ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

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

April 30, 2012

Mr. Geoffrey Sears
Wareham Development Corporation
1120 Nye St., Suite #400
San Rafael, CA 94901-8403
(sent via electronic mail to:
gsears@warehamproperties.com)

Mr. Fillmore Marks
Mark's Management Company
505 Sansome Street, Suite 1400
San Francisco, CA 94111

Subject: Closure Transmittal; Spills, Leaks, Investigations and Cleanup (SLIC) Case RO0002621 and Geotracker Global ID SL0600195077, Emeryville Industrial Court, 5885 Hollis Street, Emeryville, CA 94608

Dear Messrs. Sears and Marks:

This letter confirms the completion of site investigation and remedial actions for the soil and groundwater investigation at the above referenced site. We are also transmitting the enclosed case closure summary. These documents confirm the completion of the investigation and cleanup of the reported releases at the subject site with the provision that the information provided to this agency was accurate and representative of existing conditions. The subject Spills, Leaks, Investigation, and Cleanup (SLIC) 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.swrcb.ca.gov) and the Alameda County Environmental Health website (http://www.acgov.org/aceh/index.htm).

SITE INVESTIGATION AND CLEANUP SUMMARY

Please be advised that the following conditions exist at the site:

Areas of residual contamination are present at this site and include the following:

- Benzo(a)pyrene remains in soil along the western property boundary beneath the general area of the sidewalk at concentrations up to 0.600 mg/kg.
- Petroleum hydrocarbon contamination remains in soil along the southern property line beneath delivery alleyway, and at other locations, at concentrations up to 2,100 mg/kg TPHg, 259 mg/kg TPHd, 280 mg/kg TPHmo, and 4.8 mg/kg propylbenzene. This contamination may in part be related to former bulk oil storage activities at the site. Naphthalene and other compounds have also been detected.

Other considerations or variances:

- Case closure for this fuel leak site is granted for the current commercial land use only.
- 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.

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

Sincerely,

Donna L. Drogos, P.E.
Division Chief

Enclosures: Case Closure Summary

cc: Ms. Cherie McCaulou (w/enc.), SF- Regional Water Quality Control Board, 1515 Clay Street, Suite 1400, Oakland, CA 94612, (sent via electronic mail to CMacaulou@waterboards.ca.gov)

City of Emeryville, c/o Markus Niebanck, Economic Development & Housing Department, 1333 Park Avenue, Emeryville, CA 94608 (sent via electronic mail to MNiebanck@ci.emeryville.ca.us)

Donna Drogos, (sent via electronic mail to donna.drogos@acgov.org)
Mark Detterman (sent via electronic mail to mark.detterman@acgov.org)
Electronic File, GeoTracker

CASE CLOSURE SUMMARY
SPILLS, LEAKS, INVESTIGATIONS, AND CLEANUP (SLIC) PROGRAM

I. AGENCY INFORMATION

Date: April 25, 2012

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6876
Responsible Staff Person: Mark Detterman	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Emeryville Industrial Court		
Site Facility Address: 5885 Hollis Street, Emeryville, CA 94608		
RB Case No.: NA	STID: 6687	LOP Case No.: RO0002621
URF Filing Date: NA	Geotracker ID: SL0600195077	APN: 49-1327-1-9

Responsible Parties	Addresses	Phone Numbers
Geoffrey Sears Wareham Development Corp.	1120 Nye Street, Suite 400 San Francisco, CA 94901	(415) 457-4964
Fillmore Marks Mark's Management Co.	505 Sansome Street, Suite 1400 San Francisco, CA 94111	NA
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Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
1 *	10,000	Gasoline	Removed	1990
2 (AST)	Unknown	Waste Oil	Removed	Late 1970's
3 (AST)	Unknown	Waste Oil	Removed	Late 1970's
4 (AST)	Unknown	Waste Oil	Removed	Late 1970's
Piping			Unknown	Unknown

* Reported to have been in center yard at 5805 Hollis St at SB Thomas Co; exact location not known but within boundaries of large redevelopment excavation at site.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Release not documented.		
Site characterization complete? Yes	Date Approved By Oversight Agency: -----	
Monitoring wells installed? No	Number: 0	Proper screened interval? NA
Highest GW Depth Below Ground Surface: 6 ft bgs	Lowest Depth: 12.5 ft bgs	Flow Direction: West*
Most Sensitive Current Use: Potential drinking water source.		

* Groundwater wells not installed, gradient from adjacent site RO0000067

Summary of Production Wells in Vicinity

A well survey was conducted for the immediately adjacent site on the south property line of the subject site. Department of Water Resources and Alameda County Public Works Agency files were reviewed to identify wells within ¼-mile of that site. No water supply wells were identified within that radius.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: Temescal Creek 1,720 feet SWS
Off-Site Beneficial Use Impacts (Addresses/Locations): None Identified	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Tank	One 10,00-gallon UST	Reported removed; disposal destination not reported	Approx 1990
Piping	Unreported	Reported removed; disposal destination not reported	Approx 1990
Free Product	None Reported	NA	----
Soil	91,640 tons*	Keller Canyon Landfill, Pittsburg, CA	March to June 2006
Groundwater	630,500 gallons**	Onsite Carbon Treatment & Discharge	March to July 2006

* Redevelopment Excavation; total includes non-impacted soil unrelated to site contamination

** Construction dewatering

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS BEFORE AND AFTER CLEANUP
(Please see Attachments 1 through 6 for additional information on contaminant locations and concentrations)

Contaminant	Soil (ppm)		Water (ppb)	
	Before	After	Before	After
TPH (Gas)	2,200	2,100	150,000	2,500[1]
TPH (Diesel)	2,100	250	8,400	240
TPH (Motor Oil)	6,600	280	1,500	280
Oil and Grease (TRPH)	9,900	52	NA	NA
Benzene	0.200	<0.0047	4,300	140[1]
Toluene	<0.005	<0.005	31	0.7[1]
Ethylbenzene	0.60	<0.005	3,600	100[1]
Xylenes	0.65	<0.005	1,720	11[1]
Heavy Metals (Cd, Cr, Pb, Ni, Zn)	150 [2]	99 [3]	400 [11]	400 [11]
MTBE	<0.005 [4]	<0.005 [4]	72 [5, 1]	51 [6, 1]
Other (8240/8270)	4.8 [7]	4.8 [8]	710 [9]	56 [10]

NA = Not Analyzed
1 = Attributed to adjacent site at 1400 Powell Street ; RO0000067
2 = <5.0 mg/kg Cd, 97 mg/kg Cr, 150 mg/kg Pb, 110 mg/kg Ni, and 110 mg/kg Zn
3 = <5.0 mg/kg Cd, 97 mg/kg Cr, 28 mg/kg Pb, 99 mg/kg Ni, and 73 mg/kg Zn
4 = 0.400 mg/kg TBA, <0.005 mg/kg MTBE, DIPE, ETBE, TAME, EDB, and EDC, and <1.0 mg/kg ethanol
5 = 72 µg/l TBA, 19 µg/l EDC, <0.5 µg/l MTBE, DIPE, ETBE, TAME, and EDB, and <1,000 µg/l ethanol
6 = 51 µg/l TBA, 15 µg/l EDC, <0.5 µg/l MTBE, DIPE, ETBE, TAME, and EDB, and <1,000 µg/l ethanol
7 = 0.600 mg/kg Benzo(a)pyrene, 0.042 mg/kg Acetone, 0.023 2-Butanone, 1.3 mg/kg Isopropylbenzene, 4.8 mg/kg Propylbenzene, 0.31 mg/kg Naphthalene, 1.1 mg/kg 1,3,5-Trimethylbenzene, 0.250 mg/kg 1,2,4-Trimethylbenzene, 1.0 mg/kg sec-Butylbenzene, 0.057 mg/kg para-Isopropyltoluene, 4.6 mg/kg n-Butylbenzene, and 0.011 mg/kg Aroclor 1260
8 = 0.600 mg/kg Benzo(a)pyrene, 1.3 mg/kg Isopropylbenzene, 4.8 mg/kg Propylbenzene, 0.31 mg/kg Naphthalene, 1.1 mg/kg 1,3,5-Trimethylbenzene, 1.0 mg/kg sec-Butylbenzene, 4.6 mg/kg n-Butylbenzene, and 0.011 mg/kg Aroclor 1260
9 = 210 µg/l Isopropylbenzene, 240 µg/l Propylbenzene, 290 µg/l 1,3,5 Trimethylbenzene, 160 µg/l 1,2,4-Trimethylbenzene, 70µg/l sec-Butylbenzene 710 µg/l Naphthalene, and 35 µg/l Acetone
10 = 23 µg/l Isopropylbenzene, 56 µg/l Propylbenzene, 4 µg/l 1,3,5-Trimethylbenzene, 6.6 1,2,4,-Trimethylbenzene, 6.8 sec-Butylbenzene, 3.8 µg/l para-Isopropyltoluene, 23 µg/l n-butylbenzene, 46 µg/l naphthalene, 42 µg/l Acetone, 17 µg/l 2-Butanone
11 = <0.25 µg/l Cd, 42 µg/l Cr, 32 µg/l Pb, 400 µg/l Ni, and 65 µg/l Zn

Site History and Description of Corrective Actions:

The Site covers an area approximately 220 feet by 500 feet and is bound by Hollis Street to the east, 59th Street to the north, Peladeau Street to the west, and a Chevron Station and Powell Street to the south. The site is currently occupied by a six-story office and biomedical laboratory building with one level of subsurface parking and one level of at-grade parking. The building occupies the majority of the Site. Excavation for the subsurface parking required excavation across most of the Site to approximately 15-feet below ground surface (bgs).

Prior to 1917 the site appeared to have been a vacant lot. The site was historically owned (1917 to 1964) and operated by Union Oil Company of California as a petroleum products distribution facility. The adjacent Chevron Service Station property (1400 Powell Street; RO0000067) to the south was also on the Union Oil distribution facility. Operations included numerous above-ground and underground petroleum hydrocarbon storage tanks. Up to 40,000 gallons of lubricating oil were reportedly stored in aboveground tanks. The site also consisted of a garage along Hollis Street and an auto repair shop along Peladeau Street. Between 1964 and 1974 the Intermountain Terminal Company owned the parcel. In 1985 the Marks management Company purchased the majority of the property. The property, as the Emeryville Industrial Court, subsequently appears to have been leased to multiple tenants. Hazardous materials reported to have been associated with these businesses included, among other incidental chemicals, paints, thinners, lacquers, inks, solvents (1,1,1-TCA and methylene chloride), oil storage drums (new and used), drummed used oil filters, one 1,000-gallon used motor oil AST, and one 10,000-gallon gasoline UST. The UST is reported to have been in the "front yard" of 5805 Hollis and is reported to have been removed in 1990. No records are reported to be available for that event; however, the property owners of the parcel reported that soil contamination was noted and was disposed of at a regulated landfill.

Construction near the site in the 1980s and 1990s revealed soil and groundwater impacted with petroleum hydrocarbons. The widening of 59th Street in 1999 at the north end of the parcel, and on to the historic Union Oil parcel, documented shallow contamination at concentrations of TPHd up to 13,000 mg/kg, TPHo up to 15,000 mg/kg, lead up to 120 mg/kg, and PCBs up to 0.092 mg/kg. Significant decreases in contamination are documented by a depth of 4 feet at these now offsite locations. These materials are reported to have been overexcavated and disposed offsite.

The site is primarily underlain by fine-grained material with thin lenses of course-grained material. The stiffness of this primarily fine-grained material tends to increase with depth. Groundwater has been measured at approximately 6 to 14 feet bgs in borings. Some perched water, which may have originated in the coarse-grained backfill of utility trenches, was observed entering the excavation during construction of the building. Groundwater flow has been observed at nearby sites towards the west (San Francisco Bay) with slight north and south variations.

In 2000 and 2005, Treadwell & Rollo conducted pre-construction environmental sampling of soil and groundwater at the site. This consisted of the installation of 18 soil bores (TR-1 to TR-18) in 2000 to a depth of 15 feet bgs, and the installation of soil bores TR-19 to TR-31 in 2005 to average depths of 7 to 9 feet bgs, but with three bores extending to 13 feet bgs. Results of the sampling event were used to prepare a Site Management Plan (SMP) dated July 14, 2005 for use during construction. In August 2005 soil bores TR-33 to TR-38 were installed to a depth of 15 feet bgs within the site boundaries to further investigate contamination. Bore TR-32 was not installed due to surface obstructions, and bores TR-33 to TR-38 were not logged due to installation in close proximity to previous bore locations. Thirty dewatering wells were then installed around the property perimeter to a depth of approximately 20 feet bgs to provide construction dewatering of the property. Post-excavation confirmation sampling was performed in May 2006 in general conformity with the approved SMP, and included the collection of confirmation soil samples TR-39 to TR-56 around the perimeter and at the base of the excavation, and the collection of groundwater data at selected dewatering locations (wells DW-11, DW-14, and DW-24). Concentrations up to 10 mg/kg TPHg, 7.9 mg/kg TPHd (both with non-standard chromatograms), and 33 mg/kg TPHmo were detected in soil. A concentration of 0.40 mg/kg TBA and 0.0082 mg/kg benzene was detected in soil at the southern end of the excavation, within approximately 20 feet of the adjacent Chevron service station. Up to 0.220 mg/kg methylene chloride was detected in four soil samples along the eastern property boundary, proximal to a previous use area; however, the laboratory also issued a letter stating that these may be a laboratory contaminant and indicated the lab had sporadic detections of this compound in the refrigerated sample storage area during that time period. Up to 0.60 mg/kg benzo(a)pyrene

were detected in four soil samples along the western property boundary.

In July 2008 soil bore TR-GW was installed at the southwestern corner of the subject site to collect a grab groundwater sample in an effort to determine the source of groundwater contamination in the vicinity of dewatering well DW-14. Concentrations of 430 µg/l TPHg, 560 µg/l TPHd, 3.8 µg/l benzene, and 13 µg/l EDC (as well as other compounds) were detected. The detection of EDC was suggested to indicate contamination was emanating from the adjacent Chevron service station. MTBE was not detected in these samples at standard detection limits. Based on the results of the 2000 and 2005 investigations, additional post-construction investigations of benzo(a)pyrene along the western property boundary, of potential volatile organic compounds (VOCs) in groundwater from an identified historical storage area along the eastern property boundary, and of residual total petroleum hydrocarbons (TPH) in the southwestern portion of the site be undertaken. The TPH investigation was coordinated with the hydrocarbon related investigation activities at the adjacent property to the south (the referenced Chevron site at 1400 Powell Street). In March and April 2010 hand augered soil bores HA-1 to HA-4 (to investigate shallow soil at landscaping depths) and CPT bores TRCPT-1 to TRCPT-4 (to investigate deeper and offsite soil and groundwater) were installed to investigate the benzo(a)pyrene and VOC issues, and CPT bores TRCPT-5 to TRCPT-9 were installed to investigate the TPH issue. The investigation did not detect additional benzo(a)pyrene and VOC concentrations of concern. TPH compounds were detected in shallow soil and shallow groundwater samples in the southern portion of the site (in soil up to 690 mg/kg TPHg, 220 mg/kg TPHd, 80 mg/kg TPHmo, 4 mg/kg ethylbenzene, and 4.9 mg/kg naphthalene at 5 to 6 feet bgs). TPH compounds were not detected in deeper soil samples collected at the site (10 to 22 ft bgs). Residual TPH contamination remains in soil along the southern property line at concentrations up to 2,100 mg/kg TPHg, 140 mg/kg TPHd (both with non-standard chromatograms), and 280 mg/kg TPHmo (however BTEX was not analyzed in these January 2005 samples).

Chevron Corporation, the owner of the southern service station portion of the former Union Bulk Storage facility, appears to be the apparent source of the majority of soil and groundwater contamination at the southern end of the subject parcel. Chevron continues to operate the gasoline station immediately adjacent to the site at Powell Street, and is currently investigating groundwater contamination at and around that facility (RO0000067).

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes		
Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes		
Does corrective action protect public health for current land use? Alameda County Environmental Health staff does not make specific determinations concerning public health risk. However, based upon the information available in our files to date, it does not appear that the release would present a risk to human health based upon current land use and conditions.		
Site Management Requirements: Case closure for this fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario occurs at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. 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		
Should corrective action be reviewed if land use changes? Yes		
Was a deed restriction or deed notification filed? No		Date Recorded: -----
Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: None		

V. ADDITIONAL COMMENTS, DATA, ETC.

Considerations and/or Variances:

Areas of residual contamination are present at this site and include the following:

- Benzo(a)pyrene at depths between 5 and 15 feet bgs are documented along the western property boundary beneath the general area of the sidewalk (TR-13 to TR-16). Based on current data, the contamination does not appear to be present in shallow soils (2 ft bgs samples) or extend offsite (TRCPT-1 to TRCPT-4).
- Petroleum hydrocarbon contamination along the southern property line (beneath delivery alleyway). This contamination may in part be related to former bulk oil storage activities at the site; however, based on the TPH carbon ranges present, a majority appears to emanate from the adjacent Chevron service station. Naphthalene has also been detected.
- Methylene chloride may be present in soil along the eastern property perimeter (TR-39 to TR-41), and in part beneath the building (TR-44), based on one excavation-bottom detection; however, this may also be a laboratory contaminant based on a letter issued by the lab.

Other considerations or variances:

- Soil vapor was not tested or analyzed for in part due to limited detection of volatile compounds in soil or groundwater at the site and due to the presence of a ventilated underground parking structure.
- A variety of other chemical compounds were detected in soil or groundwater at the site during site investigations; however, generally below levels of concern.
- This site is to be entered into the City of Emeryville Permit Tracking System due to the residual contamination on site.

Conclusion:

Alameda County Environmental Health staff believe that the levels of residual contamination do not pose a significant threat to water resources, public health and safety, and the environment under the current commercial land use based upon the information available in our files to date. No further investigation or cleanup for the fuel leak case is necessary unless a change in land use to any residential or other conservative land use scenario occurs at the site. ACEH staff recommend closure for this site.

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Mark Detterman, P.G., C.E.G.	Title: Senior Hazardous Materials Specialist
Signature: Mark Detterman	Date: 4/26/12
Approved by: Donna L. Drogos, P.E.	Title: Division Chief
Signature: Donna L. Drogos	Date: 04/26/12

This closure approval is based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions.

VII. REGIONAL BOARD NOTIFICATION

Regional Board Staff Name: Cherie McCaulou	Title: Engineering Geologist
Notification Date:	

VIII. MONITORING WELL DECOMMISSIONING

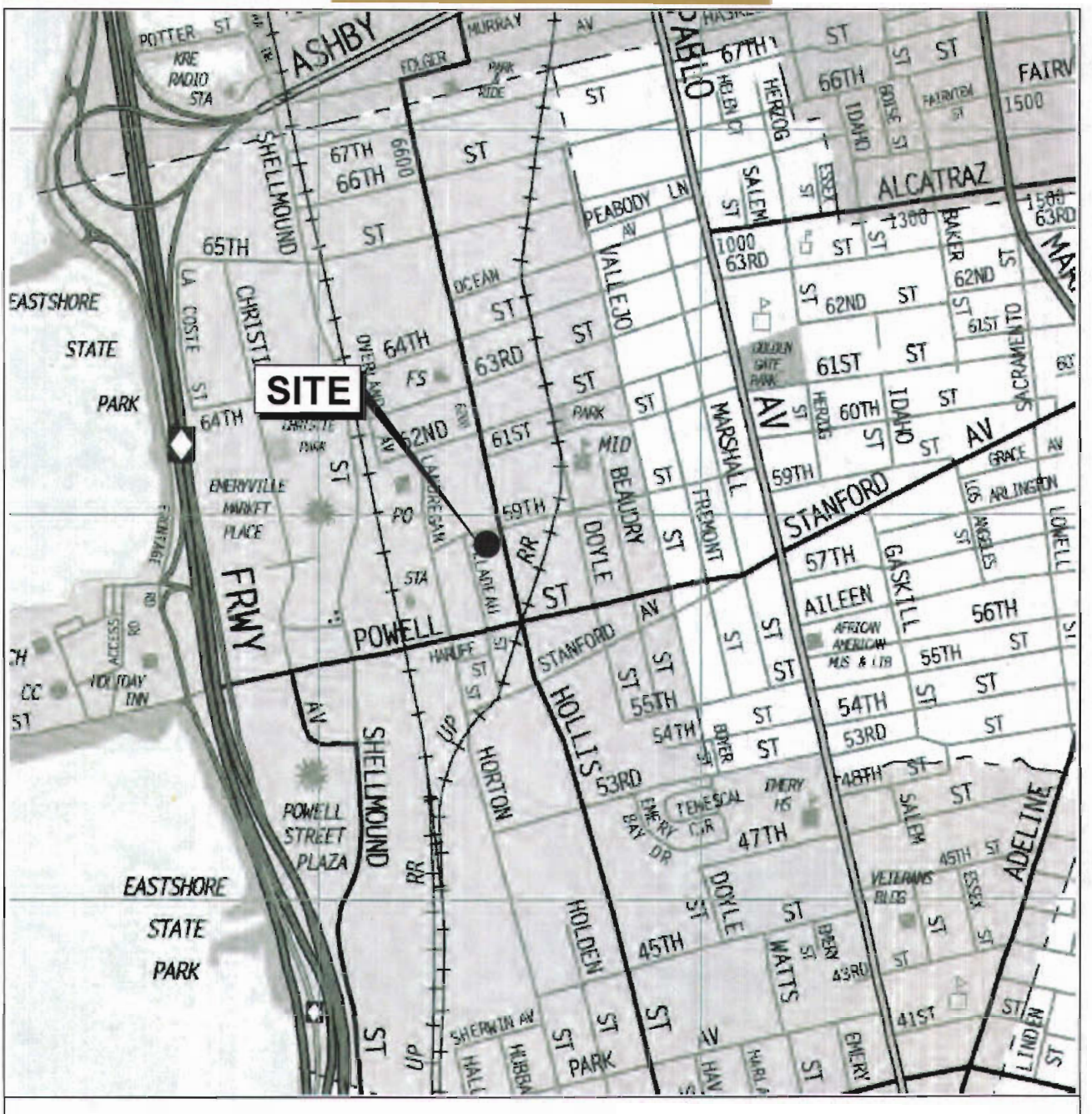
Date Requested by ACEH: Not Applicable	Date of Well Decommissioning Report: Not Applicable	
All Monitoring Wells Decommissioned: Yes	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: Not Applicable		
Additional requirements for submittal of groundwater data from retained wells: Not Applicable		
ACEH Concurrence - Signature: Not Applicable		Date: Not Applicable

Attachments:

1. Site Vicinity Map (3 pp)
2. Site Plans (9 pp)
3. Soil Analytical Data (10 pp)
4. Groundwater Analytical Data (5 pp)
5. Boring Logs (35 pp)
6. Cross Sections (4 pp)

This document and the related CASE CLOSURE LETTER & REMEDIAL ACTION COMPLETION CERTIFICATE shall be retained by the lead agency as part of the official site file.

