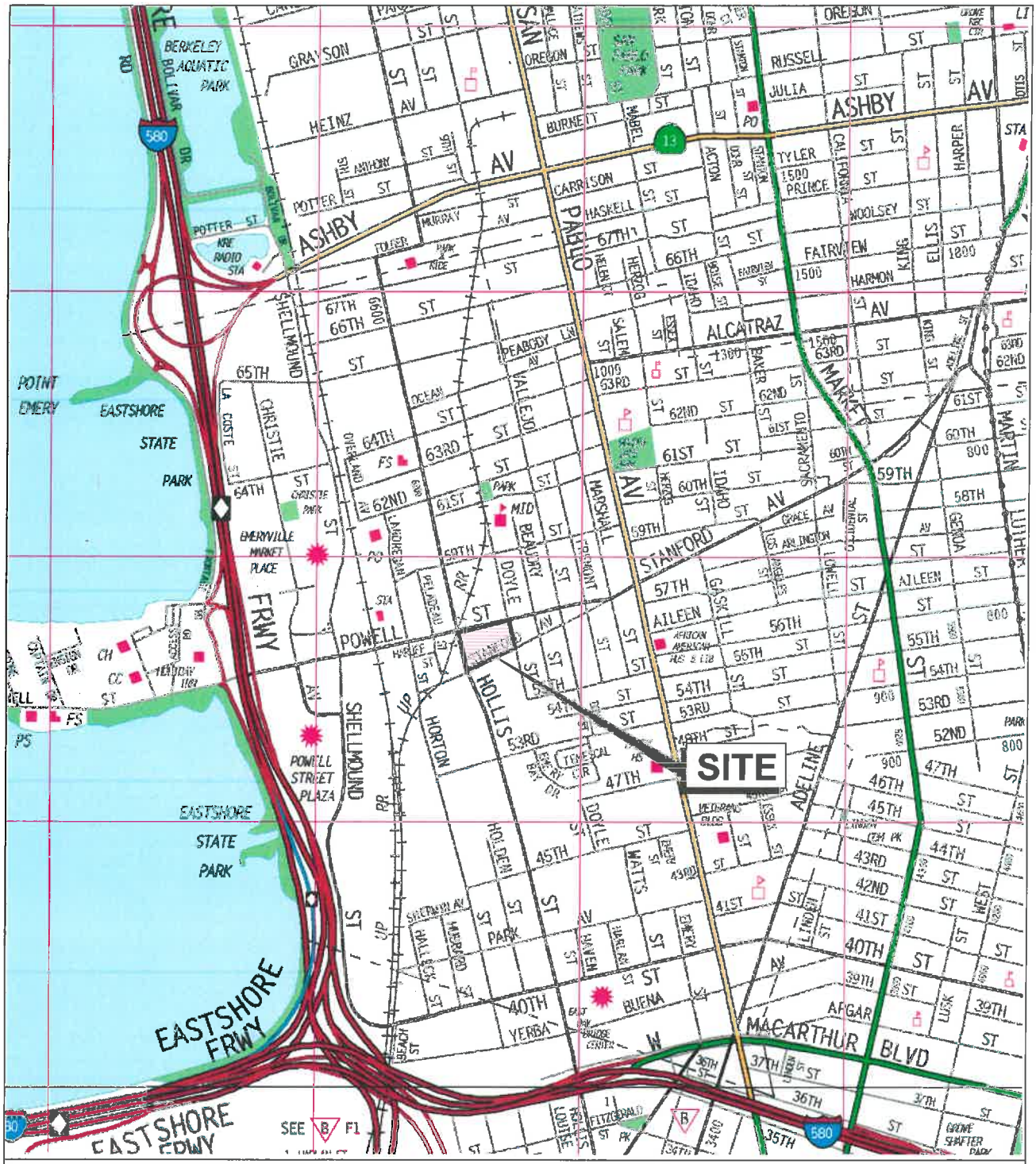
Attachment 3 – Groundwater Evaluation and Data

LTCP GROUNDWATER SPECIFIC CRITERIA - PETROLEUM						
Closure Scenario						
__ Site has not affected groundwater; __ Scenario 1; __ Scenario 2; __ Scenario 3; __ Scenario 4; _X_ **Scenario 5**; __ This case should be closed in spite of not meeting the groundwater specific media criteria						
Evaluation Criteria: Bold indicates criteria met						
Site Specific Data		**Scenario 1**	**Scenario 2**	**Scenario 3**	**Scenario 4**	**Scenario 5**
Plume Length	< 415 feet [1]	<100 feet	<250 feet	<1,000 feet	<1,000 feet	**The site does not meet scenarios 1 through 4; however, a determination been made that under current and reasonably expected future scenarios, the contaminant plume poses a low threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame.**
Free Product	No free product	No free product	No free product	Removed to maximum extent practicable	No free product	
Plume Stable or Decreasing	Stable	Stable or decreasing	Stable or decreasing	Stable or decreasing for minimum of 5 years	Stable or decreasing	
Distance to Nearest Water Supply Well (from plume boundary)	> 500 feet [1] (DWR / ACPWA) >1,500 [1] (GAMA)	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Distance to Nearest Surface Water Body (from plume boundry)	Downgradient: 2,810 feet [1] Cross Gradient: 1,360 feet [1] Upgradient: 1,450 feet [1]	>250 feet	>1,000 feet	>1,000 feet	>1,000 feet	
Benzene Concentrations (µg/l)	Historic Max: ---- Current Max: ----	No criteria	<3,000	<1,000	<1,000	
MTBE Concentrations (µg/l)	Historic Max: ---- Current Max: ----	No criteria	<1,000	<1,000	<1,000	
Property Owner Willing to Accept a Land Use Restriction	Not applicable	Not applicable	Not applicable	Yes	Not applicable	

Notes: DWR = Department of Water Resources
ACPWA = Alameda County Public Works Agency
GAMA = Groundwater Ambient Monitoring Assessment (GeoTracker)

Attachment 3 – Groundwater Evaluation and Data

Analysis	
Plume Length	1 = Plume length defined in accordance with plume length characteristics reported in the Low-Threat Closure Policy technical justification paper entitled *Technical Justification for Groundwater Media-Specific Criteria,* dated April 24, 2012. Although the hydrocarbon contaminants are dissimilar in viscosity and thickness (aged heating oil contaminant is substantially more viscous than gasoline; thus the groundwater plume will be substantially more limited), the plume length for this heating oil contaminant has conservatively been assumed to be similar to the reported 90th percentile plume length for Total Petroleum Hydrocarbons as gasoline. This site does not meet this LTCP criterion due to non-detectable Poly-Aromatic Hydrocarbons (PAHs) above LTCP Table 1 values in the 0 to 5 foot depth interval. ACDEH has made the determination that residual PAH concentrations beneath the asphalt paving at the site do not represent a direct contact health risk to residents; however, to preclude residential exposure to PAH concentrations above identified LTCP goals, should redevelopment of the parking lot occur ACDEH must be contacted in advance and site data be re-evaluated.
Free Product	Based on soil analytical data, is not anticipated at site.
Plume Stability	Due to the age of the tank and the release, the plume is stable in aerial extent. (The contaminant mass has expanded to its maximum extent defined as the distance from the release where attenuation exceeds migration.)
Water Supply Wells	An Alameda County Public Works Agency (ACPWA) and the Department of Water Resources (DWR) well survey indicate no public water supply wells, irrigation wells within 1,000 feet of the site. The well survey results from the GeoTracker Groundwater Ambient Monitoring Assessment (GAMA) website indicates there are no public water supply wells, irrigation wells, California Department of Public Health wells, Department of Pesticide Regulation wells located within a 2,000 foot radius of the site. A sensitive receptor survey was also conducted and none were found. Additionally, no basements or other dewatering structures appear to be present within approximately a 1,000 foot distance in the downgradient direction.
Surface Water Bodies	San Francisco Bay is approximately 3,325 feet downgradient to the west, and is assumed to be approximately 2,810 downgradient of any plume. Temescal Creek is crossgradient to the southwest at an approximate distance of 1,360 feet. Derby Creek is 1,450 feet upgradient.



