

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

December 4, 2008

Mr. Mark Hall
Encinal 14th Street, LLC
1855 Olympic Blvd., Suite 250
Walnut Creek, CA 94596

Mr. Michael Desso
Nestle USA, Inc.
800 North Brand Blvd.
Glendale, CA 91203

Subject: Fuel Leak Case No. RO0002978 and Geotracker Global ID T1000000210, Encinal Property, 1310 14th Street, Oakland, CA 94607

Dear Mr. Hall and Mr. Desso:

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:

- Total petroleum hydrocarbons as gasoline remain in groundwater at concentrations up to 85 ppb.
- MTBE remains in groundwater at concentrations up to 11 ppb.

If you have any questions, please call Jerry Wickham at (510) 567-6791. Thank you.

Sincerely,

Donna L. Drogos, P.E.
LOP and Toxics Program Manager

Mr. Mark Hall
Mr. Michael Desso
RO0002978
December 4, 2008
Page 2

Enclosure: Case Closure Summary

cc: Cherie McCaulou (w/enc), SF- Regional Water Quality Control Board, 1515 Clay Street, Suite 1400
Oakland, CA 94612

Leroy Griffin (w/enc), Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341,
Oakland, CA 94612-2032

Kenneth Cheitlin (w/enc), Hall Equities Group, 1855 Olympic Blvd., Suite 250
Walnut Creek, CA 94596

Jennifer Costanza (w/enc), Nestle USA, Inc., 800 North Brand Blvd.
Glendale, CA 91203

Brent Searcy (w/enc), Environmental Cost Management, 660 Baker Street, Suite 253, Costa Mesa,
CA 92626

Robert Flory (w/enc), AEI Consultants, 2500 Camino Diablo Blvd., Suite 200
Walnut Creek, CA 94597

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

**CASE CLOSURE SUMMARY
SPILLS, LEAKS, INVESTIGATION, AND CLEANUP PROGRAM**

I. AGENCY INFORMATION

Date: September 25, 2008

Agency Name: Alameda County Environmental Health	Address: 1131 Harbor Bay Parkway
City/State/Zip: Alameda, CA 94502-6577	Phone: (510) 567-6791
Responsible Staff Person: Jerry Wickham	Title: Senior Hazardous Materials Specialist

II. CASE INFORMATION

Site Facility Name: Encinal Property		
Site Facility Address: 1310 14 th Street, Oakland, CA 94607		
RB Case No.: ---	Local Case No.: ---	SLIC Case No.: RO0002978
URF Filing Date: ---	Geotracker ID: T10000000210	APN: 5-373-10-3; 5-373-5-1; 5-375-2-1

Responsible Parties	Addresses	Phone Numbers
Mr. Michael Desso Nestle USA, Inc.	800 North Brand Blvd. Glendale, CA 91203	818-549-5746
Mr. Mark Hall Encinal 14 th Street, LLC	1855 Olympic Blvd., Suite 250 Walnut Creek, CA 94596	925-933-4000

Tank I.D. No	Size in Gallons	Contents	Closed In Place/Removed?	Date
T-1	1,500 gallons	Bunker Oil	Removed	11/13/2007
T-2	500 gallons	Unknown	Removed	11/13/2007
T-3	500 gallons	Gasoline	Removed	11/13/2007
T-4	11,406 gallons	Fuel Oil	Removed	11/13/2007
T-5	12,000 gallons	Fuel Oil	Removed	11/2007
Piping			Removed	11/2007

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and Type of Release: Unknown. Tank T-2 had a small pit approximately two inches in size on one side. No visible holes were observed in Tanks T-1, T-3, T-4, and T-5.		
Site characterization complete? Yes	Date Approved By Oversight Agency: ----	
Monitoring wells installed? No	Number: 0	Proper screened interval? ---
Highest GW Depth Below Ground Surface: approximately 10 feet bgs	Lowest Depth: 27 feet bgs	Flow Direction: West Northwest to Northwest
Most Sensitive Current Use: Potential Drinking Water Source		

Summary of Production Wells in Vicinity: One water supply well was located on-site adjacent to former Bunker Oil tank T-1. The water supply well was a 10-inch diameter well with approximately 150 feet of 4-inch diameter production casing and a pump. No records of the well were found during review of the Alameda County Public Works and California Department of Water Resources databases. The unidentified well was found in an underground vault adjacent to bunker oil tank T-1 during excavation activities. The unidentified water supply well was purged and sampled on May 9, 2008. Total petroleum hydrocarbons as gasoline, diesel, motor oil, and bunker oil were not detected in groundwater from the well. Methyl tert butyl ether (MTBE) was detected at a concentration of 11 ppb; all other VOCs were not detectable at their respective detection limits. The unidentified water supply well was decommissioned by grouting from the bottom up in May 2008.

A 55-foot deep irrigation well is located approximately 250 feet east of the site. Based on the upgradient location of the irrigation well, the well is not expected to be a receptor for the site.

A water supply well is located approximately 350 feet east of the site at DeFremery Park. The water supply well was reportedly installed in 1927 and is reported as 120 feet deep with a casing diameter of 2 inches. Based on the crossgradient location of the well, the well is not expected to be a receptor for the site.

An industrial well is located at 1614 Campbell Street, approximately 800 feet west northwest of the site. The industrial well is 200 feet deep. Based on the crossgradient location of the well, the well is not expected to be a receptor for the site.

In 2000, a neighborhood well survey was conducted within the area surrounding the site for Nestle USA. No water supply wells were located during the neighborhood well survey.

Are drinking water wells affected? No	Aquifer Name: East Bay Plain
Is surface water affected? No	Nearest SW Name: San Francisco Bay is approximately 5,000 feet northwest of the site.
Off-Site Beneficial Use Impacts (Addresses/Locations): None	
Reports on file? Yes	Where are reports filed? Alameda County Environmental Health and City of Oakland Fire Department

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/ Destination)	Date
Tanks	T-1 (1,500 gallons) T-2 (500 gallons) T-3 (500 gallons) T-4 (11,406 gallons) T-5 (12,000 gallons)	T-1, T-2, and T-3 were taken to Ecology Control Industries in Richmond, CA for disposal. Tanks T-4 and T-5, which were filled with concrete, were cut into several pieces and disposed as scrap metal.	11/19/2007
Piping	Not reported	Not reported	11/19/2007
Free Product	---	---	---
Soil	1,800 tons	1,800 tons of excavated soil was disposed off-site at Keller Canyon Landfill in Pittsburg, CA	11/27/2007
Groundwater	>21,000 gallons	Water was discharged into sanitary sewer under permit from East Bay Municipal Utility District	11/2007 to 12/2007

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)	5,400	<50	85,000	85
TPH (Diesel)	8,700	<50	120,000	120
TPH (Motor Oil)	21,000	<50	650,000	<500
Benzene	0.018	<0.005	350	<0.5
Toluene	0.83	<0.005	3.7	<0.5
Ethylbenzene	3.2	<0.005	450	<0.5
Xylenes	5.1	<0.005	5.8	1.0
Lead	95	4.7	27	27
Other Metals	120(1)	120(2)	47(3)	47(3)
MTBE	<5	<0.005	11	11
Other Oxygenates	<0.005	<0.005	<0.5	<0.5
Vinyl chloride	<0.005	<0.005	120	<0.5
Other VOCs (8260)	7.1(4)	<0.005	27(5)	Not detected at various detection limits
PCBs	<0.025	<0.025	<0.5	<0.5
SVOCs (8270)	8.0(6)	<0.005	13(7)	<0.5(8)

- 1) Chromium = 120 ppm; copper = 14 ppm; nickel = 48 ppm; cadmium = 0.25 ppm; and zinc = 80 ppm.
- 2) Chromium = 120 ppm; copper = 12 ppm; nickel = 48 ppm; cadmium = <0.25 ppm; and zinc = 37 ppm.
- 3) Chromium = 47 ppb; copper = 17 ppb; nickel = 55 ppb; cadmium = <0.25 ppb; and zinc = 54 ppb.
- 4) n-propyl benzene = 7.1 ppm; 1,2,4-trimethylbenzene = 7.0 ppm; isopropyl benzene = 5.7 ppm; n-butyl benzene = 4.7 ppm; and sec-butyl benzene = 3.4 ppm; all other VOCs not detected at various detection limits.
- 5) 1,2-dichlorobenzene = 27 ppb; 1,2,4-trimethylbenzene = 3.0 ppb; and 1,3,5-trimethylbenzene = 0.82 ppb; all other VOCs not detected at various detection limits.
- 6) Napthalene = 8.0 ppm; no other SVOCs were analyzed.
- 7) Napthalene = 13 ppb; no other SVOCs were analyzed.
- 8) Napthalene <0.5 ppb; no other SVOCs were analyzed.

