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

June 8, 2017

Mr. Michael Strahs
East Bay Bridge Retail, LLC
c/o Federal Realty Investment Trust
356 Santana Row, Suite 1005
San Jose, CA 95128
(Sent via electronic mail to: mstrahs@federalrealty.com)

Subject: Case Closure for Fuel Leak Case No. RO0003210 and GeoTracker Global ID T10000008569, Emery Street, 3839 Emery Street, Emeryville, CA 94608

Dear Mr. Strahs:

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 ACDEH 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 commercial land use as an auto repair facility. Site Management Requirements are further described in the Site Management Requirements section 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, Land Water

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

Cc w/enc.: Chris Heiny, Cornerstone Earth Group, Inc, 1270 Springbrook Road, Suite 101, Walnut Creek, CA 94597; (Sent via electronic mail to: cheiny@cornerstoneearth.com)

Kurt Soenen, Cornerstone Earth Group, Inc, 1270 Springbrook Road, Suite 101, Walnut Creek, CA 94597; (Sent via electronic mail to: ksoenen@cornerstoneearth.com)

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)

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

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1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
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REMEDIAL ACTION COMPLETION CERTIFICATION

June 8, 2017

Mr. Michael Strahs
East Bay Bridge Retail, LLC
c/o Federal Realty Investment Trust
356 Santana Row, Suite 1005
San Jose, CA 95128
(Sent via electronic mail to: mstrahs@federalrealty.com)

Subject: Case Closure for Fuel Leak Case No. RO0003210 and GeoTracker Global ID T10000008569, Emery Street, 3839 Emery Street, Emeryville, CA 94608

Dear Mr. Strahs:

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: June 6, 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: Emery Street		
Facility Address: 3839 Emery Street, Emeryville, CA 94608		
Regional Water Board LUSTIS Case No: ----	Former ACDEH Case No.: ----	Current LOP Case No.: RO0003210
Unauthorized Release Form Filing Date: 2/4/2016	State Water Board GeoTracker Global ID: T10000008569	
Assessor Parcel Number: 49-619-5	Current Land Use: Commercial	
Responsible Party(s):	Address:	Phone:
East Bay Bridge Retail, LLC c/o Federal Realty Investment Trust Attn: Mr. Michael Strahs	356 Santana Row, Suite 1005 San Jose, CA 95128	----

Tank Information

Tank No.	Size (gal)	Contents	Closed in-Place / Removed	Date
---	2,000-gallon	Unknown	Removed	9/1/2015

Site Closure Evaluation Summary

Current Land-use at time of Closure

The subject site is located at the commercial East Bay Bridge Shopping Center in Emeryville, California. The site is currently occupied by commercial establishments, and the subject UST was located in front of the commercial building currently occupied by the Sports Authority establishment.

Due to residual contamination from previous land uses, the current (subject) case was closed with site management requirements previously established by the previously existing case: "Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093". These requirements include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site, among others. Closure of this case does not supersede existing land use restrictions.

Adjacent Property(ies) Land-use at Time of Closure

To the east and west are additional commercial buildings associated with the East Bay Bridge Shopping Center. To the north of the UST location, across an expansive commercial parking lot, are multifamily residential units. To the south is MacArthur Boulevard and the MacArthur Freeway (I-580). The commercial buildings to the east and west, and the parking lot and residential units to the north are covered under one or more site closures with land use restrictions including ones associated with the "Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093", and the "Ransome Company, T0600101124, RO0000049".

There are no specific offsite impacts from the subject UST case.

Should off-site redevelopment occur, ACDEH recommends evaluating the redevelopment site(s) for chemicals of concern (COC) identified on this site, as established and managed under the Yerba Buena – East Bay Bridge Center case (T10000004342; RO0003093). Land use restrictions for the current (subject) case do not supersede land use restrictions established for that case.

Historic Land-use / Site Investigation

The site was formerly used for industrial purposes consisting of railroad car repair and maintenance, automotive storage and repair, a trucking business, a railroad freight depot and passenger station, and general storage yards. Previous site investigations in the 1980's and 1990's were conducted prior to redevelopment associated with the current commercial land use. A Site Management Plan (SMP) was prepared in 1994 that provided protocols for on-going management of petroleum hydrocarbon contaminated soil that was moved to, and placed on, the greater subject site and capped by the current development. The upper approximately 4 to 5 feet of soil beneath the site is understood to be significantly contaminated by heavy-end Total Petroleum Hydrocarbons (TPH). The San Francisco Bay Regional Water Quality Control Board (RWQCB) issued a No Further Action letter on June 6, 2002 for chlorinated solvent related contamination encountered beneath the site, and adjacent sites. The ACDEH issued a No Further Action Letter on December 16, 2014 for petroleum related contamination (Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093), which also established land use restrictions for the larger site. A SMP Addendum to the 1994 SMP was prepared by the Cornerstone Earth Group in February 2, 2015 due to planned landscape improvements undertaken at that time. The UST that is the subject of this case is a historic UST that was not discovered at the time of redevelopment, but was discovered at the time of the landscape improvements.

Potential Exposure to Chemicals of Concern

COC for this UST include Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd), heating oil (TPHho), and motor oil (TPHmo). Very limited concentrations of petroleum hydrocarbon volatile compounds (PVOCs) were detected in soil, groundwater, or soil vapor. Direct contact is the principal potential exposure route for the chemicals at the site. Land use restrictions and the SMP were developed to manage these instances.

Pre-existing COC for the greater site due to past land uses included the COC listed above, and additionally include lead, benzo (a) pyrene, benzo (b) fluoranthene, and benzo (a) anthracene. As before, land use restrictions and the SMP were developed to manage subsurface incursions.

Remediation Activities

Limited additional soil excavation was conducted to accommodate removal of the UST. No remediation was otherwise conducted in association with this case.

Case Closure & Future Site Management Requirements

The subject site was evaluated to the criteria established by the State Water Board's LTCP. The site meets all eight General Criteria. Utilizing existing groundwater data generated during the current site investigation as well as from pre-re-development environmental investigations, the site meets Groundwater Criteria 1 (Groundwater plume is less than 100 feet in length, there is no free product, and the nearest existing water supply well is greater than 250 feet from the site). The site additionally meets the Vapor Intrusion to Indoor Air Criteria and the Direct Contact and Outdoor

Air Exposure Criteria. Residual contamination documented beneath the subject UST is significantly less, and vertically defined, than residual contamination from the pre-existing case.

Due to residual contamination at the site, the site is closed as a commercial site with site management requirements established by the Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093 case. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, ACDEH must be notified as required by Government Code Section 65850.2.2. ACDEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Refer to Attachments 1 through 5 for analysis details.

Site Management Requirements

Case closure is granted for the current commercial 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, Alameda County Department of Environmental Health (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 for the subject UST case.

Engineering Controls

Not Applicable for the subject UST case.

Underground Storage Tank
Case Closure Summary Form

Case Closure Public Notification Information

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	Nancy Humphrey City of Emeryville Environmental Programs Supervisor 1333 Park Avenue Emeryville, CA 94608
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 Dept. 1333 Park Avenue Emeryville, CA 94608
Owners and Occupants of Property and Adjacent Parcels	See List in Attachment 7	----

Monitoring Wells Status

Monitoring Wells (MW) Onsite: None	MWs Destroyed: Not Applicable
No MWs Destroyed: None	No. MWs Retained: None

Local Agency Signatures

Mark Detterman	Title: Senior Hazardous Materials Specialist
Signature: Mark E	Date: 6/8/2017
Paresh Khatri	Title: LOP Supervisor
Signature: Paresh Khatri	Date: 6/8/2017
Dilan Roe	Title: Chief, Land Water Division
Signature: Dilan Roe	Date: 6/8/2017

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, 2 pages)

Geotracker LTCP Checklist (Attachment 2, 1 page)

Groundwater Evaluation and Data (Attachment 3, 5 pages)

Vapor Intrusion Evaluation and Data (Attachment 4, 3 pages)

Soil Evaluation and Data (Attachment 5, 45 pages)

Responsible Party Information (Attachment 6, 2 pages)

Case Closure Public Notification Information (Attachment 7, 2 pgs)

ATTACHMENT 1

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

EMERY STREET (T10000008569) - MAP THIS SITE

PUBLIC PAGE

3839 EMERY STREET
EMERYVILLE , CA 94608
ALAMEDA COUNTY
LUST CLEANUP SITE
STATUS: OPEN - SITE ASSESSMENT

PERTINENT INFORMATION:
CR Site ID #: NOT SPECIFIED

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0003210* - *MARK DETTERMAN*
SAN FRANCISCO BAY RWQCB (REGION 2) - *Cherie McCaulou*

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

THIS PROJECT WAS LAST MODIFIED BY *MARK DETTERMAN* ON 6/8/2017 10:13:02 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
EMERY STREET (Global ID: T10000008569) 3839 EMERY STREET EMERYVILLE, CA 94608	Open - Site Assessment	3/2/2016	2/4/2016	1	ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0003210* ***CASEWORKER:*** *MARK DETTERMAN* - ***SUPERVISOR:*** *DILAN ROE* SAN FRANCISCO BAY RWQCB (REGION 2) ***CASEWORKER:*** *Cherie McCaulou* - ***SUPERVISOR:*** *Cheryl L. Prowell*

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

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

On September 15, 2015, one approximately 2,000-gallon underground storage tank (UST) was removed from the site. No holes were reported in the UST. Groundwater was not encountered in the excavation. One bottom sample was collected at a depth of 12 feet below surface grade (bgs) and four sidewall samples were collected from the excavation at a depth of approximately 8 feet bgs. Concentrations up to 3.5 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons as gasoline (TPHg), 350 mg/kg TPH as diesel (TPHd), 280 mg/kg TPH as oil (TPHo), 0.26 mg/kg naphthalene, and 0.0073 mg/kg ethylbenzene were detected from the sidewall samples. Concentrations of 1.7 mg/kg TPHg, 3,200 mg/kg TPHd, 3,400 mg/kg TPHo, 5.2 mg/kg naphthalene, and 0.0092 ethylbenzene were detected from the stockpile samples. The data indicate that an unauthorized release has occurred at the site.

Current Land-use at time of Closure

The subject site is located at the commercial East Bay Bridge Shopping Center in Emeryville, California. The site is currently occupied by commercial establishments, and the subject UST was located in front of the commercial building currently occupied by the Sports Authority establishment.

Due to residual contamination from previous land uses, the current (subject) case was closed with site management requirements previously established by the previously existing case: "Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093". These requirements include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site, among others. Closure of this case does not supersede existing land use restrictions.

Adjacent Property(ies) Land-use at Time of Closure

To the east and west are additional commercial buildings associated with the East Bay Bridge Shopping Center. To the north of the UST location, across an expansive commercial parking lot, are multifamily residential units. To the south is MacArthur Boulevard and the MacArthur Freeway (I-580). The commercial buildings to the east and west, and the parking lot and residential units to the north are covered under one or more site closures with land use restrictions including ones associated with the "Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093", and the "Ransome Company, T0600101124, RO0000049".

There are no specific offsite impacts from the subject UST case.

Should off-site redevelopment occur, ACDEH recommends evaluating the redevelopment site(s) for chemicals of concern (COC) identified on this site, as established and managed under the Yerba Buena – East Bay Bridge Center case (T10000004342; RO0003093). Land use restrictions for the current (subject) case do not supersede land use restrictions established for that case.

Historic Land-use / Site Investigation

The site was formerly used for industrial purposes consisting of railroad car repair and maintenance, automotive storage and repair, a trucking business, a railroad freight depot and passenger station, and general storage yards. Previous site investigations in the 1980's and 1990's were conducted prior to redevelopment associated with the current commercial land use. A Site Management Plan (SMP) was prepared in 1994 that provided protocols for on-going management of petroleum hydrocarbon contaminated soil that was moved to, and placed on, the greater subject site and capped by the current development. The upper approximately 4 to 5 feet of soil beneath the site is understood to be significantly contaminated by heavy-end Total Petroleum Hydrocarbons (TPH). The San Francisco Bay Regional Water Quality Control Board (RWQCB) issued a No Further Action letter on June 6, 2002 for chlorinated solvent related contamination encountered beneath the site, and adjacent sites. The ACDEH issued a No Further Action Letter on December 16, 2014 for petroleum related contamination (Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093), which also established land use restrictions for the larger site. A SMP Addendum to the 1994 SMP was prepared by the Cornerstone Earth Group in February 2, 2015 due to planned landscape improvements undertaken at that time. The UST that is the subject of this case is a historic UST that was not discovered at the time of redevelopment, but was discovered at the time of the landscape improvements.

Potential Exposure to Chemicals of Concern

COC for this UST include Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd), heating oil (TPHho), and motor oil (TPHmo). Very limited concentrations of petroleum hydrocarbon volatile compounds (PVOCs) were detected in soil, groundwater, or soil vapor. Direct contact is the principal potential exposure route for the chemicals at the site. Land use restrictions and the SMP were developed to manage these instances.

Pre-existing COC for the greater site due to past land uses included the COC listed above, and additionally include lead, benzo (a) pyrene, benzo (b) fluoranthene, and benzo (a) anthracene. As before, land use restrictions and the SMP were developed to manage subsurface incursions.

Remediation Activities

Limited additional soil excavation was conducted to accommodate removal of the UST. No remediation was otherwise conducted in association with this case.

Case Closure & Future Site Management Requirements

The subject site was evaluated to the criteria established by the State Water Board's LTCP. The site meets all eight General Criteria. Utilizing existing groundwater data generated during the current site investigation as well as from pre-re-development environmental investigations, the site meets Groundwater Criteria 1 (Groundwater plume is less than 100 feet in length, there is no free product, and the nearest existing water supply well is greater than 250 feet from the site). The site additionally meets the Vapor Intrusion to Indoor Air Criteria and the Direct Contact and Outdoor Air Exposure Criteria. Residual contamination documented beneath the subject UST is significantly less, and vertically defined, than residual contamination from the pre-existing case.

Due to residual contamination at the site, the site is closed as a commercial site with site management requirements established by the Yerba Buena – East Bay Bridge Center, T10000004342; RO0003093 case. If there is a proposed change in land use to any residential, or conservative land use, or if any redevelopment occurs, ACDEH must be notified as required by Government Code Section 65850.2.2. ACDEH will re-evaluate the site relative to the proposed redevelopment. Excavation or construction activities in areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities.