ATTACHMENT 1



Base map: The Thomas Guide
Alameda County
1999

No scale

5885 HOLLIS STREET
Emeryville, California

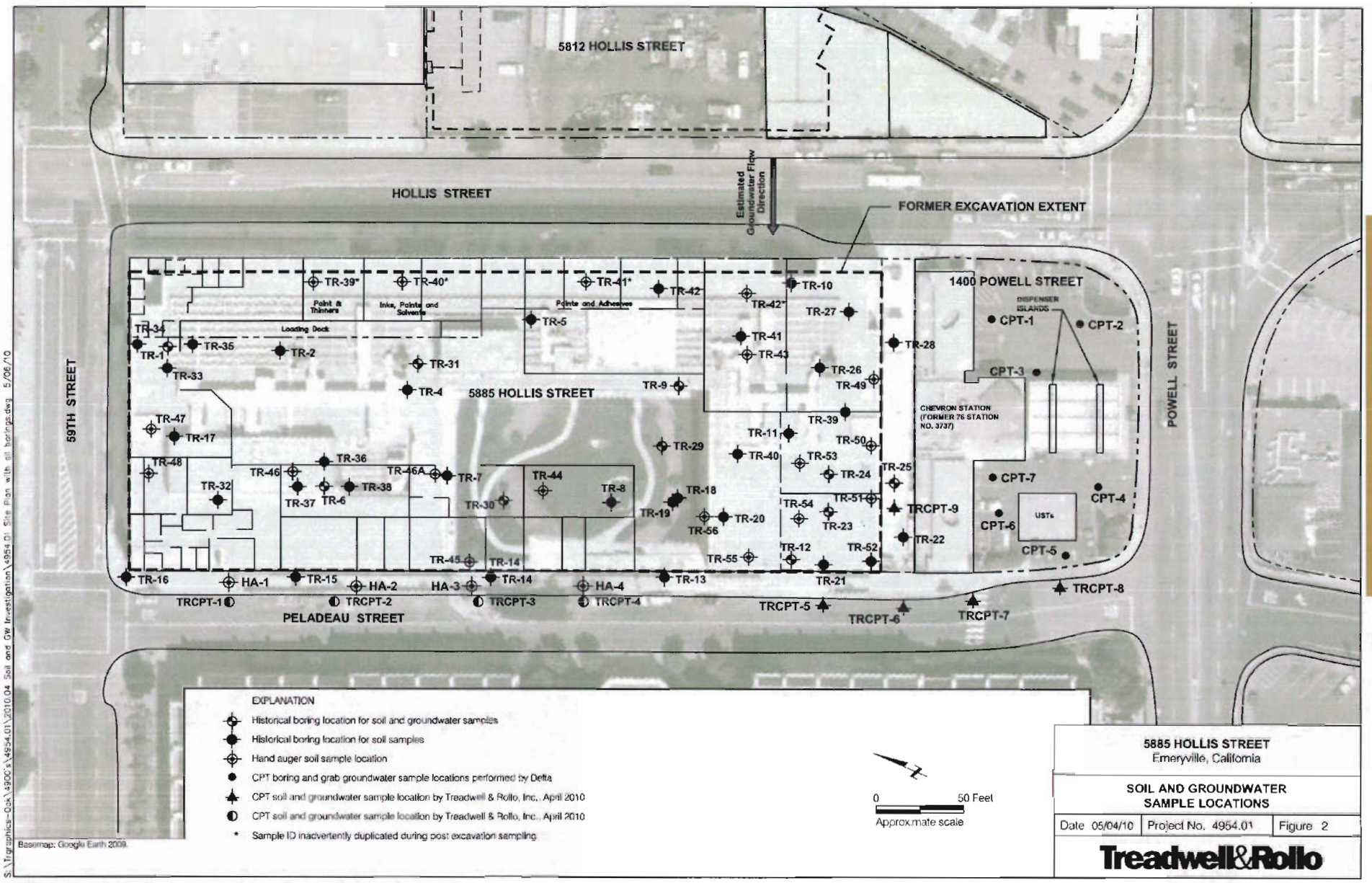
SITE LOCATION MAP

Treadwell&Rollo

Date 04/27/10	Project No. 4954.01	Figure 1


Subject Site; 5885 Hollis Street; RO0002621
Tosco 76 #3737 / Chevron Station; RO0000067
Horton St
Powell St
59th St
58th St
Hollis St
Chevron


Powell St
59th St
62nd St
Horton St
Shellmound St
Stanford Ave
Harlan St
Emeryville
Emeryville Community Organic Garden
Whole Foods Market Regional Office
Lithium Technologies
Bay Area Orthopedic Sports
Huff Productions
Sheila Moon Athletic Apparel
Alliance Game District Emeryville
Amyris Biotechnologies
Enterprise Rent-A-Car
Mavericks Sports Club
Peet's Coffee & Tea
Emery Bay Public Market
Carrington College California
Mind Body Connection Pilates
Townhouse Bar & Grill
Ratcliff
Siegel & Strain Architects
National Holistic Institute Massage School
Design Centric Lab
Loop 22
Cardtronics ATM
Zentner Collection
CLP Resources
Saturn Records
Local Color
Pacific Rim International School
Four Points By Sheraton San Francisco Bay Bridge
Pamir Afghan Cuisine
Philly's Cheesesteak & More
Buca's



5885 HOLLIS STREET
Emeryville, California

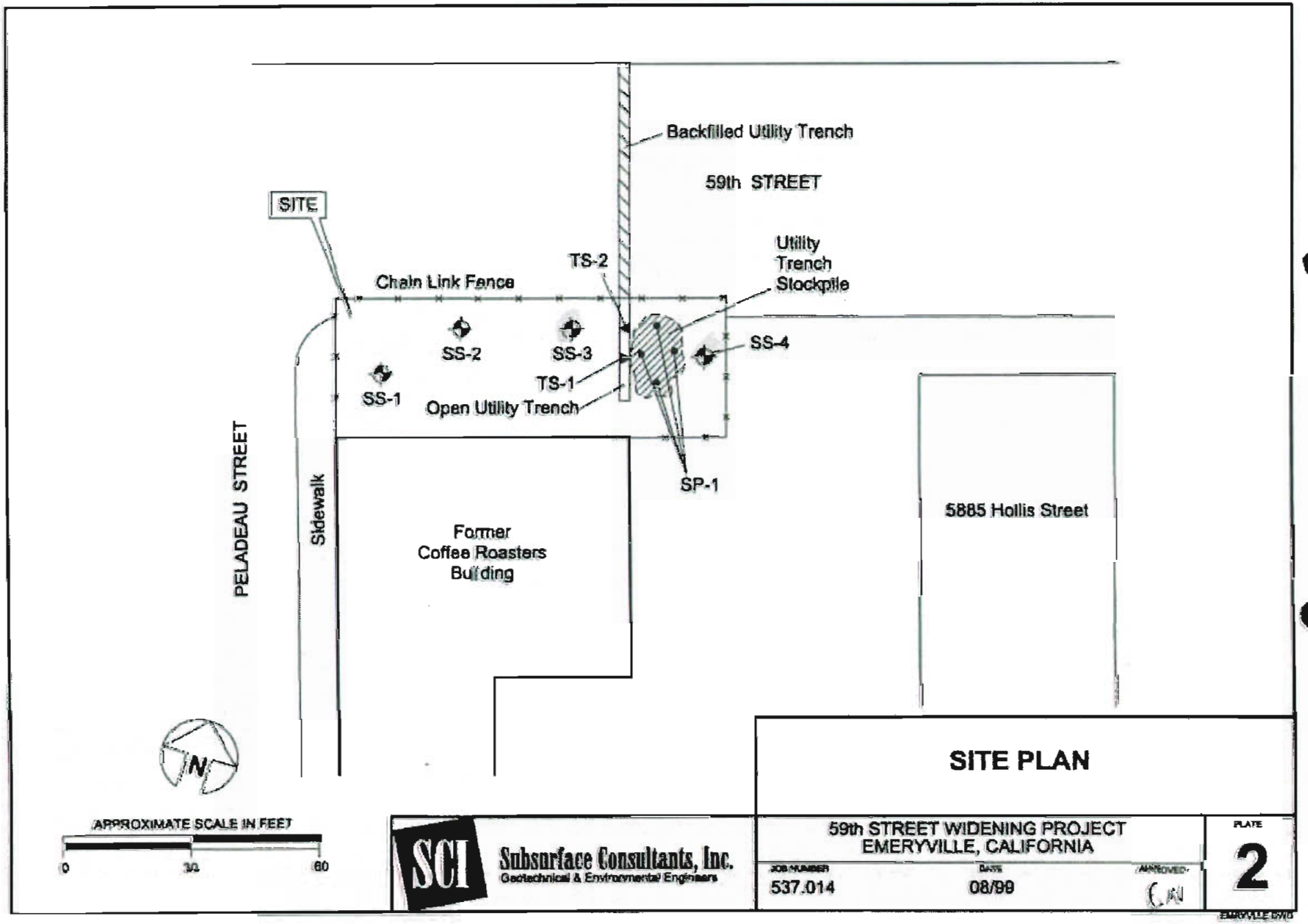
SOIL AND GROUNDWATER SAMPLE LOCATIONS

Date 05/04/10	Project No. 4954.01	Figure 2

Treadwell&Rollo

S:\Tr graphics-Oak\4900's\4954.01\2010.04 Soil and GW Investigation\4954.01 Site Plan with all borings.dwg 5/06/10

ATTACHMENT 2



SITE PLAN

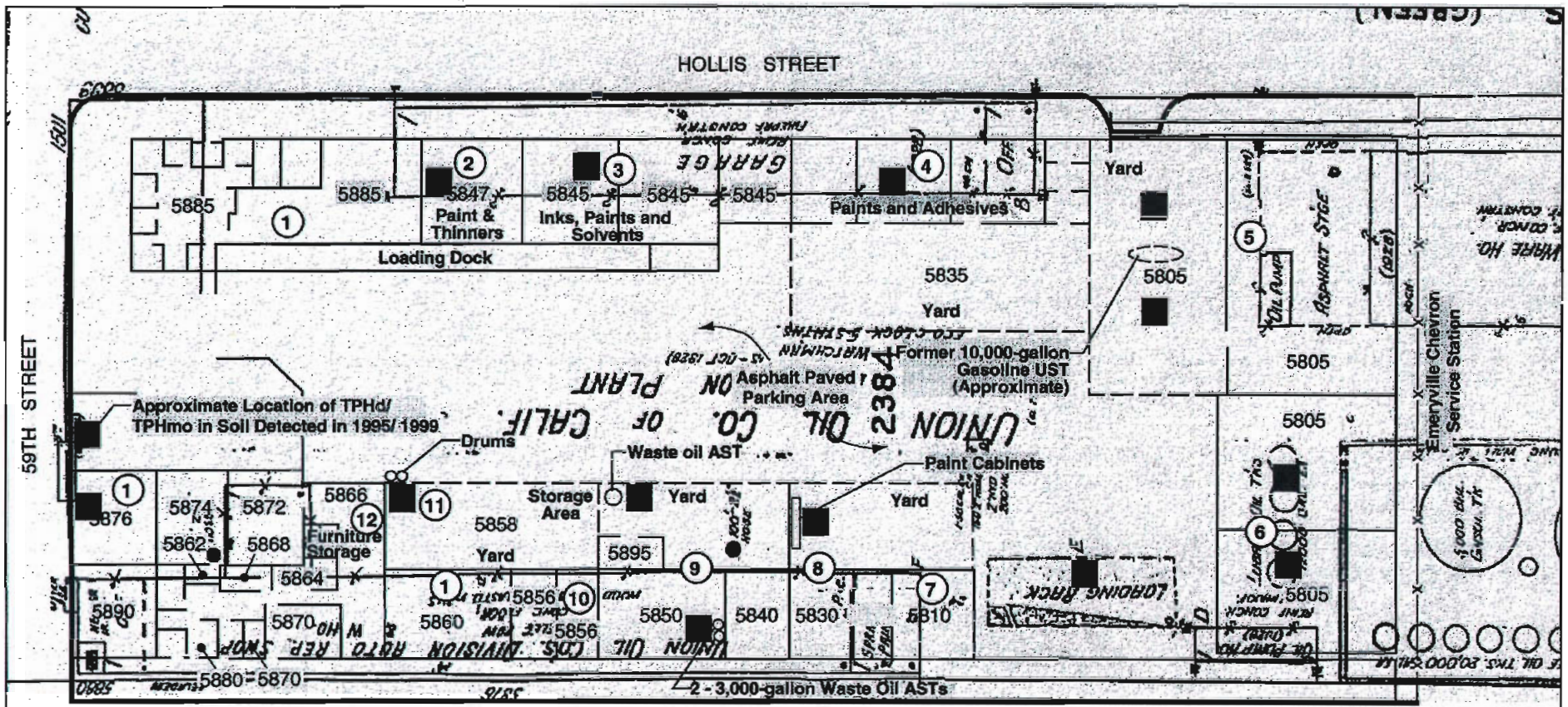
Subsurface Consultants, Inc.
Geotechnical & Environmental Engineers

59th STREET WIDENING PROJECT
EMERYVILLE, CALIFORNIA

JOB NUMBER	DATE	APPROVED
537.014	08/99	

PLATE
2

EMERYVILLE DWG



TENANTS

1. McLaughlin Coffee
2. BMP Seismic Retrofitting
3. Graphic Traffic
4. Canova Marble
5. S.B. Thomas
6. Pro-Formance Lighting
7. Edy's Candy Kitchen
8. Correris Cabinets
9. Fleetcare Repair
10. TLC Windshield
11. Ellerson Weaver
12. Alpha Furniture Restoration

■ Approximate location of Post Excavation Soil Sample

Note: Site features from Environmental Site Asessment, March 19, 1995 (Weiss Associates)

0 60 Feet

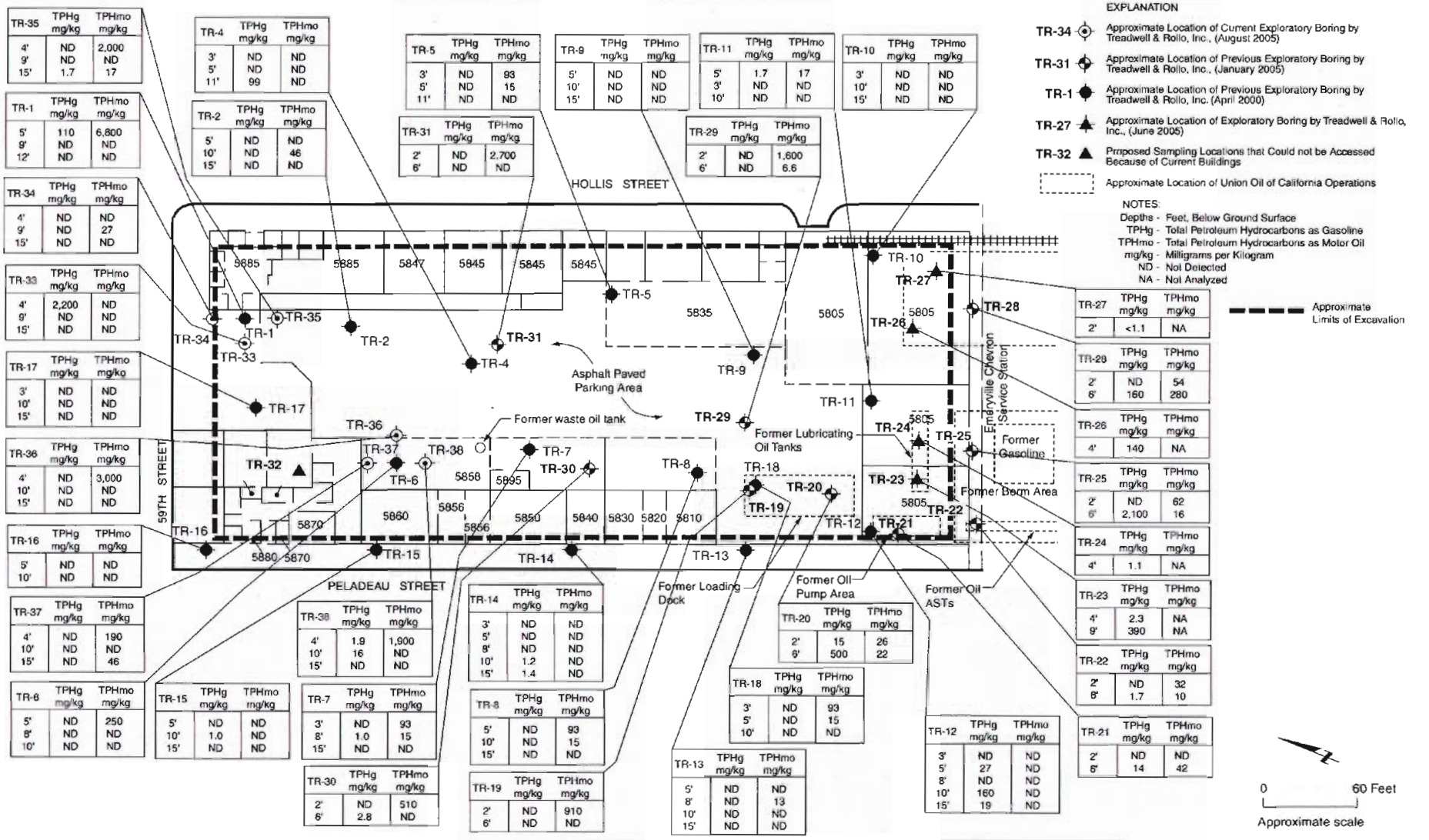
Approximate scale

5885 HOLLIS STREET
Emeryville, California

PROPOSED POST EXCAVATION SOIL SAMPLE LOCATIONS

Date 11/29/05	Project No. 4069.01	Figure 6

Treadwell&Rollo



TR-35	TPHg mg/kg	TPHmo mg/kg
4'	ND	2,000
9'	ND	ND
15'	1.7	17

TR-4	TPHg mg/kg	TPHmo mg/kg
3'	ND	ND
5'	ND	ND
11'	99	ND

TR-5	TPHg mg/kg	TPHmo mg/kg
3'	ND	93
5'	ND	15
11'	ND	ND

TR-9	TPHg mg/kg	TPHmo mg/kg
5'	ND	ND
10'	ND	ND
15'	ND	ND

TR-11	TPHg mg/kg	TPHmo mg/kg
5'	1.7	17
3'	ND	ND
10'	ND	ND

TR-10	TPHg mg/kg	TPHmo mg/kg
3'	ND	ND
10'	ND	ND
15'	ND	ND

TR-1	TPHg mg/kg	TPHmo mg/kg
5'	110	6,800
9'	ND	ND
12'	ND	ND

TR-2	TPHg mg/kg	TPHmo mg/kg
5'	ND	ND
10'	ND	46
15'	ND	ND

TR-31	TPHg mg/kg	TPHmo mg/kg
2'	ND	2,700
6'	ND	ND

TR-29	TPHg mg/kg	TPHmo mg/kg
2'	ND	1,600
6'	ND	6.6

TR-34	TPHg mg/kg	TPHmo mg/kg
4'	ND	ND
9'	ND	27
15'	ND	ND

TR-33	TPHg mg/kg	TPHmo mg/kg
4'	2,200	ND
9'	ND	ND
15'	ND	ND

TR-17	TPHg mg/kg	TPHmo mg/kg
3'	ND	ND
10'	ND	ND
15'	ND	ND

TR-36	TPHg mg/kg	TPHmo mg/kg
4'	ND	3,000
10'	ND	ND
15'	ND	ND

TR-16	TPHg mg/kg	TPHmo mg/kg
5'	ND	ND
10'	ND	ND

TR-37	TPHg mg/kg	TPHmo mg/kg
4'	ND	190
10'	ND	ND
15'	ND	46

TR-38	TPHg mg/kg	TPHmo mg/kg
4'	1.9	1,900
10'	16	ND
15'	ND	ND

TR-14	TPHg mg/kg	TPHmo mg/kg
3'	ND	ND
5'	ND	ND
8'	ND	ND
10'	1.2	ND
15'	1.4	ND

TR-20	TPHg mg/kg	TPHmo mg/kg
2'	15	26
6'	500	22

TR-18	TPHg mg/kg	TPHmo mg/kg
3'	ND	93
5'	ND	15
10'	ND	ND

TR-27	TPHg mg/kg	TPHmo mg/kg
2'	<1.1	NA

TR-28	TPHg mg/kg	TPHmo mg/kg
2'	ND	54
6'	160	280

TR-26	TPHg mg/kg	TPHmo mg/kg
4'	140	NA

TR-25	TPHg mg/kg	TPHmo mg/kg
2'	ND	62
6'	2,100	16

TR-24	TPHg mg/kg	TPHmo mg/kg
4'	1.1	NA

TR-23	TPHg mg/kg	TPHmo mg/kg
4'	2.3	NA
9'	390	NA

TR-22	TPHg mg/kg	TPHmo mg/kg
2'	ND	32
6'	1.7	10

TR-21	TPHg mg/kg	TPHmo mg/kg
2'	ND	ND
6'	14	42

TR-12	TPHg mg/kg	TPHmo mg/kg
3'	ND	ND
5'	27	ND
8'	ND	ND
10'	160	ND
15'	19	ND

TR-13	TPHg mg/kg	TPHmo mg/kg
5'	ND	ND
8'	ND	13
10'	ND	ND
15'	ND	ND

TR-19	TPHg mg/kg	TPHmo mg/kg
2'	ND	910
6'	ND	ND

TR-8	TPHg mg/kg	TPHmo mg/kg
5'	ND	250
8'	ND	ND
10'	ND	ND

TR-15	TPHg mg/kg	TPHmo mg/kg
5'	ND	ND
10'	1.0	ND
15'	ND	ND

TR-7	TPHg mg/kg	TPHmo mg/kg
3'	ND	93
8'	1.0	15
15'	ND	ND

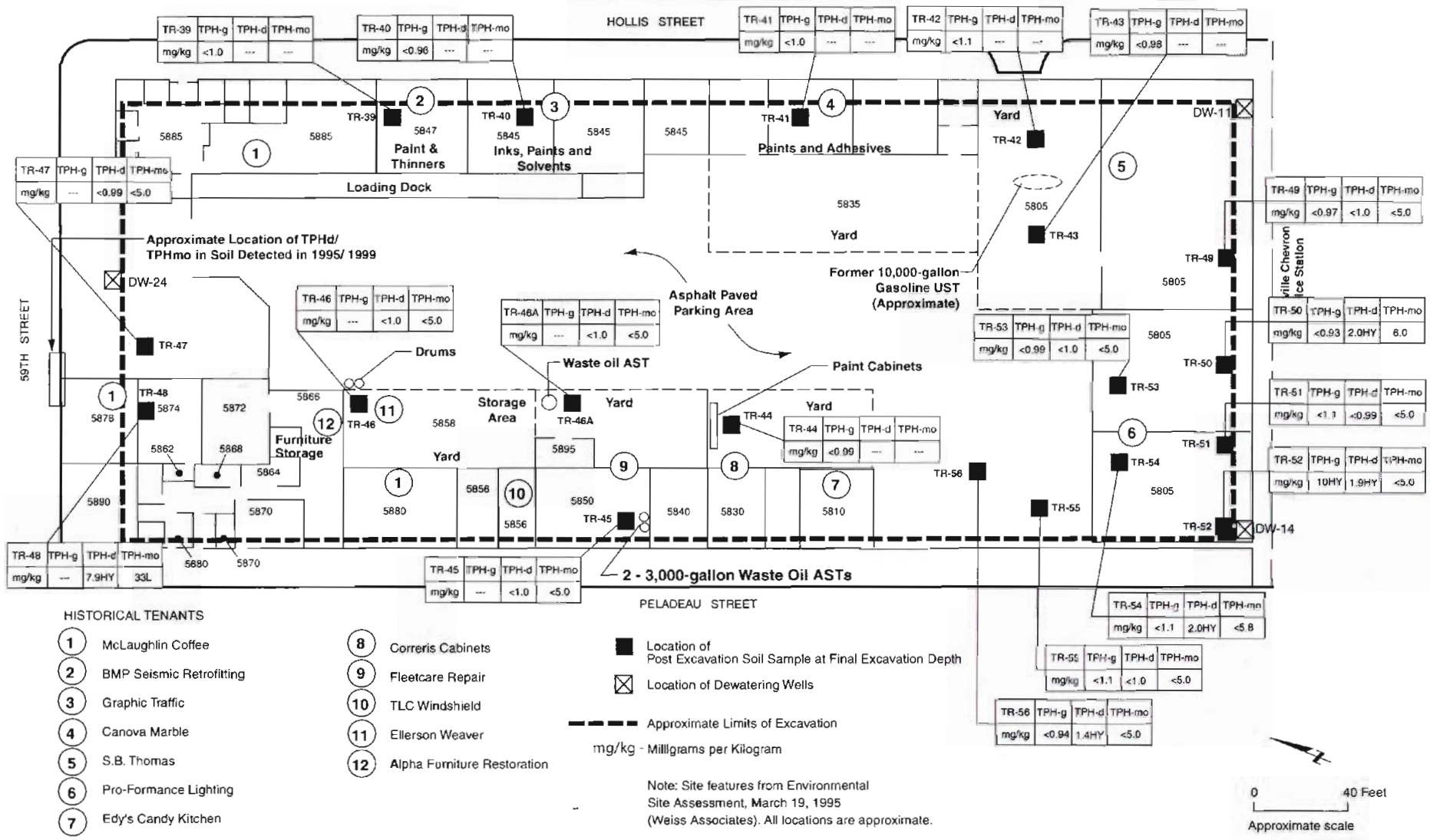
TR-30	TPHg mg/kg	TPHmo mg/kg
2'	ND	510
6'	2.8	ND

ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

TOTAL PETROLEUM HYDROCARBONS PREVIOUSLY DETECTED IN SOIL

Leong Environmental, Inc.

Date 12/16/08 | Project No. 103.001 | Figure 1

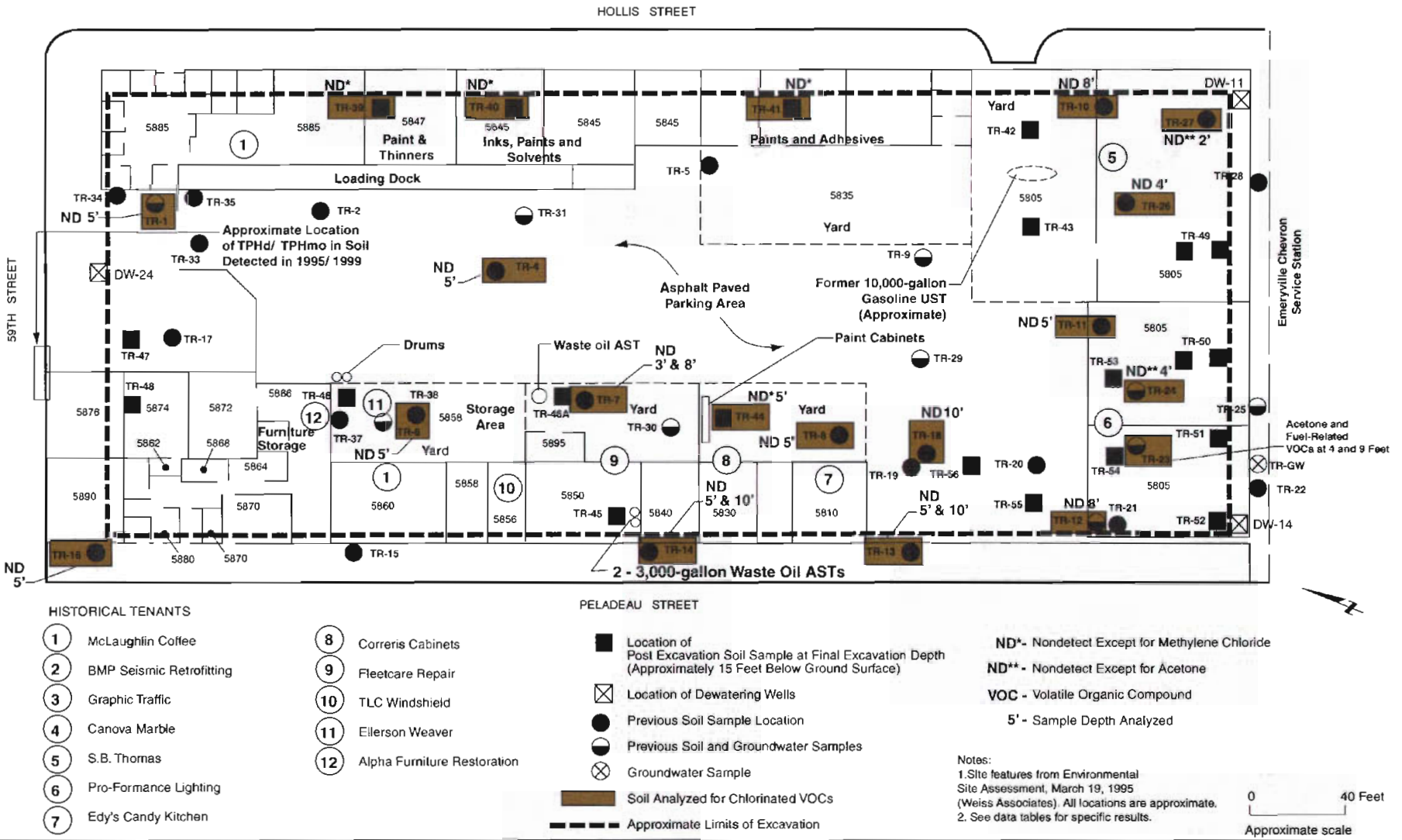


ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

TOTAL PETROLEUM HYDROCARBONS DETECTED IN POST-EXCAVATION SOIL SAMPLES

Leong Environmental, Inc.