Site History and Description of Corrective Actions:

This case closure for SLIC case RO0002978 applies only to APN parcels 5-373-10-3, 5-373-5-1, and 5-375-2-1. Investigation and cleanup of these parcels was formerly conducted as part of case RO000018. SLIC case RO0000018 formerly applied to a four city-block area bordered by 16th Street on the north, 14th Street on the south, Poplar Street on the east, and Mandela Parkway on the west. SLIC case RO0000018 now applies only to APN parcel 5-374-1-2, which is the northwestern quadrant of the former four-block site. Case RO0002978 was separated from SLIC case RO0000018 on August 15, 2008 and applies to the eastern half and southwestern quadrant of the four block area. Site investigation activities for SLIC case RO0000018 within APN parcel 5-374-1-2 are currently ongoing in a separate site investigation under the direction of Nestlé USA. Site investigation and cleanup activities within APN parcels 5-373-10-3, 5-373-5-1, and 5-375-2-1 for case RO0002978 have been conducted under the direction of Encinal 14th Street LLC.

A dairy facility was constructed on the site in 1915 with various improvements and additions made between 1946 and 1973. Surrounding land use is commercial and residential. With the exception of a cold storage building in the northeastern quadrant of the site, all buildings were demolished in 2007. During demolition of the buildings, two USTs (Tanks T-1 and T-2) and a water well were discovered. Tank T-1 was an approximately 1,300 gallon vertical UST that was discovered beneath a building in the eastern half of the site. The top of the tank was beneath an underground vault and the tank was in large part below the groundwater level of 12 feet bgs. During building demolition, the top of tank T-1 was breached and an estimated 50 gallons of heavy black residual fuel or bunker fuel was released to the soil. Following the release from Tank T-1, the contents were emptied and surrounding impacted soil was removed to the extent practicable. Tank T-1 was removed in November 2007. Confirmation sidewall soil samples from the T-1 excavation did not detect petroleum hydrocarbons with the exception of 2.1 ppm of xylenes in one soil sample. Bunker oil was initially observed on the surface of water in the excavation. A groundwater sample from the excavation contained TPH as bunker oil and TPH as diesel at concentrations of 2,100 and 1,700 ppb, respectively. The excavation was de-watered several times and then groundwater was re-sampled on December 12, 2007. The second groundwater sample did not contain detectable concentrations of TPH as gasoline, diesel, or bunker oil.

Tank T-2 was a 750-gallon horizontal UST located immediately north of Tank T-1. The UST was dry with no records of the tank contents. No petroleum hydrocarbons or VOCs were detected in a soil sample collected below Tank T-2.

An unidentified water well was found in the underground vault adjacent to bunker oil tank T-1. The well consisted of a 10-inch diameter casing, approximately 150 feet of 4-inch production casing, and a pump. A groundwater sample collected from the water well on May 7, 2008 did not contain TPH as gasoline, diesel, motor oil, or bunker oil at reportable concentrations. MTBE was detected at a concentration of 11 ppb; no other VOCs were present at detectable concentrations. The unidentified water supply well was decommissioned by grouting from the bottom up in May 2008.

Tank T-3 was an approximately 750-gallon horizontal UST located near the center of the site. Although no records of the tank contents or use were found, Tank T-3 was suspected to be a gasoline tank that provided fuel to a former dispenser in the central portion of the site. A soil sample collected below Tank T-3 contained TPH as gasoline and diesel at concentrations of 5,400 and 1,400 ppm, respectively. The area was overexcavated to remove stained soil to a depth below groundwater of 12 feet bgs. Soil samples collected from the sidewalls of the excavation following overexcavation did not contain detectable concentrations of TPH as gasoline, TPH as diesel, TPH as bunker oil, BTEX, or MTBE. A groundwater sample collected from the excavation following overexcavation and dewatering contained TPH as gasoline and TPH as diesel at concentrations of 85 and 92 ppm, respectively. No MTBE or BTEX were reported in the groundwater sample.

Former boiler tanks T-4 and T-5 were located adjacent to the former boiler building and a loading dock for the former cold storage building. Both tanks were reportedly abandoned in place in 1989 by filling with concrete. Tank T-4, which was encased in concrete, was reported to have been placed in service in 1946. Tank T-5, which was a double tar-coated tank, was placed in service in 1977.

Fourteen soil borings were advanced in the area of the former loading dock and cold storage building in September and November 2005. Free product was detected in two of the soil borings and elevated concentrations of TPH as diesel and TPH as motor oil were detected in borings along the south edge of the former loading dock. Former boiler fuel tanks T-4 and T-5 were initially suspected as the source of the petroleum hydrocarbons in the area of the loading dock. However, observations during the removal of Tanks T-4 and T-5 indicated that hydraulic lifts and/or an aboveground hydraulic oil tank along the loading dock were the more likely sources of free product and elevated concentrations of TPH as diesel and TPH as motor oil in this area.

Tanks T-4 and T-5 were removed on November 19, 2007. The tank excavation was significantly expanded to include the loading dock area which was affected by free product from the hydraulic hoists and an additional area to the west that was impacted by gasoline. The source of gasoline contamination appears to be a former dispenser located near borings EB-15 and SB-14. Tank T-3 appears to have been the UST providing gasoline to the former dispenser. The T-4 and T-5 excavation which extended below the groundwater level was dewatered several times. TPH as gasoline and TPH as bunker oil were not detected in the sidewall confirmation soil samples for the excavation; TPH as diesel was detected at a maximum concentration of 11 ppm. A groundwater sample from the excavation did not contain TPH as gasoline or VOCs; TPH as diesel and TPH as bunker oil were detected at concentrations of 210 and 120 ppb, respectively. Following completion of the excavation, two soil borings were advanced to collect groundwater samples outside the former boiler fuel UST excavation (Tanks T-4 and T-5) in order to confirm that the excavation was effective in removing the source of fuel and VOC contamination in this area. TPH and VOCs were not detected in grab groundwater samples from the two soil borings.

A 1911-1912 Sanborn map contained a notation regarding a "110 gallon Gasoline? Drum in Ground" in the central portion of the site. A boring was advanced in this area in 2004 to investigate potential releases from the gasoline drum or tank. Soil and groundwater samples did not contain TPH as gasoline or BTEX. TPH as diesel was detected in one groundwater sample at a concentration of 74 ppb.

Vinyl chloride was detected in two groundwater samples collected in 2004 in the area of Tanks T-4 and T-5. Following removal of the tanks and an expanded excavation in this area, VOCs were not detected at a reporting limit of 0.5 ppb in groundwater samples collected from the excavation and two soil borings adjacent to the excavation.