Refer to Attachments 1 through 5 of the closure summary for analysis details.

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
Diesel, Heating Oil / Fuel Oil	Commercial		Other	2/4/2016	Close and Remove Tank, Remove Contents	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	2/23/2017	6/5/2017	5/8/2017	8/30/2017	10/20/2016

CDPH WELLS WITHIN 1500 FEET OF THIS SITE

NONE

CALCULATED FIELDS (BASED ON LATITUDE / LONGITUDE)

APN	GW BASIN NAME	WATERSHED NAME
049 061900500	Santa Clara Valley - East Bay Plain (2-9.04)	South Bay - East Bay Cities (204.20)

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

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN GROUNDWATER - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
GW-1	9/27/2016		ND	ND	ND	OTHER	ND	ND

MOST RECENT CONCENTRATIONS OF PETROLEUM CONSTITUENTS IN SOIL - HIDE

VIEW ESI SUBMITTALS

FIELD PT NAME	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	MTBE	TBA
EB-1	9/27/2016		ND	ND	ND		ND	ND
SP-3	9/1/2015		ND	ND	9.2 UG/KG		ND	ND
TANK-1	9/1/2015		ND	ND	ND		ND	ND
TANK-2	9/1/2015		ND	ND	7.3 UG/KG		ND	ND
TANK-3	9/1/2015		ND	ND	ND		ND	ND
TANK-4	9/1/2015		ND	ND	ND		ND	ND
TANK-5	9/1/2015		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

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

EMERY STREET (T10000008569) - MAP THIS SITE

PUBLIC PAGE

3839 EMERY STREET
EMERYVILLE , CA 94608
ALAMEDA COUNTY
LUST CLEANUP SITE
STATUS: OPEN - SITE ASSESSMENT

PERTINENT INFORMATION:
CR Site ID #: NOT SPECIFIED

CLEANUP OVERSIGHT AGENCIES
ALAMEDA COUNTY LOP *(LEAD)* - *CASE #: RO0003210* - *MARK DETTERMAN*
SAN FRANCISCO BAY RWQCB (REGION 2) - *Cherie McCaulou*

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

THIS PROJECT WAS LAST MODIFIED BY *MARK DETTERMAN* ON 6/2/2017 6:00:03 PM - HISTORY

CLOSURE POLICY *THIS VERSION IS FINAL AS OF 6/2/2017* *CHECKLIST INITIATED ON 5/5/2016* CLOSURE POLICY HISTORY

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

a. Is the unauthorized release located within the service area of a public water system? — ◉ YES ○ NO
Name of Water System: EBMUD

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

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

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

2a - Scenario 4 (example): Direct Measurement of Soil Gas Concentrations — YES

i. Soil Gas Sampling Locations – No Bioattenuation Zone: — YES

- Beneath or adjacent to an existing building: Soil gas sample is collected at least 5 feet below the bottom of the building foundation. — ◉ YES ○ NO
- Future construction: The soil gas sample shall be collected from at least 5 feet below the ground surface (bgs). — ◉ YES ○ NO

ii. Soil Gas Sampling Locations – with Bioattenuation Zone: The criteria in Column A in the Soil Gas Criteria table (page 5 of the Policy) apply if the following requirements for a bioattenuation zone are satisfied: — NO

- Minimum of 5 feet of soil between the soil vapor measurement and the foundation of an existing or ground surface of future construction. — ◉ YES ○ NO
- TPH (TPHg + TPHd) is <100 mg/kg (measured in at least two depths within the 5-ft zone) — ○ YES ◉ NO
- Oxygen is ≥ 4% measured at the bottom of the 5-ft zone. — ○ YES ◉ NO

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

EXEMPTION - The upper 10 feet of soil is free of petroleum contamination — ○ YES ◉ NO

Does the site meet any of the Direct Contact and Outdoor Air Exposure criteria scenarios? — ◉ YES ○ NO

3(a) - Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in the following table (LINK) for the specified depth below ground surface. — ◉ YES ○ NO

Additional Information

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

Has this LTCP Checklist been updated for FY 16/17? — ◉ YES ○ NO

SPELL CHECK

Save Form as Partially Completed | Save Form as Complete

ATTACHMENT 3

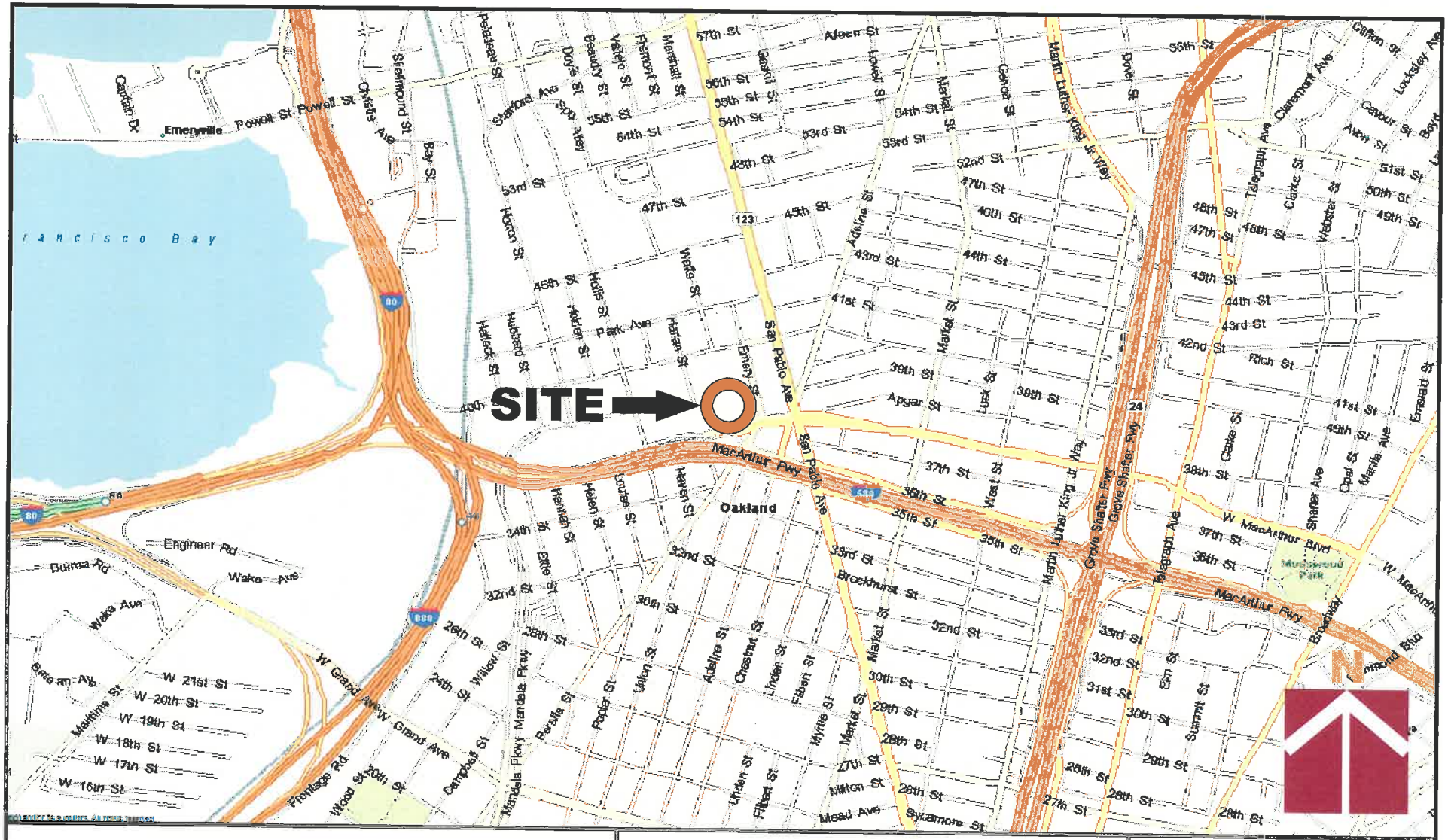
Attachment 3 – Groundwater Evaluation and Data

LTCP GROUNDWATER SPECIFIC CRITERIA - PETROLEUM						
Closure Scenario						
__ Site has not affected groundwater; _X_ **Scenario 1**; __ Scenario 2; __ Scenario 3; __ Scenario 4; __ Scenario 5; ___ This case should be closed in spite of not meeting the groundwater specific media criteria						
Shading indicates Site Specific Data and Bold Text indicates Evaluation Criteria						
Site Specific Data		**Scenario 1**	**Scenario 2**	**Scenario 3**	**Scenario 4**	**Scenario 5**
Plume Length	< 100 feet	**<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 or decreasing	**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)	~ 850 feet SSW (ACPWA) >2,000 (GAMA)	**>250 feet**	>1,000 feet	>1,000 feet	>1,000 feet	
Distance to Nearest Surface Water Body (from plume boundry)	Downgradient: 3,790 feet Cross Gradient: 3,900 feet Upgradient: 2,800 feet	**>250 feet**	**>1,000 feet**	**>1,000 feet**	**>1,000 feet**	
Benzene Concentrations (µg/l)	Historic Max: <0.5 Current Max: <0.5	**No criteria**	**<3,000**	**<1,000**	**<1,000**	
MTBE Concentrations (µg/l)	Historic Max: <0.5 Current Max: <0.5	**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: ACPWA = Alameda County Public Works Agency
GAMA = Groundwater Ambient Monitoring Assessment (GeoTracker)

Attachment 3 – Groundwater Evaluation and Data

Analysis	
Plume Length	Defined to water quality objectives. (Contaminant plume that exceeds water quality objectives is less than 100 feet.)
Free Product	Not observed at site.
Plume Stability	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) well survey indicates one abandoned water supply well at an approximate distance of 850 feet cross-gradient to the south-southwest 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.
Surface Water Bodies	San Francisco Bay is downgradient to the southwest at an approximate distance of 3,790 feet. Temescal Creek is approximately 3,900 feet crossgradient to the northwest, and approximately 2,800 feet upgradient.



CORNERSTONE EARTH GROUP

Vicinity Map

East Bay Bridge UST Removal
3839 Emery Street
Emeryville, CA

Project Number	371-5-3
Figure Number	Figure 1
Date	September 2015
Drawn By	RRN

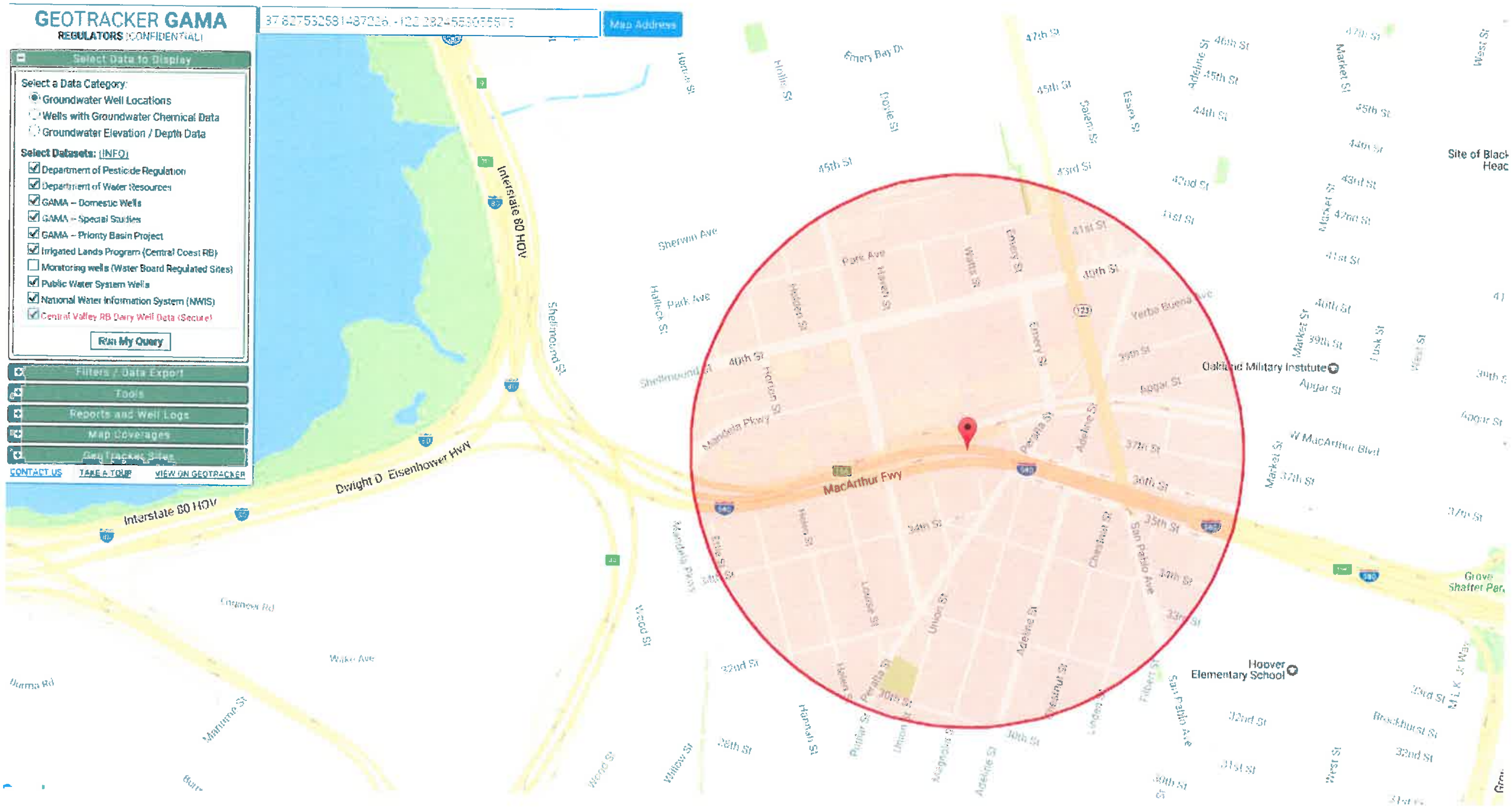

GEOTRACKER GAMA
REGULATORS (CONFIDENTIAL)
Map Address
Select Data to Display
Select a Data Category:
Groundwater Well Locations
Wells with Groundwater Chemical Data
Groundwater Elevation / Depth Data
Select Datasets: (INFO)
Department of Pesticide Regulation
Department of Water Resources
GAMA – Domestic Wells
GAMA – Special Studies
GAMA – Priority Basin Project
Irrigated Lands Program (Central Coast RB)
Monitoring wells (Water Board Regulated Sites)
Public Water System Wells
National Water Information System (NWIS)
Central Valley RB Dairy Well Data (Secure)
Run My Query
Filters / Data Export
Tools
Reports and Well Logs
Map Coverages
GeoTracker Sites
CONTACT US
TAKE A TOUR
VIEW ON GEOTRACKER
Interstate 80 HOV
Dwight D Eisenhower Hwy
MacArthur Fwy
Oakland Military Institute
Hoover Elementary School
San Pablo Ave
Mandela Pkwy
Shellmound St
W MacArthur Blvd
Site of Black Heac
Grove Shafter Par