Base map: The Thomas Guide
San Francisco County
1999

0 1/4 1/2 Mile

Approximate scale

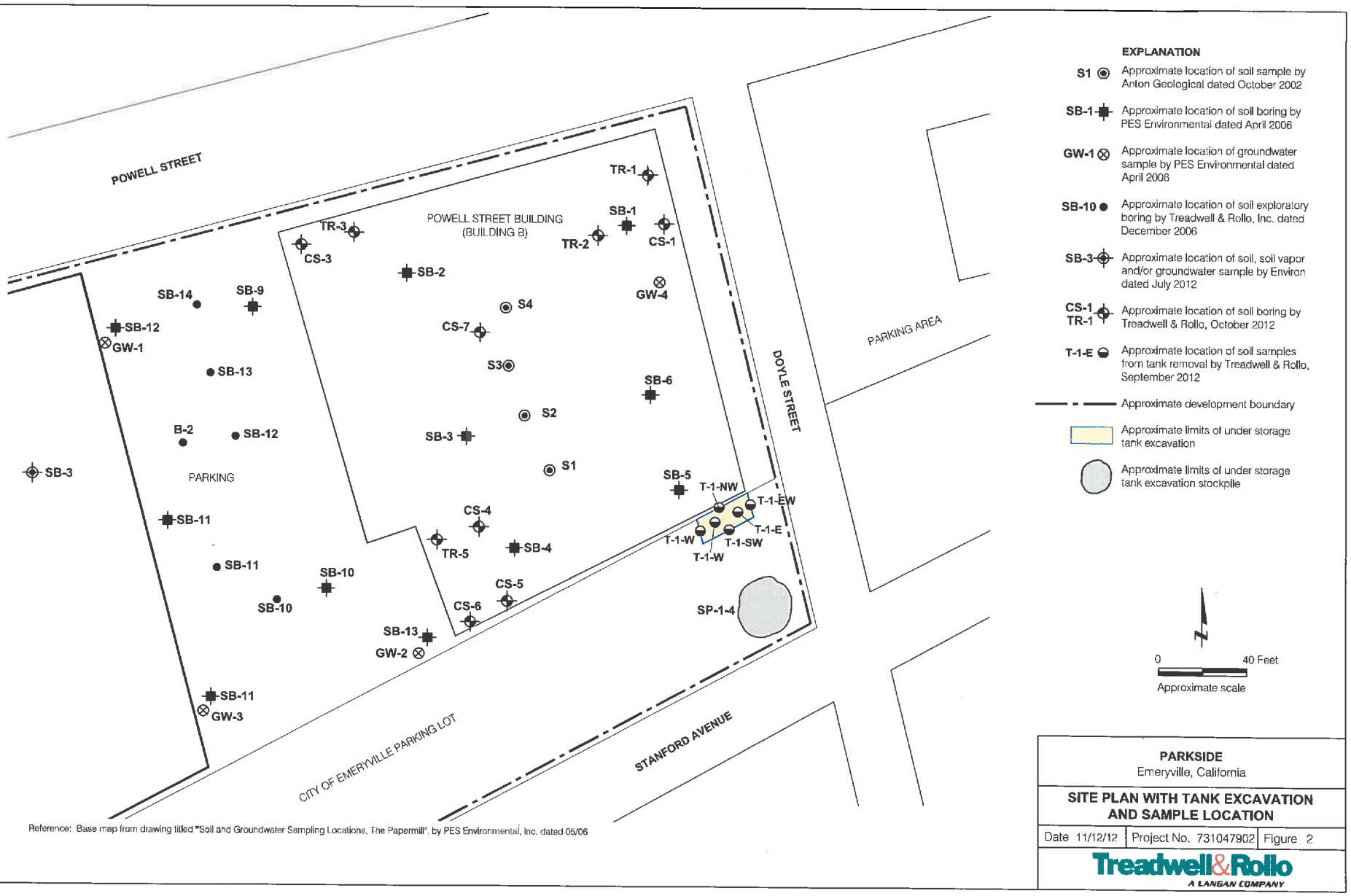
PARKSIDE
Emeryville, California

Treadwell&Rollo
A LANGAN COMPANY

SITE LOCATION MAP

Date 08/10/12	Project No. 731047902	Figure 1


Hollis Cleaners
Loop 22
Powell St
Powell St
Powell St
Powell St
Powell St
Hollis St
Hollis St
Hollis St
Doyle St
Doyle St
Doyle St
Doyle St
Doyle St
Doyle St
Beaudry St
Beaudry St
Stanford Ave
Stanford Ave
Stanford Ave
Stanford Ave
Stanford Ave
Palladium St
Palladium St
Spur Alley
Spur Alley
Pure on Powell Apartments
Stanford Ave Park
Icon at Doyle
Axes of Eville



Reference: Base map from drawing titled "Soil and Groundwater Sampling Locations, The Papermill", by PES Environmental, Inc. dated 05/06

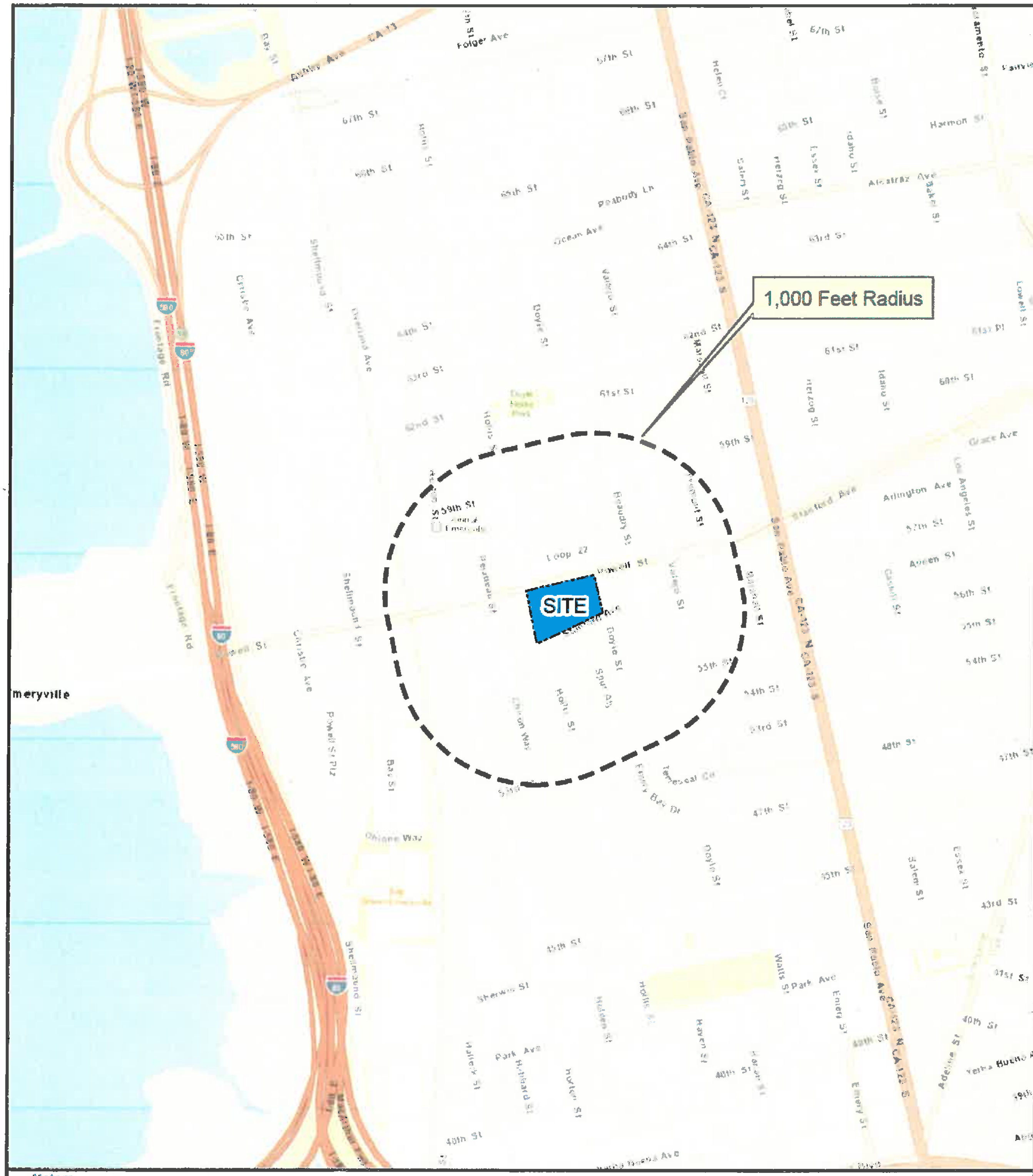
\\langan.com\data\SF\data9\731047902\Cadd Data – 731047902\2D_DesignFiles\Environmental\731047902_N_SP0105.dwg 11/12/12

PARKSIDE
Emeryville, California

SITE PLAN WITH TANK EXCAVATION AND SAMPLE LOCATION

Date 11/12/12	Project No. 731047902	Figure 2

Treadwell&Rollo
A LANGAN COMPANY



Notes:

1. World street basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Credits: Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, IPC, NRCAN.
2. Map displayed in California State Plane Coordinate System, Zone III, North American Datum of 1983 (NAD83), US Survey Feet.