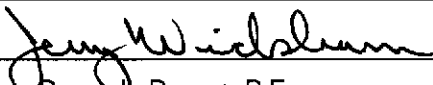
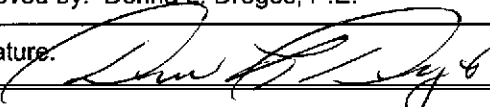
IV. CLOSURE

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: None.		
Should corrective action be reviewed if land use changes? No		
Was a deed restriction or deed notification filed? No		Date Recorded: --
Monitoring Wells Decommissioned: No	Number Decommissioned: 0	Number Retained: 6
List Enforcement Actions Taken: None		
List Enforcement Actions Rescinded: ---		

V. ADDITIONAL COMMENTS, DATA, ETC.

<p>Considerations and/or Variances:</p> <p>None.</p> <p>Conclusion:</p> <p>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 based upon the information available in our files to date. No further investigation or cleanup is necessary. ACEH staff recommend case closure for this site.</p>

VI. LOCAL AGENCY REPRESENTATIVE DATA

Prepared by: Jerry Wickham	Title: Senior Hazardous Materials Specialist
Signature: 	Date: 10/31/08
Approved by: Donna L. Drogos, P.E.	Title: Supervising Hazardous Materials Specialist
Signature: 	Date: 10/31/08

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
RB Response: Concur, based solely upon information contained in this case closure summary.	Date Submitted to RB: 9/25/08
Signature: <i>Cher McCaulou</i>	Date: 12/2/08

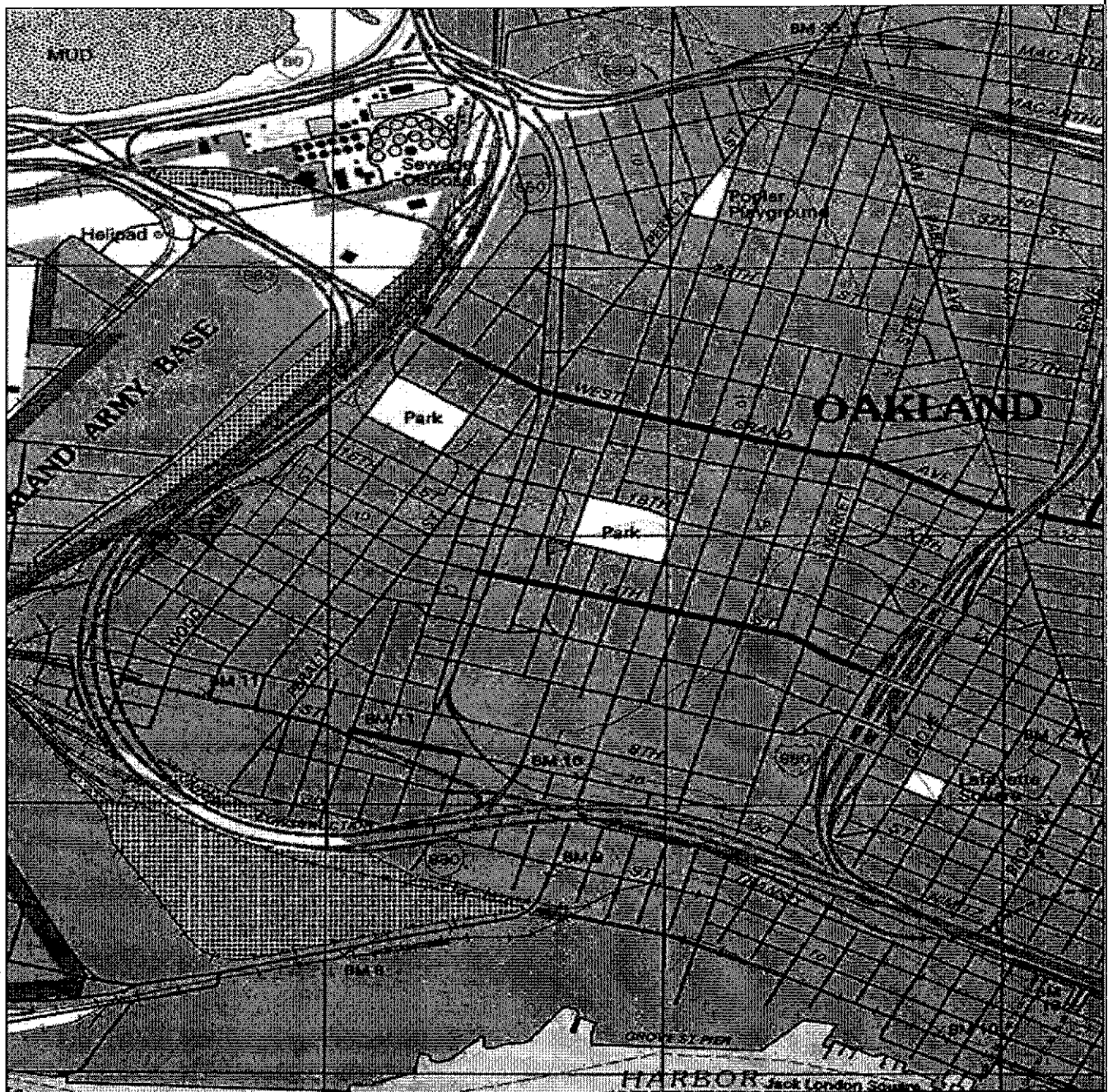
VIII. MONITORING WELL DECOMMISSIONING

Date Requested by ACEH: NA	Date of Well Decommissioning Report: NA	
All Monitoring Wells Decommissioned: NA	Number Decommissioned: 0	Number Retained: 0
Reason Wells Retained: NA		
Additional requirements for submittal of groundwater data from retained wells: NA		
ACEH Concurrence - Signature: <i>Jerry Wiselmann</i>	Date: 12/04/08	

Attachments:

1. Site Location Map (1 page)
2. Site Plans and Boring Location Maps (4 pages)
3. Groundwater Concentration Contour Maps, Cross Sections, and Extent of Excavation (8 pages)
4. Soil Analytical Data (8 pages)
5. Groundwater Analytical Data (8 pages)
6. Boring Logs (25 pages)

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.