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Table 2. Analytical Results of Selected Ground Water Samples
(Concentrations in µg/L)

Sample ID	Date	TPHd	TPHd (Silica Gel Cleanup)	TPHo	TPHo (Silica Gel Cleanup)	TPHg	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-xylene	MTBE	ETBE	TBA	TAME	DIPE	EDB	1,2-DCA
GW-1	9/27/2016	1,100 Y	<50	1,100	<300	<50	[illegible]	[illegible]	[illegible]	0.70	0.50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ESL[1] - Tier 1		100	100	50,000	50,000	100	1.0	40	13	20	20	5.0	NE	12	NE	NE	0.05 [2]	0.5

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - February 2016.
Y Laboratory noted that sample exhibits chromatographic pattern that does not resemble the diesel standard.
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed

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; _X_ **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;
__ Case closed in spite of not meeting the vapor specific media criteria

Shading indicates Site Specific Data and Bold Text indicates Evaluation Criteria

Site Specific Data		Scenario 1	Scenario 2	Scenario 3A	Scenario 3B	Scenario 3C	Scenario 4a	Scenario 4b
Unweathered LNAPL	No LNAPL	LNAPL in gw	LNAPL in soil	**No LNAPL**	**No LNAPL**	**No LNAPL**	**No criteria**	**No criteria**
Thickness of Bioattenuation Zone Beneath Foundation	< 5 feet	≥30 feet	≥30 feet	≥5 feet	≥10 feet	≥5 feet	**No criteria**	≥ 5 feet
Depth to Shallowest Groundwater	16 feet	≥30 feet	≥30 feet	**≥5 feet**	**≥10 feet**	**≥ 5 feet**	**≥ 5 feet**	**≥ 5 feet**
Total TPHg & TPHd in Soil in Bioattenuation Zone	3,200 mg/kg*	<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	< 0.5 µg/L	**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	1.5%	**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	~ 5 feet	No criteria	No criteria	No criteria	No criteria	No criteria	**5 feet**	**5 feet**
Benzene Concentrations ($\mu g/m^3$)	Historic Max: 7.0 Current Max: 7.0	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: < 8.9 Current Max: < 8.9	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: < 43 Current Max: < 43	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	The site meets Scenario 4A of the Low Threat Closure Policy. * = TPH contamination is related to historic placement of contaminated fill during site redevelopment in the 1990's, and is unrelated to this UST.
Offsite	The petroleum hydrocarbon plume does not extend offsite.

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Table 3. Analytical Results of Selected Soil Vapor Samples
(Concentrations in µg/m³, %)

Sample ID	Date	Depth (feet)	TPHg	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-xylene	Iso-propanol	Naph-thalene	Ethanol	Carbon Dioxide (%)	Methane (%)	Oxygen (%)
SV-1	9/27/2016	6½	7,000	7.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61	22	2	1.5
ESL[1] - Tier 1			50,000	48	160,000	560	52,000	52,000	NE	41	NE	NE	NE	NE

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - February 2016.
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds selected environmental screening criteria

ATTACHMENT 5

Attachment 5 – Direct Contact Evaluation and Data

LTCP DIRECT CONTACT AND OUTDOOR AIR EXPSURE CRITERIA

Closure Scenario

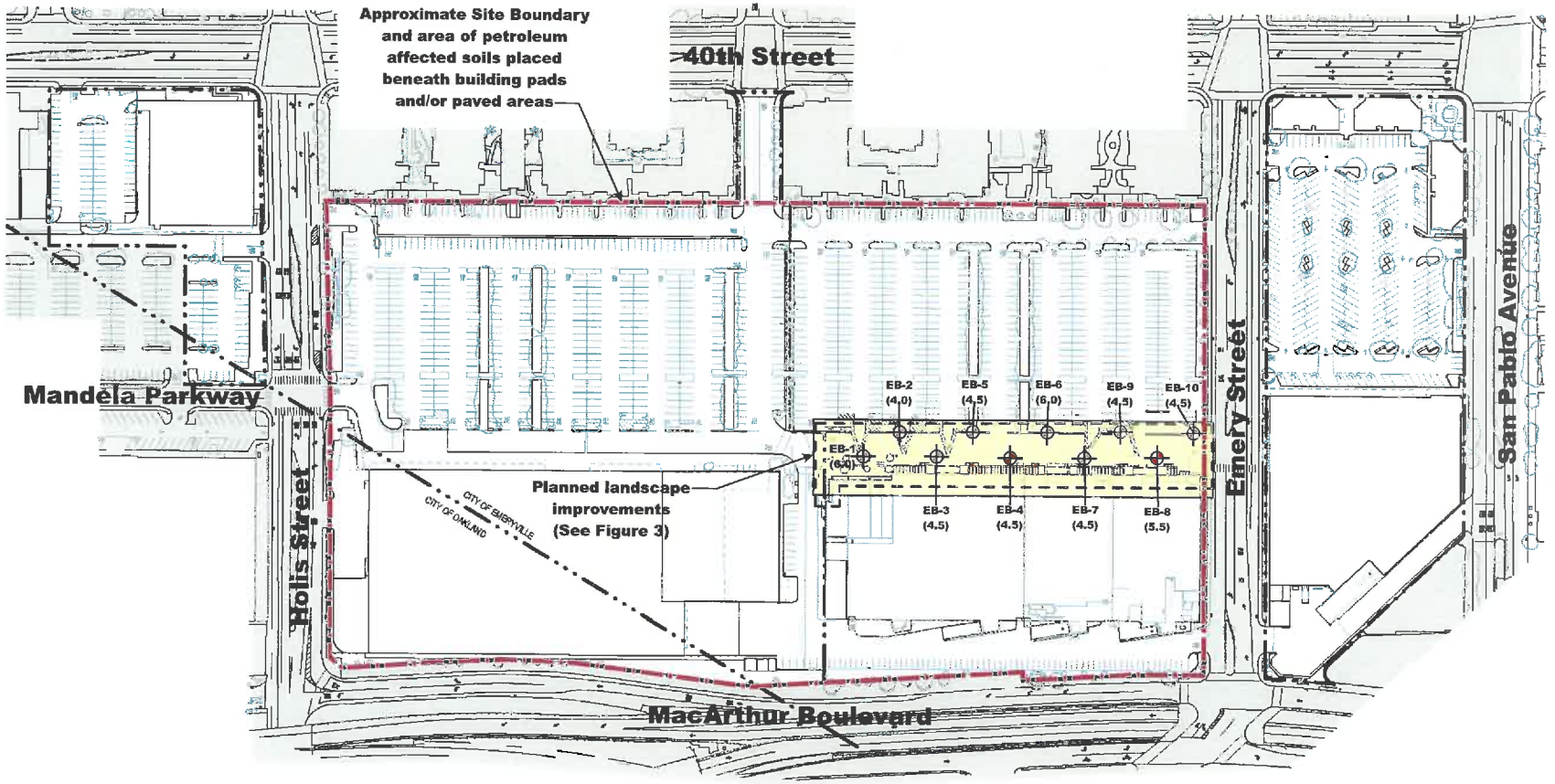
__ Exemption (no petroleum hydrocarbons in upper 10 feet), __X__ **Maximum concentrations of petroleum hydrocarbons are less than or equal to those in Table 1 below**, __ Site-specific risk assessment, __ A determination has been made that the concentrations of petroleum in soil will have no significant risk of adversely affecting human health, __ 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.

Shading indicates Site Specific Data that meets the Evaluation Criteria and Bold Text indicates Evaluation Criteria

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	< 0.0056	< 0.0069	< 0.0056	< 0.0069	< 0.0069
LTCP Criteria	Benzene	**≤ 1.9**	**≤ 2.8**	**≤ 8.2**	**≤ 12**	**≤ 14**
Site Maximum	Ethylbenzene	< 0.0056	< 0.0069	< 0.0056	< 0.0069	< 0.0069
LTCP Criteria	Ethylbenzene	**≤ 21**	**≤ 32**	**≤ 89**	**≤ 134**	**≤ 314**
Site Maximum	Naphthalene	< 0.011	0.26	< 0.011	0.26	0.26
LTCP Criteria	Naphthalene	**≤ 9.7**	**≤ 9.7**	**≤ 45**	**≤ 45**	**≤ 219**
Site Maximum	PAHs	0.65	----	0.65	----	0.65
LTCP Criteria	PAHs	**≤ 0.063**	**NA**	**≤ 0.68**	**NA**	**≤ 4.5**

Direct Contact and Outdoor Air Analysis

Onsite	This site does not meet the residential PAH 0 to 5 foot depth interval of this LTCP criterion; however, meets the commercial criteria for the 0 to 5 foot depth interval.
Offsite	The petroleum hydrocarbon plume does not extend offsite.



Legend

EB-1 (6.0) Approximate location of soil boring (SB) and approximate depth of fill material in feet

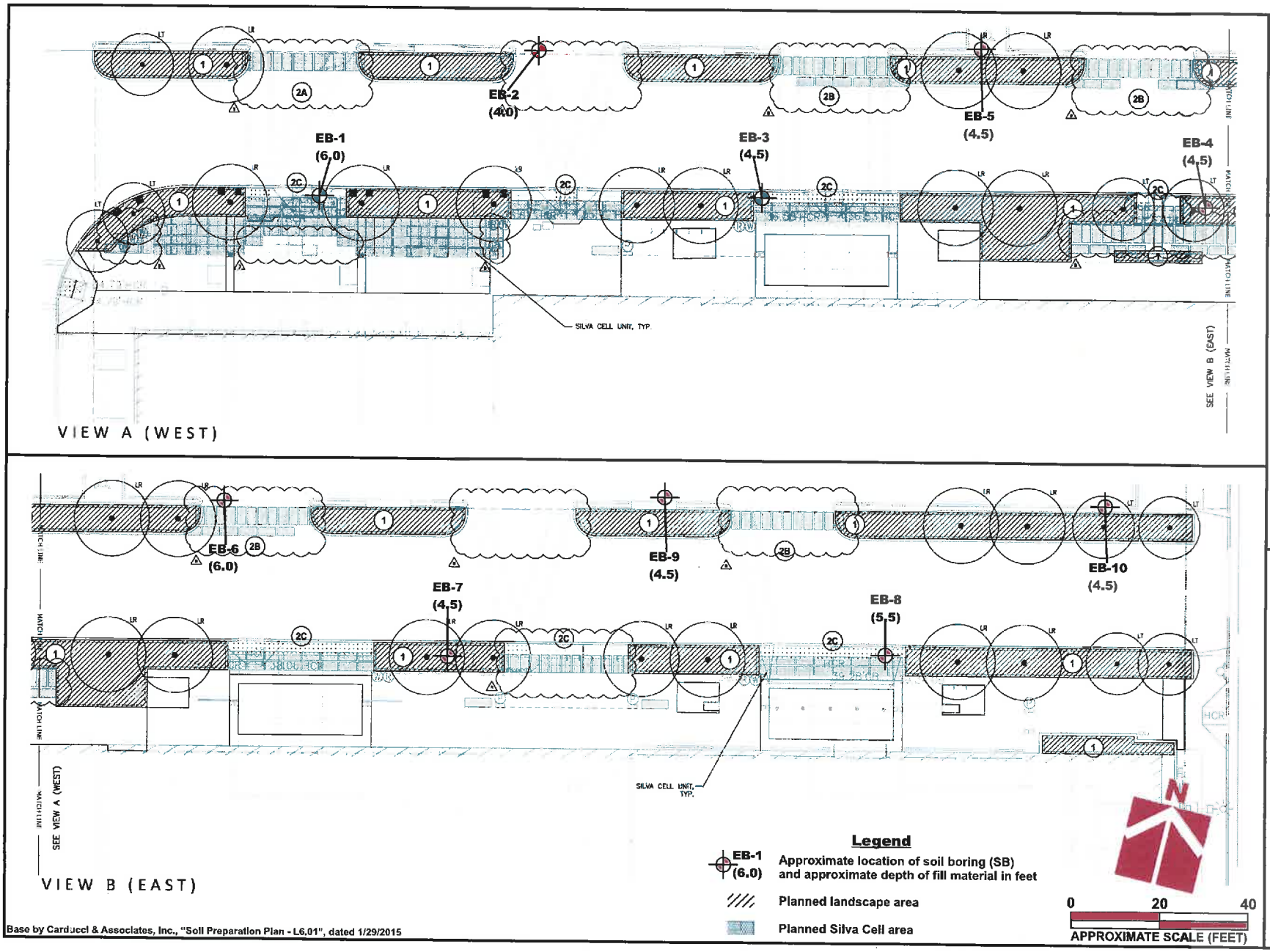
Base by Field Paoli Architects, "Site Plan - A 0.4", dated 10/16/2014