0 500 1,000

Feet

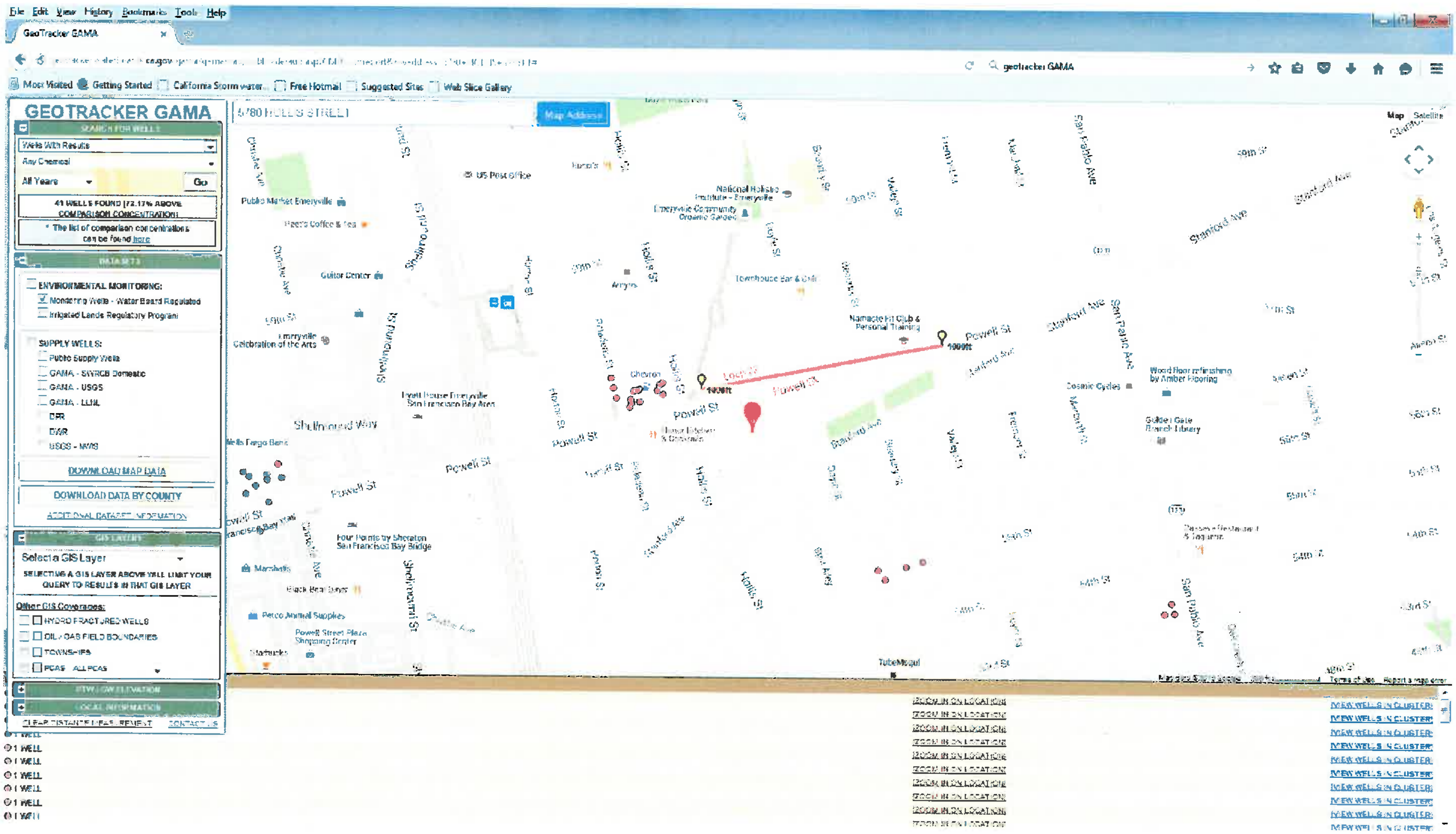
N W E S

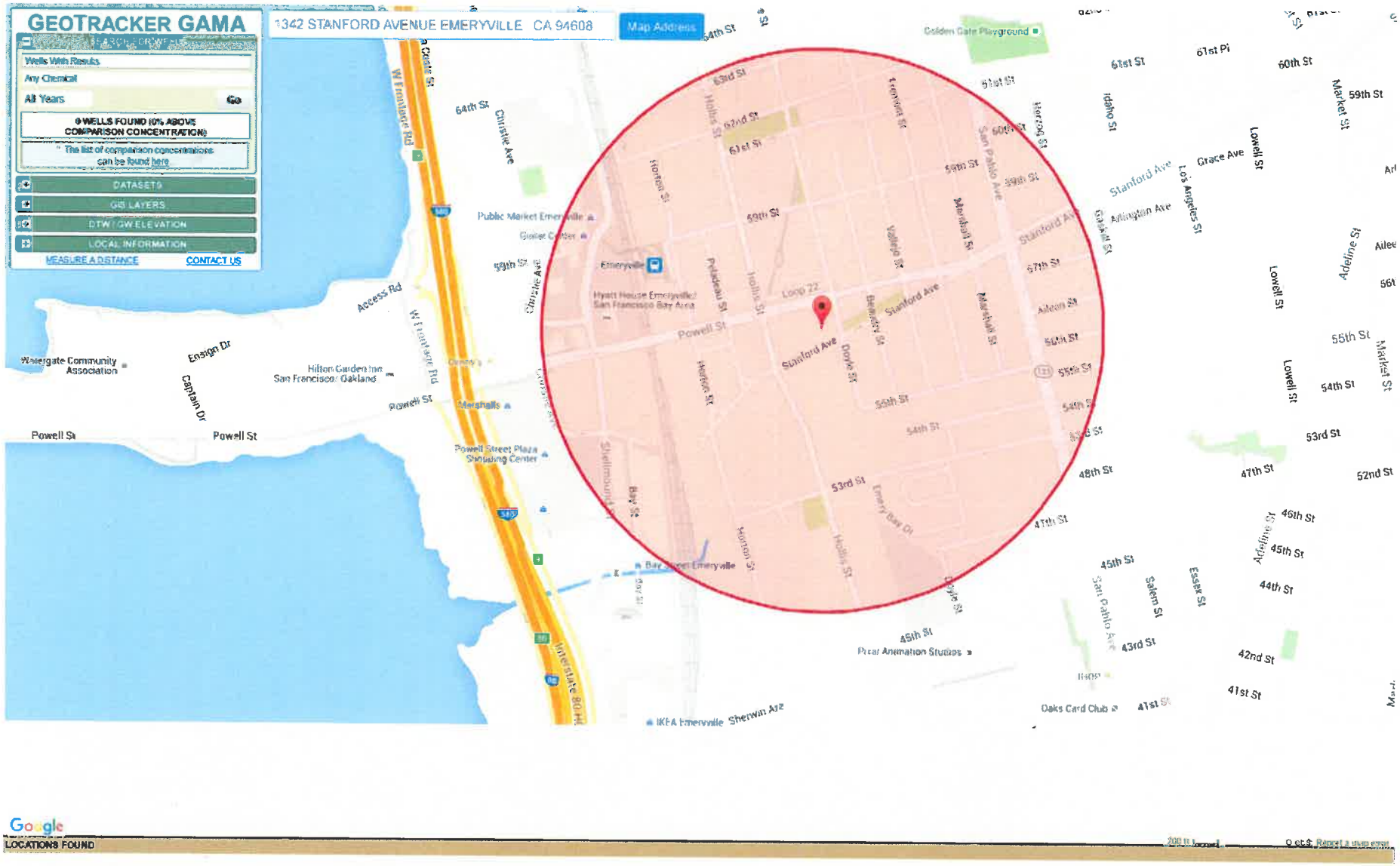
PARKSIDE
Emeryville, California

SITE LOCATION MAP

LANGAN TREADWELL ROLLO

Date 4/23/2015	Project No. 731047903	Figure 1


File Edit View History Bookmarks Tools Help
GeoTracker GAMA
geotracker GAMA
Most Visited Getting Started California Storm water... Free Hotmail Suggested Sites Web Slice Gallery
GEOTRACKER GAMA
SEARCH FOR WELLS
Wells With Results
Any Chemical
All Years
Go
41 WELLS FOUND [73.17% ABOVE COMPARISON CONCENTRATION]
* The list of comparison concentrations can be found here
DATA SETS
ENVIRONMENTAL MONITORING:
Monitoring Wells - Water Board Regulated
Irrigated Lands Regulatory Program
SUPPLY WELLS:
Public Supply Wells
GAMA - SWRCB Domestic
GAMA - USGS
GAMA - LLNL
DPR
DWR
USGS - NWIS
DOWNLOAD MAP DATA
DOWNLOAD DATA BY COUNTY
Select a GIS Layer
SELECTING A GIS LAYER ABOVE WILL LIMIT YOUR QUERY TO RESULTS IN THAT GIS LAYER
Other GIS Coverages:
HYDRO FRACTURED WELLS
OIL / GAS FIELD BOUNDARIES
PCAS ALL PCAS
CLEAR DISTANCE MEASUREMENT
Map Address
Map Satellite
US Post Office
Public Market Emeryville
Peet's Coffee & Tea
Guitar Center
Emeryville Celebration of the Arts
Shellmound Way
Shellmound St
Powell St
Hollis St
Doyle St
San Pablo Ave
Stanford Ave
Christie Ave
Wells Fargo Bank
Four Points by Sheraton San Francisco Bay Bridge
Hyatt House Emeryville San Francisco Bay Area
Black Bear Diner
Petco Animal Supplies
Powell Street Plaza Shopping Center
Starbucks
Marshalls
Chevron
National Holistic Institute - Emeryville
Emeryville Community Organic Garden
Townhouse Bar & Grill
Namaste Fit Club & Personal Training
1000ft
Wood floor refinishing by Amber Flooring
Cosmic Cycles
Golden Gate Branch Library
San Pablo Ave
TubeMogul
ZOOM IN ON LOCATION
VIEW WELLS IN CLUSTER
1 WELL


GEOTRACKER GAMA
1342 STANFORD AVENUE EMERYVILLE CA 94608
Map Address
Wells With Results
Any Chemical
All Years
Go
0 WELLS FOUND (0% ABOVE COMPARISON CONCENTRATION)
The list of comparison concentrations can be found here
DATASETS
GIS LAYERS
DTW / GW ELEVATION
LOCAL INFORMATION
MEASURE A DISTANCE
CONTACT US
Golden Gate Playground
Public Market Emeryville
Emeryville
Hyatt House Emeryville/San Francisco Bay Area
Watergate Community Association
Hilton Garden Inn San Francisco/Oakland
Marshalls
Powell Street Plaza Shopping Center
Bay Street Emeryville
IKEA Emeryville
Pixar Animation Studios
Oaks Card Club
Interstate 80
Stanford Ave
Powell St
Loop 22
Google
LOCATIONS FOUND

Address	Basement Type	Distance from Site	Direction from Site	Property Type	Relative Position
1475 Powell Street	Full Basement	400 feet	West	Commercial	Cross-Gradient
1245 Stanford Avenue	Partial Basement	370 feet	East	Residential	Up-Gradient
5516 Beaudry Street	Partial Basement	435 feet	Southeast	Residential	Up-Gradient
5524 Beaudry Street	Partial Basement	410 feet	Southeast	Residential	Up-Gradient
5541 Vallejo Street	Partial Basement	435 feet	East	Residential	Up-Gradient
5556 Vallejo Street	Partial Basement	565 feet	East	Residential	Up-Gradient
5561 Vallejo Street	Partial Basement	490 feet	Southeast	Residential	Up-Gradient
5556 Fremont Street	Partial Basement	700 feet	East	Residential	Up-Gradient
5559 Fremont Street	Partial Basement	820 feet	East	Residential	Up-Gradient
5579 Fremont Street	Partial Basement	675 feet	East	Residential	Up-Gradient
1209 55th Street	Partial Basement	920 feet	Southeast	Residential	Up-Gradient
1210 55th Street	Partial Basement	810 feet	Southeast	Residential	Up-Gradient
1215 55th Street	Partial Basement	900 feet	Southeast	Residential	Up-Gradient
Peladeau between Stanford and Haruff	none	800 feet	Southwest	Commercial	Down-Gradient