TN 15°

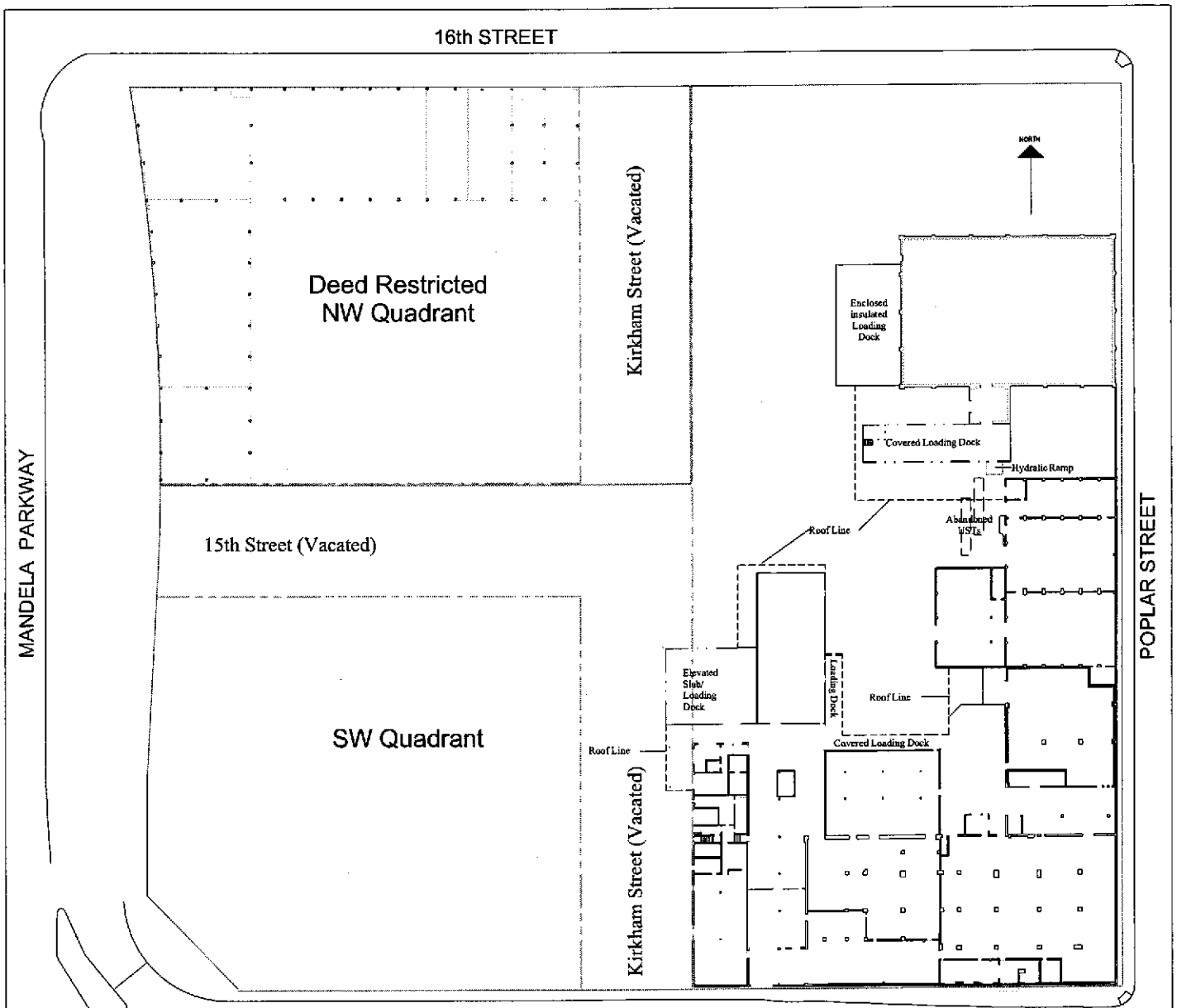
Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

AEI CONSULTANTS
 2500 Camino Diablo, Walnut Creek, CA 94597







SITE LOCATION PLAN

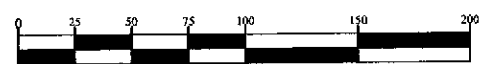
1310 14th Street
 Oakland, California

ATTACHMENT 1

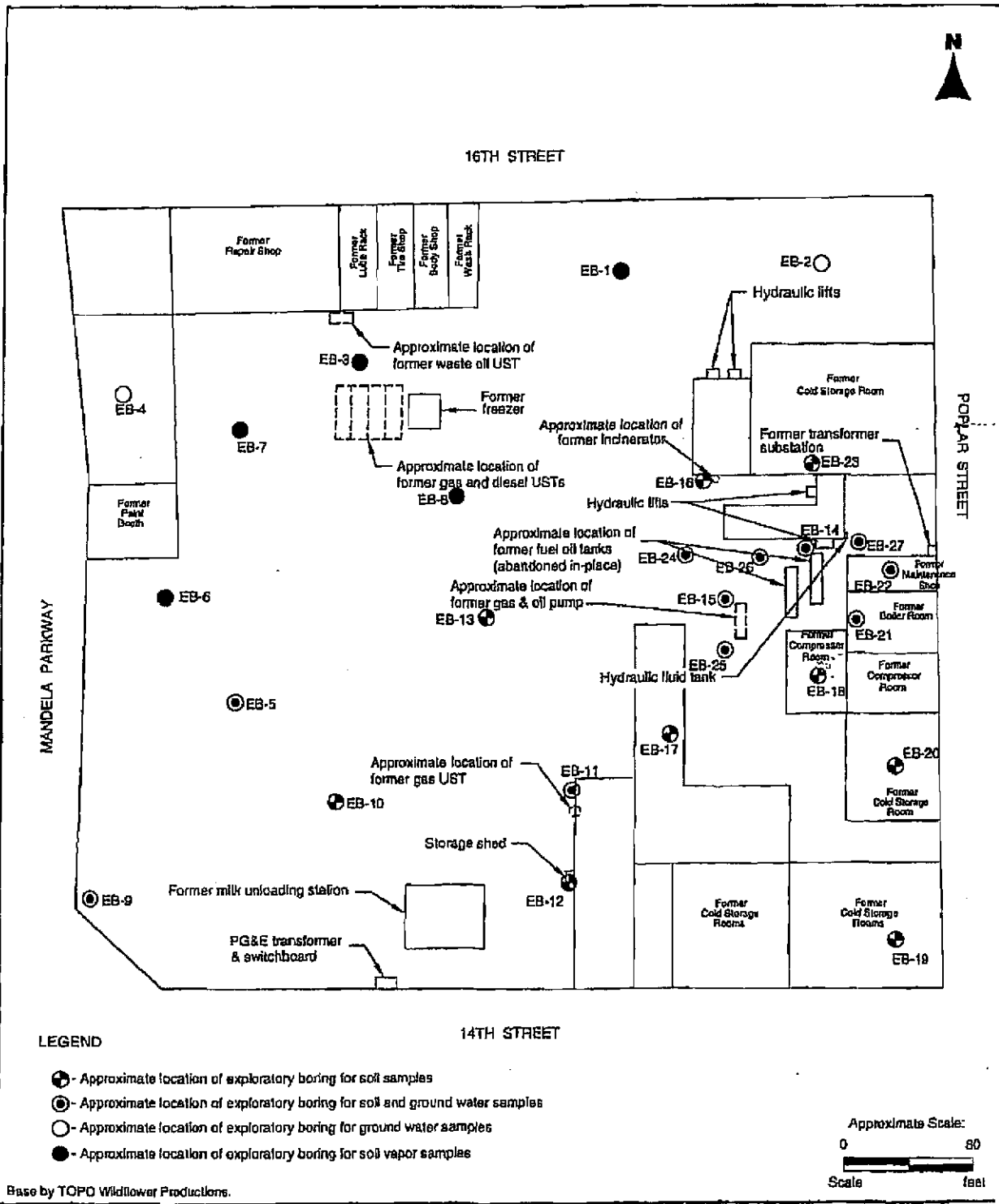


14th STREET

-  Site Boundary
-  Deed Restricted Area
-  Vacated Streets
-  Loading Docks
-  Roof Line Over Loading Docks and Covered Areas
-  Existing Buildings