Date 12/13/08 | Project No. 103.001 | Figure 2

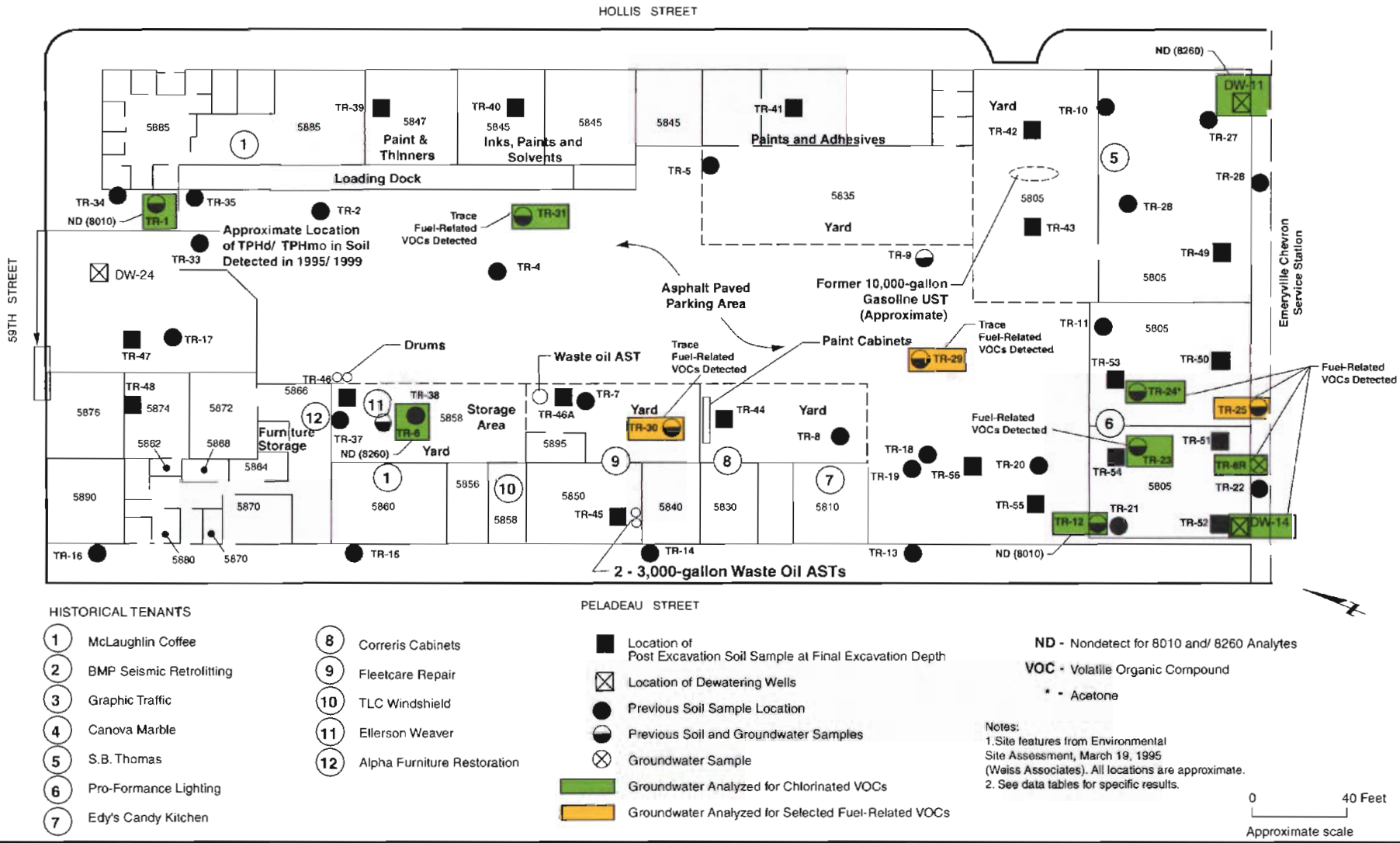


ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

SOIL SAMPLE LOCATIONS ANALYZED FOR CHLORINATED VOCs

Leong Environmental, Inc.

Date 12/16/08 | Project No. 103.001 | Figure 7



HISTORICAL TENANTS

1. McLaughlin Coffee
2. BMP Seismic Retrofitting
3. Graphic Traffic
4. Canova Marble
5. S.B. Thomas
6. Pro-Formance Lighting
7. Edy's Candy Kitchen
8. Correris Cabinets
9. Fleetcare Repair
10. TLC Windshield
11. Ellerson Weaver
12. Alpha Furniture Restoration

- Location of Post Excavation Soil Sample at Final Excavation Depth
- Location of Dewatering Wells
- Previous Soil Sample Location
- Previous Soil and Groundwater Samples
- Groundwater Sample
- Groundwater Analyzed for Chlorinated VOCs
- Groundwater Analyzed for Selected Fuel-Related VOCs

ND - Nondetect for 8010 and/ 8260 Analytes

VOC - Volatile Organic Compound

* - Acetone

Notes:
1. Site features from Environmental Site Assessment, March 19, 1995 (Weiss Associates). All locations are approximate.
2. See data tables for specific results.

0 40 Feet

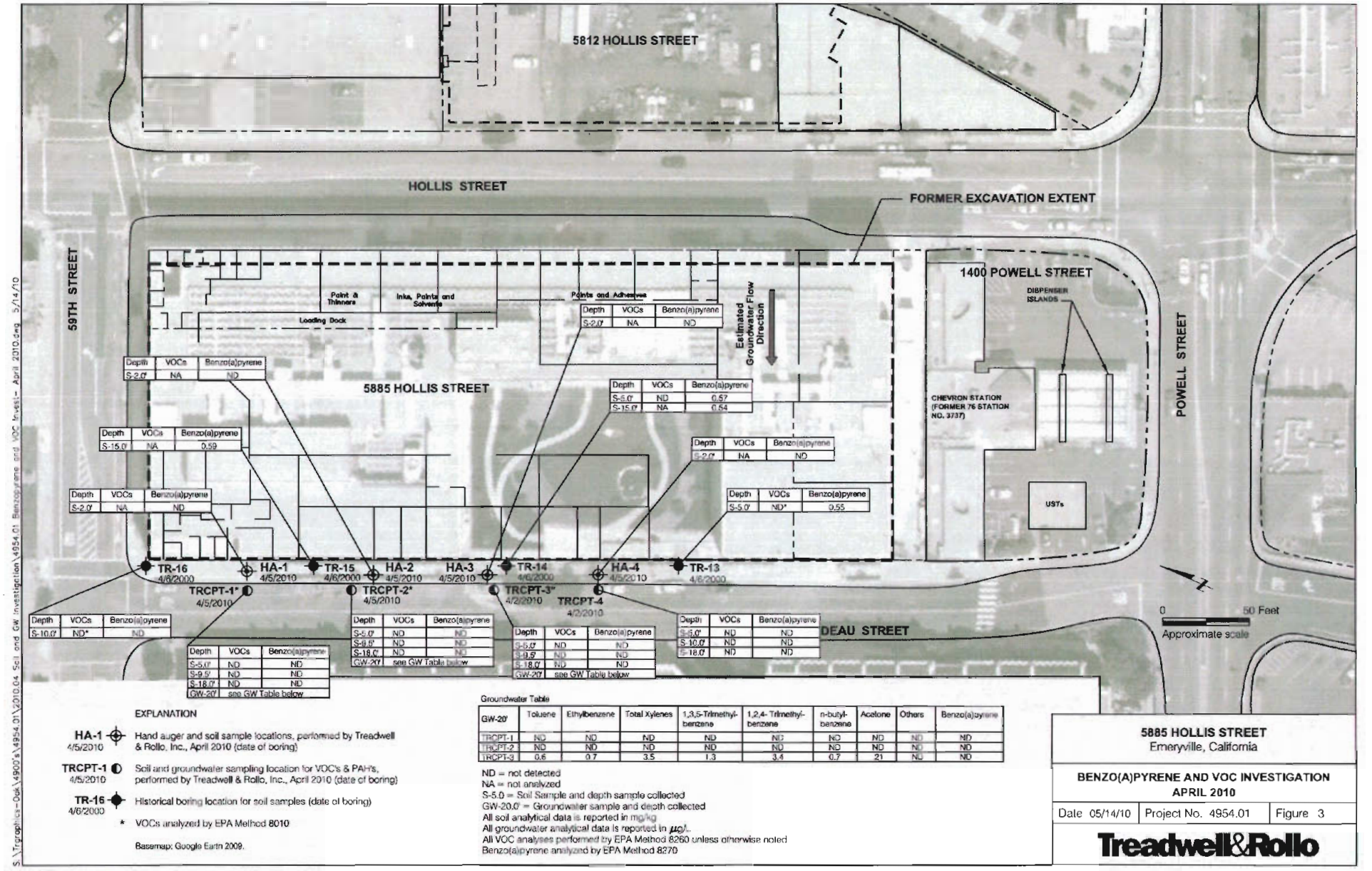
Approximate scale

ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

GROUNDWATER SAMPLES ANALYZED FOR CHLORINATED VOCs

Leong Environmental, Inc.

Date 12/16/08 | Project No. 103.001 | Figure 8



Depth	VOCs	Benzo(a)pyrene
S-2.0'	NA	ND

Depth	VOCs	Benzo(a)pyrene
S-2.0'	NA	ND

Depth	VOCs	Benzo(a)pyrene
S-5.0'	ND	0.57
S-15.0'	NA	0.54

Depth	VOCs	Benzo(a)pyrene
S-15.0'	NA	0.59

Depth	VOCs	Benzo(a)pyrene
S-2.0'	NA	ND

Depth	VOCs	Benzo(a)pyrene
S-2.0'	NA	ND

Depth	VOCs	Benzo(a)pyrene
S-5.0'	ND*	0.55

Depth	VOCs	Benzo(a)pyrene
S-10.0'	ND*	ND

Depth	VOCs	Benzo(a)pyrene
S-5.0'	ND	ND
S-9.5'	ND	ND
S-18.0'	ND	ND
GW-20'	see GW Table below	

Depth	VOCs	Benzo(a)pyrene
S-5.0'	ND	ND
S-9.5'	ND	ND
S-18.0'	ND	ND
GW-20'	see GW Table below	

Depth	VOCs	Benzo(a)pyrene
S-5.0'	ND	ND
S-10.0'	ND	ND
S-16.0'	ND	ND

EXPLANATION

HA-1 4/5/2010 — Hand auger and soil sample locations, performed by Treadwell & Rollo, Inc., April 2010 (date of boring)

TRCPT-1 4/5/2010 — Soil and groundwater sampling location for VOC's & PAH's, performed by Treadwell & Rollo, Inc., April 2010 (date of boring)

TR-16 4/6/2000 — Historical boring location for soil samples (date of boring)

* VOCs analyzed by EPA Method 8010

Basemap: Google Earth 2009.

Groundwater Table

GW-20'	Toluene	Ethylbenzene	Total Xylenes	1,3,5-Trimethyl-benzene	1,2,4- Trimethyl-benzene	n-butyl-benzene	Acetone	Others	Benzo(a)pyrene
TRCPT-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRCPT-2	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRCPT-3	0.6	0.7	3.5	1.3	3.4	0.7	21	ND	ND

ND = not detected
NA = not analyzed
S-5.0 = Soil Sample and depth sample collected
GW-20.0' = Groundwater sample and depth collected
All soil analytical data is reported in mg/kg
All groundwater analytical data is reported in µg/L.
All VOC analyses performed by EPA Method 8260 unless otherwise noted
Benzo(a)pyrene analyzed by EPA Method 8270

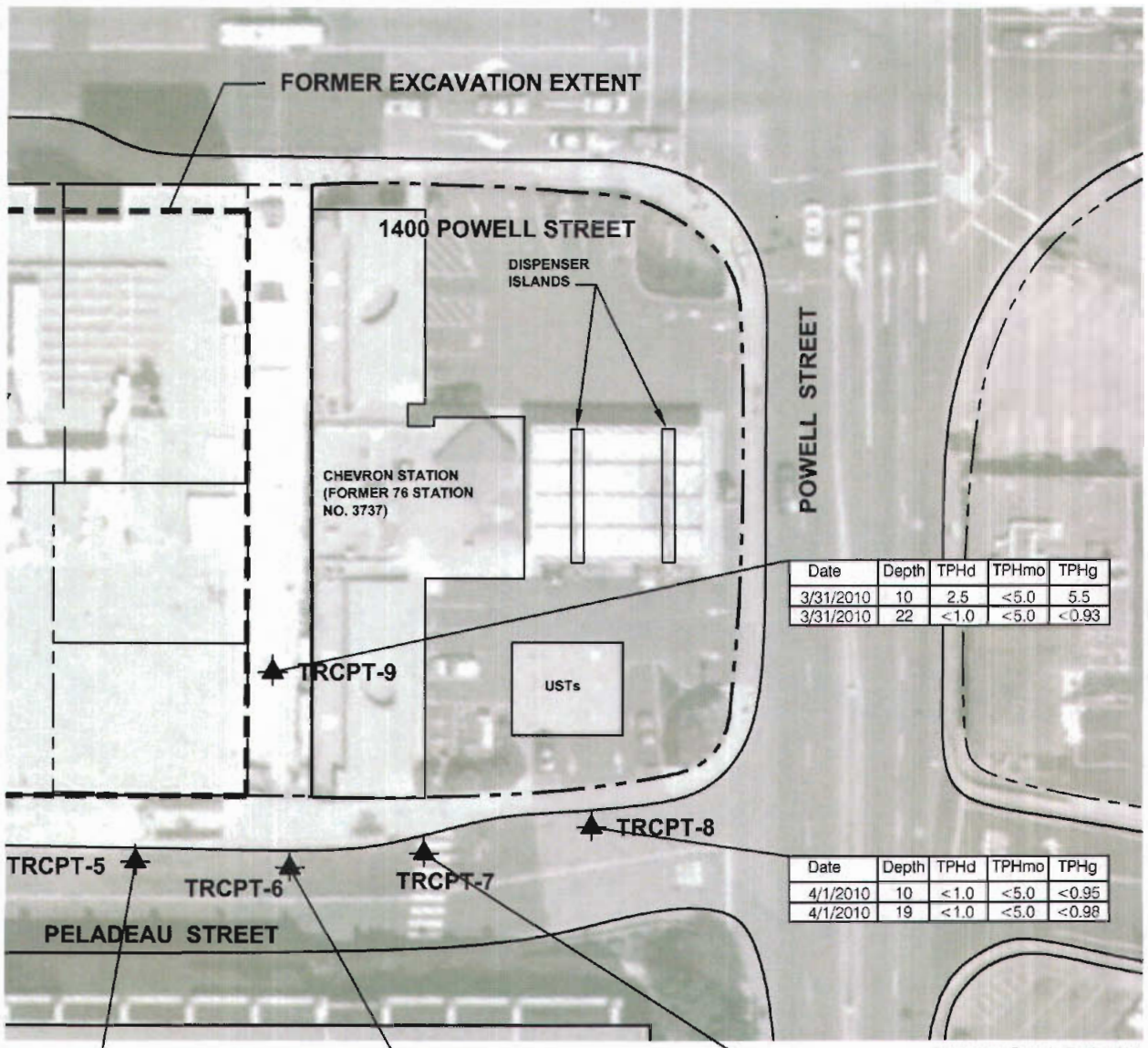
5885 HOLLIS STREET
Emeryville, California

BENZO(A)PYRENE AND VOC INVESTIGATION
APRIL 2010

Date 05/14/10 | Project No. 4954.01 | Figure 3

Treadwell&Rollo

S:\Trgraphics-Oak\4900's\4954.01\2010.04 Soil and GW Investigation\4954.01 Benzo(a)pyrene and VOC Invest- April 2010.dwg 5/14/10



Date	Depth	TPHd	TPHmo	TPHg
3/31/2010	10	2.5	<5.0	5.5
3/31/2010	22	<1.0	<5.0	<0.93

Date	Depth	TPHd	TPHmo	TPHg
4/1/2010	10	<1.0	<5.0	<0.95
4/1/2010	19	<1.0	<5.0	<0.98

Basemap: Google Earth 2009.

Date	Depth	TPHd	TPHmo	TPHg
4/1/2010	6	220	80	690
4/1/2010	16	<0.99	<5.0	<0.96

Date	Depth	TPHd	TPHmo	TPHg
4/2/2010	7	<1.0	<5.0	<0.99
4/2/2010	19	<0.99	<5.0	<1.0

Date	Depth	TPHd	TPHmo	TPHg
4/2/2010	5	67	6.3	680
4/2/2010	16	<0.99	<5.0	<1.0

EXPLANATION

Additional CPT and soil and groundwater sampling location for dissolved petroleum hydrocarbon delineation, performed by Treadwell & Rollo, Inc., April 2010

All concentrations reported in mg/kg

0 50 Feet

Approximate scale

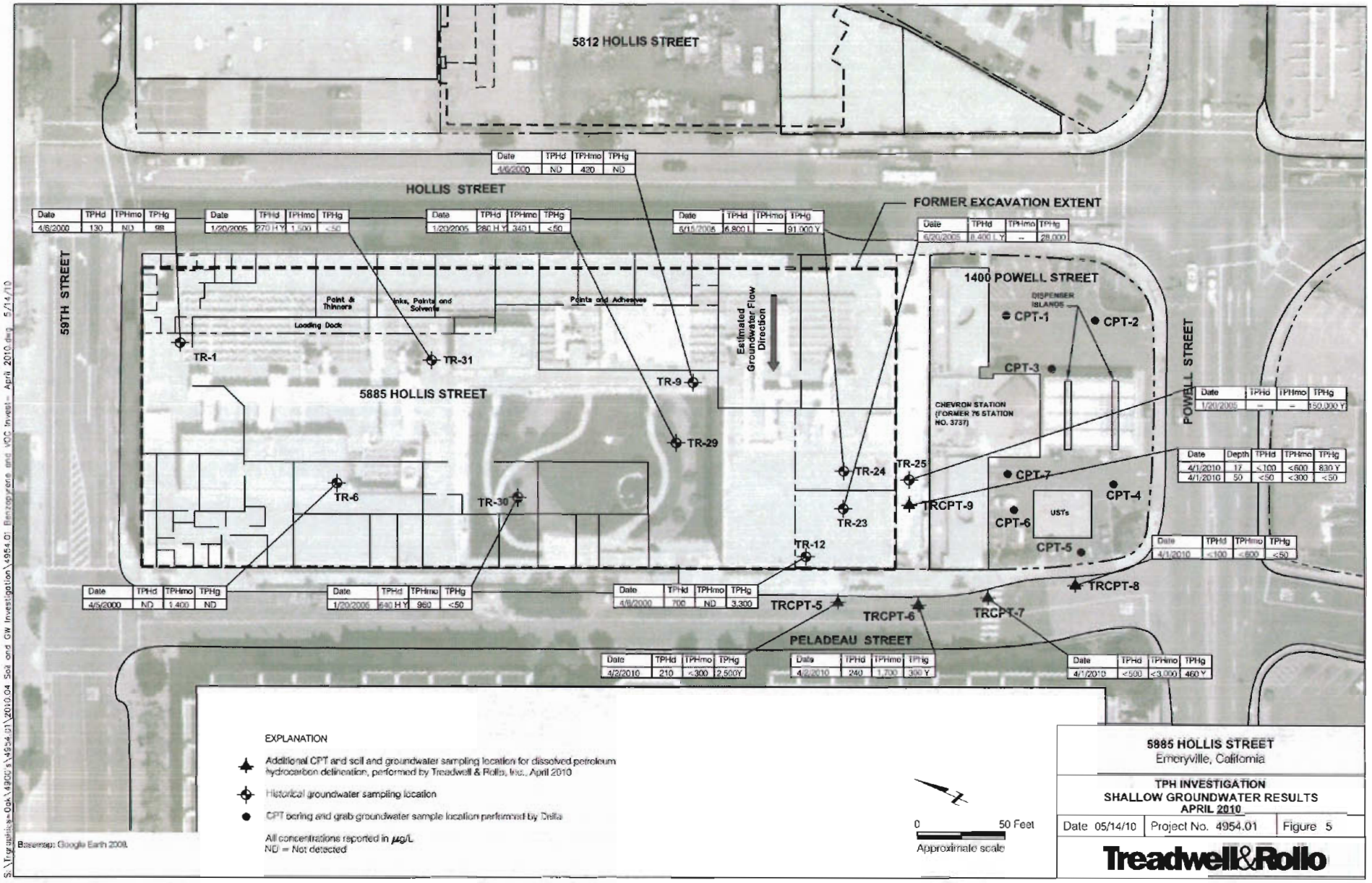
5885 HOLLIS STREET
Emeryville, California

TPH INVESTIGATION SOIL RESULTS FROM APRIL 2010

Treadwell&Rollo

Date 05/14/10 | Project No. 4954.01 | Figure 4

S:\Trgraphics-Oak\4900's\4954.01\2010.04 Soil and GW Investigation\4954.01 Benzopyrene and VOC Invest- April 2010.dwg 5/14/10



5885 HOLLIS STREET
Emeryville, California

TPH INVESTIGATION
SHALLOW GROUNDWATER RESULTS
APRIL 2010

Date 05/14/10 | Project No. 4954.01 | Figure 5

Treadwell&Rollo

S:\Graphics-Oak\4900's\4954.01\2010.04 Soil and GW Investigation\4954.01 Benzosphere and VOC Invest - April 2010.dwg 5/14/10

Table 2. Summary of Soil Analytical Data
59th Street Widening Project
Emeryville, California

Analyte	Units	Sample ID							
		SP-1	TS-1@2'	TS-2@2'	SS-1@2'	SS-2@2'	SS-3@2'	SS-4@2'	SS-4@4'
TVHg	mg/kg	2.4	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	3.8	ND(1)
TEHd	mg/kg	1,100	2,300	200	3.3	16	160	13,000	200
TEHo	mg/kg	880	4,000	720	24	94	580	15,000	280
Benzene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Toluene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Ethyl benzene	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
Xylenes	mg/kg	-	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)	ND(0.005)
MtBE	mg/kg	-	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)
VOCs	mg/kg	ND	-	-	-	-	-	-	-
SVOCs	mg/kg	ND	-	-	-	-	-	-	-
PCBs: Arochlor 1260	mg/kg	0.046	-	-	ND(0.012)	0.092	0.032	0.016	ND(0.012)
Metals	mg/kg								
Antimony	mg/kg	ND(3.0)	-	-	-	-	-	-	-
Arsenic	mg/kg	7.3	-	-	-	-	-	-	-
Barium	mg/kg	79	-	-	-	-	-	-	-
Beryllium	mg/kg	0.21	-	-	-	-	-	-	-
Cadmium	mg/kg	0.42	-	-	ND(0.25)	0.32	0.55	0.95	ND(0.24)
Chromium	mg/kg	24	-	-	22	25	19	26	31
Cobalt	mg/kg	7	-	-	-	-	-	-	-
Copper	mg/kg	12	-	-	-	-	-	-	-
Lead	mg/kg	11	-	-	10	22	34	120	3.8
Mercury	mg/kg	ND(0.038)	-	-	-	-	-	-	-
Molybdenum	mg/kg	ND(0.99)	-	-	-	-	-	-	-
Nickel	mg/kg	34	-	-	25	31	30	26	27
Selenium	mg/kg	ND(0.25)	-	-	-	-	-	-	-
Silver	mg/kg	ND(0.5)	-	-	-	-	-	-	-
Thallium	mg/kg	ND(0.25)	-	-	-	-	-	-	-
Vanadium	mg/kg	22	-	-	-	-	-	-	-
Zinc	mg/kg	50	-	-	42	48	120	120	22

Notes:
TVHg = total volatile hydrocarbons as gasoline
TEHd = total extractable hydrocarbons as diesel
TEHo = total extractable hydrocarbons as motor oil
MtBE = methyl tertiary butyl ether

VOCs = volatile organic compounds
SVOCs = semi-volatile organic compounds
PCBs = polychlorinated biphenyls

ND(1) = not detected at analytical reporting limit
mg/kg = milligrams per kilogram, or parts per million
- = not analyzed

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
Emeryville Industrial Court
Emeryville, California

Sample Number	Sample Date	Sample Depth	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
TR-1-4.0	4/6/00	4	ND	24	150	21	110
TR-1-7.0	4/6/00	7	--	--	--	--	--
TR-1-9.0	4/6/00	9	--	--	--	--	--
TR-1-12.0	4/6/00	12	--	--	--	--	--
TR-1-15.0	4/6/00	15	--	--	--	--	--
TR-2-3.0	4/6/00	3	--	--	--	--	--
TR-2-5.0	4/6/00	5	ND	45	8.9	32	40
TR-2-7.0	4/6/00	7	--	--	--	--	--
TR-2-10.0	4/6/00	10	ND	50	ND	41	41
TR-2-15.0	4/6/00	15	ND	26	ND	37	48
TR-4-3.0	4/5/00	3	--	--	--	--	--
TR-4-5.0	4/5/00	5	ND	30	5.8	31	40
TR-4-8.0	4/5/00	7	--	--	--	--	--
TR-4-11.0	4/5/00	10	ND	45	ND	56	54
TR-5-3.0	4/5/00	3	--	--	--	--	--
TR-5-4.0	4/5/00	4	--	--	--	--	--
TR-5-6.0	4/5/00	6	--	--	--	--	--
TR-5-8.0	4/5/00	8	--	--	--	--	--
TR-5-10.0	4/5/00	10	ND	49	9.7	70	57
TR-5-15.0	4/5/00	15	--	--	--	--	--
TR-6-3.0	4/5/00	3	--	--	--	--	--
TR-6-5.0	4/5/00	5	ND	55	150	38	86
TR-6-8.0	4/5/00	8	--	--	--	--	--
TR-6-10.0	4/5/00	10	--	--	--	--	--
TR-6-15.0	4/5/00	15	--	--	--	--	--
TR-7-3.0	4/5/00	3	ND	28	ND	23	26
TR-7-5.0	4/5/00	5	--	--	--	--	--
TR-7-8.0	4/5/00	8	--	--	--	--	--
TR-7-10.0	4/5/00	10	--	--	--	--	--
TR-7-15.0	4/5/00	15	--	--	--	--	--
TR-8-3.0	4/5/00	3	--	--	--	--	--
TR-8-5.0	4/5/00	5	--	--	--	--	--
TR-8-8.0	4/5/00	8	--	--	--	--	--
TR-8-10.0	4/5/00	10	ND	43	8.3	56	49
TR-8-15.0	4/5/00	15	--	--	--	--	--
TR-9-3.0	4/5/00	3	--	--	--	--	--
TR-9-5.0	4/5/00	5	--	--	--	--	--
TR-9-8.0	4/5/00	8	--	--	--	--	--
TR-9-10.0	4/5/00	10	ND	8.8	7.6	25	39
TR-9-15.0	4/5/00	15	--	--	--	--	--
TR-10-3.0	4/6/00	3	ND	47	ND	35	31
TR-10-5.0	4/6/00	5	--	--	--	--	--
TR-10-8.0	4/6/00	8	--	--	--	--	--
TR-10-10.0	4/6/00	10	--	--	--	--	--
TR-10-15.0	4/6/00	15	ND	37	ND	110	61
TR-11-3.0	4/5/00	3	--	--	--	--	--
TR-11-5.0	4/5/00	5	ND	30	10	64	40
TR-11-8.0	4/5/00	8	--	--	--	--	--
TR-11-10.0	4/5/00	10	--	--	--	--	--
TR-11-15.0	4/5/00	15	--	--	--	--	--

Table 2
SOIL SAMPLE ANALYTICAL RESULTS
Emeryville Industrial Court
Emeryville, California