Hollis between Peladeau, Stanford & Powell	none	500 feet	Southwest	Commercial & Parking	Down-Gradient
Hollis, southwest of Stanford – 5400 block	none	1000 feet	Southwest	Commercial & Parking	Down- to Cross-Gradient
5885 Hollis Street	Below ground parking	800 feet	Northwest	Commercial	Cross-Gradient
5800 Hollis Street	Below ground parking	500 feet	North	Commercial	Cross-Gradient
1300 Block Powell Street	None	130 feet	North	Residential	Cross-Gradient
5800 Block Peladeau (between Powell and 59th)	Below ground parking	500-800 feet	Northwest	Commercial	Cross-Gradient

ATTACHMENT 4

Attachment 4 – Vapor Intrusion Evaluation and Data

LTCP VAPOR SPECIFIC CRITERIA - PETROLEUM

Closure Scenario

Exemption: __ Active fueling station exempt from vapor specific criteria; Active as of date: _____

__ Scenario 1; __ Scenario 2; __ Scenario 3a; __ Scenario 3b; __ Scenario 4a without bioattenuation zone;
__ Scenario 4b with bioattenuation zone; __ Site specific risk assessment demonstrates human health is protected;
__ Exposure controlled through use of mitigation measures or institutional controls;
__X__ **Case closed in spite of not meeting the vapor specific media criteria**

Evaluation Criteria: **Bold** indicates criteria met.

Site Specific Data		Scenario 1	Scenario 2	Scenario 3A	Scenario 3B	Scenario 3C	Scenario 4a	Scenario 4b
Unweathered LNAPL	----	LNAPL in gw	LNAPL in soil	No LNAPL	No LNAPL	No LNAPL	No criteria	No criteria
Thickness of Bioattenuation Zone Beneath Foundation	----	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	No criteria	≥ 5 feet
Depth to Shallowest Groundwater	----	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥ 5 feet	≥ 5 feet	≥ 5 feet
Total TPHg & TPHd in Soil in Bioattenuation Zone	----	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	<100 mg/kg	No criteria	<100 mg/kg
Maximum Current Benzene Concentration in Groundwater	----	No criteria	No criteria	<100 µg/L	≥100 and <1,000 µg/L	<1,000 µg/L	No criteria	No criteria
Oxygen Data in Bioattenuation Zone	----	No criteria	No criteria	No oxygen data or <4%	No oxygen data or <4%	≥4%	No criteria	≥4% at bottom of zone
Soil Vapor Depth Beneath Foundation	----	No criteria	No criteria	No criteria	No criteria	No criteria	5 feet	5 feet
Benzene Concentrations ($\mu g/m^3$)	Historic Max: Not Analyzed Current Max: Not Analyzed	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 85; Com: < 280	Res: < 85K; Com: < 280K
Ethylbenzene Concentrations ($\mu g/m^3$)	Historic Max: Not Analyzed Current Max: Not Analyzed	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 1,100; Com: < 3,600	Res: < 1,100K; Com: < 3,600K
Naphthalene Concentrations ($\mu g/m^3$)	Historic Max: Not Analyzed Current Max: Not Analyzed	No criteria	No criteria	No criteria	No criteria	No criteria	Res: < 93; Com: < 310	Res: < 93K; Com: < 310K

Attachment 4 – Vapor Intrusion Evaluation and Data

LTCP VAPOR SPECIFIC CRITERIA – PETROLEUM (cont.)	
Vapor Intrusion to Indoor Air Analysis	
Onsite	Based on soil and stockpile analytical data, a secondary source (tank backfill) does not appear to have been present beneath the UST to a depth of approximately 12 feet. The analytical data indicates that there were no detectable concentrations of petroleum volatile organic compounds in soil reported at the site that would pose a vapor intrusion risk at the site or downgradient. Excavated soil materials were reused to backfill the UST excavation.
Offsite	The analytical data indicates that there were no detectable concentrations of petroleum volatile organic compounds in soil reported at the site that would pose a vapor intrusion risk at the site or downgradient.