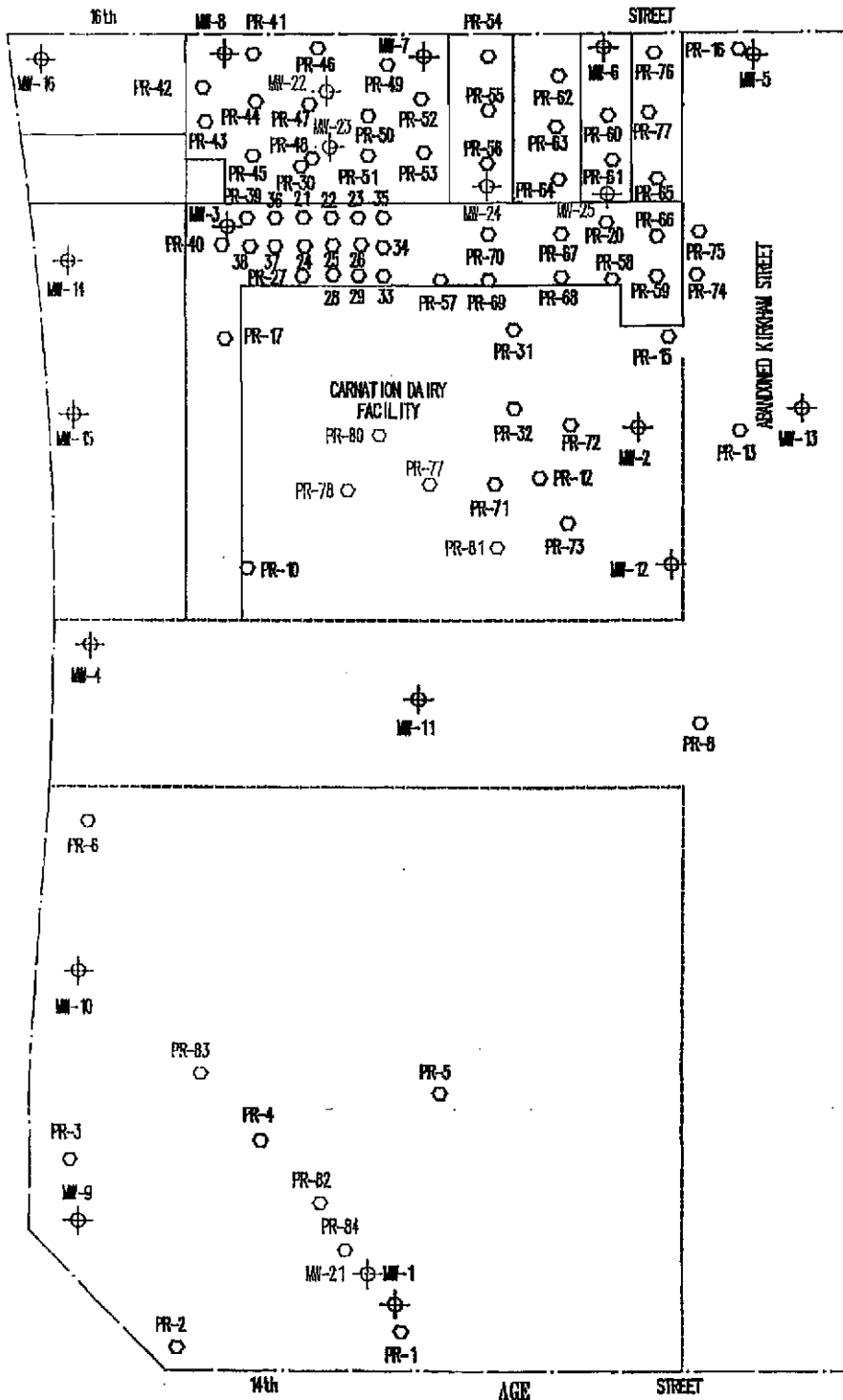
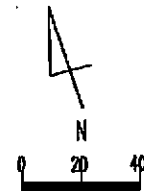


<p>AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK, CA</p>	
<p>SITE PLAN</p>	
<p>1310 14th AVENUE OAKLAND, CALIFORNIA</p>	<p>FIGURE 2 Project No. 273474</p>



SITE PLAN
 1310 FOURTEENTH STREET
 Oakland, California

NOTE: ITEMS IN RED ARE APPROXIMATE LOCATIONS



TITLE: MONITORING WELL AND PRODUCT RECOVERY WELL LOCATIONS		
PROJECT NAME: CARNATION/OKLAND	PROJECT NO: 004-88-050	
SITE LOCATION: 13 TO 14th ST. AT POPLAR OKLAND, CA.		
DATE: 10-9-89	DRAWING NO.: 059-030	SCALE: 1" = 40'

Figure 4

16th STREET

Entrance Gate

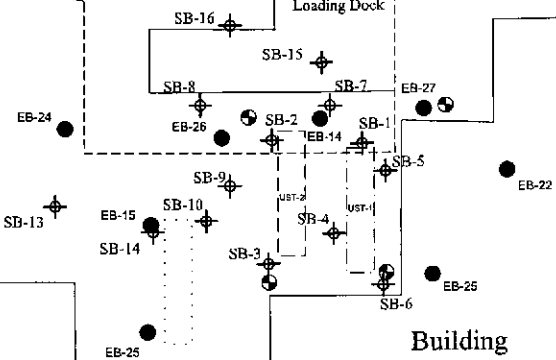


Building

POPLAR STREET

Canopy

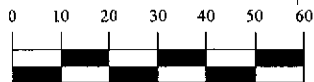
Loading Dock



Building

Building

Building



- Former Well - Anania
- Soil Boring - AEI
- Soil Boring - Lowney
- Proposed Soil Boring

- UST Confirmed with Radar and EM
- UST Possible - poor Radar image area
- Lowney UST Location - no evidence