Sample Number	Sample Date	Sample Depth	Cadmium (mg/Kg)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
TR-12-3.0	4/5/00	3	ND	17	6.8	14	28
TR-12-5.0	4/5/00	5	ND	35	8.2	64	52
TR-12-8.0	4/5/00	8	--	--	--	--	--
TR-12-10.0	4/5/00	10	--	--	--	--	--
TR-12-15.0	4/5/00	15	--	--	--	--	--
TR-13-3.0	4/6/00	3	--	--	--	--	--
TR-13-5.0	4/6/00	5	--	--	--	--	--
TR-13-8.0	4/6/00	8	ND	97	28	99	73
TR-13-10.0	4/6/00	10	--	--	--	--	--
TR-13-15.0	4/6/00	15	--	--	--	--	--
TR-14-3.0	4/6/00	3	--	--	--	--	--
TR-14-5.0	4/6/00	5	ND	18	ND	15	20
TR-14-8.0	4/6/00	8	--	--	--	--	--
TR-14-10.0	4/6/00	10	ND	32	ND	33	36
TR-14-15.0	4/6/00	15	--	--	--	--	--
TR-15-3.0	4/6/00	3	--	--	--	--	--
TR-15-5.0	4/6/00	5	ND	39	ND	64	42
TR-15-8.0	4/6/00	8	--	--	--	--	--
TR-15-10.0	4/6/00	10	--	--	--	--	--
TR-15-15.0	4/6/00	15	--	--	--	--	--
TR-16-3.0	4/6/00	3	--	--	--	--	--
TR-16-5.0	4/6/00	5	--	--	--	--	--
TR-16-8.0	4/6/00	8	--	--	--	--	--
TR-16-10.0	4/6/00	10	--	--	--	--	--
TR-16-15.0	4/6/00	15	--	--	--	--	--
TR-17-3.0	4/6/00	3	ND	28	ND	12	19
TR-17-5.0	4/6/00	5	--	--	--	--	--
TR-17-8.0	4/6/00	8	--	--	--	--	--
TR-17-10.0	4/6/00	10	ND	39	ND	53	39
TR-17-15.0	4/6/00	15	--	--	--	--	--
TR-18-3.0	4/5/00	3	ND	26	9.4	21	26
TR-18-5.0	4/5/00	5	--	--	--	--	--
TR-18-8.0	4/5/00	8	--	--	--	--	--
TR-18-10.0	4/5/00	10	ND	37	6.4	83	48
TR-18-15.0	4/5/00	15	--	--	--	--	--

Notes:
TPHH = EPA Method SM5520 - Total Recoverable Petroleum Hydrocarbons
TPH-g = EPA Method 8015M - Total Petroleum Hydrocarbons as gasoline
TPH-d = EPA Method 8015M - Total Petroleum Hydrocarbons as diesel
TPH-mo = EPA Method 8015 - Total Petroleum Hydrocarbons as motor oil.
mg/kg = milligrams per kilogram (parts per million)
ND = Not Detected Above Laboratory Reporting Limits
BOLD indicates detected at or above the laboratory reporting limit
-- = Not Analyzed or Not Applicable

Table 1
Chemical Compounds in Soil Samples
Emeryville Industrial Court
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	TPH-D mg/kg	TPH-MO mg/kg	TPH-G mg/kg	Aroclor-1260 ug/kg	Other PCBs ug/kg	Lead mg/kg
TR-19-2.5'	1/20/05	97 H Y	910	< 1.0	NA	NA	NA
TR-19-6.0'	1/20/05	< 1.0	< 5.0	< 1.1	NA	NA	NA
TR-20-2.0'	1/20/05	65 L Y	26 H	15	NA	NA	NA
TR-20-6.0'	1/20/05	320 L	22 L	500 Y	NA	NA	NA
TR-21-2.0'	1/20/05	1.7 H Y	< 5.0	< 1.0	NA	NA	NA
TR-21-6.0'	1/20/05	69 H L	42 L	19	NA	NA	NA
TR-22-2.0'	1/20/05	5.5 H Y	32	< 1.0	NA	NA	NA
TR-22-6.0'	1/20/05	8.5 H Y	10 H L	1.7 L Y	NA	NA	NA
TR-25-2.0'	1/20/05	11 H Y	62	< 1.1	11	ND	14
TR-25-6.0'	1/20/05	44 H L Y	16	2,100 Y	NA	NA	NA
TR-28-2.0'	1/20/05	4.3 H Y	54	< 0.93	< 9.6	ND	5.6
TR-28-6.0'	1/20/05	140 H L Y	280	160 Y	NA	NA	NA
TR-29-2.0'	1/20/05	160 H Y	1,600	< 1.0	NA	NA	9.2
TR-29-6.0'	1/20/05	2.8 H Y	6.6 L	< 1.1	NA	NA	NA
TR-30-2.0'	1/20/05	65 H Y	510	< 1.1	NA	NA	11
TR-30-6.0'	1/20/05	63 L	< 5.0	2.8 H Y	NA	NA	NA
TR-31-2.5'	1/20/05	1,100 H L Y	2,700	< 1.0	NA	NA	NA
TR-31-6.0'	1/20/05	3.1 H L Y	< 5.0	< 1.1	NA	NA	NA

Results presented in units indicated at top of table, mg/kg = milligrams per kilogram (parts per million), ug/kg = micrograms per kilogram (parts per billion)
TPH-G = Total Petroleum Hydrocarbons quantified as gasoline
TPH-D = Total Petroleum Hydrcarbons quantified as diesel fuel
TPH-MO = Total Petroleum Hydrocarbons quantified as motor oil
PCBs = Polychlorinated Biphenyls
ND = Not detected at or greater than laboratory detection limit which varies, see laboratory report
< 1 = indicates not detected at the indicated laboratory detection limit
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard
H = Laboratory flag indicating heavier hydrocarbons contributred to quantitation
L = Laboratory flag indicating lighter hydrocarbons contributred to quantitation
NA = not analyzed

Table 3
SOIL ANALYTICAL RESULTS
Volatile Organic Compounds in Soil
5885 Hollis Street
Emeryville, California

ID DATE TBA MTBE DIPE ETBE TAME Ethanol Benzene Tol. E.B. Total Xylenes EDB EDC Methylene chloride Other VOCs

Sample ID	Sample Date	Fuel Oxygenates						BTEX				Lead Scavengers			
		TBA	MTBE	DIPE	ETBE	TAME	Ethanol	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC	Methylene Chloride	Other VOCs
TR-39	5/4/2006	<98	<4.9	<4.9	<4.9	<4.9	<980	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	**180**	All ND
TR-40	5/4/2006	<96	<4.8	<4.8	<4.8	<4.8	<960	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	**220**	All ND
TR-41	5/4/2006	<94	<4.7	<4.7	<4.7	<4.7	<940	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	**170**	All ND
TR-42	5/4/2006	<100	<5.0	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
TR-43	5/4/2006	<91	<4.5	<4.5	<4.5	<4.5	<910	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	--	--
TR-44	5/10/2006	<94	<4.7	<4.7	<4.7	<4.7	<940	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	**94**	All ND
TR-45	5/10/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-46	5/12/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-46A	5/10/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-47	5/12/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-48	5/12/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-49	5/4/2006	<96	<4.8	<4.8	<4.8	<4.8	960	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	--	--
TR-50	5/4/2006	<96	<4.8	<4.8	<4.8	<4.8	<960	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	--	--
TR-51	5/4/2006	**400**	<5.0	<5.0	<5.0	<5.0	<1,000	**8.2**	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
TR-52	5/4/2006	<100	<5.0	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	**7.6**	**7.1**	<5.0	<5.0	--	--
TR-53	5/4/2006	<89	<4.5	<4.5	<4.5	<4.5	<890	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	--	--
TR-54	5/4/2006	<93	<4.6	<4.6	<4.6	<4.6	<930	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	--	--
TR-55	5/4/2006	<98	<4.9	<4.9	<4.9	<4.9	<980	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	--	--
TR-56	5/4/2006	<93	<4.6	<4.6	<4.6	<4.6	<930	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	--	--
ESLs		110,000	5,600	NE	NE	NE	45,000	510	9,300	32,000	11,000	20	70	1,500	NE

Notes
All soil samples were collected from the completed grade, approximately 15 feet below sidewalk grade.
All results reported in micrograms per kilogram (µg/kg). Results shown in **bold** are detected concentrations
Volatile organic compounds (VOCs) analyzed by EPA Method 8260B.
Fuel oxygenates include tert-Butyl Alcohol (TBA), Methyl tert-Butyl ether (MTBE), Isopropyl Ether (DIPE), Ethyl tert-Butyl Ether (ETBE), and Methyl tert-Amyl Ether (TAME)
Lead scavengers include 1,2 dibromoethane (EDB) and 1,2 dichloroethane (EDC)
Other VOCs = Other volatile organic compounds described in the laboratory analytical report
-- = Not Analyzed
NE = Not Established
<5.0 = Compound not detected above laboratory reporting limit.
ND = Not detected above laboratory detection limits. Detection limits vary for each constituent.
ESLs = Environmental Screening Levels, California Regional Water Quality Control Board, San Francisco Bay Region, February 2005. ESL criteria based on deep soil (> 3 meters below ground surface) where water is not a current or potential source of drinking water for commercial land-use (Table D)

Table 1
Organics in Soil Remaining On-Site
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	Sample Depth	TPHd mg/kg	TPHmo mg/kg	TPHg mg/kg	TRPH mg/kg	VOCs by 8010 mg/kg	Benzene mg/kg	Acetone mg/kg	2-Butanone mg/kg	Isopropyl benzene mg/kg	Propyl benzene mg/kg	Ethyl benzene mg/kg	Total Xylenes mg/kg	1,3,5-Trimethy lbenzene mg/kg	1,2,4-Trimethyl benzene mg/kg	sec-Butyl benzene mg/kg	para-Isopropyl toluene mg/kg	n-Butyl benzene mg/kg	Naphthalene mg/kg	Methylene Chloride 8260 mg/kg	Other VOCs by 8260 mg/kg	Benzo(a) pyrene by EPA 8270 mg/kg	Other SVOCs by 8270 mg/kg	Aroclor -1260 mg/kg	Other PCBs mg/kg
TR-1	4/6/2000	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2	4/6/2000	15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5	4/5/2000	15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-6	4/5/2000	15	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.330	--	--	--	--	--	--
TR-7	4/5/2000	15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-8	4/5/2000	15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-9	4/5/2000	15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-10	4/6/2000	15	ND	180	ND	330	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-11	4/5/2000	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-12	4/5/2000	15	ND	ND	19	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-13	4/6/2000	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5	ND	ND	ND	30	ND	--	--	--	--	--	--	--	--	--	--	--	--	< 0.330	--	--	0.55	ND	--	--
		8	ND	39	ND	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10	ND	ND	ND	ND	--	< 0.005	< 0.01	< 0.02	< 0.05	< 0.05	< 0.05	ND	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ND	ND	--	--	--	--
		15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-14	4/6/2000	3	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5	ND	ND	ND	ND	--	< 0.005	< 0.01	< 0.02	< 0.05	< 0.05	< 0.05	ND	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ND	ND	0.57	ND	--	--
		8	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10	2.3	ND	1.2	ND	--	< 0.005	< 0.01	< 0.02	< 0.05	< 0.05	< 0.05	ND	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	ND	ND	--	--	--	--
		15	4.0	ND	1.4	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.330	--	--	0.54	ND	--	--
TR-15	4/6/2000	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10	1.3	ND	1.0	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.330	--	--	0.59	ND	--	--
		15	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-16	4/6/2000	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		5	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		10	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.330	--	--	0.6	ND	--	--
TR-22	1/20/05	2	5.5 H Y	32	< 1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		6	8.5 H Y	10 H L	1.7 L Y	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-25	1/20/05	2	11 H Y	62	< 1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.011	ND
		6	44 H L Y	16	**2,100 Y**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-28	1/20/05	2	4.3 H Y	54	< 0.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.0096	ND
		6	140 H L Y	280	160 Y	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-33	8/11/05	15	< 1.0	< 5.0	< 0.92	--	--	< 0.0046	--	--	--	--	< 0.0046	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-34	8/11/05	15	< 0.99	< 5.0	< 1.0	--	--	< 0.0053	--	--	--	--	< 0.0053	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-35	8/11/05	15	2.4 H Y	17	1.7 Z	--	--	< 0.0051	--	--	--	--	0.076	0.65	--	--	--	--	--	--	--	--	--	--	--	--
TR-36	8/11/05	15	< 1.0	< 5.0	< 1.1	--	--	< 0.0053	--	--	--	--	< 0.0053	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-37	8/11/05	15	9.1 H Y	46	< 0.92	--	--	< 0.0046	--	--	--	--	< 0.0046	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-38	8/11/05	15	< 0.99	< 5.0	< 1.0	--	--	< 0.005	--	--	--	--	< 0.005	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-39	5/4/06	15	--	--	<1.0	--	--	<0.0049	ND	ND	ND	ND	<0.0049	<0.0049	ND	ND	ND	ND	ND	ND	0.180 a	ND	--	--	--	--
TR-40	5/4/06	15	--	--	<0.96	--	--	<0.0048	ND	ND	ND	ND	<0.0048	<0.0048	ND	ND	ND	ND	ND	ND	0.220 a	ND	--	--	--	--
TR-41	5/4/06	15	--	--	<1.0	--	--	<0.0047	ND	ND	ND	ND	<0.0047	<0.0047	ND	ND	ND	ND	ND	ND	0.170 a	ND	--	--	--	--
TR-42	5/4/06	15	--	--	<1.1	--	--	<0.0050	ND	ND	ND	ND	<0.0050	<0.005	--	--	--	--	--	--	--	--	--	--	--	--
TR-43	5/4/06	15	--	--	<0.98	--	--	<0.0045	ND	ND	ND	ND	<0.0045	<0.0045	--	--	--	--	--	--	--	--	--	--	--	--
TR-44	5/10/06	15	--	--	<0.99	--	--	<0.0047	ND	ND	ND	ND	<0.0047	ND	ND	ND	ND	ND	ND	ND	0.094 a	ND	--	--	--	--
TR-45	5/10/06	15	<1.0	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-46	5/12/06	15	<1.0	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-46A	5/10/06	15	<1.0	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-47	5/12/06	15	<0.99	<5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-48	5/12/06	15	7.9 H Y	33 L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-49	5/4/06	15	<1.0	<5.0	<0.97	--	--	<0.0048	ND	ND	ND	ND	<0.0048	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-50	5/4/06	15	2.0 H Y	6.0	<0.93	--	--	<0.0048	ND	ND	ND	ND	<0.0048	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-51	5/4/06	15	<0.99	<5.0	<1.1	--	--	0.0082	ND	ND	ND	ND	<0.0050	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-52	5/4/06	15	1.9 H Y	<5.0	10 H Y	--	--	<0.005	ND	ND	ND	ND	0.0076	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-53	5/4/06	15	<1.0	<5.0	<0.99	--	--	<0.0045	ND	ND	ND	ND	<0.0045	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-54	5/4/06	15	2.0 H Y	5.8	<1.1	--	--	<0.0046	ND	ND	ND	ND	<0.0046	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-55	5/4/06	15	<1.0	<5.0	<1.1	--	--	<0.0049	ND	ND	ND	ND	<0.0049	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-56	5/4/06	15	1.4 H Y	<5.0	<0.94	--	--	<0.0046	ND	ND	ND	ND	<0.0046	--	--	--	--	--	--	--	--	--	--	--	--	--
ESL-C NDW (Table B-2)			180	2,500	180	--	--	0.27	0.5	NE	NE	NE	4.7	11	NE	NE	NE	NE	NE	2.8	17	--	0.13	--	NE	--

Notes:
mg/kg = milligrams per kilogram
-- = not analyzed
< 1 = indicates not detected at the indicated laboratory detection limit
ND = Not detected at or greater than laboratory detection limit which varies, see laboratory repor
NE = Not established
C = Presence confirmed, but RPD (Relative Percent Difference) between columns exceeds 40%

Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard
H = Laboratory flag indicating heavier hydrocarbons contributed to quantitation
a = Detected concentration of methylene chloride due to laboratory contaminator
L = Laboratory flag indicating lighter hydrocarbons contributed to quantitation
Z = Sample exhibits unknown single peak or peaks

TPHd = Total Petroleum Hydrcarbons quantified as diesel fuel
TPHg = Total Petroleum Hydrocarbons quantified as gasoline
TPHmo = Total Petroleum Hydrocarbons quantified as motor oi
PCBs = Polychlorinated Biphenyls
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
Table B-2: Shallow soils (less than 10 feet bgs) where groundwater is NOT a current or potential source of drinking water
ESL = Environmental Screening Levels established by the SFBRWQCB

Table 2
Soil Analytical Results from April 2010 Investigation
5885 Hollis Street
Emeryville, California

Sample Location	Sample Date	Sample Depth feet bgs	TPHd mg/kg	TPHmo mg/kg	TPHg mg/kg	Benzene mg/kg	Ethylbenzene mg/kg	Total Xylenes mg/kg	Isopropyl-benzene mg/kg	Propyl-benzene mg/kg	1,3,5-Trimethyl-benzene mg/kg	1,2,4-Trimethyl-benzene mg/kg	sec-Butyl-benzene mg/kg	para-isopropyl toluene mg/kg	n-butylbenzene mg/kg	Naphthalene (8260) mg/kg	Acetone mg/kg	2-Butanone mg/kg	1,2-Dichloro-ethane mg/kg	Other VOCs mg/kg	Benzo(a) pyrene mg/kg	Napthalene (8270) mg/kg	Phenanthrene mg/kg	Other SVOCs
HA-1	4/5/2010	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.067	<0.067	<0.067	ND
HA-2	4/5/2010	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.066	<0.066	<0.066	ND
HA-3	4/5/2010	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.066	<0.066	<0.066	ND
HA-4	4/5/2010	2.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.066	<0.066	<0.066	ND
TRCPT-1	4/5/2010	5.0	--	--	--	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.019	<0.0095	<0.0048	ND	<0.0049	<0.0049	<0.0049	ND
		9.5	--	--	--	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0093	<0.0047	ND	<0.005	<0.005	<0.005	ND
		18.0	--	--	--	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.019	<0.0093	<0.0046	ND	<0.005	<0.005	<0.005	ND
TRCPT-2	4/5/2010	5.0	--	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.010	<0.005	ND	<0.0049	<0.0049	<0.0049	ND
		9.5	--	--	--	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.019	<0.0097	<0.0049	ND	<0.005	<0.005	<0.005	ND
		18.0	--	--	--	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.019	<0.0097	<0.0048	ND	<0.0049	<0.0049	<0.0049	ND
TRCPT-3	4/2/2010	5.0	--	--	--	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0094	<0.0047	ND	<0.005	<0.005	<0.005	ND
		9.5	--	--	--	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.018	<0.0092	<0.0046	ND	<0.0049	<0.0049	<0.0049	ND
		18.0	--	--	--	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0094	<0.0047	ND	<0.0049	<0.0049	<0.0049	ND
TRCPT-4	4/2/2010	5.0	--	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.010	<0.005	ND	<0.0049	<0.0049	<0.0049	ND
		10.0	--	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.020	<0.0099	<0.005	ND	<0.005	<0.005	<0.005	ND
		18.0	--	--	--	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.019	<0.0097	<0.0049	ND	<0.005	<0.005	<0.005	ND
TRCPT-5	4/2/2010	5.0	67	6.3	**680Y**	<0.5	4	<0.5	1.3	4.8	1.1	<0.5	1	<0.5	4.6	**4.9**	<2	<1	<0.5	ND	--	--	--	--
		16.0	<0.99	<5.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.020	<0.0098	<0.0049	ND	--	--	--	--
TRCPT-6	4/2/2010	7.0	<1.0	<5.0	<0.99	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.020	<0.0098	<0.0049	ND	--	--	--	--
		19.0	<0.99	<5.0	<1.0	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.020	<0.0098	<0.0049	ND	--	--	--	--
TRCPT-7	4/1/2010	6.0	**220**	80	**690Y**	<0.25	<0.25	<0.25	0.39	0.89	0.34	<0.25	0.52	0.64	1.2	<0.25	<1	<0.5	<0.25	ND	--	--	--	--
		16.0	<0.99	<5.0	<0.96	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.019	<0.096	<0.0048	ND	--	--	--	--
TRCPT-8	4/1/2010	10.0	<1.0	<5.0	<0.95	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0094	<0.0047	ND	--	--	--	--
		19.0	<1.0	<5.0	<0.98	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0093	<0.0047	ND	--	--	--	--
TRCPT-9	3/31/2010	10.0	2.5	<5.0	5.5	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	<0.0048	0.28	0.062	<0.0048	ND	--	--	--	--
		22.0	<1.0	<5.0	<0.93	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.019	<0.0094	<0.0047	ND	--	--	--	--
ESL-C NDW (Table B-2)			180	2,500	180	0.27	4.7	11	NE	NE	NE	NE	NE	NE	NE	2.8	0.5	NE	0.48	--	0.13	2.8	11	--

Notes:
Results presented in units indicated at top of table.
mg/kg = milligrams per kilogram (parts per million)
TPHd = Total Petroleum Hydrcarbons quantified as diesel fue
TPHmo = Total Petroleum Hydrocarbons quantified as motor oi
TPHg = Total Petroleum Hydrocarbons quantified as gasoline
VOCs = Volatile Organic Compounds (see laboratory data sheets for complete list of VOCs analyzed
SVOCs = Semivolatile Organic Comounds (see laboratory data sheets for complete list of SVOCs analyzed
< 1 = indicates not detected at the indicated laboratory detection limit
ND = Not detected at or greater than the laboratory detection limit which varies, see laboratory repor
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standarc
-- = not analyzed
TPHg and VOCs analyzed by EPA Method 8260
TPHmo and TPHd analyzed by EPA Method 8015
SVOCs analyzed by EPA Method 8270

ESL = Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater by the San Francisco Bay Regional Water Quality Control Board (2007, revised May 2008).
ESL-C NDW (Table B-2): Shallow soils (less than 10 feet bgs) where groundwater is NOT a current or potential source of drinking water for commercial/industrial land use (SF-RWQCB, May 2008
Concentrations in **bold** exceed the ESL
NE= Not established

TABLE 1
SUMMARY OF PREVOIUS SOIL SAMPLE DATA - ORGANICS
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	Sample Depth	TPHd mg/kg	TPHmo mg/kg	TPHg mg/kg	TRPH mg/kg	VOCs by 8010 ug/kg	Benzene ug/kg	Toluene ug/kg	Acetone ug/kg	2-Butanone ug/kg	Isopropyl benzene ug/kg	Propyl benzene ug/kg	Ethyl benzene ug/kg	m,p-Xylenes ug/kg	o-Xylenes ug/kg	1,3,5-Trimethylbenzene ug/kg	1,2,4-Trimethyl benzene ug/kg	sec-Butyl benzene ug/kg	para-Isopropyl toluene ug/kg	n-Butyl benzene ug/kg	Naphthalene ug/kg	Carbon Disulfide by 8260 ug/kg	Other VOCs by 8260 ug/kg	Benzo(a) pyrene by EPA 8270 ug/kg	Other SVOCs by 8270 ug/kg	Aroclor-1260 ug/kg	Other PCBs ug/kg
TR-1-4.0	4/6/2000	4	ND	6,600	110	9,900	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 6600	--	--	< 6600	ND	--	--
TR-1-7.0	4/6/2000	7	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-1-9.0	4/6/2000	9	ND	ND	ND	ND	ND	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-1-12.0	4/6/2000	12	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-1-15.0	4/6/2000	15	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2-3.0	4/6/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2-5.0	4/6/2000	5	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2-7.0	4/6/2000	7	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2-10.0	4/6/2000	10	ND	46	ND	36	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-2-15.0	4/6/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-4-3.0	4/5/2000	3	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	< 330	ND	--	--
TR-4-5.0	4/5/2000	5	360	ND	99	420	< 500	< 10000		< 2000	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 500	ND	--	--	--	--
TR-4-8.0	4/5/2000	7	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-4-11.0	4/5/2000	10	30	35	9.4	86	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-3.0	4/5/2000	3	ND	93	ND	140	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-4.0	4/5/2000	4	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-6.0	4/5/2000	6	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-8.0	4/5/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-10.0	4/5/2000	10	ND	15	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-5-15.0	4/5/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-6-3.0	4/5/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-6-5.0	4/5/2000	5	ND	250	ND	300	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	< 3300	--	--	< 3300	ND	--	--
TR-6-8.0	4/5/2000	8	ND	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-6-10.0	4/5/2000	10	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-6-15.0	4/5/2000	15	--		--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	--	--	--	--
TR-7-3.0	4/5/2000	3	ND	ND	ND	ND	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 330	ND	--	--
TR-7-5.0	4/5/2000	5	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-7-8.0	4/5/2000	8	ND	ND	1.0	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-7-10.0	4/5/2000	10	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-7-15.0	4/5/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-8-3.0	4/5/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-8-5.0	4/5/2000	5	6.8	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-8-8.0	4/5/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-8-10.0	4/5/2000	10	7.8	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-8-15.0	4/5/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-9-3.0	4/5/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-9-5.0	4/5/2000	5	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-9-8.0	4/5/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-9-10.0	4/5/2000	10	ND	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-9-15.0	4/5/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-10-3.0	4/6/2000	3	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-10-5.0	4/6/2000	5	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-10-8.0	4/6/2000	8	ND	ND	ND	ND	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	< 330	ND	--	--
TR-10-10.0	4/6/2000	10	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-10-15.0	4/6/2000	15	ND	180	ND	330	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-11-3.0	4/5/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-11-5.0	4/5/2000	5	21	17	1.7	ND	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	< 330	ND	--	--
TR-11-8.0	4/5/2000	8	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-11-10.0	4/5/2000	10	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-11-15.0	4/5/2000	15	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-12-3.0	4/5/2000	3	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-12-5.0	4/5/2000	5	2.9	ND	27	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	< 330	ND	--	--
TR-12-8.0	4/5/2000	8	ND	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-12-10.0	4/5/2000	10	30	ND	160	100	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-12-15.0	4/5/2000	15	ND	ND	19	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-13-3.0	4/6/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-13-5.0	4/6/2000	5	ND	ND	ND	30	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	550	ND	--	--
TR-13-8.0	4/6/2000	8	ND	39	ND	52	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-13-10.0	4/6/2000	10	ND	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-13-15.0	4/6/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-14-3.0	4/6/2000	3	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-14-5.0	4/6/2000	5	ND	ND	ND	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	570	ND	--	--
TR-14-8.0	4/6/2000	8	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-14-10.0	4/6/2000	10	2.3	ND	1.2	ND	--	< 5		< 100	< 20	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	ND	--	--	--	--
TR-14-15.0	4/6/2000	15	4.0	ND	1.4	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	540	ND	--	--
TR-15-3.0	4/6/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-15-5.0	4/6/2000	5	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-15-8.0	4/6/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-15-10.0	4/6/2000	10	1.3	ND	1.0	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	590	ND	--	--
TR-15-15.0	4/6/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-16-3.0	4/6/2000	3	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-16-5.0	4/6/2000	5	ND	ND	ND	ND	ND	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-16-8.0	4/6/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-16-10.0	4/6/2000	10	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	600	ND	--	--
TR-16-15.0	4/6/2000	15	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-17-3.0	4/6/2000	3	ND	ND	ND	37	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-17-5.0	4/6/2000	5	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-17-8.0	4/6/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-17-10.0	4/6/2000	10	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-17-15.0	4/6/2000	15	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-18-3.0	4/5/2000	3	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-18-5.0	4/5/2000	5	ND	ND	ND	ND	--	--		--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	--	< 330	ND	--	--