ATTACHMENT 5

Attachment 5 – Direct Contact Evaluation and Data

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPSURE CRITERIA

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, __ Site-specific risk assessment, __ A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health, _X_ **A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health as a result of controlling exposure through the use of mitigation measures or through the use of institutional controls**, __ This case should be closed in spite of not meeting the direct contact and outdoor air specific media criteria.

Evaluation Criteria: Bold indicates criteria met.

Are maximum concentrations less than those in Table 1 below?		No				
Constituent		Residential		Commercial/Industrial		Utility Worker
		0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 5 feet bgs (mg/kg)	Volatilization to outdoor air (5 to 10 feet bgs) mg/kg	0 to 10 feet bgs (mg/kg)
Site Maximum	**Benzene**	**< 0.005**	**< 0.005**	**< 0.005**	**< 0.005**	**< 0.005**
LTCP Criteria	Benzene	≤1.9	≤2.8	≤8.2	≤12	≤14
Site Maximum	**Ethylbenzene**	**< 0.005**	**< 0.005**	**< 0.005**	**< 0.005**	**< 0.005**
LTCP Criteria	Ethylbenzene	≤21	≤32	≤89	≤134	≤314
Site Maximum	**Naphthalene**	**<0.005**	**<0.005**	**<0.005**	**<0.005**	**<0.005**
LTCP Criteria	Naphthalene	≤9.7	≤9.7	≤45	≤45	≤219
Site Maximum	**PAHs**	<0.25	**<0.25**	**<0.25**	**<0.25**	**<0.25**
LTCP Criteria	PAHs	≤0.063	NA	≤0.68	NA	≤4.5

Direct Contact and Outdoor Air Analysis

Onsite	Because the fuel source for the former UST is unknown and may have included Bunker C, it has been determined that this site does not meet this LTCP criterion due to non-detectable Poly-Aromatic Hydrocarbons (PAHs) above LTCP Table 1 values in the 0 to 5 foot depth interval. Residual Total Petroleum Hydrocarbon concentrations are sufficiently low that it is unlikely that PAH concentrations are present beneath the site at concentrations above the LTCP goal. Thus ACDEH has made the determination that any residual PAH concentrations beneath the asphalt paving at the site do not represent a direct contact health risk to residents; however, to preclude residential exposure to PAH concentrations above identified LTCP goals, should redevelopment of the parking lot occur ACDEH must be contacted in advance and site data be re-evaluated. Under the current land use, most of the site is paved with minor landscaped areas near the site boundaries resulting in a low potential for direct contact exposure under the current land use. Excavation or construction activities in areas of potential residual contamination will be managed with a land use restriction, and require planning and implementation of appropriate health and safety procedures by the responsible party, or current property owner, prior to and during excavation and construction activities.

Attachment 5 – Direct Contact Evaluation and Data

Offsite	Based on existing soil analytical data, it is unlikely that the petroleum hydrocarbon soil plume extends offsite.

Table 1
Soil Analytical Results for Non-Metals
Parkside
Emeryville, California
Project: 731047902

Sample ID	Depth (feet)	Date Sample	TPHg	TPHd	TPHmo	VOCs	SVOCs
			mg/kg				
Tank1-E	12.0	9/11/12	< 1.0	**200**	360	ND	ND
Tank1-W	12.0	9/11/12	< 1.0	34	67	ND	ND
Tank1-NW	4.5	9/11/12	< 1.0	2.7	22	ND	ND
Tank1-SW	6.0	9/11/12	< 1.0	< 1.0	< 5.0	ND	ND
Tank1-EW	4.5	9/11/12	< 1.0	8.3	36	ND	ND
Tank1-WW	4.5	9/11/12	< 1.0	< 1.0	< 5.0	ND	ND
SP-1-4	--	9/11/12	< 1.0	18	64	ND	ND
Environmental Screening Levels (mg/kg)							
≤ 10			100	100	370	--	--
≥ 10			180	180	5000	--	--

Notes:
mg/kg - milligrams per kilograms
TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M
TPHd - Total Petroleum Hydrocarbons as Diesel Range, EPA Method 8015M
VOCs - Volatile Organic Compounds, EPA Method SW8260B
SVOCs - Semi-Volatile Organic Compounds, EPA Method SW8270C
ND - Not detected at or above the laboratory reporting limit
< 1.0 - Analyte was not detected above the laboratory reporting limit (1.0 mg/kg)
-- - Not Applicable
Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board, Interim Final, November 2007, Residential Land Use where groundwater is not a current or potential drinking water resource

Table 2
Soil Analytical Results for Metals
Parkside
Emeryville, California
Project: 731047902

Sample ID	Depth (feet)	Date Sampled	Cadmium	Chromium	Lead	Nickel	Zinc
			(mg/kg)				
Tank1-E	12.0	9/11/12	< 1.5	58	< 5.0	78	69
Tank1-W	12.0	9/11/12	< 1.5	72	9.4	100	110
Tank1-NW	4.5	9/11/12	< 1.5	64	44	46	90
Tank1-SW	6.0	9/11/12	< 1.5	76	10	48	57
Tank1-EW	4.5	9/11/12	< 1.5	73	19	45	70
Tank1-WW	4.5	9/11/12	< 1.5	90	10	54	70
SP-1-4	--	9/11/12	< 1.5	53	74	59	140
Hazardous Waste Criteria							
TTLC	(mg/kg)		100	2,500	1,000	2,000	5,000
STLC	(mg/L)		1	--	--	20	250
TCLP	(mg/L)		--	--	--	--	--
Environmental Screening Levels (mg/kg)							
≤ 10			1.7	750	200	150	600
≥ 10			39	2,500	750	260	2,500

Notes:
mg/kg - milligrams per kilograms
< 1.5 - Analyte was not detected above the laboratory reporting limit (1.5 mg/kg).
-- Not analyzed
TTLC - California Total Threshold Limit Concentration - State hazardous waste criterion
STLC - California Soluble Threshold Limit Concentration
TCLP - Federal Toxicity Characteristic Leaching Procedure
-- - Not Applicable
Environmental Screening Levels (ESLs), San Francisco Bay Regional Water Quality Control Board, Interim Final, November 2007, Residential Land Use where groundwater is not a current or potential drinking water resource

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

Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-001A
Client ID	Tank1-E
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	111	%SS2:	129
%SS3:	111		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-002A
Client ID	Tank1-W
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	115	%SS2:	130
%SS3:	119		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-003A
Client ID	Tank1-NW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	112	%SS2:	131
%SS3:	120		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-004A
Client ID	Tank1-SW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	113	%SS2:	129
%SS3:	118		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-005A
Client ID	Tank1-EW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	101	%SS2:	110
%SS3:	91		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-006A
Client ID	Tank1-WW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	114	%SS2:	130
%SS3:	118		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1209271

Lab ID	1209271-007A
Client ID	SP-1-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)			
%SS1:	113	%SS2:	128
%SS3:	117		

Comments:

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

ND means not detected above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-001A
Client ID	Tank1-E
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)

%SS1:	79	%SS2:	73
%SS3:	58	%SS4:	59
%SS5:	58	%SS6:	60

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-002A
Client ID	Tank1-W
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)

%SS1:	87	%SS2:	81
%SS3:	63	%SS4:	65
%SS5:	65	%SS6:	62

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-003A
Client ID	Tank1-NW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)			
%SS1:	112	%SS2:	105
%SS3:	79	%SS4:	80
%SS5:	83	%SS6:	82

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-004A
Client ID	Tank1-SW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)			
%SS1:	94	%SS2:	87
%SS3:	69	%SS4:	72
%SS5:	70	%SS6:	69

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/12/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-005A
Client ID	Tank1-EW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)			
%SS1:	114	%SS2:	106
%SS3:	80	%SS4:	80
%SS5:	84	%SS6:	81

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-006A
Client ID	Tank1-WW
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)			
%SS1:	91	%SS2:	85
%SS3:	65	%SS4:	67
%SS5:	69	%SS6:	65