Site Plan

East Bay Bridge Project
3839 Emery Street
Emeryville, CA

Project Number 371-5-1
Figure Number Figure 2
Date January 2015
Drawn By RRN

CORNERSTONE EARTH GROUP



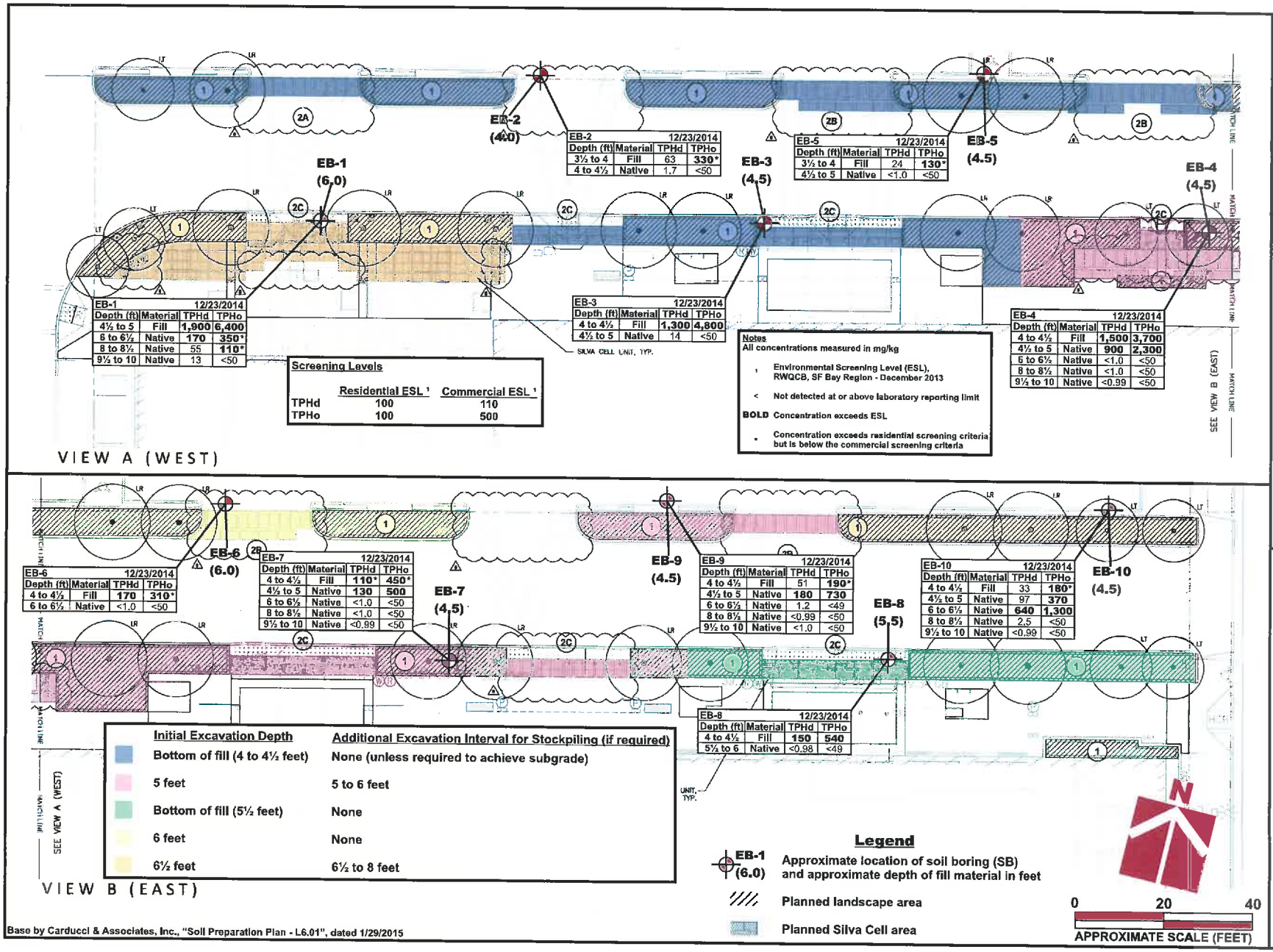
Base by Carducci & Associates, Inc., "Soil Preparation Plan - L6.01", dated 1/29/2015

Planned Landscape Improvements

East Bay Bridge Project
3839 Emery Street
Emeryville, CA

Project Number 371-5-1
Figure Number Figure 3
Date January 2015
Drawn By RRN

CORNERSTONE EARTH GROUP

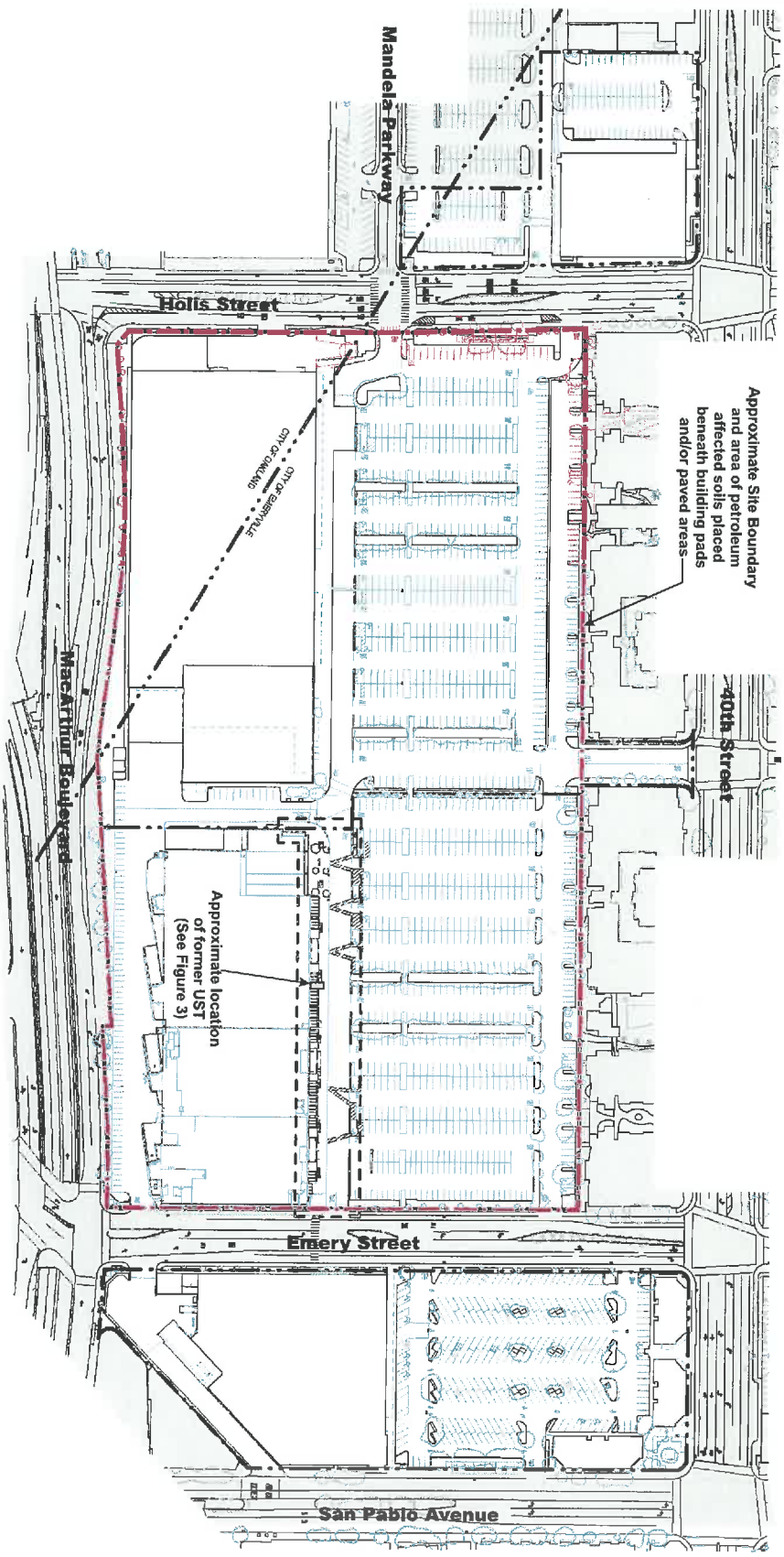


Soil Analytical Data and Excavation Plan

East Bay Bridge Project
3839 Emery Street
Emeryville, CA

Project Number 371-5-1
Figure Number Figure 4
Date January 2015
Drawn By RRN

CORNERSTONE EARTH GROUP



Base by Fleic Paoli Architects, "Site Plan - A 0.4", dated 10/16/2014

0 150 300
APPROXIMATE SCALE (FEET)

N

CORNERSTONE EARTH GROUP

Site Plan

East Bay Bridge Project
3839 Emery Street
Emeryville, CA

Project Number: 371-5-4

Figure Number: Figure 2

Date: October 2016

Drawn By: RRN

Legend

- Approximate location of exploratory boring (EB)/ soil vapor sample (SV)
- Approximate location of UST excavation verification sample (Cornerstone, 2015)
- Approximate location of UST excavation

0 20 40

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 9/7/2015

UST and Verification Sample Location

East Bay Bridge Project
3839 Emery Street
Emeryville, CA

Project Number	371-5-4
Figure Number	Figure 3
Date	October 2016
Drawn By	RRN

CORNERSTONE EARTH GROUP

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Table A. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample Location	Sample ID	Date	Depth (feet)	Material	TPHd	TPHo	TPHg	Acetone	Other VOCs
EB-1	EB-1 (4.5-5)	12/23/2014	4½-5	Fill	**1,900**	**6,400**	<0.23	0.089	ND
	EB-1 (6-6.5)	12/23/2014	6-6½	Native	**170**	**350***	<0.23	<0.047	ND
	EB-1 (8-8.5)	12/23/2014	8-8½	Native	55	**110***	---	---	---
	EB-1 (9.5-10)	12/23/2014	9½-10	Native	13	<50	---	---	---
EB-2	EB-2 (3.5-4)	12/23/2014	3½-4	Fill	63	**330***	<0.25	0.053	ND
	EB-2 (4-4.5)	12/23/2014	4-4½	Native	1.7	<50	---	---	---
EB-3	EB-3 (4-4.5)	12/23/2014	4-4½	Fill	**1,300**	**4,800**	<0.23	<0.047	ND
	EB-3 (4.5-5)	12/23/2014	4½-5	Native	14	<50	---	---	---
EB-4	EB-4 (4-4.5)	12/23/2014	4-4½	Fill	**1,500**	**3,700**	<0.28	<0.056	ND
	EB-4 (4.5-5)	12/23/2014	4½-5	Native	**900**	**2,300**	---	---	---
	EB-4 (6-6.5)	12/23/2014	6-6½	Native	<1.0	<50	---	---	---
	EB-4 (8-8.5)	12/23/2014	8-8½	Native	<1.0	<50	---	---	---
	EB-4 (9.5-10)	12/23/2014	9½-10	Native	<0.99	<50	---	---	---
EB-5	EB-5 (3.5-4)	12/23/2014	3½-4	Fill	24	**130***	<0.26	<0.052	ND
	EB-5 (4.5-5)	12/23/2014	4½-5	Native	<1.0	<50	---	---	---
EB-6	EB-6 (4-4.5)	12/23/2014	4-4½	Fill	**170**	**310***	<0.25	<0.05	ND
	EB-6 (6-6.5)	12/23/2014	6-6½	Native	<1.0	<50	---	---	---
EB-7	EB-7 (4-4.5)	12/23/2014	4-4½	Fill	**110***	**450***	<0.22	<0.043	ND
	EB-7 (4.5-5)	12/23/2014	4½-5	Native	**130**	**500**	---	---	---
	EB-7 (6-6.5)	12/23/2014	6-6½	Native	<1.0	<50	---	---	---
	EB-7 (8-8.5)	12/23/2014	8-8½	Native	<1.0	<50	---	---	---
	EB-7 (9.5-10)	12/23/2014	9½-10	Native	<0.99	<50	---	---	---
EB-8	EB-8 (4-4.5)	12/23/2014	4-4½	Fill	**150**	**540**	<0.25	<0.05	ND
	EB-8 (5.5-6)	12/23/2014	5½-6	Native	<0.98	<49	---	---	---
EB-9	EB-9 (4-4.5)	12/23/2014	4-4½	Fill	51	**190***	<0.21	<0.042	ND
	EB-9 (4.5-5)	12/23/2014	4½-5	Native	**180**	**730**	---	---	---
	EB-9 (6-6.5)	12/23/2014	6-6½	Native	1.2	<49	---	---	---
	EB-9 (8-8.5)	12/23/2014	8-8½	Native	<0.99	<50	---	---	---
	EB-9 (9.5-10)	12/23/2014	9½-10	Native	<1.0	<50	---	---	---
EB-10	EB-10 (4-4.5)	12/23/2014	4-4½	Fill	33	**180***	<0.24	<0.049	ND
	EB-10 (4.5-5)	12/23/2014	4½-5	Native	97	**370**	---	---	---
	EB-10 (6-6.5)	12/23/2014	6-6½	Native	**640**	**1,300**	---	---	---
	EB-10 (8-8.5)	12/23/2014	8-8½	Native	2.5	<50	---	---	---
	EB-10 (9.5-10)	12/23/2014	9½-10	Native	<0.99	<50	---	---	---
Residential ESL[1]					100	100	100	0.5	Varies
Commercial ESL[1]					110	500	500	0.5	Varies

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region – December 2013
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds ESL
* Concentration exceeds residential screening criteria but is below the commercial screening criteria