TABLE 1
SUMMARY OF PREVOIUS SOIL SAMPLE DATA - ORGANICS
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	Sample Depth	TPHd mg/kg	TPHmo mg/kg	TPHg mg/kg	TRPH mg/kg	VOCs by 8010 ug/kg	Benzene ug/kg	Toluene ug/kg	Acetone ug/kg	2-Butanone ug/kg	Isopropyl benzene ug/kg	Propyl benzene ug/kg	Ethyl benzene ug/kg	m,p-Xylenes ug/kg	o-Xylenes ug/kg	1,3,5-Trimethy lbenzene ug/kg	1,2,4-Trimethyl benzene ug/kg	sec-Butyl benzene ug/kg	para-Isopropyl toluene ug/kg	n-Butyl benzene ug/kg	Naphthalene ug/kg	Carbon Disulfide by 8260 ug/kg	Other VOCs by 8260 ug/kg	Benzo(a) pyrene by EPA 8270 ug/kg	Other SVOCs by 8270 ug/kg	Aroclor-1260 ug/kg	Other PCBs ug/kg
TR-18-8.0	4/5/2000	8	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-18-10.0	4/5/2000	10	ND	ND	ND	ND	ND	< 5		< 100	< 20	<5	<5	< 5	< 5	< 5	<5	< 5	<5	<5	<5	<5	<5	ND	--	--	--	--
TR-18-15.0	4/5/2000	15	--	--	--	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-19-2.5'	1/20/05	2.5	97 H Y	910	< 1.0	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-19-6.0'	1/20/05	6.0	< 1.0	< 5.0	< 1.1	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-20-2.0'	1/20/05	2.0	65 L Y	26 H	15	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-20-6.0'	1/20/05	6.0	320 L	22 L	500 Y	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-21-2.0'	1/20/05	2.0	1.7 H Y	< 5.0	< 1.0	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-21-6.0'	1/20/05	6.0	69 H L	42 L	19	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-22-2.0'	1/20/05	2.0	5.5 H Y	32	< 1.0	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-22-6.0'	1/20/05	6.0	8.5 H Y	10 H L	1.7 L Y	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-23-4.0'	6/20/05	4.0	250 H, Y	--	2.3 Y	--	--	97		42	14	8.3	13	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5.0	ND	--	--	--	--
TR-23-9.0'	6/20/05	9.0	61 L Y	--	390 Y	--	--	200		36	23	180	480	600	190	22	69	250	42	57	290	310	< 4.7	ND	--	--	--	--
TR-24-4.0'	6/15/05	4.0	46.0	--	< 1.1	--	--	< 5		35	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	<4.6	ND	--	--	--	--
TR-25-2.0'	1/20/05	2.0	11 H Y	62	< 1.1	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11	ND
TR-25-6.0'	1/20/05	6.0	44 H L Y	16	2,100 Y	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-26-4.0	6/15/05	4.0	2100 H L Y	--	140	--	--	< 23		< 91	< 45	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	ND	--	--	--	--
TR-27-2.0	6/15/05	2.0	61 H Y	--	< 1.0	--	--	< 5		21	< 10	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 4.5	ND	--	--	--	--
TR-28-2.0'	1/20/05	2.0	4.3 H Y	54	< 0.93	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 9.6	ND
TR-28-6.0'	1/20/05	6.0	140 H L Y	280	160 Y	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-29-2.0'	1/20/05	2.0	160 H Y	1,600	< 1.0	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-29-6.0'	1/20/05	6.0	2.8 H Y	6.6 L	< 1.1	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-30-2.0'	1/20/05	2.0	65 H Y	510	< 1.1	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-30-6.0'	1/20/05	6.0	63 L	< 5.0	2.8 H Y	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-31-2.5'	1/20/05	2.5	1,100 H L Y	2,700	< 1.0	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-31-6.0'	1/20/05	6.0	3.1 H L Y	< 5.0	< 1.1	--	--	--		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-33-4.0	8/11/05	4.0	1,600 H Y	2,200 L	< 0.91	--	--	< 4.5	< 4.5	--	--	--	--	< 4.5	< 4.5	< 4.5	--	--	--	--	--	--	--	--	--	--	--	--
TR-33-9.0	8/11/05	9.0	< 0.99	< 5.0	< 1.1	--	--	< 5.3	< 5.3	--	--	--	--	< 5.3	< 5.3	< 5.3	--	--	--	--	--	--	--	--	--	--	--	--
TR-33-15.0	8/11/05	15.0	< 1.0	< 5.0	< 0.92	--	--	< 4.6	< 4.6	--	--	--	--	< 4.6	< 4.6	< 4.6	--	--	--	--	--	--	--	--	--	--	--	--
TR-34-4.0	8/11/05	4.0	< 1.0	< 5.0	< 1.1	--	--	< 5.4	< 5.4	--	--	--	--	< 5.4	< 5.4	< 5.4	--	--	--	--	--	--	--	--	--	--	--	--
TR-34-9.0	8/11/05	9.0	1.9 H Y	27	< 1.0	--	--	< 5.0	< 5.0	--	--	--	--	< 5.0	< 5.0	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--
TR-34-15.0	8/11/05	15.0	< 0.99	< 5.0	< 1.0	--	--	< 5.3	< 5.3	--	--	--	--	< 5.3	< 5.3	< 5.3	--	--	--	--	--	--	--	--	--	--	--	--
TR-35-4.0	8/11/05	4.0	2,100 H	2,000 L	< 1.1	--	--	< 5.6	< 5.6	--	--	--	--	< 5.6	< 5.6	< 5.6	--	--	--	--	--	--	--	--	--	--	--	--
TR-35-9.0	8/11/05	9.0	< 1.0	< 5.0	< 1.0	--	--	< 5.0	< 5.0	--	--	--	--	< 5.0	< 5.0	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--
TR-35-15.0	8/11/05	15.0	2.4 H Y	17	1.7 Z	--	--	< 5.1	< 5.1	--	--	--	--	76	490	160	--	--	--	--	--	--	--	--	--	--	--	--
TR-36-4.0	8/11/05	4.0	1,700 H Y	3,000 L	< 0.97	--	--	< 4.9	< 4.9	--	--	--	--	< 4.9	< 4.9	< 4.9	--	--	--	--	--	--	--	--	--	--	--	--
TR-36-10.0	8/11/05	10.0	< 0.99	< 5.0	< 1.0	--	--	< 5.0	< 5.0	--	--	--	--	< 5.0	< 5.0	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--
TR-36-15.0	8/11/05	15.0	< 1.0	< 5.0	< 1.1	--	--	< 5.3	< 5.3	--	--	--	--	< 5.3	< 5.3	< 5.3	--	--	--	--	--	--	--	--	--	--	--	--
TR-37-4.0	8/11/05	4.0	55 H Y	190	< 0.92	--	--	< 4.6	< 4.6	--	--	--	--	< 4.6	< 4.6	< 4.6	--	--	--	--	--	--	--	--	--	--	--	--
TR-37-10.0	8/11/05	10.0	1.0 H Y	< 5.0	< 0.99	--	--	< 5.0	< 5.0	--	--	--	--	< 5.0	< 5.0	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--
TR-37-15.0	8/11/05	15.0	9.1 H Y	46	< 0.92	--	--	< 4.6	< 4.6	--	--	--	--	< 4.6	< 4.6	< 4.6	--	--	--	--	--	--	--	--	--	--	--	--
TR-38-4.0	8/11/05	4.0	460 H L Y	1,900	1.9 H Y	--	--	< 4.6	< 4.6	--	--	--	--	< 4.6	< 4.6	< 4.6	--	--	--	--	--	--	--	--	--	--	--	--
TR-38-10.0	8/11/05	10.0	< 1.0	< 5.0	16 H Y	--	--	< 5.4	< 5.4	--	--	--	--	8.1 C	< 5.4	12 C	--	--	--	--	--	--	--	--	--	--	--	--
TR-38-15.0	8/11/05	15.0	< 0.99	< 5.0	< 1.0	--	--	< 5.0	< 5.0	--	--	--	--	< 5.0	< 5.0	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--
Representative concentration			2100	6600	2100	9900	ND	200		42	23	180	240	600	190	22	69	250	42	57	290	310	0	35	600	ND	11	ND
TTLC			NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17000	17000
STLC (TCLP) (ug/L)			NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1700	1700
ESL (Table K-1/E-1b) Residential			400	1000	400	1000	NA	180		1400000	490000	NA	NA	390000	310000	310000	NA	NA	NA	NA	NA	NA	NA	NA	NA	38	NA	220	NA
ESL (Table K-2/E-1b) Commercial			750	4600	450	4600	NA	510		3300000	1300000	NA	NA	390000	420000	420000	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	740	NA
Representative Concentration vs. Residential ESL			Exceeds ESL	Exceeds ESL	Exceeds ESL	Exceeds ESL	ND	Exceeds ESL		Less than ESL	Less than ESL	NA	NA	Less than ESL	Less than ESL	Less than ESL	NA	NA	NA	NA	NA	Less than ESL	Less than ESL	NA	Exceeds ESL	ND	Less than ESL	ND
Representative Concentration vs. Commercial ESL			Exceeds ESL	Exceeds ESL	Exceeds ESL	Exceeds ESL	ND	Less than ESL		Less than ESL	Less than ESL	NA	NA	Less than ESL	Less than ESL	Less than ESL	NA	NA	NA	NA	NA	Less than ESL	Less than ESL	NA	Exceeds ESL	ND	Less than ESL	ND

Notes
-- = not analyzed
< 1 = indicates not detected at the indicated laboratory detection limit
ESL = Environmental Screening Levels established by the SFBRWQCB
C = Presence confirmed, but RPD (Relative Percent Difference) between columns exceeds 40%
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard
H = Laboratory flag indicating heavier hydrocarbons contributed to quantitation
L = Laboratory flag indicating lighter hydrocarbons contributed to quantitation
Z = Sample exhibits unknown single peak or peaks
mg/kg = milligrams per kilogram
NA = Not available
ND = Not detected at or greater than laboratory detection limit which varies, see laboratory report

PCBs = Polychlorinated Biphenyls
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
STLC = Soluble Threshold Limit Concentration
Table K-1: ESL for Direct Exposure, Residential, 2005.
Table K-2: ESL for Direct Exposure, Commercial/Industrial, 2005.
TCLP = Toxic Characteristic Leaching Procedure
TPHd = Total Petroleum Hydrocarbons quantified as diesel fuel
TPHg = Total Petroleum Hydrocarbons quantified as gasoline
TPHmo = Total Petroleum Hydrocarbons quantified as motor oil
TTLC = Total Threshold Limit Concentration
ug/kg = micrograms per kilogram (parts per billion)
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard

Table 3
Summary of Historic Groundwater Analytical Data - Organics
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	TPHd µg/L	TPHmo µg/L	TPHg µg/L	Benzene µg/L	Toluene µg/L	Ethyl -benzene µg/L	Total xylenes µg/L	Isopropyl -benzene µg/L	Propyl -benzene µg/L	1,3,5-Trimethyl -benzene µg/L	1,2,4-Trimethyl -benzene µg/L	sec-Butyl -benzene µg/L	Naphthalene µg/L	Acetone µg/L	Other VOCs µg/L
TR-1	4/6/2000	130	ND	98	--	--	--	--	--	--	--	--	--	--	--	ND (8010)
TR-6	4/5/2000	ND	**1,400**	ND	< 5	< 5	< 5	<5	< 5	< 5	< 5	< 5	< 5	< 5	< 100	ND (8260)
TR-9	4/6/2000	ND	**420**	ND	--	--	--	--	--	--	--	--	--	--	--	--
TR-12	4/6/2000	**700**	ND	**3,300**	--	--	--	--	--	--	--	--	--	--	--	ND (8010)
TR-23 (GW)	6/20/2005	**8,400 L Y**	--	**28,000**	**4,300**	< 25	**990**	**300**	120	240	45	160	< 25	**380**	< 500	ND (8260)
TR-24 (GW)	6/15/2005	**6,800 L**	--	**91,000 Y**	**2,500**	31	**950**	**760**	210	110	290	43	70	**710**	35	ND
TR-25 (GW)	1/20/2005	--	--	**150,000 Y**	**2,500**	< 10	**3,600**	**1,720**	--	--	--	--	--	--	--	--
TR-29 (GW)	1/20/2005	**280 H Y**	**340 L**	< 50	< 0.5	0.61 C	< 0.5	0.6	--	--	--	--	--	--	--	--
TR-30 (GW)	1/20/2005	**640 H Y**	**960**	< 50	< 0.5	0.85 C	< 0.5	0.85	--	--	--	--	--	--	--	--
TR-31 (GW)	1/20/2005	**270 H Y**	**1,500**	< 50	< 0.5	0.56 C	< 0.5	0.57	--	--	--	--	--	--	--	ND
ESL (Summary Table D)		210	210	210	46	130	43	100	NE	NE	NE	NE	NE	24	1,500	--

Notes:
Results presented in units indicated at top of table.
ug/l = micrograms per liter (parts per billion)
TPHg = Total Petroleum Hydrocarbons quantified as gasoline
TPHd = Total Petroleum Hydrcarbons quantified as diesel fuel
TPHmo = Total Petroleum Hydrocarbons quantified as motor oil
VOCs = Volatile Organic Compounds (see laboratory data sheets for complete list of VOCs analyzed)
< 5 = indicates not detected at the Indicated laboratory detection limit
ND = Not detected at or greater than the laboratory detection limit which varies, see laboratory report
C = Presence confirmed, but RPD (Relative Percent Difference) between columns exceeds 40%
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard
H = Laboratory flag indicating heavier hydrocarbons contributed to quantitation
L = Laboratory flag indicating lighter hydrocarbons contributed to quantitation
Z = Sample exhibits unknown single peak or peaks
NA = not analyzed

ESL = Environmental Screening Levels established by the SFBRWQCB, 2005
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
Summary Table D: Deep Soil (>3m bgs), Groundwater is NOT a current or potential source of drinking water.

ATTACHMENT 4

Table 3
WATER SAMPLE ANALYTICAL RESULTS
Emeryville Industrial Court
Emeryville, California

Sample Number	Sample Date	TRPH (ug/L)	TPH-g (ug/L)	TPH-d (ug/L)	TPH-mo (ug/L)	8010 (ug/L)	8260 (ug/L)	Cadmium (mg/L)	Chromium (mg/L)	Lead (mg/L)	Nickel (mg/L)	Zinc (mg/L)
TR-1	4/6/00	--	98	130	ND	ND	--	ND	**0.042**	**0.032**	**0.4**	**0.65**
TR-6	4/5/00	6600	ND	ND	1400	ND	ND	--	--	--	--	--
TR-9	4/6/00	ND	ND	ND	420	--	--	--	--	--	--	--
TR-12	4/6/00	9900	3300	700	ND	ND	--	ND	**0.018**	ND	**0.34**	**0.16**

Notes:
TPHH = EPA Method SM5520 - Total Recoverable Petroleum Hydrocarbons
TPH-g = EPA Method 8015M - Total Petroleum Hydrocarbons as gasoline
TPH-d = EPA Method 8015M - Total Petroleum Hydrocarbons as diesel
TPH-mo = EPA Method 8015 - Total Petroleum Hydrocarbons as motor oil.
8010 = EPA Method 8010 - Purgeable Halocarbons
8260 = EPA Method 8260 - Gasoline Oxygenates
ug/L = micrograms per liter or parts per billion
mg/L = milligrams per liter or parts per million
-- = Not Analyzed or Not Applicable
BOLD Indicates detected at or above the laboratory reporting limit
ND = Not Detected Above Laboratory Reporting Limits

Table 5
GROUNDWATER ANALYTICAL RESULTS
Post Excavation Grab Groundwater Sample and Excavation Dewatering Samples
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	TPH			VOCs												
		Gasoline	Diesel Fuel	Motor Oil	TBA	MTBE	DIPE	ETBE	TAME	Ethanol	B	T	E	X	EDB	EDC	Other VOCs
DW-11	4/13/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	--	--	--
DW-11																	
DW-11	4/18/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	0.6	<0.5	<0.5	<0.5	<0.5	All ND
DW-11	4/26/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	9.8	<0.5	<0.5	<5.0	<5.0	--
DW-11	5/3/2006	<50	130 Y	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	2.3	<0.5	<0.5	<5.0	<5.0	--
DW-11	5/10/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	0.9	<0.5	<0.5	<5.0	<5.0	--
DW-11	5/17/2006	<50	100 Y	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	0.6	<0.5	<0.5	<5.0	<5.0	--
DW-11	5/23/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	6/1/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	6/8/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	6/16/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	6/22/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	6/30/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	7/5/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	7/12/2006	<50	78 Y	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	7/18/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-11	7/27/2006	<50	<50	<300	<10	<0.5	<0.5	<0.5	<0.5	<1,000	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	--
DW-14	4/13/2006	77 L Y	<50	<300	72	<0.5	<0.5	<0.5	<0.5	<1,000	10	0.8	<0.5	0.6	--	--	--
DW-14	4/18/2006	250	110Y	<300	72	<0.5	<0.5	<0.5	<0.5	<1,000	22	1.3	6.4	5.7	<0.5	19	Isopropyl Benzene = 1.9 Propyl Benzene = 1.7 1,3,5 Trimethylbenzene = 1.9 1,2,4 Trimethylbenzene = 0.8 para-Isopropyl Toluene = 1.3 n-Butylbenzene = 0.6 All Others ND
DW-14	4/26/2006	630	440 L	<300	76	<0.5	<0.5	<0.5	<0.5	<1,000	42	4.9	14	6.8	<5.0	16	--
DW-14	5/3/2006	620	370 L Y	<300	64	<0.5	<0.5	<0.5	<0.5	<1,000	39	1.8	21	10	<5.0	18	--
DW-14	5/10/2006	450	250 L Y	<300	83	<0.5	<0.5	<0.5	<0.5	<1,000	11	2.4	8.6	4.9	<5.0	15	--
DW-14	5/17/2006	450	340 Y	<300	44	<0.5	<0.5	<0.5	<0.5	<1,000	37	0.6	9.1	6.2	<5.0	16	--
DW-14	5/23/2006	390	110 L Y	<300	30	<0.5	<0.5	<0.5	<0.5	<1,000	28	<0.5	4.9	3.3	<5.0	15	--
DW-14	6/1/2006	1,800	360 L Y	<300	58	<0.5	<0.5	<0.5	<0.5	<1,000	55	1.2	41	28	<5.0	16	--
DW-14	6/8/2006	520	130 L Y	<300	40	<0.5	<0.5	<0.5	<0.5	<1,000	37	<0.5	6.0	4.7	<5.0	16	--
DW-14	6/16/2006	580	150 L Y	<300	34	<0.5	<0.5	<0.5	<0.5	<1,000	35	<0.5	6.4	5.4	<5.0	15	--
DW-14	6/22/2006	1,200	320 L Y	<300	47	<0.5	<0.5	<0.5	<0.5	<1,000	34	0.5	7.6	9.7	<5.0	14	--
DW-14	6/30/2006	970	270 L Y	<300	35	<0.5	<0.5	<0.5	<0.5	<1,000	30	<0.5	6.7	5.6	<5.0	15	--
DW-14	7/5/2006	950	230 L Y	<300	37	<0.5	<0.5	<0.5	<0.5	<1,000	38	<0.5	6.1	5.2	<5.0	16	--
DW-14	7/12/2006	850 Y	<50	<300	24	<0.5	<0.5	<0.5	<0.5	<1,000	26	<0.5	6.9	4.6	<5.0	14	--
DW-14	7/18/2006	980	220 L Y	<300	57	<0.5	<0.5	<0.5	<0.5	<1,000	39	<0.5	6.5	4.8	<5.0	14	--
DW-14	7/27/2006	670	170 L Y	<300	51	<0.5	<0.5	<0.5	<0.5	<1,000	38	0.5	3.2	5.3	<5.0	15	--
DW-24	4/13/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	4/18/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	4/26/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 5
GROUNDWATER ANALYTICAL RESULTS
Post Excavation Grab Groundwater Sample and Excavation Dewatering Samples
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	TPH			VOCs												
		Gasoline	Diesel Fuel	Motor Oil	TBA	MTBE	DIPE	ETBE	TAME	Ethanol	B	T	E	X	EDB	EDC	Other VOCs
DW-24	5/3/2006	--	**63 Y**	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	5/10/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	5/17/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	5/23/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	6/1/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	6/8/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	6/16/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	6/22/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	6/30/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	7/5/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	7/12/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	7/18/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
DW-24	7/27/2006	--	<50	<300	--	--	--	--	--	--	--	--	--	--	--	--	--
TR-GW	7/22/2008	**430**	**560 Y**	<300	<10	<0.5	<0.5	<0.5	<0.5	<0.5	**3.8**	<0.5	**3.5**	**0.6**	<5.0	**13**	Isopropyl Benzene = 2.5 Propyl Benzene = 3.3 sec-Butylbenzene = 1.0 para-Isopropyl Toluene = 0.9 n-Butylbenzene = 1.3 All Others ND
ESLs - Gross Contamination		5,000	2,500	2,500	50,000	1,800	NE	NE	NE	NE	20,000	400	300	5,300	50,000	50,000	Varies
ESLs - Vapor Intrusion		NE	NE	NE	NE	NE	NE	NE	NE	NE	1,800	530,000	170,000	160,000	510	690	Varies

Notes
All water results reported in micrograms per liter (µg/L). Detected concentrations shown in **bold**.
1. = Lighter hydrocarbons contributed to the quantitation
Y = Sample exhibits chromatographic pattern which does not resemble standard.
Total petroleum hydrocarbons analyzed by EPA Method 8015M. Volatile organic compounds (VOCs) analyzed by EPA Method 8260B.
Fuel oxygenates include tert-Butyl Alcohol (TBA), Methyl tert-Butyl ether (MTBE), Isopropyl Ether (DIPE), Ethyl tert-Butyl Ether (ETBE), and Methyl tert-Amyl Ether (TAME)
B = Benzene, T = Toluene, E = Ethylbenzene, X = Total Xylenes
Lead scavengers include 1,2 dibromoethane (EDB) and 1,2 dichloroethane (EDC)
Other VOCs = Other volatile organic compounds described in the laboratory analytical report
<0.5 = Compound not detected above laboratory reporting limit.
-- = Not Analyzed
NE = Not Established
ND = Not detected above laboratory detection limits. Detection limits vary for each constituent.

ESLs = Environmental Screening Levels, California Regional Water Quality Control Board, San Francisco Bay Region, November 2007 (revised May 2008). Based on criteria where water is not a current or potential source of drinking water (Table I-2 Groundwater Gross Contamination Ceiling Levels) and vapor intrusion concerns under commercial land use (Table E-1)

Shaded results indicate that results exceeded ESL criteria for their respective constituent.

Table 4
Groundwater Analytical Results from April 2010 Investigation
5885 Hollis Street
Emeryville, California

Sample ID	Sample Date	Sample Depth feet bgs	TPHd µg/L	TPHmo µg/L	TPHg µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Total Xylenes µg/L	m,p-Xylene µg/L	o-Xylene µg/L	Isopropyl-benzene µg/L	Propyl-benzene µg/L	1,3,5-Trimethyl-benzene µg/L	1,2,4-Trimethyl-benzene µg/L	sec-Butyl-benzene µg/L	para-isopropyl toluene µg/L	n-butyl-benzene µg/L	Naphthalene (8260) µg/L	Acetone µg/L	MtBE µg/L	2-Butanone µg/L	1,2-Dichloro-ethane µg/L	Other VOCs µg/L	Benzo(a) pyrene µg/L	Napthalene (8270) µg/L	Phenanthrene µg/L	Other SVOCs µg/L
TRCPT-1-GW	4/6/2010	20	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<10	<0.5	<10	<0.5	ND	--	--	--	--
TRCPT-2-GW	4/5/2010	20	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<10	<0.5	<10	<0.5	ND	<0.1	<0.1	<0.1	ND
TRCPT-3-GW	4/2/2010	20	--	--	--	<0.5	0.6	0.7	3.5	2.3	1.2	<0.5	<0.5	1.3	3.4	<0.5	<0.5	0.7	<2.0	21	<0.5	<10	<0.5	ND	<0.1	0.3	0.1	ND
TRCPT-4-GW	Boring left open for 6 hours. No measurable water.																											
TRCPT-5-GW	4/2/2010	20	210	<300	**2,500y**	**140**	0.7	**100**	11	10	1	23	56	4	6.6	6.8	3.8	23	**46**	42	<0.5	17	<0.5	ND				
TRCPT-6-GW	4/2/2010	11	240	1,700	**300y**	0.6	0.6	0.8	2.3	1.6	0.7	2.6	4.1	0.6	2	0.7	1	1.4	<2.0	34	0.8	11	<0.5	ND				
TRCPT-7-GW	4/1/2010	9	<500	<3,000	**460y**	<0.5	<0.5	0.6	0.5	0.5	<0.5	5.5	8.2	<0.5	<0.5	1.7	2.5	3.2	<2.0	<10	61	<10	11	ND				
TRCPT-8-GW	4/1/2010	20	<100	<600	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<10	<0.5	<10	<0.5	ND				
TRCPT-9-GW	4/1/2010	17	<100	<600	830y	24	<0.5	6.5	0.6	0.6	<0.5	8.3	5.9	1.7	0.6	1.4	2.1	2	<2.0	53	0.6	21	1.4	ND				
		50	<50	<300	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	<10	<0.5	<10	<0.5	ND				
		ESL - NDW (Summary Table D)	210	210	210	46	130	43	100	NE	NE	NE	NE	NE	NE	NE	NE	NE	24	1,500	1,800	NE	200	--		24	4.6	--

Notes:
Results presented in units indicated at top of table.
ug/l = micrograms per liter (parts per billion)
TPHd = Total Petroleum Hydrocarbons quantified as diesel fuel
TPHmo = Total Petroleum Hydrocarbons quantified as motor oil
TPHg = Total Petroleum Hydrocarbons quantified as gasoline
VOCs = Volatile Organic Compounds (see laboratory data sheets for complete list of VOCs analyzed)
<0.5 = indicates not detected at the indicated laboratory detection limit
ND = Not detected at or greater than the laboratory detection limit which varies, see laboratory report
Y = Laboratory flag indicating sample exhibits chromatographic pattern which does not resemble standard
-- = not analyzed
TPHg and VOC analyzed using EPA Method 8260
TPHd and TPHmo analyzed using EPA Method 8015
SVOCs analyzed using EPA Method 8270

ESL = Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater by the San Francisco Bay Regional Water Quality Control Board (2007, revised May 2008).