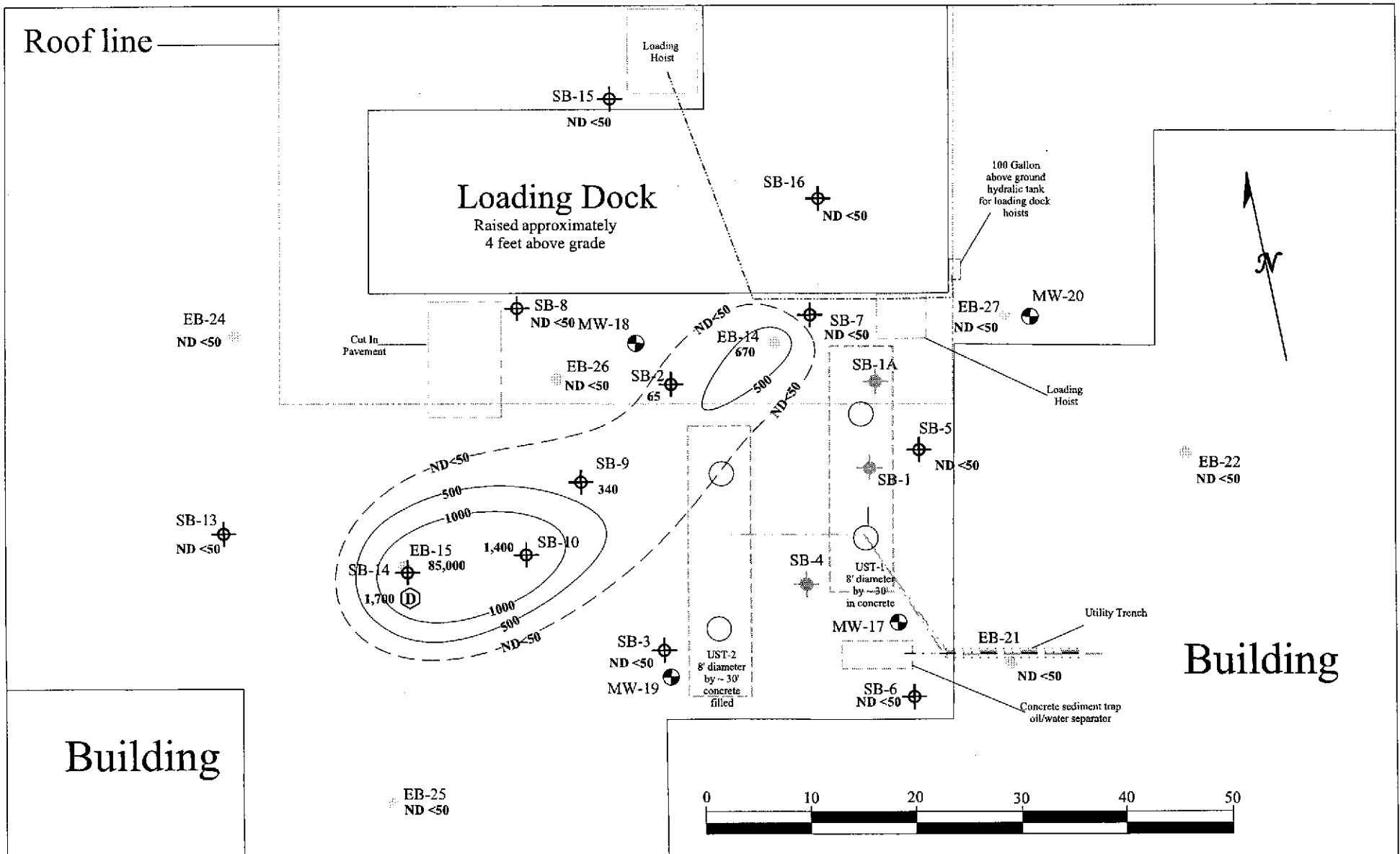
AEI CONSULTANTS





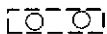

2500 CAMINO DIABLO, SUITE 100, WALNUT CREEK, CA

SITE PLAN

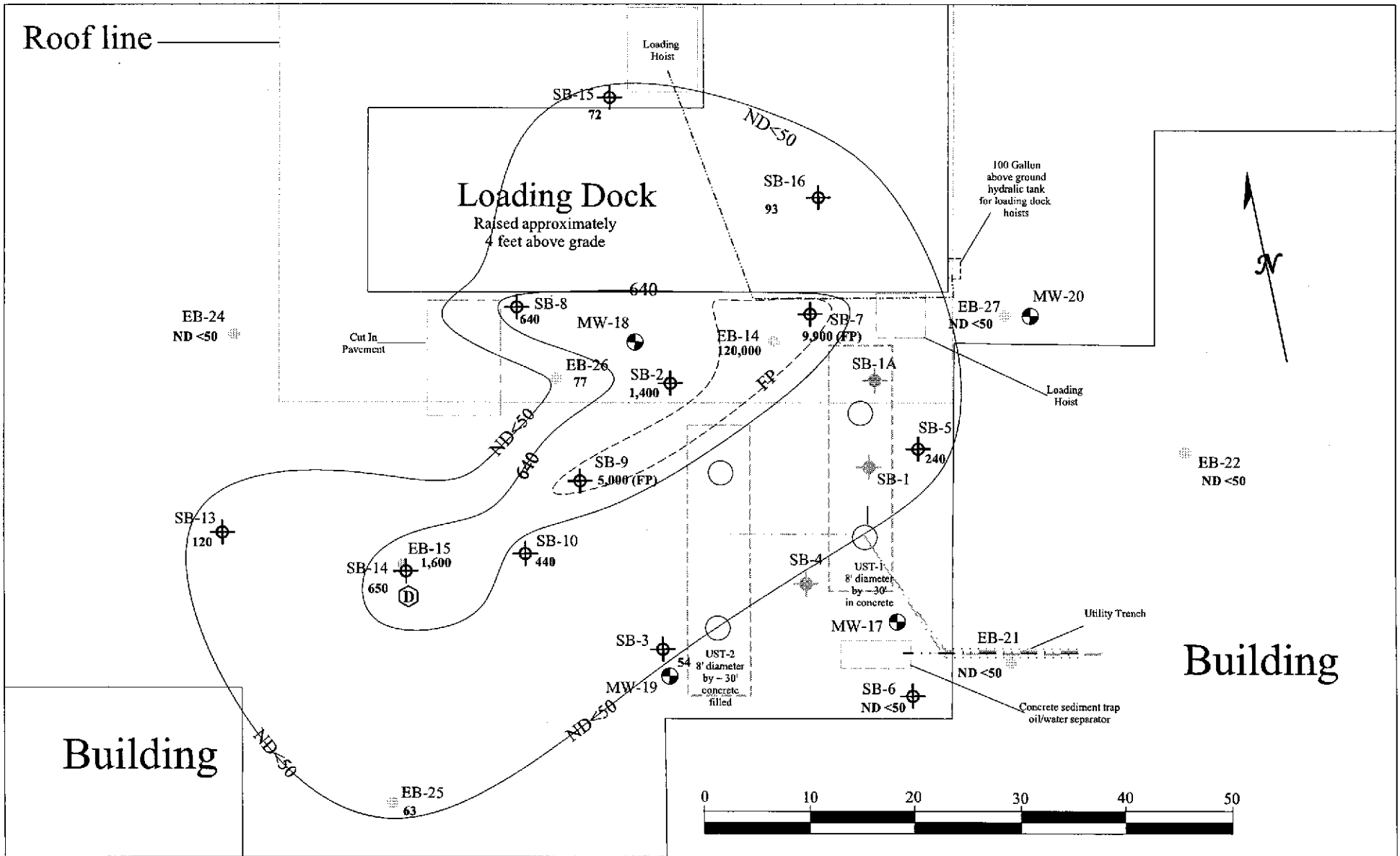
1310 16th AVENUE
OAKLAND, CALIFORNIA






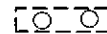

FIGURE 2
Project No. 115184



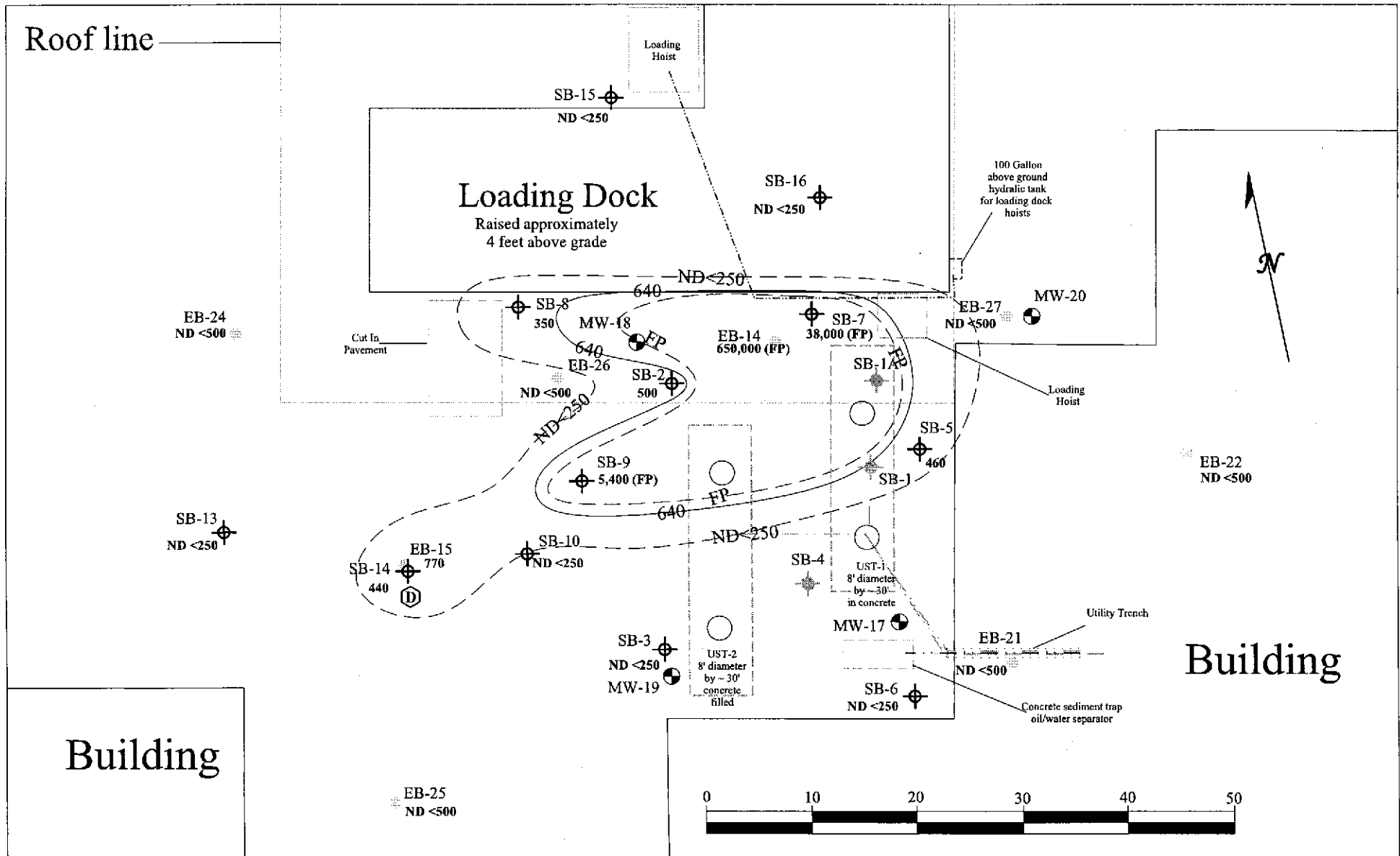
-  Soil boring - AEI 2005
-  Soil boring - shallow refusal - AEI
-  Soil boring - Lowney 2004
- ND <50** Not detected at indicated laboratory detection limit in micrograms per liter
-  Former Well - AGE 1989
-  UST abandoned in place 1989
-  Reported Dispenser Location