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

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Treadwell & Rollo	Client Project ID: #731047902; Parkside Emeryville	Date Sampled: 09/11/12
		Date Received: 09/12/12
555 Montgomery St., Suite 1300	Client Contact: Peter Cusack	Date Extracted: 09/12/12
San Francisco, CA 94111	Client P.O.:	Date Analyzed: 09/13/12

Semi-Volatile Organics by GC/MS (Basic Target List)*

Extraction Method: SW3550B | Analytical Method: SW8270C | Work Order: 1209271

Lab ID	1209271-007A
Client ID	SP-1-4
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acenaphthene	ND	1.0	0.25	Acenaphthylene	ND	1.0	0.25
Acetochlor	ND	1.0	0.25	Anthracene	ND	1.0	0.25
Benzidine	ND	1.0	1.3	Benzoic Acid	ND	1.0	2.5
Benzo (a) anthracene	ND	1.0	0.25	Benzo (b) fluoranthene	ND	1.0	0.25
Benzo (k) fluoranthene	ND	1.0	0.25	Benzo (g,h,i) perylene	ND	1.0	0.25
Benzo (a) pyrene	ND	1.0	0.25	Benzyl Alcohol	ND	1.0	1.3
1,1-Biphenyl	ND	1.0	0.25	Bis (2-chloroethoxy) Methane	ND	1.0	0.25
Bis (2-chloroethyl) Ether	ND	1.0	0.25	Bis (2-chloroisopropyl) Ether	ND	1.0	0.25
Bis (2-ethylhexyl) Phthalate	ND	1.0	0.25	4-Bromophenyl Phenyl Ether	ND	1.0	0.25
Butylbenzyl Phthalate	ND	1.0	0.25	4-Chloroaniline	ND	1.0	0.25
4-Chloro-3-methylphenol	ND	1.0	0.25	2-Chloronaphthalene	ND	1.0	0.25
2-Chlorophenol	ND	1.0	0.25	4-Chlorophenyl Phenyl Ether	ND	1.0	0.25
Chrysene	ND	1.0	0.25	Dibenzo (a,h) anthracene	ND	1.0	0.25
Dibenzofuran	ND	1.0	0.25	Di-n-butyl Phthalate	ND	1.0	0.25
1,2-Dichlorobenzene	ND	1.0	0.25	1,3-Dichlorobenzene	ND	1.0	0.25
1,4-Dichlorobenzene	ND	1.0	0.25	3,3-Dichlorobenzidine	ND	1.0	0.5
2,4-Dichlorophenol	ND	1.0	0.25	Diethyl Phthalate	ND	1.0	0.25
2,4-Dimethylphenol	ND	1.0	0.25	Dimethyl Phthalate	ND	1.0	0.25
4,6-Dinitro-2-methylphenol	ND	1.0	1.3	2,4-Dinitrophenol	ND	1.0	6.3
2,4-Dinitrotoluene	ND	1.0	0.25	2,6-Dinitrotoluene	ND	1.0	0.25
Di-n-octyl Phthalate	ND	1.0	0.25	1,2-Diphenylhydrazine	ND	1.0	0.25
Fluoranthene	ND	1.0	0.25	Fluorene	ND	1.0	0.25
Hexachlorobenzene	ND	1.0	0.25	Hexachlorobutadiene	ND	1.0	0.25
Hexachlorocyclopentadiene	ND	1.0	1.3	Hexachloroethane	ND	1.0	0.25
Indeno (1,2,3-cd) pyrene	ND	1.0	0.25	Isophorone	ND	1.0	0.25
2-Methylnaphthalene	ND	1.0	0.25	2-Methylphenol (o-Cresol)	ND	1.0	0.25
3 &/or 4-Methylphenol (m,p-Cresol)	ND	1.0	0.25	Naphthalene	ND	1.0	0.25
2-Nitroaniline	ND	1.0	1.3	3-Nitroaniline	ND	1.0	1.3
4-Nitroaniline	ND	1.0	1.3	Nitrobenzene	ND	1.0	0.25
2-Nitrophenol	ND	1.0	1.3	4-Nitrophenol	ND	1.0	1.3
N-Nitrosodiphenylamine	ND	1.0	0.25	N-Nitrosodi-n-propylamine	ND	1.0	0.25
Pentachlorophenol	ND	1.0	1.3	Phenanthrene	ND	1.0	0.25
Phenol	ND	1.0	0.25	Pyrene	ND	1.0	0.25
1,2,4-Trichlorobenzene	ND	1.0	0.25	2,4,5-Trichlorophenol	ND	1.0	0.25
2,4,6-Trichlorophenol	ND	1.0	0.25				

Surrogate Recoveries (%)

%SS1:	98	%SS2:	91
%SS3:	66	%SS4:	68
%SS5:	75	%SS6:	71

Comments:

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

ND means not detected at or above the reporting limit/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

surrogate diluted out of range or surrogate coelutes with another peak.