ESL-NDW (Summary Table D): Deep soils (> 3 meters bgs) where groundwater is NOT a current or potenbal source of drinking water for commercial/industrial land use (SF-RWQCB, May 2008)
Concentrations in **bold** exceed the ESL
NE = not established

ATTACHMENT 5

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	Log of Boring TR-1	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2	Logged by:	M. Rapoport
Date started:	4/5/00	Date finished:	4/5/00
Drilling method:	Direct push		
Hammer weight/drop:	--	Hammer type:	Continuous core
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
1						Asphalt and baserock
2						SANDY CLAY (CL) black, moist
3					CL	
4	TR-1-04					
5						petroleum odor
6						
7	TR-1-07					▼ CLAY (CL) gray, moist to wet, brown mottling
8						
9					CL	
10	TR-1-10					
11						
12	TR-1-12					CLAY (CL) brown, wet, very stiff, black-mottling
13					CL	
14						
15	TR-1-10					
16						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 6.5 feet.
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ENVIRONMENTAL 280801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo | Project No.: 2808.01 | Attachment: A-1

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	Log of Boring TR-2	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/5/00	Date finished: 4/5/00	
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
1						Baserock
2					CL	CLAY (CL) light brown/dark brown, moist, trace organics
3	TR-2-03			0		
4						
5	TR-2-05			0	CL	CLAY (CL) brown-gray, moist to wet, trace sand and gravel
6						
7						
8	TR-2-08			0	CL	CLAY (CL) light brown/dark brown, wet, with trace sands and gravels
9						
10	TR-2-10			0		
11					CL	CLAY (CL) brown, wet
12						
13						
14						
15	TR-2-15			0		
16						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 6.0 feet.
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ENVIRONMENTAL 260801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2608.01	Attachment: A-2

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-4**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/5/00	Date finished: 4/5/00	
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
1						Baserock
2					CL	CLAY (CL) black, with trace sand
3	TR-4-03			0		
4					CL	CLAY (CL) black-brown, moist, stiff, with trace sand and gravel
5	TR-4-05			0		
6					CL	CLAY (CL) light gray, moist, high plasticity
7						
8	TR-4-08			0		▼
9						CLAY (CL) brown, wet, with trace sand
10						
11	TR-4-10			0	CL	
12						
13						
14						
15						Boring terminated at a depth of 15.0 feet. boring backfilled with cement bentonite grout. Groundwater was encountered at 8.0 feet
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ENVIRONMENTAL 280801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-3

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-5**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/5/00	Date finished: 4/5/00	
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
1						Asphalt
						Baserock
2						SANDY CLAY (CL) brown, moist, medium-grained, mottling, trace gravel, trace silt
3	TR-5-03			0	CL	
4						
5	TR-5-05			0		CLAY (CL) light gray, moist, stiff, trace sand
6						
7						
8	TR-5-08			0	CL	
9						
10	TR-5-10			0		
11						▼
12						
13						CLAY (CL) brown, moist, stiff, high plasticity
14					CL	
15	TR-5-15			0		
16						
17						Boring terminated at a depth of 16.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 11.0 feet.
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ENVIRONMENTAL 280801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-4

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-6

Boring location: See Site Plan, Figure 2 | Logged by: M. Rapoport

Date started: 4/5/00 | Date finished: 4/5/00

Drilling method: Direct push

Hammer weight/drop: --- | Hammer type: Continuous core

Sampler:

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt Baserock
1–2					CL	CLAY (CL) black, moist
3	TR-6-03			0	CL	SANDY CLAY (CL) light brown, moist, stiff, mottling, trace gravel and silt
5	TR-6-05			0		
7–8	TR-6-07			0	CL	CLAY (CL) brown, moist, stiff, high plasticity, trace sand and gravel
9						▼
10	TR-6-10			0		
11–14						
15	TR-6-15			0		
16–30						Boring terminated at a depth of 15.0 feet. Borign backfilled with cement bentonite grout. Groundwater was encountered at 9.5 feet.

ENVIRONMENTAL 280801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo | Project No.: 2808.01 | Attachment: A-5

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-7

Boring location: See Site Plan, Figure 2		Logged by: M. Rapoport
Date started: 4/5/00	Date finished: 4/5/00	
Drilling method: Direct push		
Hammer weight/drop: ---	Hammer type: Continuous core	
Sampler:		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
1						Baserock
2						CLAY (CL) light gray, moist, stiff, high plasticity
3	TR-7-03			0		trace gravel
4					CL	
5	TR-7-05			0		slight petroleum odor
6						
7						
8	TR-7-08			0		
9						SANDY CLAY (CL) light gray-brown, moist, stiff, mottling, trace gravel, slight petroleum odor
10	TR-7-10			0	CL	
11						
12						CLAY (CL) brown, moist, stiff, high plasticity
13					CL	
14						
15	TR-7-15			0		
16						Boring terminated at a depth of 15.0 feet. Boring backfill with cement bentonite grout Groundwater was encountered at 12.5 feet.
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PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-8**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: M. Rapoport
Date started: 4/5/00	Date finished: 4/5/00	
Drilling method: Direct push		
Hammer weight/drop: ---	Hammer type: Continuous corp	
Sampler:		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
1						Asphalt Base rock
2					CL	CLAY (CL) black
3	TR-8-03			0		
4						
5	TR-8-05			0	CL	SANDY CLAY (CL) light brown, moist, stiff, low plasticity, trace gravel and silt, slight petroleum odor
6						
7						
8	TR-8-08			0	CL	CLAY (CL) light gray, moist, stiff, high plasticity, slight petroleum odor
9						
10	TR-8-10			0		
11						SANDY CLAY (CL) brown, moist, stiff, mottling, trace gravel
12					CL	
13						
14						
15	TR-8-15			0		
16						Boring terminated at a depth of 15.0 feet. Boring backfill with cement bentonite grout. Groundwater was encountered at 11.0 feet
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23						
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29						
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ENVIRONMENTAL 280601.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-7

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-9

Boring location: See Site Plan, Figure 2 | Logged by: M. Rapoport

Date started: 4/5/00 | Date finished: 4/5/00

Drilling method: Direct push

Hammer weight/drop: --- | Hammer type: Continuous core

Sampler:

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
0.5						Base rock
1–3					CL	SANDY CLAY with GRAVEL (CL) brown, moist, trace organics
3	TR-9-03			0		
3–5					CL	CLAY (CL) light brown-gray, moist, mottling, trace sand and gravel
5	TR-9-05			0		
5–8					CL	CLAY (CL) gray, moist, mottling (black-brown)
8	TR-9-08			0		
8–10					CL	SANDY CLAY (CL) dark brown-gray, moist, stiff
10	TR-9-10			0		
10–15					CL	CLAY (CL) brown, wet, stiff, trace gravel
15	TR-9-15			0		
15						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 11.0 feet.

ENVIRONMENTAL 2808.01.GPJ T&R.GDT 5/12/00

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-10

Boring location: See Site Plan, Figure 2
Logged by: M. Rapoport
Date started: 4/5/00
Date finished: 4/5/00
Drilling method: Direct push
Hammer weight/drop: ---
Hammer type: Continuous core
Sampler:

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
1						Base rock
2					CL	SANDY CLAY with GRAVEL (CL) brown, moist, stiff, trace organics, slight petroleum odor
3	TR-10-03			10		
4						CLAY (CL) light brown, moist, stiff, mottling, trace sand and gravel
5	TR-10-05			0		
6						
7					CL	
8	TR-10-08					color changes to gray
9						
10	TR-10-10			8		▼
11						
12						SANDY CLAY with GRAVEL (CL) dark brown, moist, stiff
13					CL	
14						
15	TR-10-15			0		
16						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 10.0 feet.
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ENVIRONMENTAL 280801.GPJ T&R.GDT 5/12/00

Treadwell&Rollo

Project No.: 2808.01

Attachment: A-9

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-11

Boring location: See Site Plan, Figure 2		Logged by: M. Rapoport
Date started: 4/5/00	Date finished: 4/5/00	
Drilling method: Direct push		
Hammer weight/drop: --	Hammer type: Continuous core	
Sampler:		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
1						Baserock
2					CL	SANDY CLAY with GRAVEL (CL) light gray-brown, moist, stiff, low plasticity
3	TR-11-03			0		
4						
5	TR-11-05			0	CL	CLAY (CL) light gray, moist, very stiff, trace gravel
6						
7						
8	TR-11-08			0	CL	SANDY CLAY (CL) light gray, moist, stiff, low plasticity, trace gravel
9						
10	TR-11-10			0	CL	CLAY (CL) brown, very moist, stiff, high plasticity
11						
12						
13						
14						
15	TR-11-15			0		Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was not encountered at time of drilling.
16						
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19						
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28						
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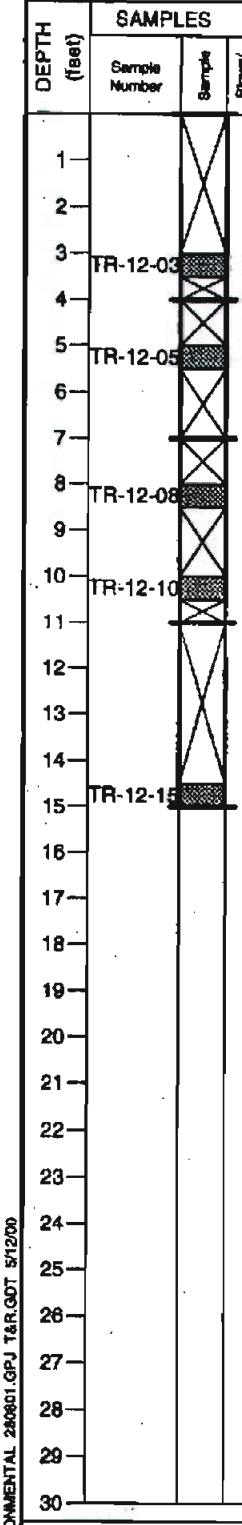
Treadwell&Rollo | Project No.: 2808.01 | Attachment: A-10

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-12**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2	Logged by:	M. Rapoport
Date started:	4/5/00	Date finished:	4/5/00
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type:	Continuous core
Sampler:			



MATERIAL DESCRIPTION

Asphalt

Base rock

CLAY (CL)
brownish gray, moist, stiff, high plasticity, trace gravel, slight petroleum odor

SANDY CLAY (CL)
light brown, moist, trace gravel, slight petroleum odor

CLAY (CL)
brown, moist to wet, very stiff, high plasticity, trace gravel

Boring terminated at a depth of 15.0 feet.
Boring backfilled with cement benonite grout.
Groundwater was encountered at 10.5 feet.

ENVIRONMENTAL 2808d1.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-11

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-13**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/6/00	Date finished: 4/6/00	
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type: Continous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
0.5						Base rock
1–7	TR-13-03			0	CL	CLAY (CL) brown-gray, moist, stiff, high plasticity, trace gravel
3	TR-13-03			0	CL	
5	TR-13-05			0	CL	
7–8					CL	
8	TR-13-08			10	CL	SANDY CLAY (CL) light brown-gray, moist, stiff, low plasticity, trace gravel, slight petroleum odor
10	TR-13-10			3	CL	
11					CL	▼
12–13					CL	CLAY (CL) brown, moist to wet, very stiff, high plasticity, trace gravel
14–15	TR-13-15			0	CL	
15						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 11.0 feet.
16–30						

ENVIRONMENTAL 280601.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-12

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-14**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/5/00	Date finished: 4/5/00	
Drilling method:	Derect push		
Hammer weight/drop:	---	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Concrete
1						Base rock
2					CL	CLAY (CL) light gray, moist, stiff, high plasticity, trace sand
3	TR-14-03			0		trace gravel
4						
5	TR-14-05			0		
6						
7						
8	TR-14-08			2		
9					CL	SANDY CLAY (CL) light gray-brown, moist, stiff, mottling, trace gravel slight petroleum odor
10	TR-14-10			0		
11						
12					CL	CLAY (CL) brown, moist, stiff, high plasticity
13						▼
14						
15	TR-14-15			0		
16						Boring terminated at depth of 15.0 feet. Boring backfill with cement bentonite grout. Groundwater was encountered at 13.0 feet.
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

ENVIRONMENTAL 2808.01.GPJ T&R.GDT 5/12/00

Treadwell&Rollo | Project No.: 2808.01 | Attachment: A-13

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-15**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/5/00	Date finished: 4/5/00	
Drilling method:	Direct push		
Hammer weight/drop:	---	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Concrete/baserock
1–2						SANDY CLAY (CL) brown, moist, trace silt
3	TR-15-03			0	CL	
4–5						
5	TR-15-05			0		
6–7						CLAY (CL) brown, moist, high plasticity, trace sand and gravel
8	TR-15-08			0		
9						▼
10	TR-15-10			0	CL	trace sand and gravel layer
11–14						
15	TR-15-15			0		
16–30						Boring terminated at a depth of 15.0 feet. Boring backfill with cement bentonite grout. Groundwater was encountered at 9.5 feet.

ENVIRONMENTAL 290601.GPJ T&R.GDT 5/12/00

Treadwell&Rollo	Project No.: 2808.01	Attachment: A-14

PROJECT:	EMERYVILLE COURT INVESTORS Emeryville, California	**Log of Boring TR-16**	PAGE 1 OF 1
Boring location:	See Site Plan, Figure 2		Logged by: M. Rapoport
Date started:	4/6/00	Date finished: 4/6/00	
Drilling method:	Direct push		
Hammer weight/drop:	—	Hammer type: Continuous core	
Sampler:			

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
1–3	TR-16-03			0	CL	SANDY CLAY (CL) brown, moist, stiff
4–6	TR-16-05			0	CL	CLAY (CL) dark gray, moist, stiff, trace gravel
7–9	TR-16-08			0	CL	color change to brown
10–12	TR-16-10			0		
13–15	TR-16-15			0	CL	SANDY CLAY (CL) brown/dark brown, moist, stiff, trace gravel
16–30						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was not encountered at time of drilling

ENVIRONMENTAL 2808D1.GPJ T&R.GDT 5/12/00

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-17

Boring location: See Site Plan, Figure 2
Logged by: M. Rapoport
Date started: 4/6/00
Date finished: 4/6/00
Drilling method: Direct push
Hammer weight/drop: ---
Hammer type: Continuous core
Sampler:

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
0.5						Baserock
1–3					CL	SANDY CLAY (CL) brown-black, dry to moist, stiff
3	TR-17-03			0		
3–8					CL	CLAY (CL) dark gray, moist, stiff, trace gravel
5	TR-17-05			0		
8	TR-17-08			0		color change to brown
10	TR-17-10			0		
12–15					CL	SANDY CLAY (CL) brown/dark brown, moist, stiff
15	TR-17-15			0		
15						Boring terminated at a depth of 15.0 feet Boring backfilled with cement bentonite grout. Groundwate was not encountered at time of drilling.

ENVIRONMENTAL 2808\01.GPJ T&R.GDT 5/12/00

PROJECT: **EMERYVILLE COURT INVESTORS**
Emeryville, California

Log of Boring TR-18

Boring location: See Site Plan, Figure 2
Logged by: M. Rapoport
Date started: 4/5/00
Date finished: 4/5/00
Drilling method: Direct push
Hammer weight/drop: ---
Hammer type: Continuous core
Sampler:

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blows/foot	OVM	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt
0.5						Base rock
1–3	TR-18-03			0	CL	CLAY (CL) black, moist, with trace sand
3–5	TR-18-05			0	CL	CLAY (CL) brown-gray, moist, stiff, high plasticity, trace gravel, mottling (brown-red)
5–8	TR-18-08			0	CL	
8–10	TR-18-10			0	CL	SANDY CLAY (CL) light brown-gray,moist, stiff, low plasticity, trace gravel, shell fragments
10–12					CL	CLAY (CL) brown, mosit to wet, very stiff, high plasticity, trace gravel
12–15	TR-18-15			0	CL	
15						Boring terminated at a depth of 15.0 feet. Boring backfilled with cement bentonite grout. Groundwater was encountered at 11.5 feet.

ENVIRONMENTAL 2808\01.GPJ T&R.GDT 5/12/00

Treadwell&Rollo

Project No.: 2808.01

Attachment: A-17

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-19**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: E. Deratzian
Drilled By: Precision Sampling Inc.

Date started: 1/20/05 | Date finished: 1/20/05

Drilling method: Direct Push

Hammer weight/drop: – | Hammer type: –

Sampler: Continuous Core

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1							ASPHALT NO RECOVERY
2							
3	TR-19-2.5					SW	SAND with CLAY (SW) yellow-brown, medium dense, moist, subrounded, well graded, no odor, 90 percent fine to coarse sand, 10 percent fines
4						CL	
5						CL	CLAY (CL) green-gray, medium stiff, moist, very plastic, no odor, 5 percent fine sand, 95 percent fines
6	TR-19-6.0						SILTY CLAY with GRAVEL (CL) green-gray with orange mottling, stiff, moist, plastic, no odor, 10 percent gravel, 5 percent fine sand, 85 percent fines
7							
8							
9							
10							
11							
12							
13							
14							
15							
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30							

Boring terminated at 7 feet below ground surface.
Boring backfilled with cement grout. Groundwater was not encountered during drilling.
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.: 4069.01 | Figure: A-1

TEST ENVIRONMENTAL 4069.01 GPJ T&R GDT 3/3/05

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-20**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: E. Morita Drilled By: Precision Sampling Inc.
Date started: 1/20/05	Date finished: 1/20/05	
Drilling method: Direct Push		
Hammer weight/drop: –	Hammer type: –	
Sampler: Continuous Core		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1							ASPHALT CONCRETE SLAB
2	TR-20-2.0					SP	SAND (SP) gray, medium dense, moist, subrounded, moderately graded, no odor, 85 percent fine to medium sand, 15 percent fines
3							
4						CL	CLAY (CL) brown, stiff, moist, very plastic, weak hydrocarbon odor from 2.0 to 4.0 feet, 10 percent fine sand, 90 percent fines strong hydrocarbon odor from 4 to 7 feet
5							
6	TR-20-6.0						
7						CL	CLAY (CL) green-gray, stiff, moist, very plastic, strong hydrocarbon odor, 5 percent fine sand, 95 percent fines
8							
9							
10							
11							
12							
13							
14							
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Boring terminated at 7 feet below ground surface.
Boring backfilled with cement grout. Groundwater was not encountered during drilling.
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.:	Figure:
4069.01	A-2

TEST ENVIRONMENTAL 4069G1.GPJ T&R GDT 3/3/05

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-21**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: E. Morita
Drilled By: Precision Sampling Inc.

Date started: 1/20/05 | Date finished: 1/20/05

Drilling method: Direct Push

Hammer weight/drop: -- | Hammer type: --

Sampler: Continuous Core

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1						SM	SILTY SAND (SM) medium brown, loose, moist, subangular, slightly plastic, poorly graded, no odor, 90 percent sand, 10 percent fines
2	TR-21-2.0					ML	SANDY SILT (ML) gray-black, very soft, moist, slightly plastic, poorly graded, no odor, 70 percent sand, 30 percent fines
3						CL	GRAVELLY CLAY (CL) black, medium stiff, wet, plastic, poorly graded, no odor, 15 percent gravel, 5 percent fine sand, 80 percent fines
4						ML	SANDY SILT (ML) light brown, soft, moist, subangular, slightly plastic, moderately graded, no odor, 25 percent sand, 75 percent fines
5						CL	SILTY CLAY (CL) light brown, soft to medium stiff, moist, subrounded, plastic, no odor, 10 percent sand, 90 percent fines
6	TR-21-6.0						
7							
8							
9							
10							
11							
12							
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30							

Boring terminated at 6.5 feet below ground surface.
Boring backfilled with cement grout. Groundwater was not encountered during drilling.
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.: 4069.01 | Figure: A-3

TREADWELL & ROLLO ENVIRONMENTAL 4069G1.GPJ T&R.GDT 3/3/05

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-22**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: E. Morita Drilled By: Precision Sampling Inc.
Date started: 1/20/05	Date finished: 1/20/05	
Drilling method: Hand Auger		
Hammer weight/drop: --	Hammer type: --	
Sampler: 2x6 Stainless Steel Sampling Tube		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0							ASPHALT
1						CL	CLAY with SAND (CL) dark brown, moist, subangular, slightly plastic, no odor, 25 percent fine sand, 75 percent fines
2	TR-22-2.0						
3							Concrete slab from 2.5 feet to 2.8 feet
4						CL	CLAY with SILT and some GRAVEL (CL) yellow-brown, medium stiff, moist, plastic, moderately graded, no odor, 15 percent gravel, 5 percent sand, 80 percent fines
5							
6	TR-22-6.0						
7							
8							
9							
10							
11							
12							
13							
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28							
29							
30							

Boring terminated at 6.5 feet below ground surface.
Boring backfilled with cement grout. Groundwater was not encountered during drilling
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.:	Figure:
4069.01	A-4

TEST ENVIRONMENTAL 4069\01 TR1 GDT 3/3/05

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-25**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Logged by: E. Morita
Drilled By: Precision Sampling Inc.

Date started: 1/20/05 | Date finished: 1/20/05

Drilling method: Hand Auger

Hammer weight/drop: -- | Hammer type: --

Sampler: 2x6 Stainless Steel Sampling Tube

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0							ASPHALT
1–3	TR-25-2.0					CL	SANDY CLAY with GRAVEL (CL) dark brown-black, soft, moist, subrounded, slightly plastic, moderately graded, no odor, 10 percent gravel, 25 percent sand, 65 percent fines
4–5						CL	CLAY with SAND (CL) olive green mottled with tan, medium stiff, moist, slightly plastic, moderately graded, medium hydrocarbon odor, 10 percent gravel, 15 percent fine sand, 75 percent fines
6–7	TR-25-6.0					CL	CLAY with SAND (CL) olive, medium stiff, moist, slightly plastic, poorly graded, strong hydrocarbon odor, 10 percent fine sand, 90 percent fines
8–9						CL	CLAY with GRAVEL (CL) olive mottled with light brown, stiff, moist to wet, subangular, plastic, poorly graded, weak hydrocarbon odor, 15 percent gravel, 5 percent fine sand, 80 percent fines, angular chert fragments throughout, slight sheen observed on groundwater sample
10–30							

Boring terminated at 9.0 feet below ground surface
Boring backfilled with cement grout.
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.: 4069.01 | Figure: A-5

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-28**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2		Logged by: E. Morita Drilled By: Precision Sampling Inc.
Date started: 1/20/05	Date finished: 1/20/05	
Drilling method: Hand Auger		
Hammer weight/drop: --	Hammer type: --	
Sampler: 2x6 Stainless Steel Sampling Tube		

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
							ASPHALT
1						CL	CLAY with SAND (CL) gray to black, soft, wet, plastic, no odor, 10 percent medium sand, 90 percent fines
2	TR-28-2.0						
3							
4						CL	CLAY with GRAVEL (CL) yellow-brown, subangular, slightly plastic, moist, weak hydrocarbon odor, 12 percent gravel, 10 percent medium sand, 78 percent fines
5							
6	TR-28-6.0					CL	CLAY (CL) olive, plastic, moist, medium to strong hydrocarbon odor, 20 percent medium sand, 80 percent fines
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
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19							
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28							
29							
30							

Boring terminated at 6.5 feet below ground surface.
Boring backfilled with cement grout. Groundwater was not encountered during drilling.
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.:	Figure:
4069.01	A-6

TEST ENVIRONMENTAL 4069.01.GPJ TAR.GDT 3/3/05

PROJECT: **EMERYVILLE INDUSTRIAL COURT**
5885 HOLLIS STREET
Emeryville, California

Log of Boring TR-29

Boring location: See Site Plan, Figure 2

Logged by: E. Deratzian
Drilled By: Precision Sampling Inc.

Date started: 1/20/05 | Date finished: 1/20/05

Drilling method: Direct Push

Hammer weight/drop: – | Hammer type: –

Sampler: Continuous Core

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
0							ASPHALT
1						SP	SAND with GRAVEL (SP) brown, loose, moist, subrounded, moderately graded, no odor, 10 percent gravel, 85 percent fine to medium sand, 5 percent fines
2	TR-29-2.0					CL	CLAY with SILT (CL) black, medium stiff, moist, non-plastic, no odor, 10 percent fine sand, 90 percent fines
3							
4							CLAY with GRAVEL (CL) orange-brown, medium stiff, moist, subrounded to subangular, slightly plastic, no odor, 15 percent gravel, 5 percent fine to medium sand, 80 percent fines, angular chert fragments throughout
5							
6	TR-29-6.0						
7							
8						CL	
9							
10							
11							
12							
13							
14							
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30							

Boring terminated at 13.0 feet below ground surface
Boring backfilled with cement grout.
Soil properties based on visual observations only.

Treadwell & Rollo

Project No.: 4069.01 | Figure: A-7

PROJECT: **EMERYVILLE INDUSTRIAL COURT**
5885 HOLLIS STREET
Emeryville, California

Log of Boring TR-30

Boring location: See Site Plan, Figure 2
Logged by: E. Deratzian
Drilled By: Precision Sampling Inc.
Date started: 1/20/05 Date finished: 1/20/05
Drilling method: Direct Push
Hammer weight/drop: -- Hammer type: --
Sampler: Continuous Core

DEPTH (feet)	SAMPLES: Sample Number	Sample	Blow Count	Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1							ASPHALT
2	TR-30-2.0					SW	GRAVELLY SAND (SW) brown, loose, moist, subrounded to subangular, well graded, no odor, 20 percent gravel, 75 percent fine to coarse sand, 5 percent fines
3						CL	CLAY with SILT (CL) black, medium stiff, moist, non-plastic, no odor, 10 percent fine sand, 90 percent fines
4						CL	CLAY with GRAVEL (CL) orange-brown, stiff, moist, subrounded to subangular, plastic, no odor, 15 percent gravel, 5 percent fine to medium sand, 80 percent fines, angular chert throughout
5							
6	TR-30-6.0					CL	CLAY (CL) gray, stiff, moist, weak hydrocarbon odor starting at 5.5 feet, 5 percent fine sand, 95 percent fines
7							
8							
9						CL	CLAY with GRAVEL (CL) brown with gray mottling, stiff, moist, subrounded to subangular, slightly plastic, weak hydrocarbon odor to 11 feet, 10 percent gravel, 5 percent fine sand, 85 percent fines
10							
11							
12							
13							
14							
15							
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27							
28							
29							
30							

Boring terminated at 13.0 feet below ground surface.
Boring backfilled with cement grout
Soil properties based on visual observations only.