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Table B. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample ID	Location	Date	Material	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Lead STLC	Mercury	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
COMPOSITE-1	EB-1(4-4.5) and EB-2(3-3.5)	12/23/2014	Fill	1.4	4.9	140	0.23	0.23	24	6.7	31	**120**	2.0	0.24	25	<0.88	<0.22	<0.44	26	130
COMPOSITE-2	EB-3(3.5-4) and EB-4(3.5-4)	12/23/2014	Fill	<1.9	5.9	170	0.46	<0.47	38	9.1	29	35	---	0.17	44	<3.8	<0.94	<1.9	35	77
COMPOSITE-3	EB-5(3-3.5) and EB-6(3.5-4)	12/23/2014	Fill	<1.3	6.2	140	<0.25	<0.32	28	8.8	25	64	14 (2)*	0.27	32	<2.5	<0.64	<1.3	28	56
EB-5(3-3.5)	Discrete sample from EB-5(3-3½ ft)	12/23/2014	Fill	---	---	---	---	---	---	---	---	64	2.5	---	---	---	---	---	---	---
EB-6(3.5-4)	Discrete sample from EB-6(3-3½ ft)	12/23/2014	Fill	---	---	---	---	---	---	---	---	13	0.37	---	---	---	---	---	---	---
COMPOSITE-4	EB-7(3.5-4) and EB-8(3.5-4)	12/23/2014	Fill	0.48	6.5	130	0.31	1.3	31	7.4	30	45	---	0.15	33	0.99	0.29	0.68	31	68
COMPOSITE-5	EB-9(3.5-4) and EB-10(3.5-4)	12/23/2014	Fill	<1.5	11	140	0.30	2.1	37	7.1	45	60	3.0	0.23	35	<3.0	<0.75	<1.5	35	89
Residential ESL[1]				20	0.39	750	4	12	1,000	23	230	80	n/a	6.7	150	10	20	0.78	200	600
Commercial ESL[1]				40	1.6	1,500	8	12	2,500	80	230	320	n/a	10	150	10	40	10	200	600
Scott, 1991 [2]	Background Range			NE	0.2 to 5.5	NE	0.3 to 1.4	0.05 to 1.7	30.5 to 72	NE	23.8 to 47.5	6.8 to 16.1	n/a	0.05 to 0.90	46.4 to 101	NE	NE	NE	39 to 288	47.7 to 82.8
	Maximum Background Detection			22	20	NE	3.2	14	170	NE	67	54	n/a	1.3	145	4	4.8	3.8	NE	120
Bradford, 1996 [3]	Background Range			0.15 to 1.95	0.6 to 11	133 to 1,400	0.25 to 2.7	0.05 to 1.7	23 to 1,579	2.7 to 46.9	9.1 to 96.4	12.4 to 97.1	n/a	0.05 to 0.90	9 to 509	0.015 to 0.43	0.1 to 8.3	0.42 to 0.9846	39 to 288	88 to 236
	Upper Quartile			0.73	4.7	625	1.53	0.44	115	18.3	36.6	26.7	n/a	0.34	56	0.05	0.53	1.1	134	170
LBNL, 2009 [4]	99th Percentile			<6	28	410	1	5.6	120	25	63	43	n/a	0.42	272	4.9	2.9	10	90	140
	95% Upper Tolerance Limit (UTL)			5.5	19.1	323.6	1	2.7	99.6	22.2	69.4	16.1	n/a	0.4	119.8	5.6	1.8	7.6	74.3	106.1
Duverge, 2011 [5]	Mean			NE	4.6	NE	NE	NE	NE	NE	NE	NE	n/a	NE	NE	NE	NE	NE	NE	NE
	99th Percentile			NE	11	NE	NE	NE	NE	NE	NE	NE	n/a	NE	NE	NE	NE	NE	NE	NE
TTLC [6]				500	500	10,000	75	100	2,500	8,000	2,500	1,000	n/a	20	2,000	100	500	700	2,400	5,000
STLC [7] (mg/L)				15	5	100	0.75	1	5	80	25	n/a	5	0.2	20	1	5	7	24	250

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region – December 2013
2 Scott, Christina. December 1991. *Background Metal Concentrations in Soils in Northern Santa Clara County*.
3 Bradford, et. al. March 1996. *Background Concentrations of Trace and Major Elements in California Soils.*
4 LBNL, 2009. *Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory.*
5 Duverge, 2011. *Establishing Backround Arsenic in Soil of the Urbanized San Francisco Bay Region.*
6 Total Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
7 Soluble Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds ESL or background range
* The two discrete samples (EB-5 and EB-6) used in the 2-point Composite-3 sample were analyzed for STLC lead, and the concentration was below the STLC limit. The Composite-3 sample was reanalyzed and soluble lead was detected at a concentration of 2 mg/L.

CORNERSTONE EARTH GROUP

Table C. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample ID	Location	Date	Material	PCBs	Pesticides	Anthracene	Benz(a) anthracene	Benzo(g,h,i) perylene	Benzo[a] pyrene	Benzo[b] fluoranthene	Benzo[k] fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Indeno (1,2,3-cd) pyrene	Pyrene
COMPOSITE-1	EB-1(4-4.5) and EB-2(3-3.5)	12/23/2014	Fill	ND	ND	0.14	**0.44***	0.15	**0.47**	**0.71***	0.32	0.45	0.051	0.80	0.15	1.3
COMPOSITE-2	EB-3(3.5-4) and EB-4(3.5-4)	12/23/2014	Fill	ND	ND	<0.05	0.10	0.066	**0.11***	0.17	0.055	0.14	<0.05	0.20	0.055	0.28
COMPOSITE-3	EB-5(3-3.5) and EB-6(3.5-4)	12/23/2014	Fill	ND	ND	<0.025	0.03	<0.025	0.037	0.056	<0.025	0.047	<0.025	0.068	<0.025	0.093
COMPOSITE-4	EB-7(3.5-4) and EB-8(3.5-4)	12/23/2014	Fill	ND	ND	<0.025	0.046	0.034	**0.063***	0.099	0.03	0.067	<0.025	0.094	0.027	0.13
COMPOSITE-5	EB-9(3.5-4) and EB-10(3.5-4)	12/23/2014	Fill	ND	ND	<0.05	<0.05	<0.05	**0.052***	0.079	<0.05	0.056	<0.05	0.084	<0.05	0.11
Residential ESL[1]				Variable	Variable	2.8	0.38	27	0.038	0.38	0.38	3.8	0.11	40	0.38	85
Commercial ESL[1]				Variable	Variable	2.8	1.3	27	0.13	1.3	1.3	13	38	40	1.3	85

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region – December 2013
< Not detected at or above laboratory reporting limit
ND Not detected at or above reporting limit
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds ESL or RSL
* Concentration exceeds residential screening criteria but is below the commercial screening criteria

CORNERSTONE EARTH GROUP

Table 1. Analytical Results of Selected Soil Samples

(Concentrations in mg/kg)

Sample ID	Date	Depth (feet)	TPHd	TPHo	TPHg	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-xylene	Naph-thalene	MTBE	ETBE	TBA	TAME	DIPE	EDB	1,2-DCA
UST Pit Confirmation Samples																		
TANK-1	9/1/2015	12	50	83	3.5				0.011	0.0096	0.12							
TANK-2	9/1/2015	12	350	280	1.2			0.0073	0.016	0.021	0.26							
TANK-3	9/1/2015	8									0.002							
TANK-4	9/1/2015	8	160	110							0.13							
TANK-5	9/1/2015	12	9.6	8.3														
Exploratory Boring Samples																		
EB-1 (7.5-8)	9/27/2016	7½-8	60 Y	1,300					0.012									
EB-1 (14.5-15)	9/27/2016	14½-15	1.3 Y	6.8														
Low Threat Closure Criteria (Residential, 0 to 5 feet) [1]			NE	NE	NE	1.9	NE	21	NE	NE	9.7	NE	NE	NE	NE	NE	NE	NE
ESL[2] - Tier 1			230 (570)[3]	5,100	100	0.044	2.9	1.4	2.3	2.3	0.033 [4]	0.023	NE	0.075	NE	NE	0.00033	0.0045
ESL[2] - Commercial			570	5,100	500	0.044	2.9	1.4	2.3	2.3	0.033 [4]	0.023	NE	0.075	NE	NE	0.00033	0.0045

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - February 2016.
2 Concentration of Petroleum Constituents in Soil that will have No Significant Risk of Adversely Affecting Human Health, Low Threat Closure Criteria, Residential 0 to 5 feet exposure scenario (most conservative), Water Board, 2012
3 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - February 2016.
4 The TPHd ESL is based on direct exposure. The ESL for TPHd based on leaching to a ground water source is 570 mg/kg.
5 Detected concentrations of mnphthalene and ethylbenzene are compared to their respective Low Threat Closure Policy Criteria
Y Laboratory noted that sample exhibits chromatographic pattern that does not resemble the diesel standard.
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds Low-Threat Closure Policy Criteria. If not established, Bold concentrations exceeds Commercial ESL.

CORNERSTONE EARTH GROUP

Table 2. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample ID	Sample Location	Date	TPHd	TPHo	TPHg	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-xylene	MTBE	EDB	ETBE	TBA	TAME	DIPE	1,2-DCA	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Naphthalene	n-Propylbenzene	sec-Butylbenzene
TANK-1	Bottom - South	9/1/2015	50	83	3.5	<0.006	<0.006	<0.006	0.011	0.0096	<0.006	<0.006	<0.006	<0.12	<0.006	<0.006	<0.006	0.034	0.0076	<0.006	0.12	<0.006	<0.006
TANK-2	Bottom - Center	9/1/2015	350	280	1.2	<0.0068	<0.0068	0.0073	0.016	0.021	<0.0068	<0.0068	<0.0068	<0.14	<0.0068	<0.0068	<0.0068	0.11	0.018	0.014	0.26	0.010	<0.0068
TANK-3	Sidewall - West	9/1/2015	<1	<5	<0.23	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.11	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.006	<0.0057	<0.0057
TANK-4	Sidewall - East	9/1/2015	160	110	<0.22	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.11	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.006	<0.0054	<0.0054
TANK-5	Bottom - North	9/1/2015	9.6	8.3	<0.26	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.12	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.006	<0.0059	<0.0059
COMPOSITE-1	Soil Stockpile	9/1/2015	**3,200**	**3,400**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SP-3	Soil Stockpile	9/1/2015	---	---	1.7	<0.0069	<0.0069	0.0092	0.012	0.026	<0.0069	<0.0069	<0.0069	<0.14	<0.0069	<0.0069	<0.0069	0.16	0.016	0.02	**5.2**	0.016	0.008
TS-1*	Tank Contents	7/13/2015	440,000	200,000	1,400	<25	<25	<25	51	36	<25	<25	<25	<25	<25	<25	<25	220	49	35	830	57	<25
Commercial ESL[1]			110 1,100[2]	500	500	0.044	2.9	3.3	NE	NE	0.023	0.00033	NE	0.075	NE	NE	0.0045	NE	NE	NE	1.2	NE	NE

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - December 2013
2 Commercial ESL for Direct Exposure
< Not detected at or above laboratory reporting limit
NE Not Established
--- Not Analyzed
BOLD Concentration exceeds selected environmental screening criteria
* Tank contents sample collected for disposal puposes and is not compared to the screening limits.

CORNERSTONE EARTH GROUP

Table 1. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample ID	Sample Location	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc
TANK-1	Bottom - South	9/1/2015	2.5	1.1	190	0.56	0.92	37	8.3	15	11	0.11	0.27	50	36	54
TANK-2	Bottom - Center	9/1/2015	0.85	3.7	110	0.44	1.0	31	4.6	9.4	8.6	0.081	0.4	25	36	40
TANK-3	Sidewall - West	9/1/2015	1.9	3.2	220	0.81	0.6	39	7.5	12	3.9	0.049	0.5	46	37	45
TANK-4	Sidewall - East	9/1/2015	1.5	2.5	150	0.68	0.49	35	6.6	10	3.4	0.088	0.53	34	31	41
TANK-5	Bottom - North	9/1/2015	1.8	2.4	200	0.61	0.73	42	7.7	15	3.9	0.087	0.51	64	39	56
COMPOSITE-1	Soil Stockpile	9/1/2015	1.9	4.6	230	0.51	0.87	36	10	20	40	0.069	0.67	46	42	63
TS-1*	Tank Contents	7/13/2015	<4.0	<2.0	<2.0	<0.80	<2.0	<2.0	<2.0	<2.0	<2.0	<0.017	<2.0	3.1	9.9	<2.0
Commercial ESL[1]			40	1.6	1,500	8	12	2,500	80	230	320	10	40	150	200	600
Scott, 1991 [2]	Background Range			0.2 to 5.5	---	0.3 to 1.4	0.05 to 1.7	30.5 to 72	---	23.8 to 47.5	6.8 to 16.1	0.05 to 0.90	---	46.4 to 101	39 to 288	47.7 to 82.6
	Maximum Background Detection			20	---	3.2	14	170	---	67	54	1.3	---	145	---	120
Bradford, 1996 [3]	Background Range			0.6 to 11	133 to 1,400	0.25 to 2.7	0.05 to 1.7	23 to 1,579	2.7 to 46.9	9.1 to 96.4	12.4 to 97.1	0.05 to 0.90	0.1 to 9.6	9 to 509	39 to 288	88 to 236
	Upper Quartile			4.7	625	1.53	0.44	115	18.3	36.6	26.7	0.34	1.4	56	134	170
LBNL, 2009 [4]	99th Percentile			28	410	1	5.6	120	25	63	43	0.42	4.8	272	90	140
	95% Upper Tolerance Limit (UTL)			19.1	323.6	1	2.7	99.6	22.2	69.4	16.1	0.4	7.4	119.8	74.3	106.1
Duverge, 2011 [5]	Mean			4.6	---	---	---	---	---	---	---	---	---	---	---	---
	99th Percentile			11	---	---	---	---	---	---	---	---	---	---	---	---
TTLC [6]				500	10000	75	100	2500	8000	2500	1000	20	3500	2000	2400	5000
STLC [7] (mg/L)				5	100	0.75	1	5	80	25	5	0.2	350	20	24	250

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region - December 2013
2 Scott, Christina. December 1991. Background Metal Concentrations in Soils in Northern Santa Clara County.
3 Bradford, et. al. March 1996. Background Concentrations of Trace and Major Elements in California Soils.
4 LBNL, 2009. Analysis of Background Distributions of Metals in the Soil at Lawrence Berkeley National Laboratory.
5 Duverge, 2011. Establishing Backround Arsenic in Soil of the Urbanized San Francisco Bay Region.
6 Total Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
7 Soluble Threshold Limit Concentration - California Code of Regulations, Title 22, Chapter 11, Article 3.
BOLD Concentration exceeds selected environmental screening criteria and/or background concentration
* Tank contents sample collected for disposal puposes and is not compared to the screening limits.