ATTACHMENT 6

COUNTY OF ALAMEDA
Assessor's Office

Help

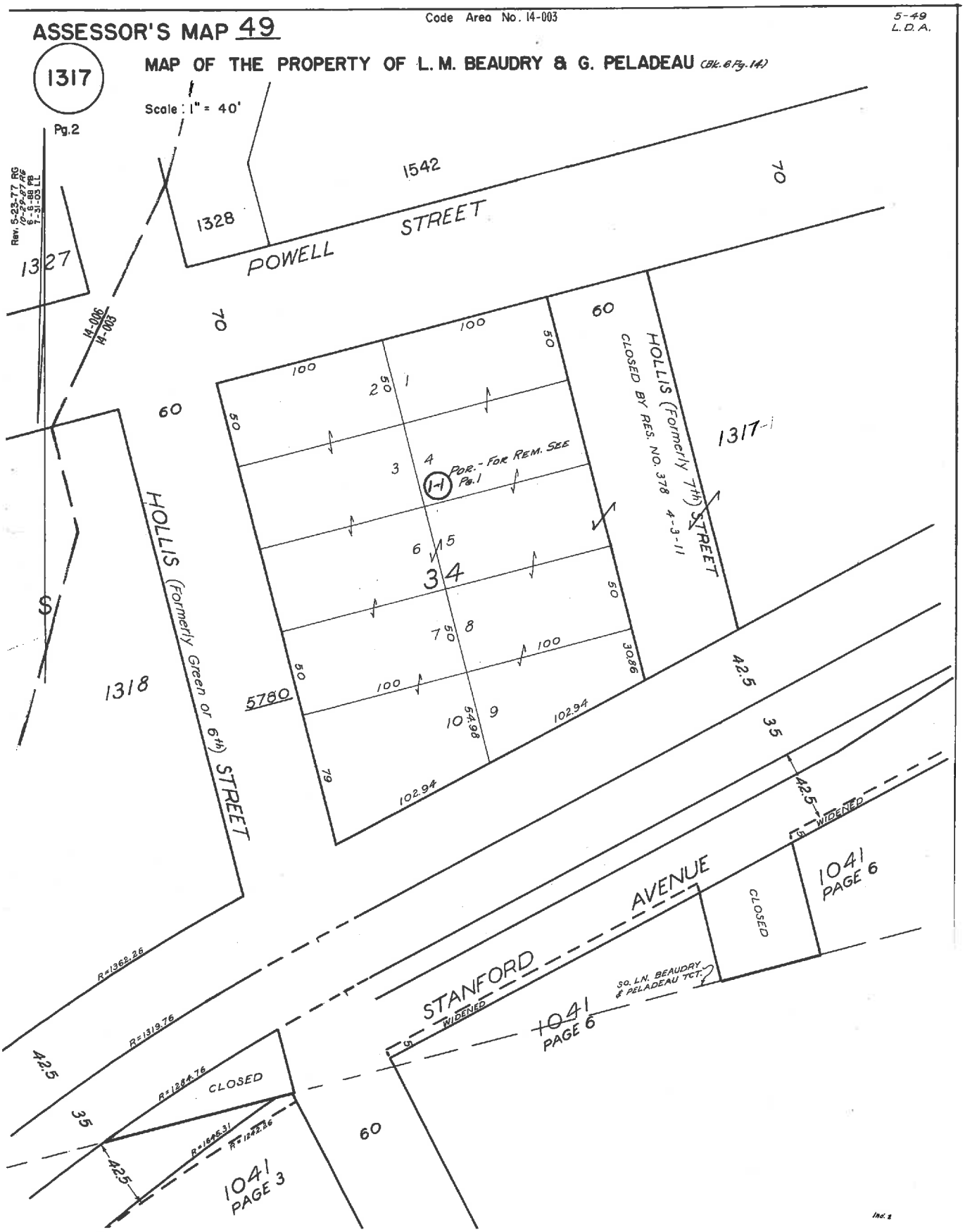
New Query

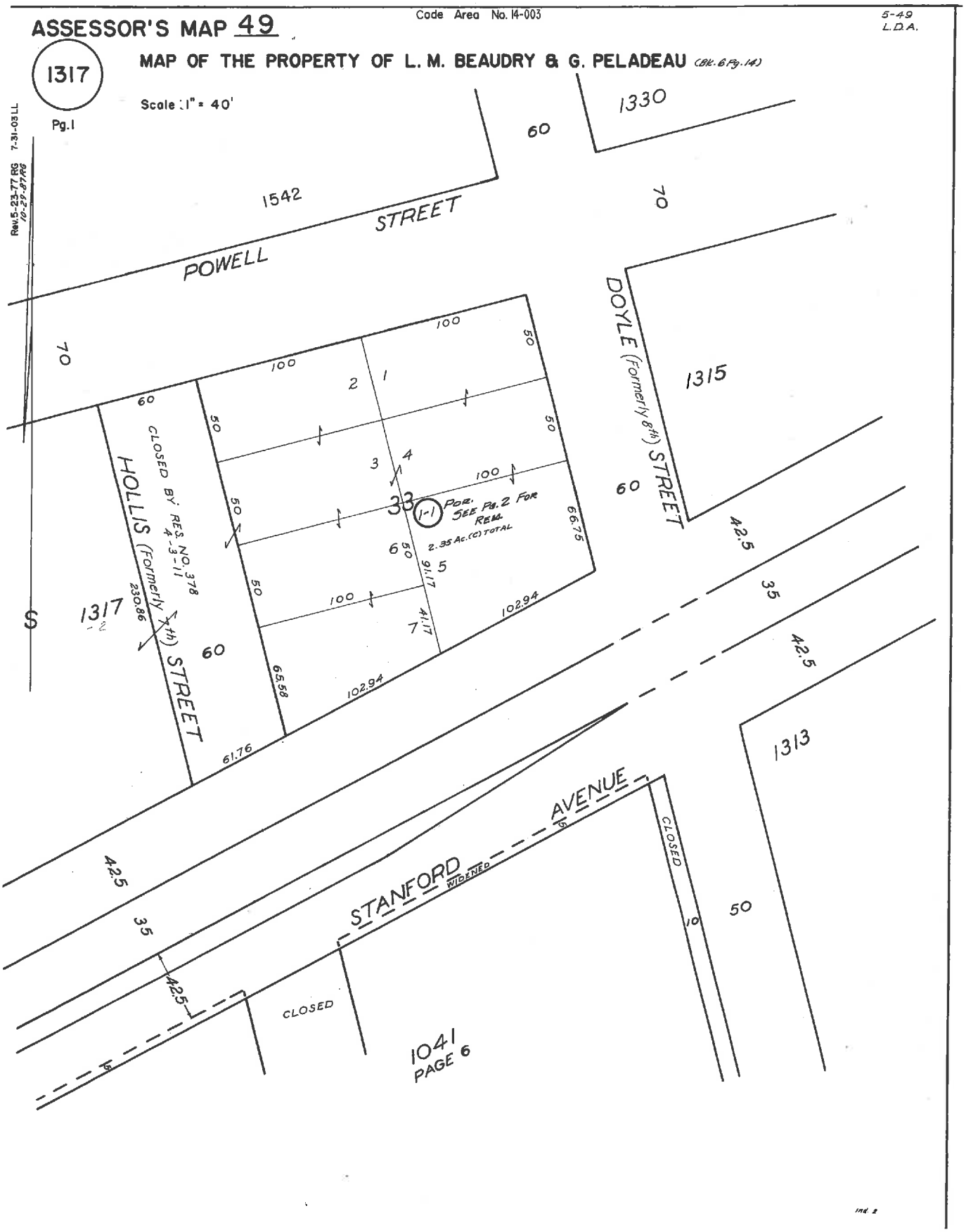
Property Value System

History | Value | Transfer | Map | Glossary

Parcel Number:**49-1317-1-1** Inactive:**N** Lien Date:**01/01/2016** Owner:**ARCHSTONE EMERYVILLE RESIDENTIAL LLC**
Property Address: **5780 HOLLIS ST, EMERYVILLE, CA 94608**

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans Tax	Parcel Count	Use
ARCHSTONE EMERYVILLE RESIDENTIAL LLC c/o EQR - TAX DEPT	List Owners	PO BOX 87407 , CHICAGO, IL 60680-0407	11/25/2014	TRAN-280403		1	7000
ARCHSTONE EMERYVILLE RESIDENTIAL LLC	List Owners	7 GIRALDA FARMS , MADISON, NJ 07940-1051	08/14/2012	2012-265732		1	7000
API EMERYVILLE PARKSIDE LLC c/o LEHMAN BROTHERS HOLDINGS Attn: JOELLE HALPERIN	List Owners	1271 AVENUE OF THE AMERICAS , NEW YORK, NY 10020	01/20/2012	TRAN-272021		8	4100
API EMERYVILLE PARKSIDE LLC c/o ARCHSTONE-SMITH Attn: SALT DEPT	List Owners	9200 E PANORAMA CIR STE 400, ENGLEWOOD, CO 80112-3491	10/05/2007	TRAN-255185		1	4100
API EMERYVILLE PARKSIDE LLC c/o ARCHSTONE SMITH	List Owners	9200 E PANORAMA CIR STE 400, ENGLEWOOD, CO 80112-3491	02/07/2007	2007-63904	$13,700,000	1	4100
PAPERMILL PROPERTIES	List Owners	2081 ADAMS AVE , SAN LEANDRO, CA 94577-1007	06/28/1977	1977-126955		2	4100
LINDQUIST LLOYD V & ELSIE H ETAL	List Owners	5780 HOLLIS ST , EMERYVILLE, CA 94608-2514	09/16/1976	1976-155618		2	4100
LINDQUIST LLOYD V & ELSIE H ETAL	List Owners	5780 HOLLIS ST , EMERYVILLE, CA 94608-2514	06/21/1976	1976-97957		2	4100
MOORE BUSINESS FORMS	List Owners	5780 HOLLIS ST , EMERYVILLE, CA 94608-2514	03/01/1969	TRAN-61461		1	4100





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 8280

January 26, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
API EMERYVILLE PARKSIDE
1342 STANFORD AVE
EMERYVILLE, CA 94608

Local ID: RO0003109
Related ID:
RWQCB ID: T10000006444
Global ID: NA

Responsible Party:

ARCHSTONE EMERYVILLE RESIDENTIAL LLC
C/O: EQR-TAX DEPT
PO BOX 87407
CHICAGO, IL 60680

Date First Reported: 9/11/2012
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 ARCHSTONE EMERYVILLE RESIDENTIAL 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 MARK DETTERMAN at this office at (510) 567-6876 if you have questions regarding your site.

Date: 1/26/2015

ARIU LEVI, 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 8297

January 26, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:

API EMERYVILLE PARKSIDE
1342 STANFORD AVE
EMERYVILLE, CA 94608

Local ID: RO0003109
Related ID:
RWQCB ID: T10000006444
Global ID: NA

Responsible Party:

ARCHSTONE EMERYVILLE RESIDENTIAL LLC
7 GIRALDA FARMS
MADISON, NJ 07940

Date First Reported: 9/11/2012
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 ARCHSTONE EMERYVILLE RESIDENTIAL 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.

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Date: 1/26/2015

ARIU LEVI, 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 8303

January 26, 2015

NOTICE OF RESPONSIBILITY

Site Name & Address:
API EMERYVILLE PARKSIDE
1342 STANFORD AVE
EMERYVILLE, CA 94608

Local ID: RO0003109
Related ID:
RWQCB ID: T10000006444
Global ID: NA

Responsible Party:

API EMERYVILLE PARKSIDE
C/O: LEHMAN BROTHERS HOLDINGS
ATTN: JOELLE HALPERIN
1271 AVENUE OF THE AMERICAS
NEW YORK, NY 10020

Date First Reported: 9/11/2012
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 API EMERYVILLE PARKSIDE 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 MARK DETTERMAN at this office at (510) 567-6876 if you have questions regarding your site.