Treadwell&Rollo

Project No.: 4069.01 Figure: A-8

PROJECT:	EMERYVILLE INDUSTRIAL COURT 5885 HOLLIS STREET Emeryville, California	**Log of Boring TR-31**	PAGE 1 OF 1

Boring location: See Site Plan, Figure 2
Logged by: E. Deratzian
Drilled By: Precision Sampling Inc.
Date started: 1/20/05 Date finished: 1/20/05
Drilling method: Direct Push
Hammer weight/drop: -- Hammer type: --
Sampler: Continuous Core

DEPTH (feet)	SAMPLES: Sample Number	SAMPLES: Sample	SAMPLES: Blow Count	SAMPLES: Recovery (inches)	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
1							ASPHALT NO RECOVERY
2							
3	TR-31-2.5					SW	SAND with GRAVEL (SW) brown, loose, moist, subrounded to subangular, well graded, 15 percent gravel, 80 percent fine to coarse sand, 5 percent fines
4						CL	CLAY with SILT (CL) black, stiff, moist, non-plastic, strong hydrocarbon odor, 10 percent fine sand, 90 percent fines
5							
6	TR-31-6.0					CL	NO RECOVERY
7							CLAY with SILT (CL) yellow-brown with orange mottling, medium stiff, moist, very plastic, no odor, 10 percent fine sand, 90 percent fines
8						CL	CLAY with GRAVEL (CL) olive-brown with orange mottling, medium stiff, moist, plastic, no odor, 10 percent gravel, 5 percent fine sand, 85 percent fines
9							
10							
11						CL	CLAY (CL) yellow-brown with gray mottling, medium stiff, moist, slightly plastic, no odor, 10 percent fine sand, 90 percent fines
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at 13.0 feet below ground surface.
Boring backfilled with cement grout. Groundwater was encountered at a depth of 9.88 feet during drilling
Soil properties based on visual observations only.

Treadwell&Rollo

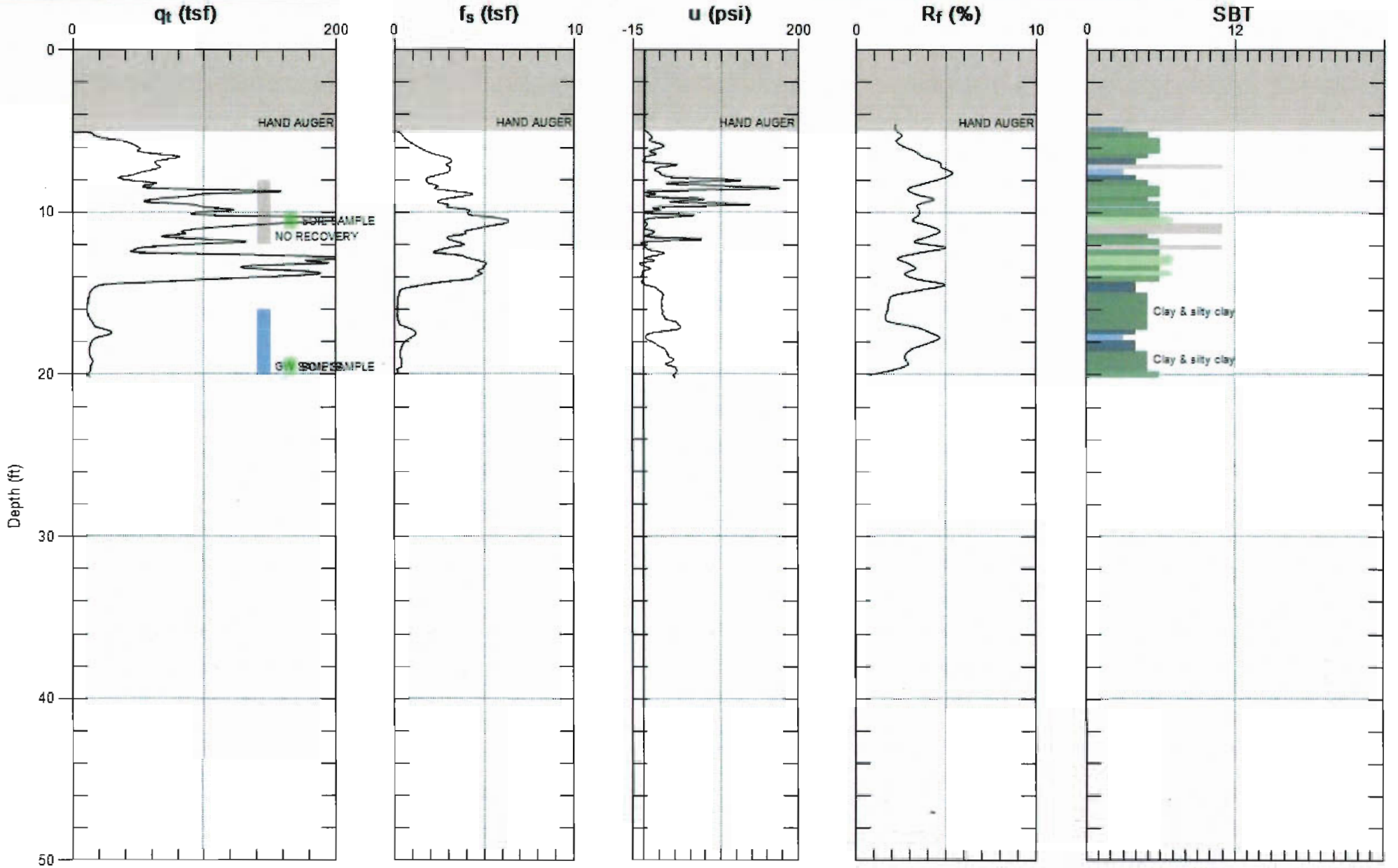
Project No.: 4069.01 Figure: A-9

TEST ENVIRONMENTAL 4069-01.GPJ T&R.GDT 3/3/05

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-01 Date: 2010-04-05 11:06

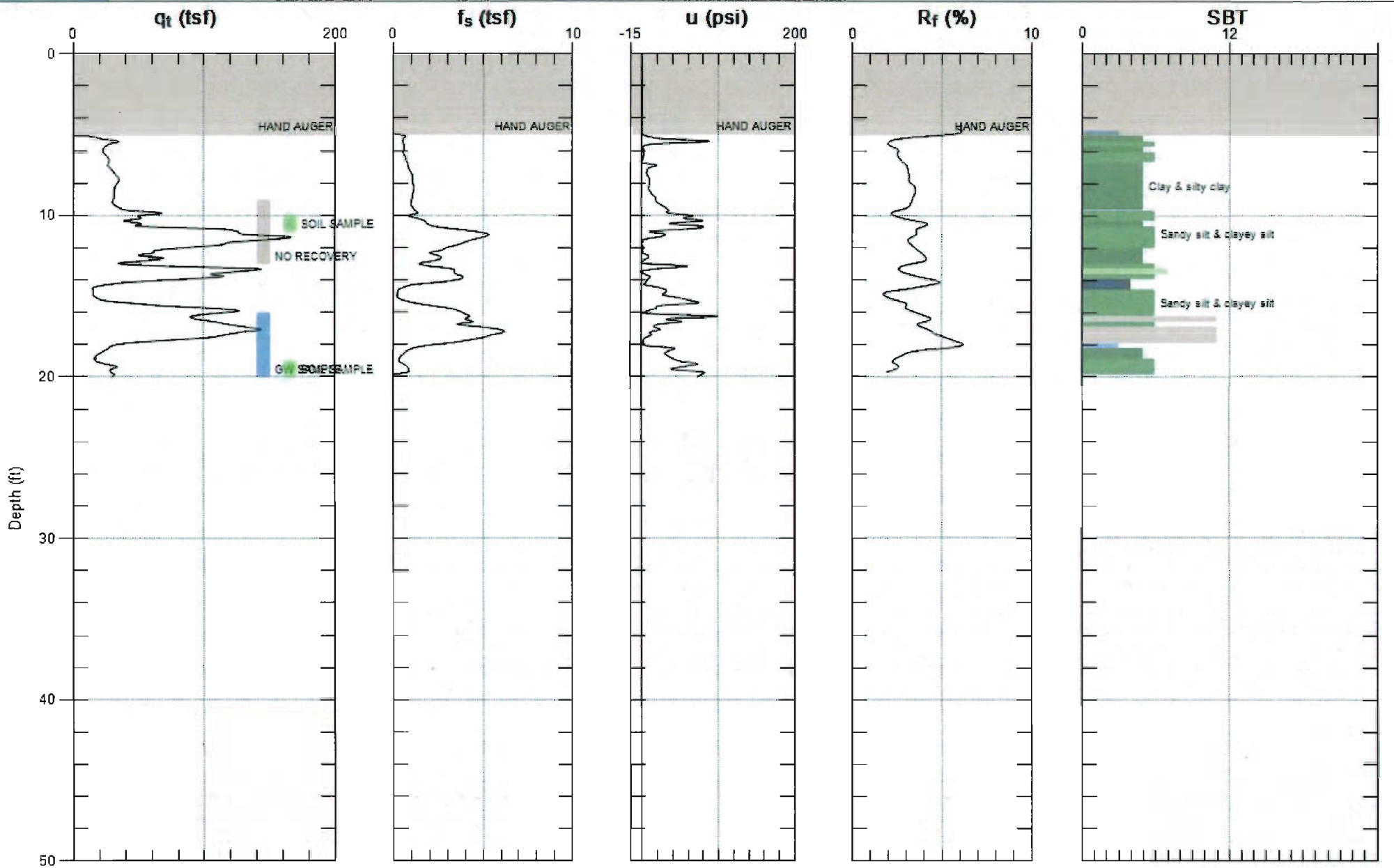


Max. Depth: 20.177 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST
Engineer: M.HALL
Sounding: TRCPT-02
Date: 2010-04-05 08:16



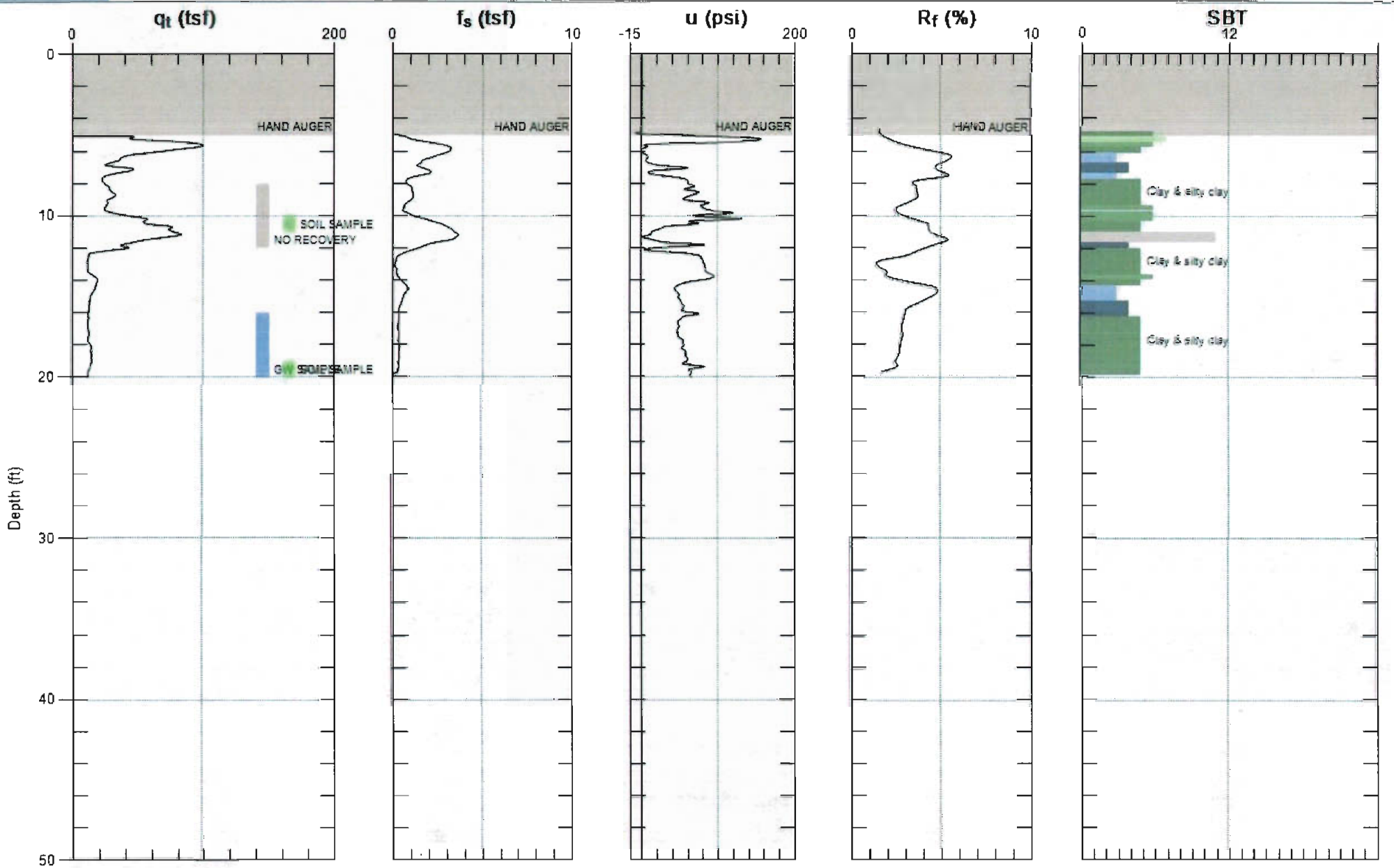
Max. Depth: 20.013 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-03 Date: 2010-04-02 01:50



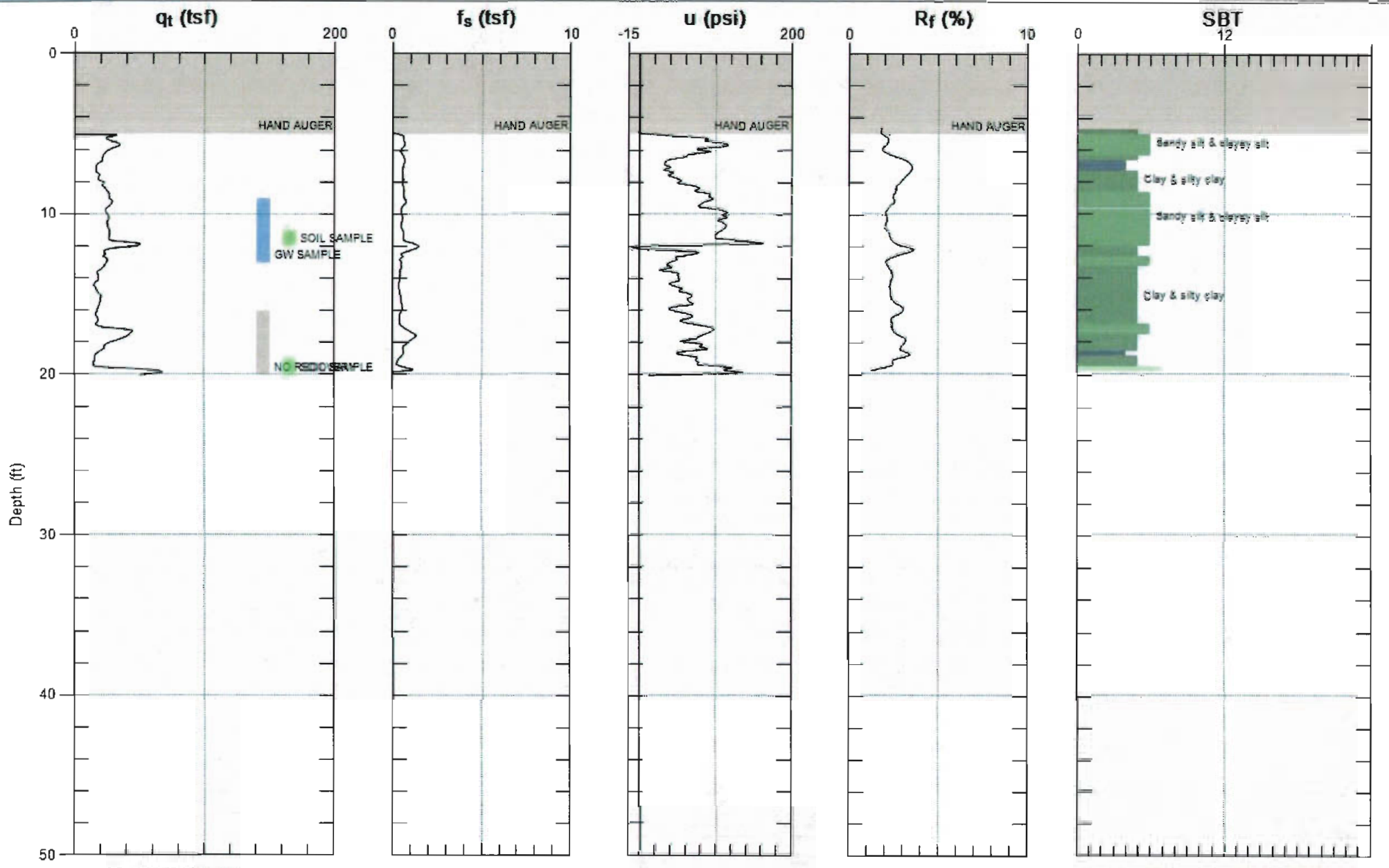
Max. Depth: 20.013 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-04 Date: 2010-04-02 11:17



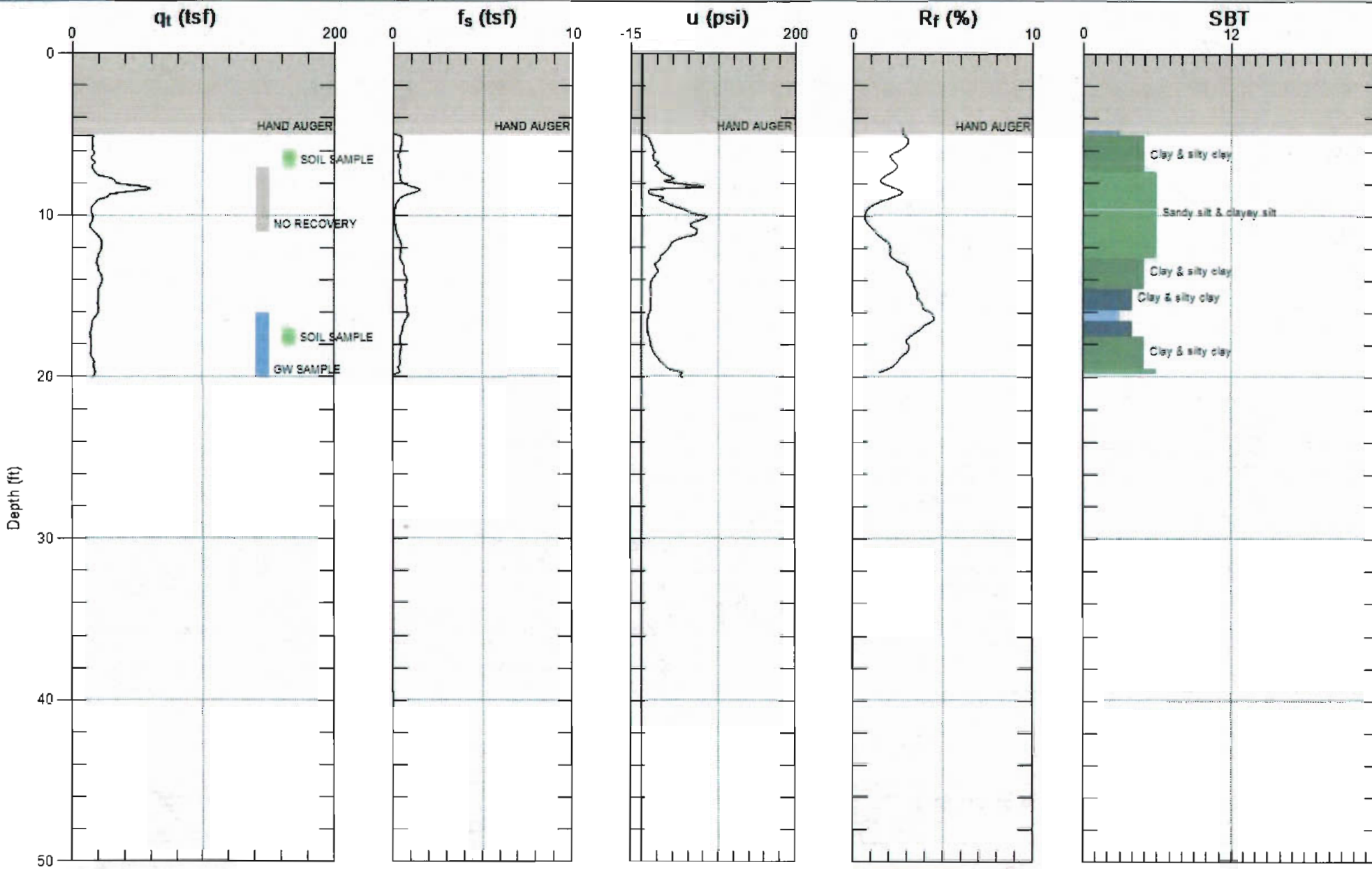
Max. Depth: 20.013 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-05 Date: 2010-04-02 08:05



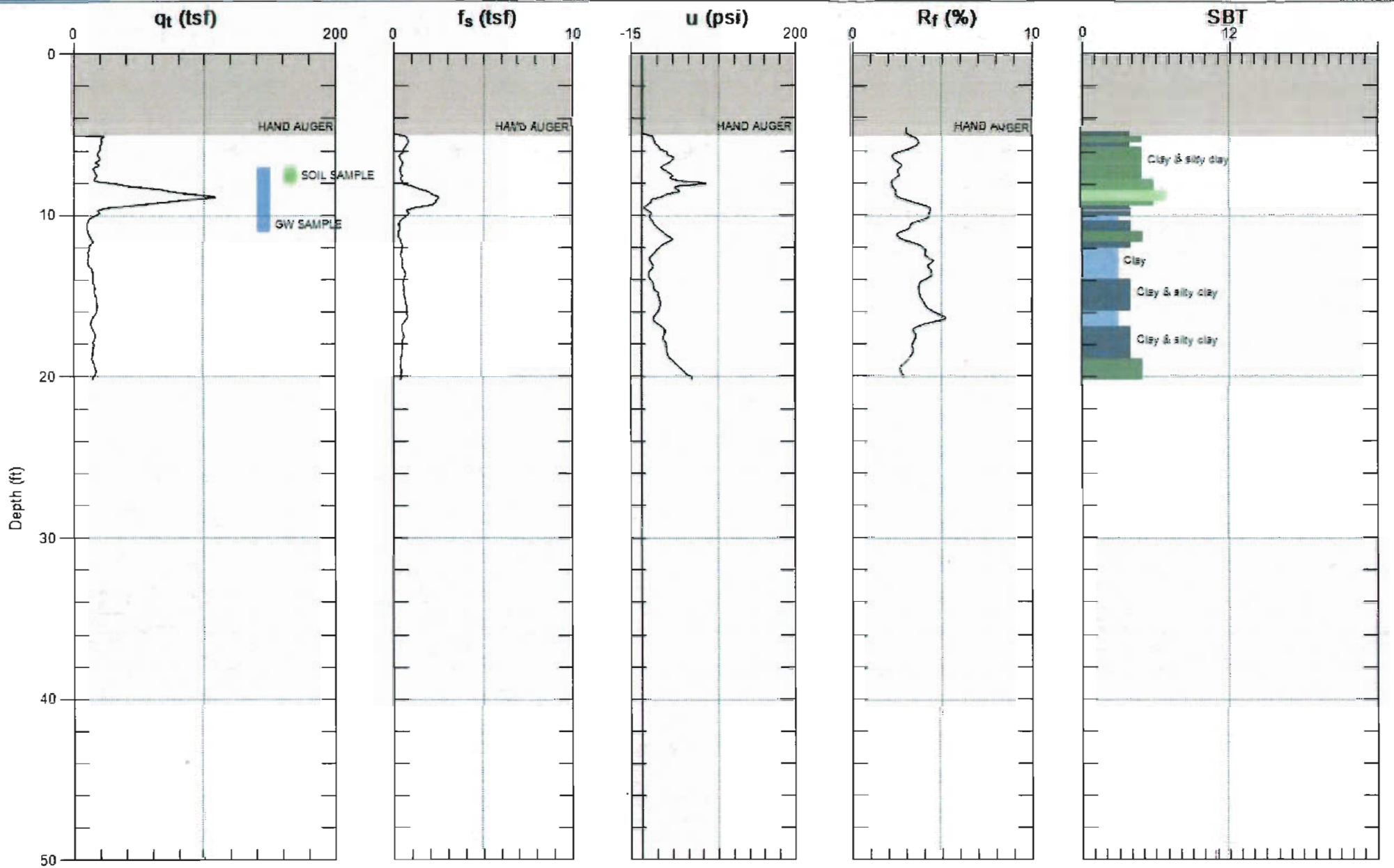
Max. Depth: 20.013 (ft)
Avg. Interval: 0.328 (ft)

SBT. Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-06 Date: 2010-04-01 04:00