CORNERSTONE EARTH GROUP

Table 3. Analytical Results of Selected Soil Samples
(Concentrations in mg/kg)

Sample ID	Sample Location	Date	PCBs	Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene	Benzo(g,h,i) perylene	Benzo[a]pyrene	Benzo[b] fluoranthene	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	2-Methylnaphthalene
TANK-1	Bottom - South	9/1/2015	ND	0.022	<0.05	0.029	0.037	0.02	0.029	0.026	0.063	0.036	0.041	0.012	0.062	0.13	0.085	<0.05
TANK-2	Bottom - Center	9/1/2015	ND	0.13	<0.25	0.35	0.21	<0.25	0.10	0.05	0.36	0.1	0.26	<0.25	0.17	0.43	0.47	<0.25
TANK-3	Sidewall - West	9/1/2015	ND	0.0023	<0.005	0.0036	0.0026	<0.005	0.0013	<0.005	0.0047	0.0018	0.005	<0.005	0.002	0.017	0.0057	<0.005
TANK-4	Sidewall - East	9/1/2015	ND	0.064	0.0089	0.083	0.061	0.0065	0.026	0.012	0.092	0.032	0.1	<0.015	0.13	0.32	0.13	<0.015
TANK-5	Bottom - North	9/1/2015	ND	0.0024	<0.005	0.0016	0.0013	<0.005	<0.005	<0.005	0.002	<0.005	0.0017	<0.005	<0.005	0.0055	0.0028	<0.005
Composite-1	Soil Stockpile	9/1/2015	ND	0.91	0.093	0.60	0.42	0.070	**0.20**	0.13	0.69	0.49	1.1	<0.25	0.97	2.9	0.98	<0.25
TS-1*	Tank Contents	7/13/2015	ND	<5,000	<5,000	220 J	<5,000	<5,000	<5,000	<5,000	<5,000	<5,000	340 J	<5,000	920 J	1,100 J	<5,000	<5,000
Commercial ESL[1]			Variable	16	13	2.8	1.3	27	0.13	1.3	13	40	8.9	1.3	1.2	11	85	85

1 Environmental Screening Level (ESL), RWQCB, San Francisco Bay Region -
< Not detected at or above laboratory reporting limit
ND Not detected at or above reporting limit
NE Not Established
J Concentration detected above the method detection limit but below the reporting limit
BOLD Concentration exceeds selected environmental screening criteria
* Tank contents sample collected for disposal puposes and is not compared to the screening limits.

Client Sample ID: EB-1 (4.5-5)
Date Collected: 12/23/14 13:11
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-7
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Acetone	**89**		45		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Benzene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Dichlorobromomethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Bromobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chlorobromomethane	ND		18		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Bromoform	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Bromomethane	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
2-Butanone (MEK)	ND		45		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
n-Butylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
sec-Butylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
tert-Butylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Carbon disulfide	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Carbon tetrachloride	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chlorobenzene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chloroethane	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chloroform	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chloromethane	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
2-Chlorotoluene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
4-Chlorotoluene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Chlorodibromomethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2-Dichlorobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,3-Dichlorobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,4-Dichlorobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,3-Dichloropropane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1-Dichloropropene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2-Dibromo-3-Chloropropane	ND	*	9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Ethylene Dibromide	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Dibromomethane	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Dichlorodifluoromethane	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1-Dichloroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2-Dichloroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1-Dichloroethene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
cis-1,2-Dichloroethene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
trans-1,2-Dichloroethene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2-Dichloropropane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
cis-1,3-Dichloropropene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Ethylbenzene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Hexachlorobutadiene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
2-Hexanone	ND		45		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Isopropylbenzene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
4-Isopropyltoluene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Methylene Chloride	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
4-Methyl-2-pentanone (MIBK)	ND		45		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Naphthalene	ND	*	9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
N-Propylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Styrene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1,1,2-Tetrachloroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1

Client Sample ID: EB-1 (4.5-5)
Date Collected: 12/23/14 13:11
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-7
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Tetrachloroethene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Toluene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2,3-Trichlorobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2,4-Trichlorobenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1,1-Trichloroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1,2-Trichloroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Trichloroethene	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Trichlorofluoromethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2,3-Trichloropropane	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,2,4-Trimethylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
1,3,5-Trimethylbenzene	ND	*	4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Vinyl acetate	ND		18		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Vinyl chloride	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Xylenes, Total	ND		9.1		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
2,2-Dichloropropane	ND		4.5		ug/Kg		12/23/14 19:12	12/23/14 22:06	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		12/23/14 19:12	12/23/14 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*76*		*45 - 131*	*12/23/14 19:12*	*12/23/14 22:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*60 - 140*	*12/23/14 19:12*	*12/23/14 22:06*	*1*
Toluene-d8 (Surr)	*87*		*58 - 140*	*12/23/14 19:12*	*12/23/14 22:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1900**		50		mg/Kg		12/30/14 09:06	12/31/14 22:16	20
Motor Oil Range Organics [C24-C36]	**6400**		2500		mg/Kg		12/30/14 09:06	12/31/14 22:16	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*12/31/14 22:16*	*20*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*12/31/14 22:16*	*20*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-1 (6-6.5)
Date Collected: 12/23/14 13:12
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-8
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	170		4.9		mg/Kg		12/30/14 09:06	12/31/14 21:28	5
Motor Oil Range Organics [C24-C36]	350		250		mg/Kg		12/30/14 09:06	12/31/14 21:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*12/31/14 21:28*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*12/31/14 21:28*	*5*

Client Sample ID: EB-1 (6-6.5)
Date Collected: 12/23/14 13:12
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-8
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Acetone	ND		47		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Benzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Dichlorobromomethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Bromobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chlorobromomethane	ND		19		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Bromoform	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Bromomethane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
2-Butanone (MEK)	ND		47		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
n-Butylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
sec-Butylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
tert-Butylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Carbon disulfide	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Carbon tetrachloride	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chloroethane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chloroform	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chloromethane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
2-Chlorotoluene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
4-Chlorotoluene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Chlorodibromomethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,3-Dichloropropane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1-Dichloropropene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Ethylene Dibromide	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Dibromomethane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1-Dichloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2-Dichloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1-Dichloroethene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2-Dichloropropane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Ethylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Hexachlorobutadiene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
2-Hexanone	ND		47		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Isopropylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
4-Isopropyltoluene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Methylene Chloride	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Naphthalene	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
N-Propylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Styrene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1

Client Sample ID: EB-1 (6-6.5)
Date Collected: 12/23/14 13:12
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-8
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Tetrachloroethene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Toluene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Trichloroethene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Trichlorofluoromethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Vinyl acetate	ND		19		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Vinyl chloride	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Xylenes, Total	ND		9.4		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
2,2-Dichloropropane	ND		4.7		ug/Kg		01/02/15 11:04	01/02/15 12:17	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		01/02/15 11:04	01/02/15 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*77*		*45 - 131*	*01/02/15 11:04*	*01/02/15 12:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*60 - 140*	*01/02/15 11:04*	*01/02/15 12:17*	*1*
Toluene-d8 (Surr)	*88*		*58 - 140*	*01/02/15 11:04*	*01/02/15 12:17*	*1*

Client Sample ID: EB-2 (3.5-4)
Date Collected: 12/23/14 12:21
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-5
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Acetone	**53**		49		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Benzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Dichlorobromomethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Bromobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chlorobromomethane	ND		20		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Bromoform	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Bromomethane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
2-Butanone (MEK)	ND		49		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
n-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
sec-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
tert-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Carbon disulfide	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Carbon tetrachloride	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chloroethane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chloroform	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chloromethane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
2-Chlorotoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
4-Chlorotoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Chlorodibromomethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,3-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Ethylene Dibromide	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Dibromomethane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1-Dichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2-Dichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Ethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Hexachlorobutadiene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
2-Hexanone	ND		49		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Isopropylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
4-Isopropyltoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Methylene Chloride	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Naphthalene	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
N-Propylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Styrene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1

Client Sample ID: EB-2 (3.5-4)
Date Collected: 12/23/14 12:21
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-5
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Tetrachloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Toluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Trichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Trichlorofluoromethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Vinyl acetate	ND		20		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Vinyl chloride	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Xylenes, Total	ND		9.8		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
2,2-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 21:37	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		12/23/14 19:12	12/23/14 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*79*		*45 - 131*	*12/23/14 19:12*	*12/23/14 21:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 140*	*12/23/14 19:12*	*12/23/14 21:37*	*1*
Toluene-d8 (Surr)	*91*		*58 - 140*	*12/23/14 19:12*	*12/23/14 21:37*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**63**		5.0		mg/Kg		12/30/14 09:06	01/02/15 10:19	5
Motor Oil Range Organics [C24-C36]	**330**		250		mg/Kg		12/30/14 09:06	01/02/15 10:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*01/02/15 10:19*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*01/02/15 10:19*	*5*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-2 (4-4.5)
Date Collected: 12/23/14 12:22
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-6
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1.7**		0.99		mg/Kg		12/30/14 09:06	12/31/14 16:12	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/30/14 09:06	12/31/14 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.007*		*0 - 1*	*12/30/14 09:06*	*12/31/14 16:12*	*1*
p-Terphenyl	*102*		*38 - 148*	*12/30/14 09:06*	*12/31/14 16:12*	*1*

Client Sample ID: EB-3 (4-4.5)
Date Collected: 12/23/14 12:31
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Acetone	ND		47		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Benzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Dichlorobromomethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Bromobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chlorobromomethane	ND		19		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Bromoform	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Bromomethane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
2-Butanone (MEK)	ND		47		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
n-Butylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
sec-Butylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
tert-Butylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Carbon disulfide	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Carbon tetrachloride	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chloroethane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chloroform	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chloromethane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
2-Chlorotoluene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
4-Chlorotoluene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Chlorodibromomethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,3-Dichloropropane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1-Dichloropropene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Ethylene Dibromide	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Dibromomethane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1-Dichloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2-Dichloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1-Dichloroethene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2-Dichloropropane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Ethylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Hexachlorobutadiene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
2-Hexanone	ND		47		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Isopropylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
4-Isopropyltoluene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Methylene Chloride	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Naphthalene	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
N-Propylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Styrene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1

Client Sample ID: EB-3 (4-4.5)
Date Collected: 12/23/14 12:31
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-3
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Tetrachloroethene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Toluene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Trichloroethene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Trichlorofluoromethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Vinyl acetate	ND		19		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Vinyl chloride	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Xylenes, Total	ND		9.4		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
2,2-Dichloropropane	ND		4.7		ug/Kg		12/23/14 19:12	12/23/14 21:09	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		12/23/14 19:12	12/23/14 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*79*		*45 - 131*	*12/23/14 19:12*	*12/23/14 21:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*60 - 140*	*12/23/14 19:12*	*12/23/14 21:09*	*1*
Toluene-d8 (Surr)	*91*		*58 - 140*	*12/23/14 19:12*	*12/23/14 21:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1300**		50		mg/Kg		12/30/14 09:06	01/02/15 11:32	50
Motor Oil Range Organics [C24-C36]	**4800**		2500		mg/Kg		12/30/14 09:06	01/02/15 11:32	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*01/02/15 11:32*	*50*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*01/02/15 11:32*	*50*

Client Sample ID: EB-3 (4.5-5)
Date Collected: 12/23/14 12:32
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-4
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**14**		1.0		mg/Kg		12/30/14 09:06	12/31/14 16:36	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/30/14 09:06	12/31/14 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.008*		*0 - 1*	*12/30/14 09:06*	*12/31/14 16:36*	*1*
p-Terphenyl	*110*		*38 - 148*	*12/30/14 09:06*	*12/31/14 16:36*	*1*

Client Sample ID: EB-4 (4-4.5)
Date Collected: 12/23/14 10:54
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-1
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Acetone	ND		56		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Benzene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Dichlorobromomethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Bromobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chlorobromomethane	ND		22		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Bromoform	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Bromomethane	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
2-Butanone (MEK)	ND		56		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
n-Butylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
sec-Butylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
tert-Butylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Carbon disulfide	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Carbon tetrachloride	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chlorobenzene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chloroethane	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chloroform	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chloromethane	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
2-Chlorotoluene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
4-Chlorotoluene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Chlorodibromomethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2-Dichlorobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,3-Dichlorobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,4-Dichlorobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,3-Dichloropropane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1-Dichloropropene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2-Dibromo-3-Chloropropane	ND	*	11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Ethylene Dibromide	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Dibromomethane	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Dichlorodifluoromethane	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1-Dichloroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2-Dichloroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1-Dichloroethene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
cis-1,2-Dichloroethene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
trans-1,2-Dichloroethene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2-Dichloropropane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
cis-1,3-Dichloropropene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
trans-1,3-Dichloropropene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Ethylbenzene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Hexachlorobutadiene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
2-Hexanone	ND		56		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Isopropylbenzene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
4-Isopropyltoluene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Methylene Chloride	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
4-Methyl-2-pentanone (MIBK)	ND		56		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Naphthalene	ND	*	11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
N-Propylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Styrene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1,1,2-Tetrachloroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-4 (4-4.5)
Date Collected: 12/23/14 10:54
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-1
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Tetrachloroethene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Toluene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2,3-Trichlorobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2,4-Trichlorobenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1,1-Trichloroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1,2-Trichloroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Trichloroethene	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Trichlorofluoromethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2,3-Trichloropropane	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,2,4-Trimethylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
1,3,5-Trimethylbenzene	ND	*	5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Vinyl acetate	ND		22		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Vinyl chloride	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Xylenes, Total	ND		11		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
2,2-Dichloropropane	ND		5.6		ug/Kg		12/23/14 19:00	12/24/14 13:40	1
Gasoline Range Organics (GRO) -C5-C12	ND		280		ug/Kg		12/23/14 19:00	12/24/14 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*68*		*45 - 131*	*12/23/14 19:00*	*12/24/14 13:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*60 - 140*	*12/23/14 19:00*	*12/24/14 13:40*	*1*
Toluene-d8 (Surr)	*81*		*58 - 140*	*12/23/14 19:00*	*12/24/14 13:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1500**		20		mg/Kg		12/30/14 09:06	12/31/14 17:00	20
Motor Oil Range Organics [C24-C36]	**3700**		990		mg/Kg		12/30/14 09:06	12/31/14 17:00	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*12/31/14 17:00*	*20*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*12/31/14 17:00*	*20*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-4 (4.5-5)
Date Collected: 12/23/14 10:55
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-2
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**900**		20		mg/Kg		12/30/14 09:06	12/31/14 23:05	20
Motor Oil Range Organics [C24-C36]	**2300**		980		mg/Kg		12/30/14 09:06	12/31/14 23:05	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*12/31/14 23:05*	*20*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*12/31/14 23:05*	*20*