Date: 1/26/2015

ARIU LEVI, 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
REBECCA GEBHART, Interim 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 1547

November 7, 2016

NOTICE OF RESPONSIBILITY

Site Name & Address:

API EMERYVILLE PARKSIDE
1342 STANFORD AVENUE
EMERYVILLE, CA 94608

Local ID: RO0003109
Related ID: NA
RWQCB ID: NA
Global ID: T0000006444

Responsible Party:

API EMERYVILLE RESIDENTIAL LLC
C/O ARCHSTONE - SMITH
ATTN: SALT DEPT
9200 E. PANORAMA CIR, SUITE 400
ENGLEWOOD CO, 80112-3491

Date First Reported: 9/11/2012
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 API EMERYVILLE RESIDENTIAL 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.

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

Please contact your caseworker Mark Detterman at this office at (510) 567- 6876 if you have questions regarding your site.

Ronald Browder Date: 11-08-2016

RONALD BROWDER, Director
Contract Project Director

Action: Update
Reason: Update

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 DEPARTMENT OF ENVIRONMENTAL HEALTH
LUFT LOCAL OVERSIGHT PROGRAM

ATTACHMENT A - RESPONSIBLE PARTIES DATA SHEET

November 7, 2016

Site Name & Address:

API EMERYVILLE PARKSIDE
1342 STANFORD AVENUE
EMERYVILLE, CA 94608

Local ID:	**RO0003109**
Related ID:	**NA**
RWQCB ID:	**NA**
Global ID:	**T0000006444**

All Responsible Parties

RP has been named a Primary RP – ARCHSTONE EMERYVILLE RESIDENTIAL LLC
C/O: EQR – TAX DEPT.
P.O. BOX 87407 | CHICAGO, IL 60680 | No Phone Number Listed

RP has been named a Primary RP - ARCHSTONE EMERYVILLE RESIDENTIAL LLC

7 GIRALDA FARMS | MADISON, NJ 07940 - 1051| No Phone Number Listed

RP has been named a Primary RP - API EMERYVILLE PARKSIDE LLC
C/O: LEHMAN BROTHERS HOLDINGS
ATTEN: JOELLE HALPERIN
1271 AVENUE OF THE AMERICAS | NEW YORK, NY 10020 | No Phone Number Listed

RP has been named a Primary RP – API EMERYVILLE PARKSIDE LLC
C/O: ARCHSTONE – SMITH
ATTEN: SALT DEPT
9200 E. PANORMA CIR, SUITE 400 | ENGLEWOOD, CO 80112 - 3491 | No Phone Number Listed

Responsible Party Identification Background

Alameda County Department of Environmental Health (ACDEH) names a "Responsible Party," as defined under 23 C.C.R Sec. 2720. Section 2720 defines a responsible party four 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."

Existence of Unauthorized Release

On September 11, 2012 one approximately 6,000-gallon single-walled steel heating oil underground storage tank (UST) was removed from the site. Two soil samples were collected beneath the UST at a depth of 12 feet below surface grade (bgs), and four sidewall samples were collected at 4.5 or 6.0 feet bgs. Up to 200 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as diesel (TPHd) and 360 mg/kg TPH as motor oil (TPHmo) were detected. Groundwater was not encountered in the UST excavation. The data indicates that than an unauthorized release had occurred at the site.

Responsible Party Identification

API Emeryville Parkside LLC c/o Archstone – Smith, Attn: Salt Dept. purchased the property in February 2007. API Emeryville Parkside LLC is a responsible party for the site because it owned the property associated with an underground release (Definition 3), and because it had control of the UST at the time following an unauthorized release (Definition 4).

API Emeryville Parkside LLC, c/o Lehman Brothers Holdings, Attn. Joelle Halperin, purchased or received the property in January 2012. API Emeryville Residential LLC, c/o Lehman Brothers Holdings is a responsible party for the site because it owned the property associated with an unauthorized release (Definition 3), and because it had control of the UST at a time following an unauthorized release (Definition 4).

Archstone Emeryville Residential LLC purchased or received the property in August 2012. API Emeryville Residential LLC is a responsible party for the site because it owned the property associated with an unauthorized release (Definition 3), and because it had control of the UST at a time following an unauthorized release (Definition 4).

Archstone Emeryville Residential LLC, c/o EQR – Tax Dept. purchased or received the property in November 2014. API Archstone Emeryville Residential LLC, c/o EQR – Tax Dept. is a responsible party for the site because it owned the property associated with an unauthorized release (Definition 3).

ATTACHMENT 7

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director

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

INVITATION TO COMMENT – POTENTIAL CASE CLOSURE

API EMERYVILLE PARKSIDE
1342 Stanford Avenue, Emeryville, California
FUEL LEAK CASE RO0003109
GEOTRACKER GLOBAL ID T1000000444

August 27, 2015

The above referenced site is a fuel leak case that is under the regulatory oversight of the Alameda County Environmental Health (ACEH) 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, ACEH 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 ACEH website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov). Please send written comments to Mark Detterman at the address below; all comments will be forwarded to the responsible parties. Comments **received by October 30, 2015** 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 ACEH caseworker, Mark Detterman at 510-567-6876 or by email at mark.detterman@acgov.org. Please refer to ACEH case RO0003109 in any correspondence.

Sort_APN	Parcel_APN	Name	StreetAddress	Unit	City	Zip
049 131800302	49-1318-3-2	5701 HOLLIS STREET I	1300 S 51ST ST		RICHMOND CA	94804
049 131801000	49-1318-10	5701 HOLLIS STREET I	1300 S 51ST ST		RICHMOND CA	94804
049 131700101	49-1317-1-1	ARCHSTONE EMERYV	PO BOX 87407		CHICAGO IL	60680
049 131500500	49-1315-5	CITY OF EMERYVILLE	2200 POWELL ST	12	EMERYVILLE CA	94608
049 104106700	49-1041-67	EMERY PJ & CM LLC	6699 TELEGRAPH AVE		OAKLAND CA	94609
049 104106600	49-1041-66	EMERY PJ & CM LLC	6699 TELEGRAPH AVE		OAKLAND CA	94609
049 104101400	49-1041-14	EMERY PJ & CM LLC	6699 TELEGRAPH AVE		OAKLAND CA	94609
049 104102000	49-1041-20	HOLLIS STREET LLC	650 TOWNSEND ST	480	SAN FRANCISCO CA	94103
049 104105300	49-1041-53	JENSEN CHRISTEN E	5835 DOYLE ST	101	EMERYVILLE CA	94608
049 104107002	49-1041-70-2	NOVARTIS VACCINES	PO BOX 56607		ATLANTA GA	30343
049 131700101	49-1317-1-1	OCCUPANT	5780 HOLLIS ST		EMERYVILLE CA	94608
049 104106700	49-1041-67	OCCUPANT	STANFORD AVE		EMERYVILLE CA	94608
049 104106600	49-1041-66	OCCUPANT	STANFORD AVE		EMERYVILLE CA	94608
049 131500500	49-1315-5	OCCUPANT	STANFORD AVE		EMERYVILLE CA	94608
049 104105300	49-1041-53	OCCUPANT	5521 DOYLE ST		EMERYVILLE CA	94608
049 104101400	49-1041-14	OCCUPANT	1335 STANFORD AVE		EMERYVILLE CA	94608
049 104102000	49-1041-20	OCCUPANT	5650 HOLLIS ST		EMERYVILLE CA	94608
049 131800302	49-1318-3-2	OCCUPANT	5701 HOLLIS ST		EMERYVILLE CA	94608
049 131801000	49-1318-10	OCCUPANT	5701 HOLLIS ST		EMERYVILLE CA	94608
049 104107002	49-1041-70-2	OCCUPANT	HOLLIS ST		EMERYVILLE CA	94608
049 131500100	49-1315-1	WATERTOWER ASSO(	1255 POWELL ST		EMERYVILLE CA	94608

East Bay Municipal Utility District
Chandra Johannesson
P.O. Box 24055,
Oakland, CA 94623

cjohanne@ebmud.com

City Of Emeryville, Public Works Department
Michael Roberts
1333 Park Avenue
Emeryville CA 94608

mroberts@emeryville.org

Cherie McCaulou
Engineering Geologist
Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay St, Ste 1400
Oakland, CA 94612

cmccaulou@waterboards.co.gov