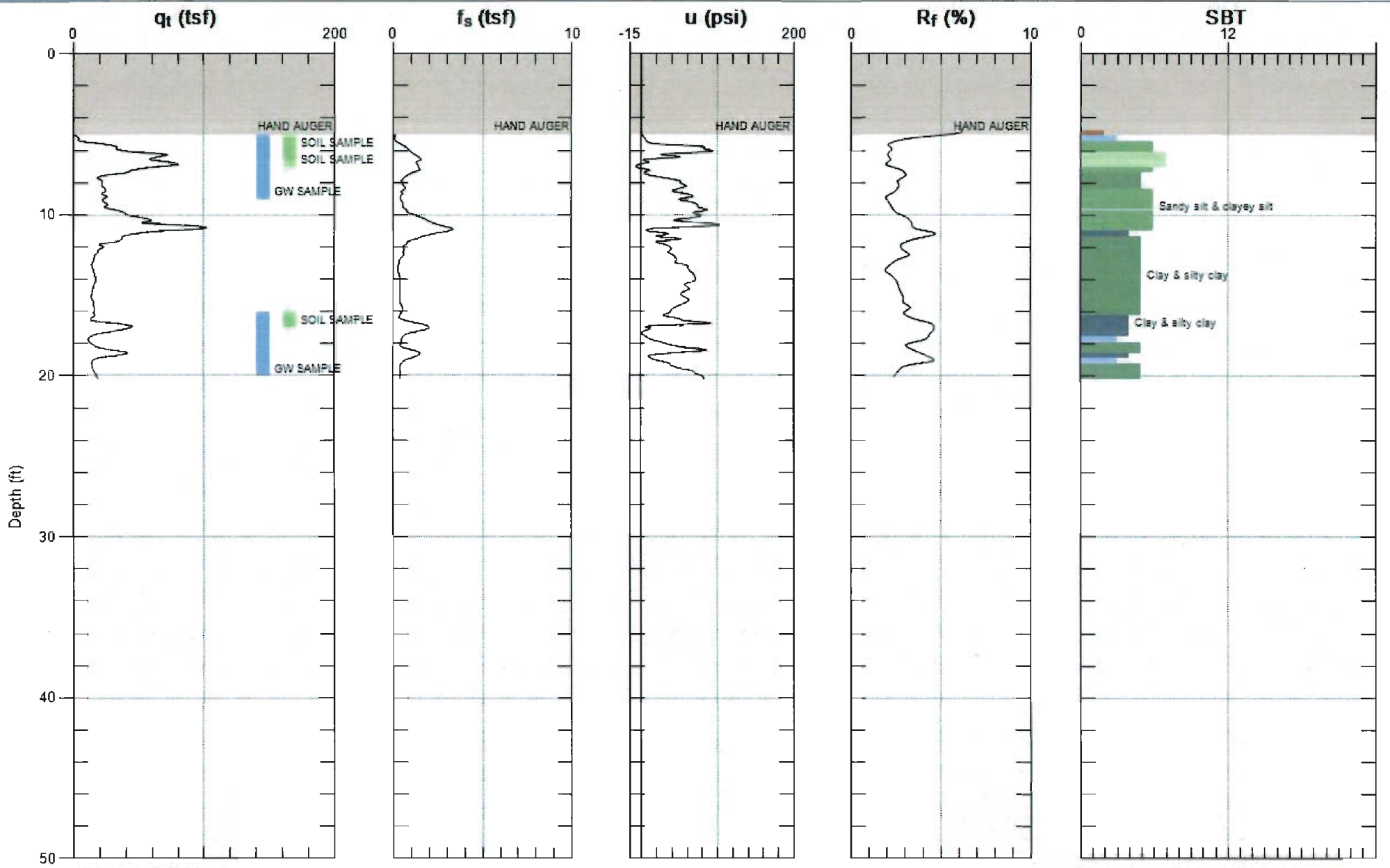
Max. Depth: 20.177 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-07 Date: 2010-04-01 12:51

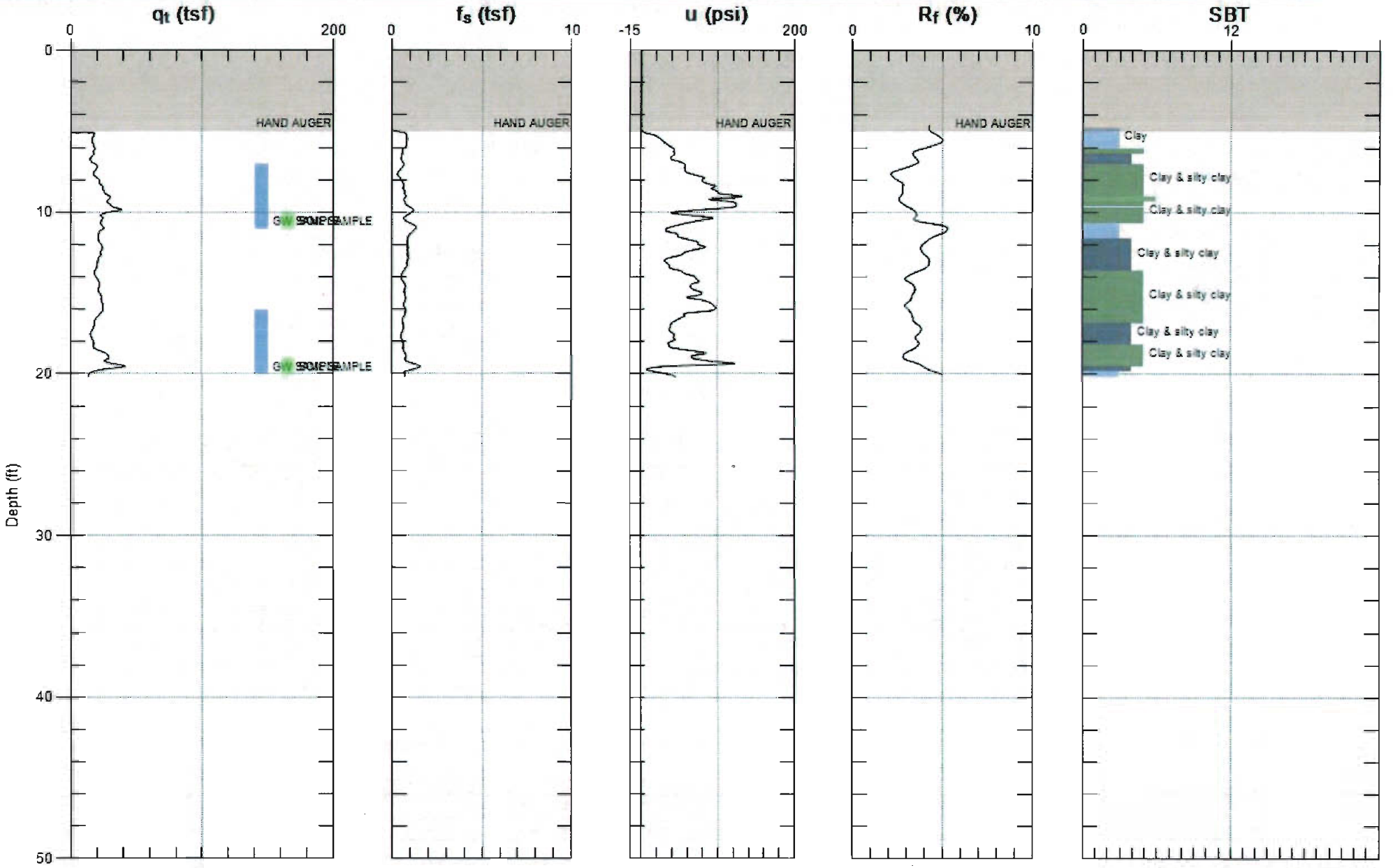


Max. Depth: 20.177 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

Site: EMERY STATION EAST
Sounding: TRCPT-08
Engineer: M.HALL
Date: 2010-04-01 08:56



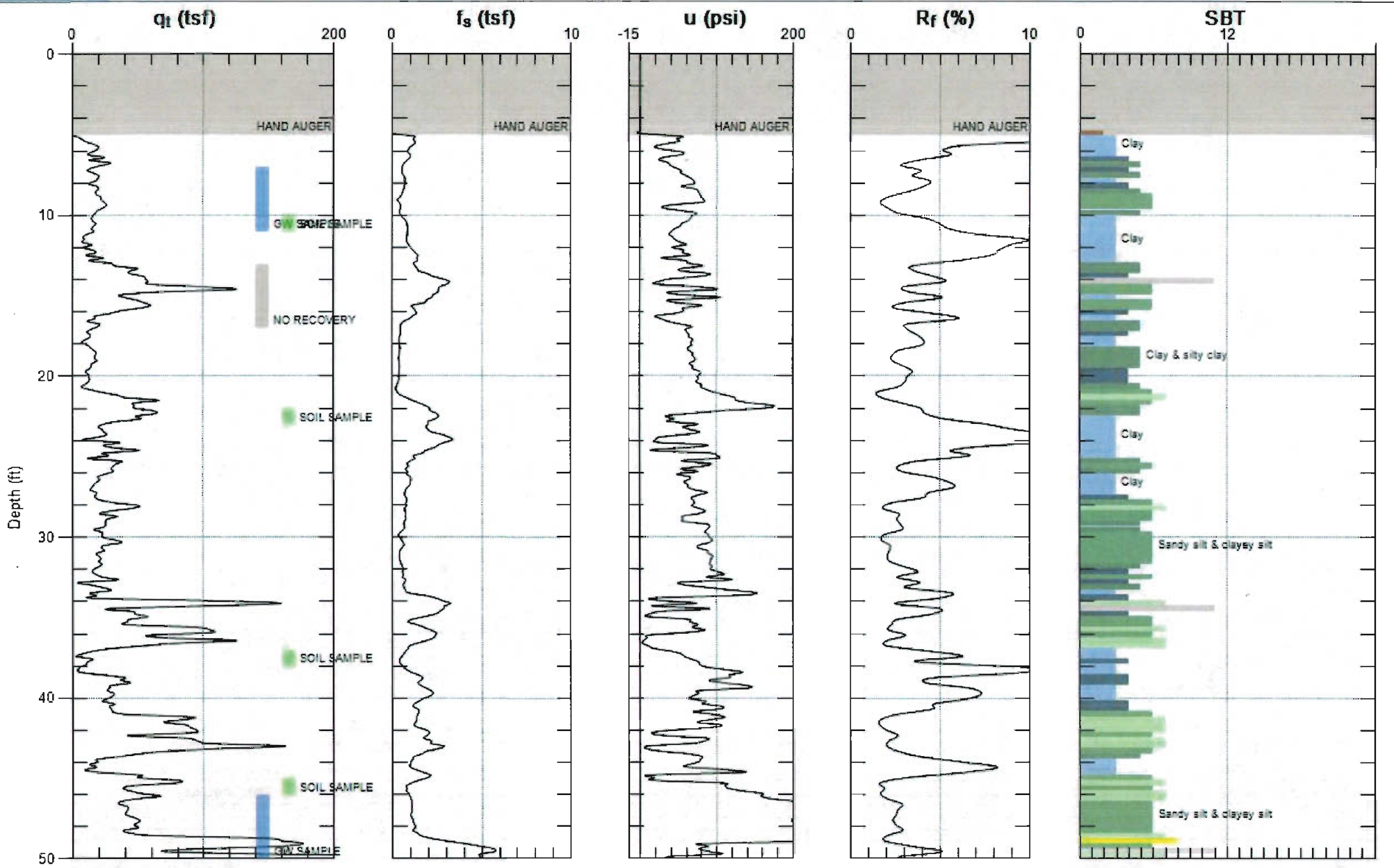
Max. Depth: 20.177 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

TREADWELL & ROLLO

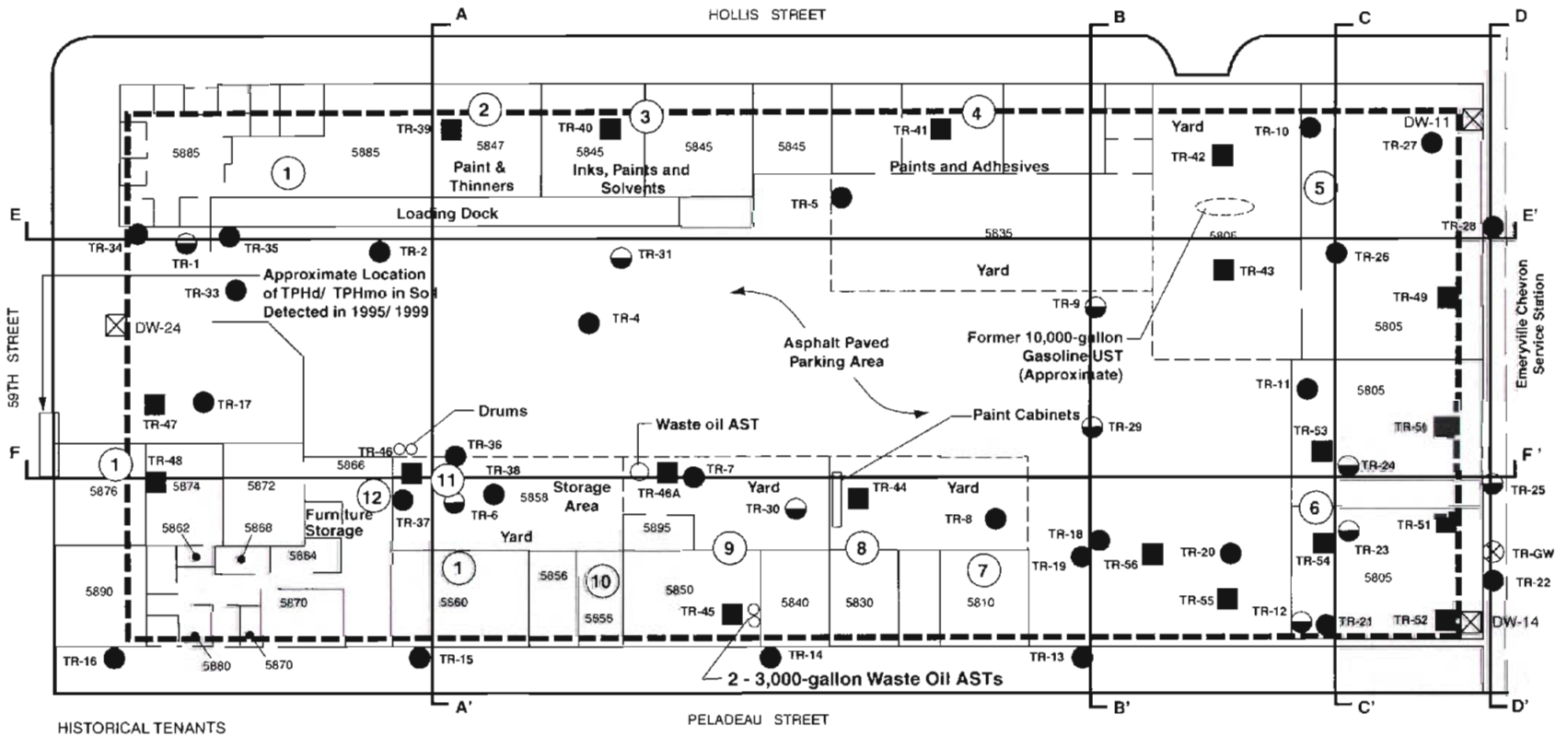
Site: EMERY STATION EAST Engineer: M.HALL

Sounding: TRCPT-09 Date: 2010-03-31 11:27



Max. Depth: 50.033 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)



HISTORICAL TENANTS

1. McLaughlin Coffee
2. BMP Seismic Retrofitting
3. Graphic Traffic
4. Canova Marble
5. S.B. Thomas
6. Pro-Formance Lighting
7. Edy's Candy Kitchen
8. Correris Cabinets
9. Fleetcare Repair
10. TLC Windshield
11. Ellerson Weaver
12. Alpha Furniture Restoration

- Location of Post Excavation Soil Sample at Final Excavation Depth
- Location of Dewatering Wells
- Previous Soil Sample Location
- Previous Soil and Groundwater Samples
- Groundwater Sample
- Approximate Limits of Excavation
- A — A' Cross-Section Location

Note: Site features from Environmental Site Assessment, March 19, 1995 (Weiss Associates). All locations are approximate.

0 40 Feet
Approximate scale

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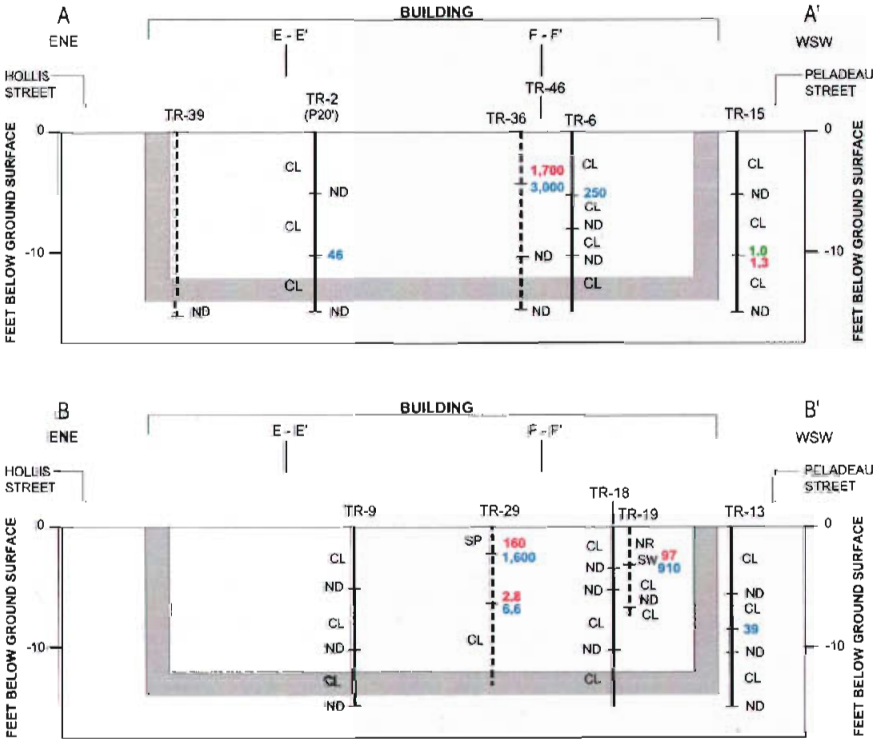
Emeryville, California

CROSS-SECTION LOCATION

Leong Environmental, Inc.

Date 12/13/08 | Project No. 103.001 | Figure 3

ATTACHMENT 6



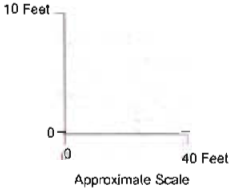
EXPLANATION

- Not Logged; Direct Push or Excavation Confirmation Sample
- CL - Cley
- SP - Poorly-Graded Sands or Gravelly Sands
- SW - Well-Graded Sands or Gravelly Sands
- NR - No Recovery
- TPH - Total Petroleum Hydrocarbons
- mg/kg - Milligrams per Kilogram
- (P20') - Boring Projected 20 Feet
- Soil Sample Analyzed for TPH
- Approximate Excavation Limits-Depth Range Between 12 and 15 Feet Below Ground Surface

Note: upper foot below ground surface typically logged as baserock or sandy material

Only detected concentrations are posted for samples that are not ND for all TPH ranges. Refer to tables for laboratory qualifiers.

- 1.7 - TPH Reported as Gasoline, mg/kg
- 21 - TPH Reported as Diesel, mg/kg
- 2 - TPH Reported as Motor oil, mg/kg
- ND - TPH not Detected in Sample



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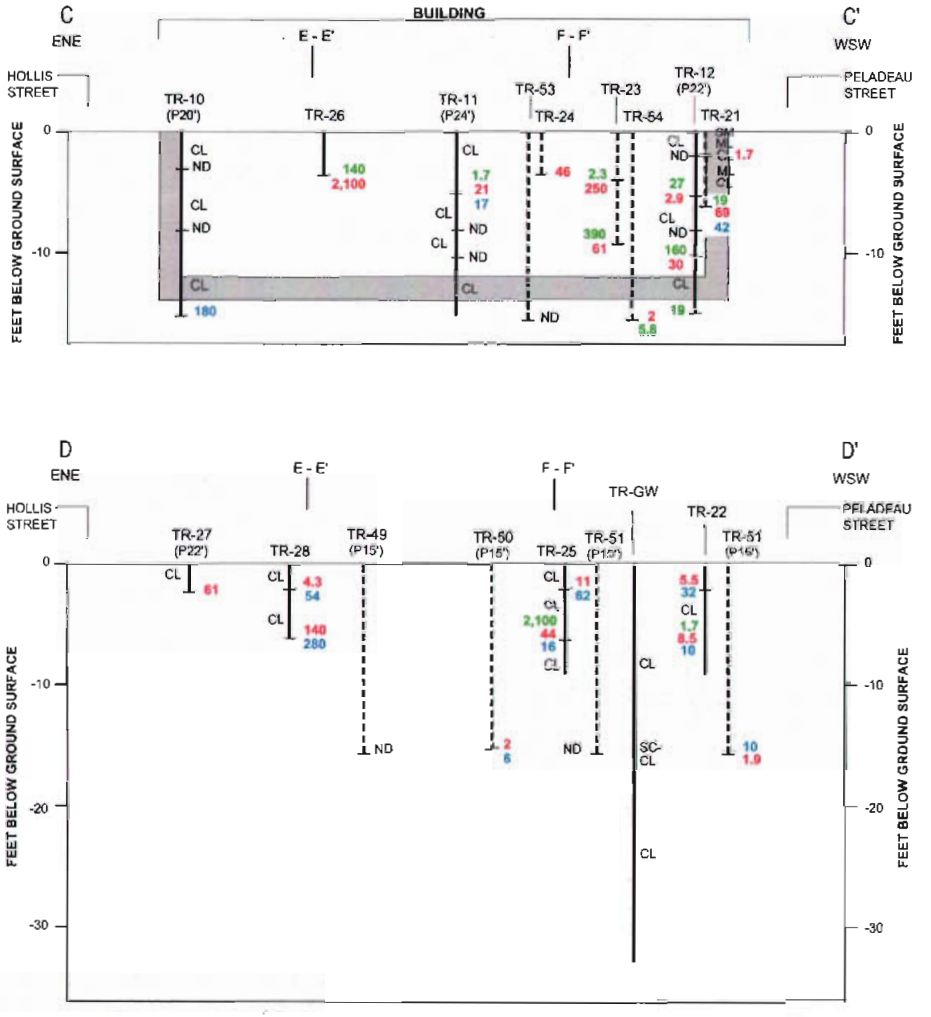
Emeryville, California

IDEALIZED CROSS SECTION A-A' AND B-B'

Leong Environmental, Inc.

Date	Project No.	Figure
12/16/08	103.001	4



EXPLANATION

- Not Logged; Direct Push or Excavation Confirmation Sample
- CL - Clay
- ML - Silt
- SC - Logged as "Sandy Gravelly Clay"
- SM - Silty Sand
- TPH - Total Petroleum Hydrocarbons
- mg/kg - Milligrams per Kilogram
- (P22') - Boring Projected 22 Feet
- Soil Sample Analyzed for TPH
- Approximate Excavation Limits-Depth Range Between 12 and 15 Feet Below Ground Surface

Note: upper foot below ground surface typically logged as baserock or sandy material

Only detected concentrations are posted for samples that are not ND for all TPH ranges. Refer to tables for laboratory qualifiers.

- 1.7 - TPH Reported as Gasoline, mg/kg
- 21 - TPH Reported as Diesel, mg/kg
- 2 - TPH Reported as Motor Oil, mg/kg
- ND - TPH Not Detected in Sample

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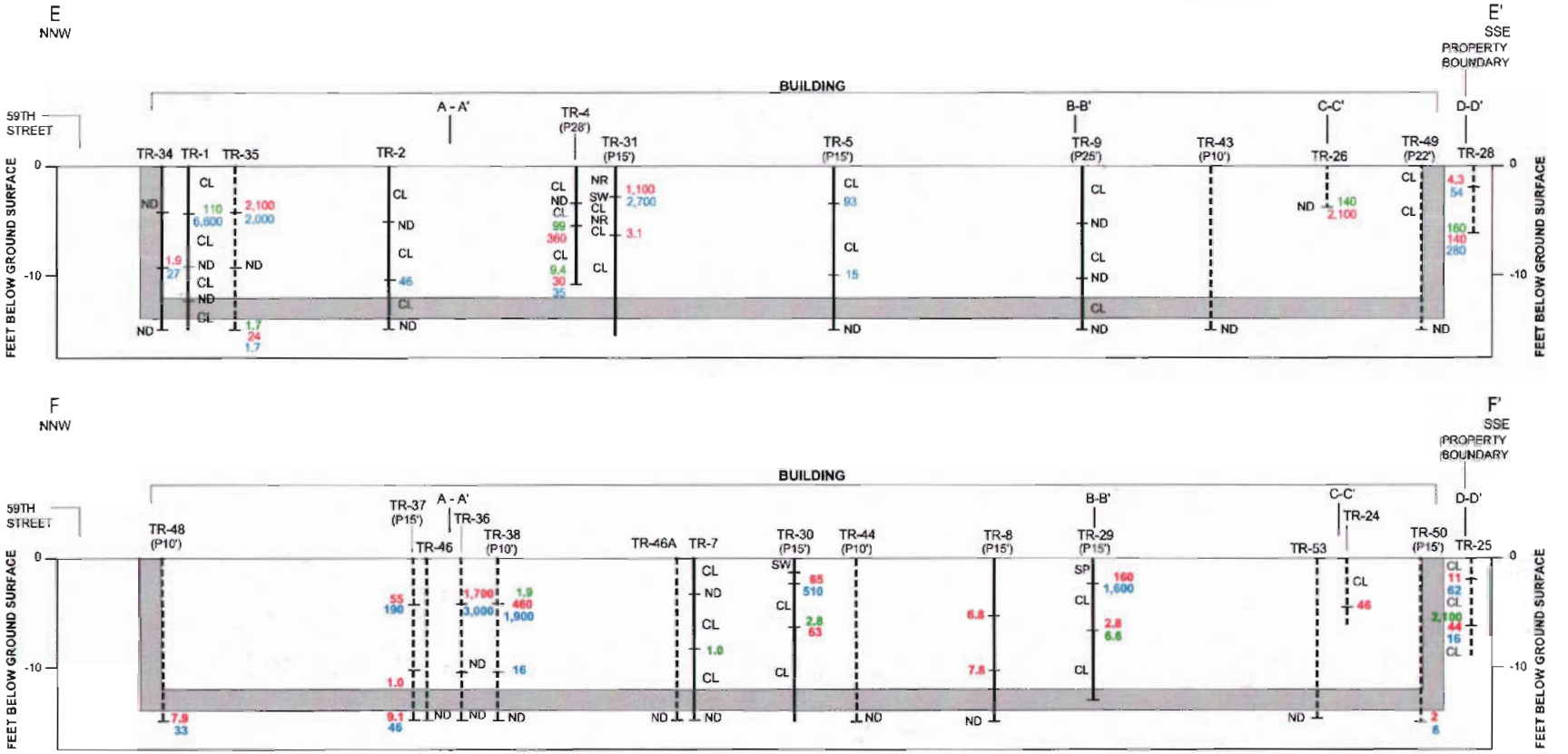
IDEALIZED CROSS SECTION C-C' AND D-D'

Leong Environmental, Inc.

Date	Project No.	Figure
12/16/08	103.001	5



EXPLANATION

- T / ⊥ — Not Logged; Direct Push or Excavation Confirmation Sample
- CL - Clay
- SP - Poorly Graded Sand or Gravelly Sands
- SW - Well Graded Sands or Gravelly Sands
- NR - No Recovery
- TPH - Total Petroleum Hydrocarbons
- mg/kg - Milligrams Per Kilogram
- (P10') - Boring Projected 10 Feet
- — Soil Sample Analyzed for TPH
- Approximate Excavation Limits-Depth Range Between 12 and 15 Feet Below Ground Surface

Note: upper foot below ground surface typically logged as baserock or sandy material

Only detected concentrations are posted for samples that are not ND for all TPH ranges. Refer to tables for laboratory qualifiers.

- 1.7 - TPH Reported as Gasoline, mg/kg
- 21 - TPH Reported as Diesel, mg/kg
- 2 - TPH Reported as Motor Oil, mg/kg
- ND - TPH Not Detected In Sample

10 Feet
0
0
40 Feet
Approximate Scale

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IDEALIZED CROSS SECTION E-E' AND F-F'

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Date 12/16/08 | Project No. 103.001 | Figure 6