Client Sample ID: EB-5 (3.5-4)
Date Collected: 12/23/14 12:12
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-19
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Acetone	ND		52		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Benzene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Dichlorobromomethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Bromobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chlorobromomethane	ND		21		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Bromoform	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Bromomethane	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
2-Butanone (MEK)	ND		52		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
n-Butylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
sec-Butylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
tert-Butylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Carbon disulfide	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Carbon tetrachloride	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chlorobenzene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chloroethane	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chloroform	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chloromethane	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
2-Chlorotoluene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
4-Chlorotoluene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Chlorodibromomethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2-Dichlorobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,3-Dichlorobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,4-Dichlorobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,3-Dichloropropane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1-Dichloropropene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2-Dibromo-3-Chloropropane	ND	*	10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Ethylene Dibromide	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Dibromomethane	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Dichlorodifluoromethane	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1-Dichloroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2-Dichloroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1-Dichloroethene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
cis-1,2-Dichloroethene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
trans-1,2-Dichloroethene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2-Dichloropropane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
cis-1,3-Dichloropropene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
trans-1,3-Dichloropropene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Ethylbenzene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Hexachlorobutadiene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
2-Hexanone	ND		52		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Isopropylbenzene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
4-Isopropyltoluene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Methylene Chloride	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
4-Methyl-2-pentanone (MIBK)	ND		52		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Naphthalene	ND	*	10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
N-Propylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Styrene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1,1,2-Tetrachloroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1

Client Sample ID: EB-5 (3.5-4)
Date Collected: 12/23/14 12:12
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-19
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Tetrachloroethene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Toluene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2,3-Trichlorobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2,4-Trichlorobenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1,1-Trichloroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1,2-Trichloroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Trichloroethene	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Trichlorofluoromethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2,3-Trichloropropane	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,2,4-Trimethylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
1,3,5-Trimethylbenzene	ND	*	5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Vinyl acetate	ND		21		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Vinyl chloride	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Xylenes, Total	ND		10		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
2,2-Dichloropropane	ND		5.2		ug/Kg		12/23/14 19:00	12/24/14 15:07	1
Gasoline Range Organics (GRO) -C5-C12	ND		260		ug/Kg		12/23/14 19:00	12/24/14 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*79*		*45 - 131*	*12/23/14 19:00*	*12/24/14 15:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*60 - 140*	*12/23/14 19:00*	*12/24/14 15:07*	*1*
Toluene-d8 (Surr)	*85*		*58 - 140*	*12/23/14 19:00*	*12/24/14 15:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**24**		2.0		mg/Kg		12/31/14 11:50	01/02/15 10:19	2
Motor Oil Range Organics [C24-C36]	**130**		100		mg/Kg		12/31/14 11:50	01/02/15 10:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.03*		*0 - 1*	*12/31/14 11:50*	*01/02/15 10:19*	*2*
p-Terphenyl	*85*		*38 - 148*	*12/31/14 11:50*	*01/02/15 10:19*	*2*

Client Sample ID: EB-5 (4.5-5)
Date Collected: 12/23/14 12:13
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-20
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		12/31/14 11:50	01/02/15 10:43	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/31/14 11:50	01/02/15 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.007*		*0 - 1*	*12/31/14 11:50*	*01/02/15 10:43*	*1*
p-Terphenyl	*89*		*38 - 148*	*12/31/14 11:50*	*01/02/15 10:43*	*1*

Client Sample ID: EB-6 (4-4.5)
Date Collected: 12/23/14 10:21
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-17
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Acetone	ND		50		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Benzene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Dichlorobromomethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Bromobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chlorobromomethane	ND		20		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Bromoform	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Bromomethane	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
2-Butanone (MEK)	ND		50		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
n-Butylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
sec-Butylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
tert-Butylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Carbon disulfide	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Carbon tetrachloride	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chlorobenzene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chloroethane	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chloroform	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chloromethane	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
2-Chlorotoluene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
4-Chlorotoluene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Chlorodibromomethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2-Dichlorobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,3-Dichlorobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,4-Dichlorobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,3-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2-Dibromo-3-Chloropropane	ND	*	9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Ethylene Dibromide	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Dibromomethane	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1-Dichloroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2-Dichloroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Ethylbenzene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Hexachlorobutadiene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
2-Hexanone	ND		50		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Isopropylbenzene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
4-Isopropyltoluene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Methylene Chloride	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Naphthalene	ND	*	9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
N-Propylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Styrene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1

Client Sample ID: EB-6 (4-4.5)
Date Collected: 12/23/14 10:21
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-17
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Tetrachloroethene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Toluene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2,3-Trichlorobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2,4-Trichlorobenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Trichloroethene	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Trichlorofluoromethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2,3-Trichloropropane	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,2,4-Trimethylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
1,3,5-Trimethylbenzene	ND	*	5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Vinyl acetate	ND		20		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Vinyl chloride	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Xylenes, Total	ND		9.9		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
2,2-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:00	12/24/14 14:38	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		12/23/14 19:00	12/24/14 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*77*		*45 - 131*	*12/23/14 19:00*	*12/24/14 14:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*60 - 140*	*12/23/14 19:00*	*12/24/14 14:38*	*1*
Toluene-d8 (Surr)	*86*		*58 - 140*	*12/23/14 19:00*	*12/24/14 14:38*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**170**		3.0		mg/Kg		12/31/14 11:50	01/02/15 09:55	3
Motor Oil Range Organics [C24-C36]	**310**		150		mg/Kg		12/31/14 11:50	01/02/15 09:55	3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/31/14 11:50*	*01/02/15 09:55*	*3*
p-Terphenyl	*78*		*38 - 148*	*12/31/14 11:50*	*01/02/15 09:55*	*3*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-6 (6-6.5)
Date Collected: 12/23/14 10:22
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-18
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		12/31/14 11:50	01/02/15 10:14	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		12/31/14 11:50	01/02/15 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/31/14 11:50*	*01/02/15 10:14*	*1*
p-Terphenyl	*79*		*38 - 148*	*12/31/14 11:50*	*01/02/15 10:14*	*1*

Client Sample ID: EB-7 (4-4.5)
Date Collected: 12/23/14 10:40
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-15
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Acetone	ND		43		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Benzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Dichlorobromomethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Bromobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chlorobromomethane	ND		17		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Bromoform	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Bromomethane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
2-Butanone (MEK)	ND		43		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
n-Butylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
sec-Butylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
tert-Butylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Carbon disulfide	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Carbon tetrachloride	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chloroethane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chloroform	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chloromethane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
2-Chlorotoluene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
4-Chlorotoluene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Chlorodibromomethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2-Dichlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,3-Dichlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,4-Dichlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,3-Dichloropropane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1-Dichloropropene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2-Dibromo-3-Chloropropane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Ethylene Dibromide	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Dibromomethane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Dichlorodifluoromethane	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1-Dichloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2-Dichloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1-Dichloroethene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
cis-1,2-Dichloroethene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
trans-1,2-Dichloroethene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2-Dichloropropane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
cis-1,3-Dichloropropene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
trans-1,3-Dichloropropene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Ethylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Hexachlorobutadiene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
2-Hexanone	ND		43		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Isopropylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
4-Isopropyltoluene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Methylene Chloride	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		43		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Naphthalene	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
N-Propylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Styrene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1,1,2-Tetrachloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1

Client Sample ID: EB-7 (4-4.5)
Date Collected: 12/23/14 10:40
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-15
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Tetrachloroethene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Toluene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2,3-Trichlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2,4-Trichlorobenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1,1-Trichloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1,2-Trichloroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Trichloroethene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Trichlorofluoromethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2,3-Trichloropropane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,2,4-Trimethylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
1,3,5-Trimethylbenzene	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Vinyl acetate	ND		17		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Vinyl chloride	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Xylenes, Total	ND		8.6		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
2,2-Dichloropropane	ND		4.3		ug/Kg		12/23/14 19:12	12/23/14 23:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		220		ug/Kg		12/23/14 19:12	12/23/14 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*78*		*45 - 131*	*12/23/14 19:12*	*12/23/14 23:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 140*	*12/23/14 19:12*	*12/23/14 23:58*	*1*
Toluene-d8 (Surr)	*90*		*58 - 140*	*12/23/14 19:12*	*12/23/14 23:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**110**		5.0		mg/Kg		12/31/14 11:50	01/02/15 10:44	5
Motor Oil Range Organics [C24-C36]	**450**		250		mg/Kg		12/31/14 11:50	01/02/15 10:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/31/14 11:50*	*01/02/15 10:44*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/31/14 11:50*	*01/02/15 10:44*	*5*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-7 (4.5-5)
Date Collected: 12/23/14 10:42
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-16
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	130		4.9		mg/Kg		12/31/14 11:50	01/02/15 11:08	5
Motor Oil Range Organics [C24-C36]	500		250		mg/Kg		12/31/14 11:50	01/02/15 11:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/31/14 11:50*	*01/02/15 11:08*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/31/14 11:50*	*01/02/15 11:08*	*5*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-8 (4-4.5)
Date Collected: 12/23/14 10:20
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-13
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Acetone	ND		50		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Benzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Dichlorobromomethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Bromobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chlorobromomethane	ND		20		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Bromoform	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Bromomethane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
2-Butanone (MEK)	ND		50		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
n-Butylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
sec-Butylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
tert-Butylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Carbon disulfide	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Carbon tetrachloride	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chloroethane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chloroform	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chloromethane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
2-Chlorotoluene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
4-Chlorotoluene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Chlorodibromomethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,3-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Ethylene Dibromide	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Dibromomethane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Dichlorodifluoromethane	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1-Dichloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2-Dichloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Ethylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Hexachlorobutadiene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
2-Hexanone	ND		50		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Isopropylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
4-Isopropyltoluene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Methylene Chloride	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Naphthalene	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
N-Propylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Styrene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1

Client Sample ID: EB-8 (4-4.5)
Date Collected: 12/23/14 10:20
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-13
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Tetrachloroethene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Toluene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Trichloroethene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Trichlorofluoromethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Vinyl acetate	ND		20		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Vinyl chloride	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Xylenes, Total	ND		10		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg		12/23/14 19:12	12/23/14 23:30	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		12/23/14 19:12	12/23/14 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*80*		*45 - 131*	*12/23/14 19:12*	*12/23/14 23:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*60 - 140*	*12/23/14 19:12*	*12/23/14 23:30*	*1*
Toluene-d8 (Surr)	*92*		*58 - 140*	*12/23/14 19:12*	*12/23/14 23:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**150**		5.0		mg/Kg		12/30/14 09:06	01/02/15 11:08	5
Motor Oil Range Organics [C24-C36]	**540**		250		mg/Kg		12/30/14 09:06	01/02/15 11:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*01/02/15 11:08*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*01/02/15 11:08*	*5*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-8 (5.5-6)
Date Collected: 12/23/14 10:23
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-14
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.98		mg/Kg		12/30/14 09:06	12/31/14 15:23	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		12/30/14 09:06	12/31/14 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.01*		*0 - 1*	*12/30/14 09:06*	*12/31/14 15:23*	*1*
p-Terphenyl	*103*		*38 - 148*	*12/30/14 09:06*	*12/31/14 15:23*	*1*

Client Sample ID: EB-9 (4-4.5)
Date Collected: 12/23/14 09:55
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-11
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Acetone	ND		42		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Benzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Dichlorobromomethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Bromobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chlorobromomethane	ND		17		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Bromoform	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Bromomethane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
2-Butanone (MEK)	ND		42		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
n-Butylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
sec-Butylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
tert-Butylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Carbon disulfide	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Carbon tetrachloride	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chloroethane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chloroform	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chloromethane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
2-Chlorotoluene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
4-Chlorotoluene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Chlorodibromomethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2-Dichlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,3-Dichlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,4-Dichlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,3-Dichloropropane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1-Dichloropropene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2-Dibromo-3-Chloropropane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Ethylene Dibromide	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Dibromomethane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Dichlorodifluoromethane	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1-Dichloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2-Dichloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1-Dichloroethene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
cis-1,2-Dichloroethene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
trans-1,2-Dichloroethene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2-Dichloropropane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
cis-1,3-Dichloropropene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
trans-1,3-Dichloropropene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Ethylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Hexachlorobutadiene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
2-Hexanone	ND		42		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Isopropylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
4-Isopropyltoluene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Methylene Chloride	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		42		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Naphthalene	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
N-Propylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Styrene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1,1,2-Tetrachloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1

Client Sample ID: EB-9 (4-4.5)
Date Collected: 12/23/14 09:55
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-11
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Tetrachloroethene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Toluene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2,3-Trichlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2,4-Trichlorobenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1,1-Trichloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1,2-Trichloroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Trichloroethene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Trichlorofluoromethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2,3-Trichloropropane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,2,4-Trimethylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
1,3,5-Trimethylbenzene	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Vinyl acetate	ND		17		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Vinyl chloride	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Xylenes, Total	ND		8.3		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
2,2-Dichloropropane	ND		4.2		ug/Kg		12/23/14 19:12	12/23/14 23:02	1
Gasoline Range Organics (GRO) -C5-C12	ND		210		ug/Kg		12/23/14 19:12	12/23/14 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*84*		*45 - 131*	*12/23/14 19:12*	*12/23/14 23:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 140*	*12/23/14 19:12*	*12/23/14 23:02*	*1*
Toluene-d8 (Surr)	*89*		*58 - 140*	*12/23/14 19:12*	*12/23/14 23:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**51**		2.0		mg/Kg		12/30/14 09:06	12/31/14 21:52	2
Motor Oil Range Organics [C24-C36]	**190**		100		mg/Kg		12/30/14 09:06	12/31/14 21:52	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.4*		*0 - 1*	*12/30/14 09:06*	*12/31/14 21:52*	*2*
p-Terphenyl	*93*		*38 - 148*	*12/30/14 09:06*	*12/31/14 21:52*	*2*