AEI CONSULTANTS
 2500 CAMINO DIABLO, WALNUT CREEK, CA
TPH-g Concentrations in Groundwater
ATTACHMENT 3



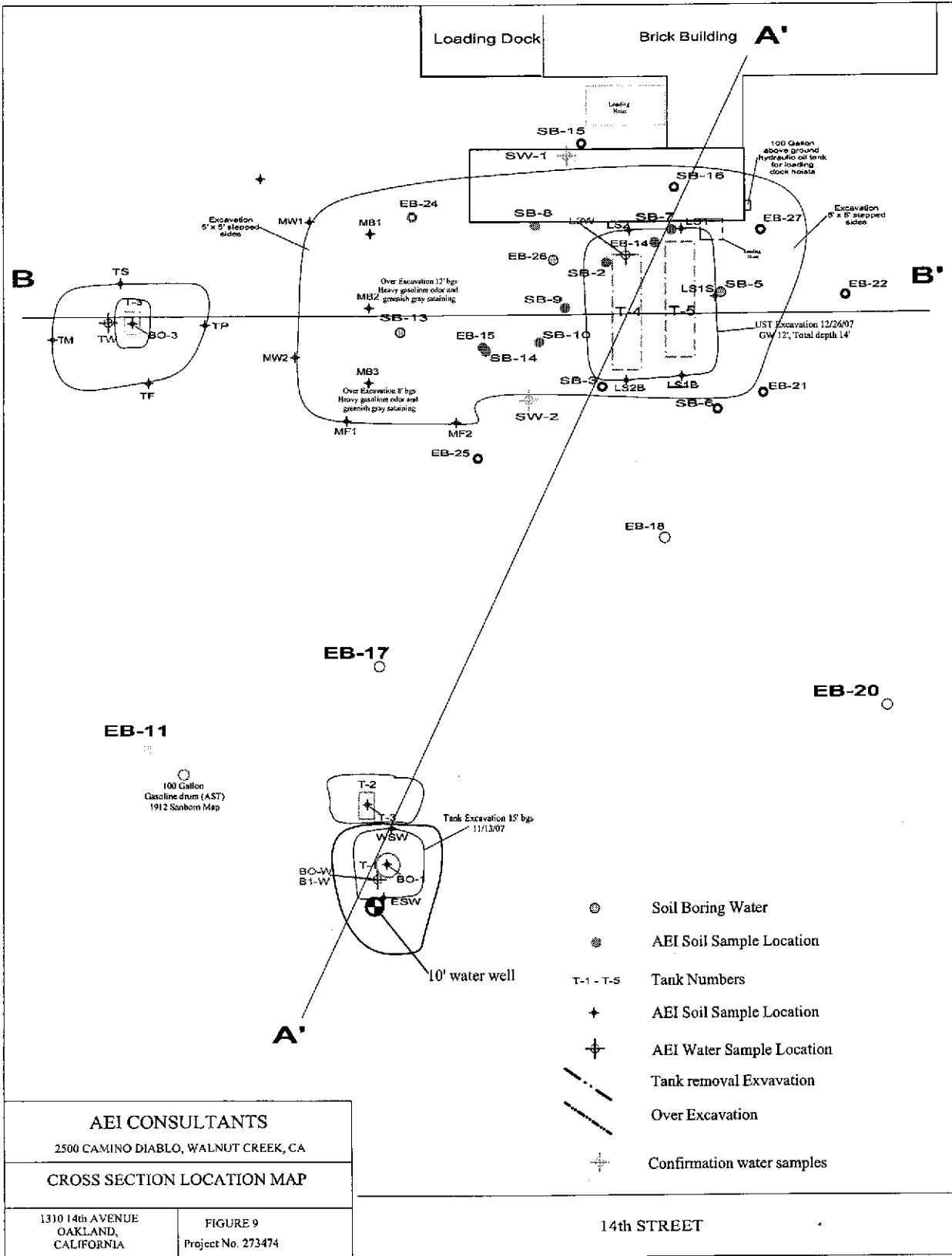
-  Soil boring - AEI 2005
-  Soil boring - shallow refusal - AEI
-  Soil boring - Lowney 2004
-  ND <50 Not detected at indicated laboratory detection limit in micrograms per liter
-  Former Well - AGE 1989
-  UST abandoned in place 1989
-  Reported Dispenser Location