Client: Cornerstone Earth Group
Project/Site: East Bay Bridge Center

TestAmerica Job ID: 720-62077-1

Client Sample ID: EB-9 (4.5-5)
Date Collected: 12/23/14 09:58
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-12
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	180		10		mg/Kg		12/30/14 09:06	01/02/15 10:44	10
Motor Oil Range Organics [C24-C36]	730		500		mg/Kg		12/30/14 09:06	01/02/15 10:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*01/02/15 10:44*	*10*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*01/02/15 10:44*	*10*

Client Sample ID: EB-10 (4-4.5)
Date Collected: 12/23/14 09:40
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-9
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Acetone	ND		49		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Benzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Dichlorobromomethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Bromobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chlorobromomethane	ND		19		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Bromoform	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Bromomethane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
2-Butanone (MEK)	ND		49		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
n-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
sec-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
tert-Butylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Carbon disulfide	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Carbon tetrachloride	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chloroethane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chloroform	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chloromethane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
2-Chlorotoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
4-Chlorotoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Chlorodibromomethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,3-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Ethylene Dibromide	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Dibromomethane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1-Dichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2-Dichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Ethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Hexachlorobutadiene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
2-Hexanone	ND		49		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Isopropylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
4-Isopropyltoluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Methylene Chloride	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Naphthalene	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
N-Propylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Styrene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1

Client Sample ID: EB-10 (4-4.5)
Date Collected: 12/23/14 09:40
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-9
Matrix: Solid

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Tetrachloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Toluene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Trichloroethene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Trichlorofluoromethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Vinyl acetate	ND		19		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Vinyl chloride	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Xylenes, Total	ND		9.7		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
2,2-Dichloropropane	ND		4.9		ug/Kg		12/23/14 19:12	12/23/14 22:34	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		12/23/14 19:12	12/23/14 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*83*		*45 - 131*	*12/23/14 19:12*	*12/23/14 22:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*60 - 140*	*12/23/14 19:12*	*12/23/14 22:34*	*1*
Toluene-d8 (Surr)	*91*		*58 - 140*	*12/23/14 19:12*	*12/23/14 22:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**33**		2.0		mg/Kg		12/30/14 09:06	01/02/15 09:55	2
Motor Oil Range Organics [C24-C36]	**180**		100		mg/Kg		12/30/14 09:06	01/02/15 09:55	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.01*		*0 - 1*	*12/30/14 09:06*	*01/02/15 09:55*	*2*
p-Terphenyl	*92*		*38 - 148*	*12/30/14 09:06*	*01/02/15 09:55*	*2*

Client Sample ID: EB-10 (4.5-5)
Date Collected: 12/23/14 09:42
Date Received: 12/23/14 15:10

Lab Sample ID: 720-62077-10
Matrix: Solid

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	97		5.0		mg/Kg		12/30/14 09:06	12/31/14 22:40	5
Motor Oil Range Organics [C24-C36]	370		250		mg/Kg		12/30/14 09:06	12/31/14 22:40	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 1*	*12/30/14 09:06*	*12/31/14 22:40*	*5*
p-Terphenyl	*0*	*X D*	*38 - 148*	*12/30/14 09:06*	*12/31/14 22:40*	*5*

ATTACHMENT 6

COUNTY OF ALAMEDA
Assessor's Office

Help
New Query

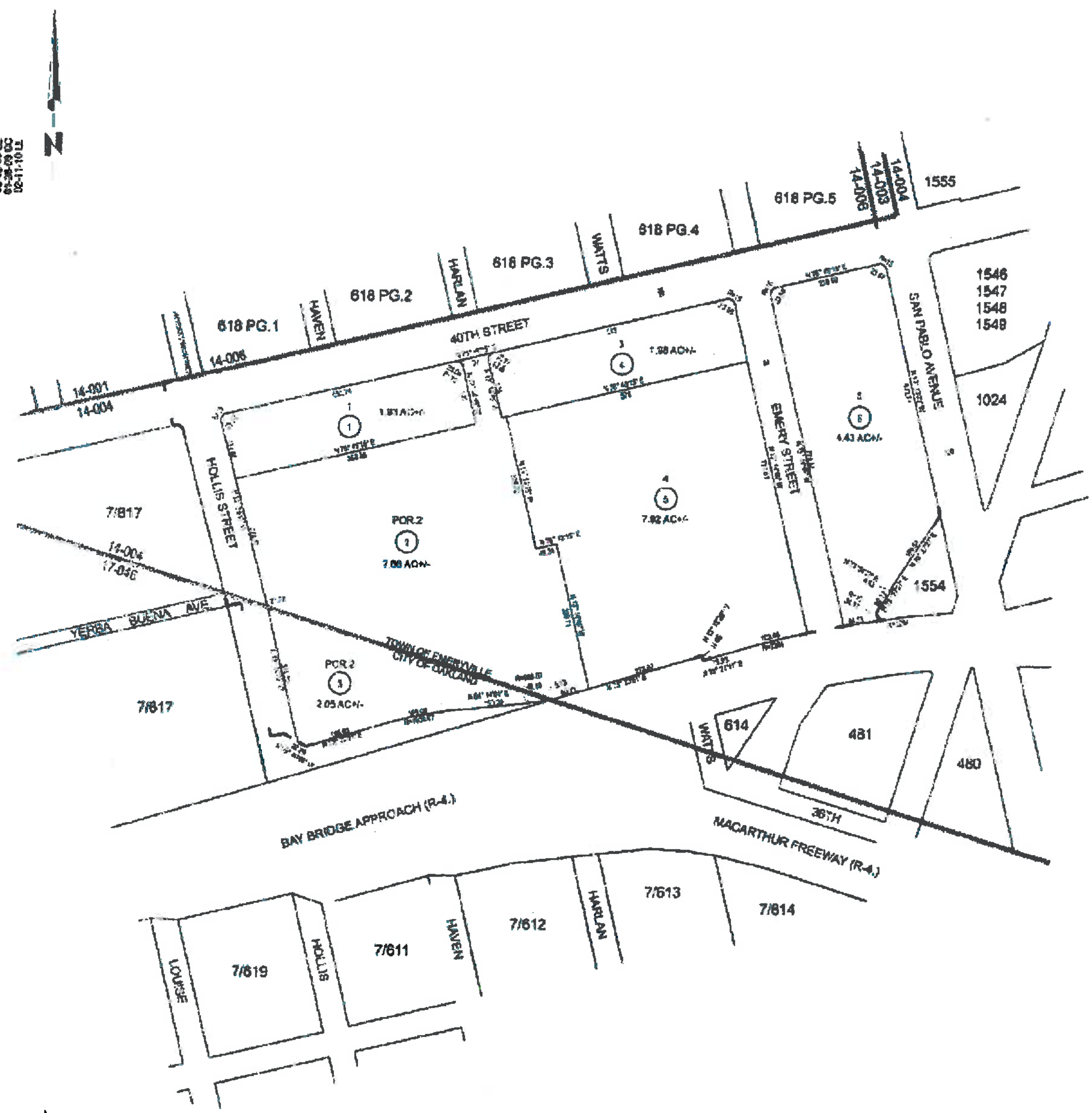
Property Value System

History | Value | Transfer | Map | Glossary

Parcel Number:49-619-5 Inactive:N Lien Date:01/01/2015 Owner:EAST BAY BRIDGE RETAIL LLC
Property Address: 3839 EMERY ST, EMERYVILLE, CA 94608-3662

Mailing Name		Historical Mailing Address	Document Date	Document Number	Value From Trans	Parcel Count	Use
EAST BAY BRIDGE RETAIL LLC c/o FDRL RLTY, ACCNTG	List Owners	1626 E JEFFERSON ST , ROCKVILLE, MD 20852-4041	07/31/2014	2014-189859		2	3701
EAST BAY BRIDGE RETAIL LLC c/o FR EAST BAY BRIDGE LLC	List Owners	1626 E JEFFERSON ST , ROCKVILLE, MD 20852-4041	12/21/2012	TRAN-276454		7	3701
EAST BAY BRIDGE RETAIL LLC Attn: REAL ESTATE COUNSEL	List Owners	66 FRANKLIN ST STE 200, OAKLAND, CA 94607-3726	03/03/2011	2011-72371		1	3704
EAST BAY BRIDGE RETAIL LLC Attn: WILLIAM HOSLER	List Owners	66 FRANKLIN ST STE 200, OAKLAND, CA 94607-3726	03/03/2011	2011-72370		1	3704
EMERYVILLE RETAIL PROPERTIES LP c/o THOMSON PRTY TAX SERVICES	List Owners	2235 FARADAY AVE STE O, CALRSBAD, CA 92008-7215	02/02/2011	2011-46390		1	3704
EMERYVILLE RETAIL PROPERTIES LP c/o DELOITTE TAX LP Attn: RAYMOND	List Owners	2235 FARADAY AVE STE O, CALRSBAD, CA 92008-7215	09/15/2005	TRAN-249546		52	3704
EMERYVILLE RETAIL PROPERTIES LP c/o PROPERTY TAX DEPT	List Owners	201 MISSION ST LBBY 2, SAN FRANCISCO, CA 94105-1831	09/27/1997	TRAN-233841		1	3704
EMERYVILLE RETAIL PROPERTIES LP c/o PROPERTY TAX DEPT	List Owners	201 MISSION ST LBBY 2, SAN FRANCISCO, CA 94105-1831	09/26/1997	1997-253066		1	3704
CATELLUS DEVELOPMENT CORPORATION c/o CB COMM REAL EST GRP	List Owners	275 BATTERY ST STE 1300, SAN FRANCISCO, CA 94111-3334	03/01/1993	TRAN-60985		1	3700
CATELLUS DEVELOPMENT CORPORATION c/o CB COMM REAL EST GRP	List Owners	275 BATTERY ST , SAN FRANCISCO, CA 94111-3305	08/21/1990	1990-225850		224	3700

For Assessment Use Only



REVISED: 10-31-94 BV, 04-26-04 EG, 02-02-05 LL, 01-26-09 DC, 02-11-10 LL

DRAWN: 10-09-63 JJ

FORMERLY: BK 7-617 PG.1 & BK 49-618 PG.6

ACM: REF: HPN: IND PG:

ATTACHMENT 7

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

INVITATION TO COMMENT – POTENTIAL CASE CLOSURE

EMERY STREET
3839 EMERY STREET
FUEL LEAK CASE RO0003210
GEOTRACKER GLOBAL ID T10000008569

February 23, 2017

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

The public is invited to review and comment on the potential closure of the fuel leak case. This notice is being sent to the current occupants and landowners of the site and adjacent properties and other known interested parties. The entire case file can be viewed over the Internet on the ACDEH website (http://www.acgov.org/aceh/lop/ust.htm) or the State of California Water Resources Control Board GeoTracker website (http://geotracker.waterboards.ca.gov). Please send written comments to Mark Detterman at the address below; all comments will be forwarded to the responsible parties. **Comments received by May 1, 2017** will be considered and responded to prior to a final determination on the proposed case closure.

If you have comments or questions regarding this site, please contact the ACDEH caseworker, Mark Detterman at 510-567-6876 or by email at mark.detterman@acgov.org. Please refer to ACDEH case RO0003210 in any correspondence.

Parcel_APN	Name	StreetAddress	Unit	City	Zip	Zip_4	Attn	email addres
49-619-1	CRP TBG BRIDGECOURT APARTMENTS LP	26 CORPORATE PARK DR	200	IRVINE,CA	92606	3115		
49-619-4	CRP TBG BRIDGECOURT APARTMENTS LP	26 CORPORATE PARK DR		IRVINE,CA	92606	3113		
49-619-5	EAST BAY BRIDGE RETAIL LLC	1626 E JEFFERSON ST		ROCKVILLE MD	20852	4041		
49-619-2	EAST BAY BRIDGE RETAIL LLC	1626 E JEFFERSON ST		ROCKVILLE MD	20852	4041		
49-619-3	EAST BAY BRIDGE RETAIL LLC	1626 E JEFFERSON ST		ROCKVILLE MD	20852	4041		
49-619-6	EAST BAY BRIDGE RETAIL LLC	1626 E JEFFERSON ST		ROCKVILLE MD	20852	4041		
49-619-5	OCCUPANT	3839 EMERY ST		EMERYVILLE, CA	94608			
49-619-2	OCCUPANT	3838 HOLLIS ST	LOT2	EMERYVILLE, CA	94608			
49-619-3	OCCUPANT	3838 HOLLIS ST	LOT2	OAKLAND, CA	94608			
49-619-1	OCCUPANT	HOLLIS ST		EMERYVILLE, CA	94608			
49-619-4	OCCUPANT	EMERY ST		EMERYVILLE, CA	94608			
49-619-6	OCCUPANT	3889 SAN PABLO AVE		EMERYVILLE, CA	94608			
49-619-6	OCCUPANT	3823 SAN PABLO AV		EMERYVILLE, CA	94608			
49-619-4	OCCUPANT	3995 EMERY ST		EMERYVILLE, CA	94608			
49-619-6	OCCUPANT	1199 40TH ST		EMERYVILLE, CA	94608			
49-619-5	OCCUPANT	3839 EMERY ST 100	100	EMERYVILLE, CA	94608			
49-619-5	OCCUPANT	3839 EMERY ST 300	300	EMERYVILLE, CA	94608			
49-619-5	OCCUPANT	3839 EMERY ST 200	200	EMERYVILLE, CA	94608			
49-619-4	OCCUPANT	3997 EMERY ST		EMERYVILLE, CA	94608			
49-619-3	OCCUPANT	3838 HOLLIS ST LOT2	LOT2	OAKLAND, CA	94608			
	SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD	1515 CLAY STREET	SUITE 1400	OAKAND, CA	94612		LAURENT MEILLIER	laurent.meillier@waterboards.ca.gov
	CITY OF EMERYVILLE ENVIRONMENTAL PROGRAMS SUPERVISOR	1333 PARK AVENUE		EMERYVILLE, CA	94608		Nancy Humphrey	nhumphrey@emeryville.org
	CITY OF EMERYVILLE PLANNING DIVISION	1333 PARK AVENUE		EMERYVILLE, CA	94608			
	CITY OF EMERYVILLE PUBLIC WORKS DEPT	1333 PARK AVENUE		EMERYVILLE, CA	94608		MICHAEL ROBERTS	mroberts@ci.emeryville.ca.us