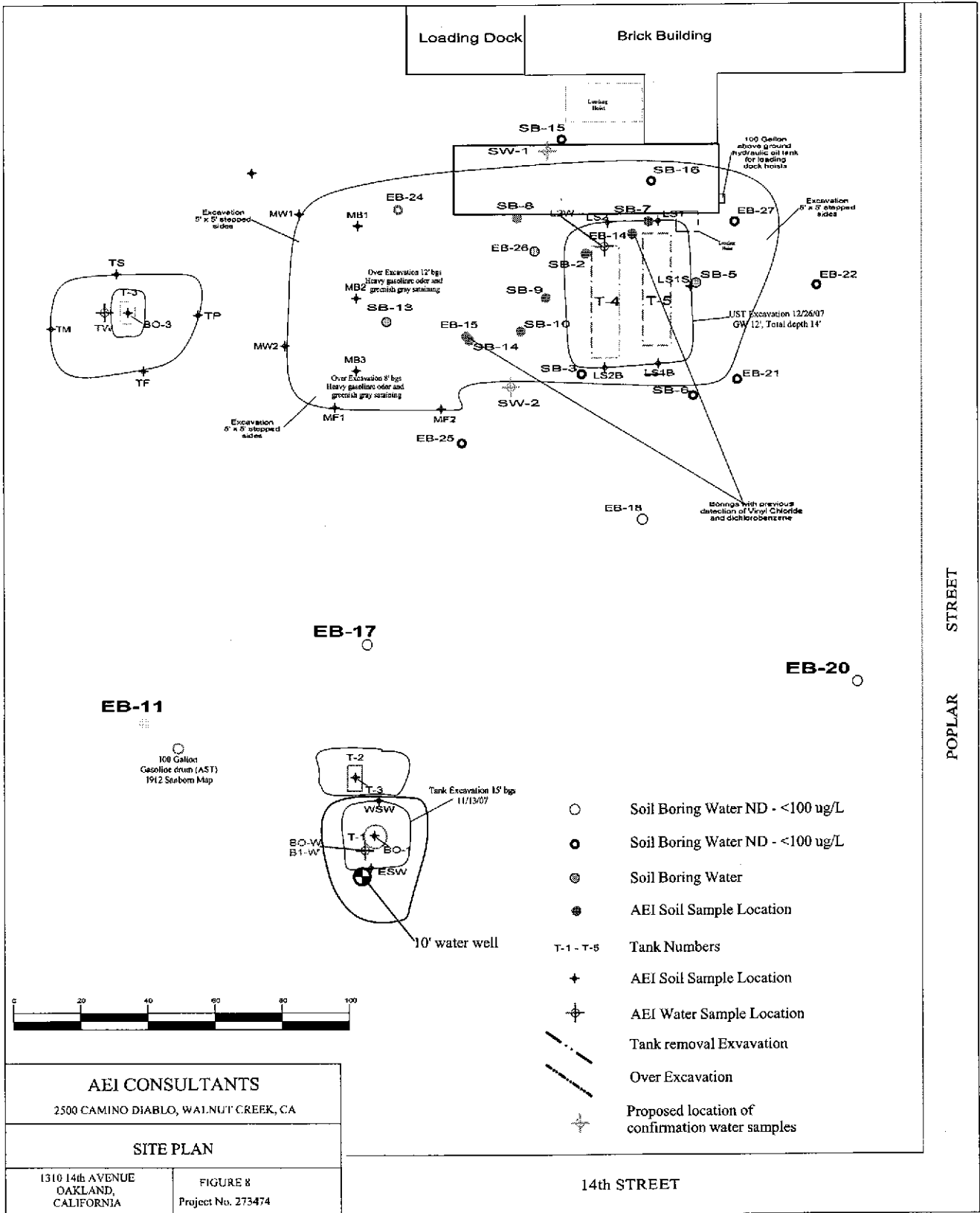
AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK, CA	
TPH-d Concentrations in Groundwater	
1310 14th STREET OAKLAND, CALIFORNIA	FIGURE 6 Project No. 115184

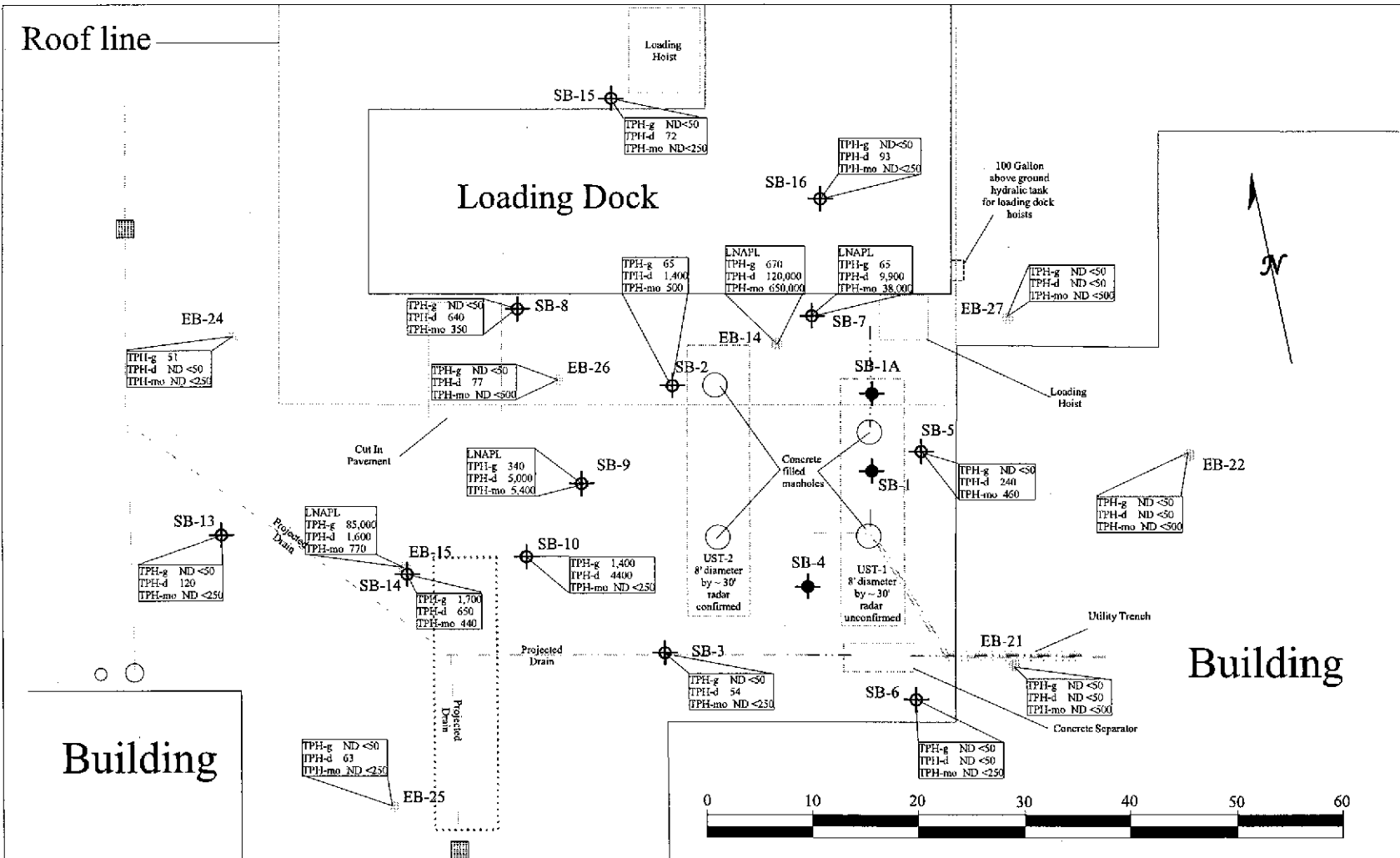


	Soil boring - AEI 2005		Former Well - AGE 1989
	Soil boring - shallow refusal - AEI		UST abandoned in place 1989
	Soil boring - Lowney 2004		Reported Dispenser Location
ND < 250	Not detected at indicated laboratory detection limit in micrograms per liter		

AEI CONSULTANTS 2500 CAMINO DIABLO, WALNUT CREEK, CA	
TPH-mo Concentrations in Groundwater	
1310 14th STREET OAKLAND, CALIFORNIA	FIGURE 7 Project No. 115184







	Soil boring - AEI		UST Confirmed with Radar and EM
	Soil boring - shallow refusal - AEI		UST in vault - poor Radar image area
	Soil boring - Lowney 2004		Lowney UST Location - radar no evidence
TPH-g ND <50 TPH-d 63 TPH-mo ND <250	Hydrocarbon Concentrations in micrograms per liter Total Petroleum Hydrocarbons as gasoline Total Petroleum Hydrocarbons as diesel Total Petroleum Hydrocarbons as motor oil		

AEI CONSULTANTS
2500 CAMINO DIABLO, SUITE 100, WALNUT CREEK, CA

TPH Concentrations in Groundwater

1310 14th STREET OAKLAND, CALIFORNIA	FIGURE 4 Project No. 115184
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Table 2: Lowney Soil Analytical Data (2004)
1310 14th Street, Oakland, CA

Sample ID	Sampling Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
		<i>(EPA method 8015C)</i>			<i>(EPA method 8021B)</i>					
EB-5	4.5-5	2004	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-9	4.5-5	2004	ND<1.0	1.9	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-11	8.5-9	2004	ND<1.0	1.5	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-14	10-10.5	2004	2	3,700	21,000	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-15	1.5-2	2004	610	230	300	ND<0.005	ND<0.005	ND<0.005	0.56	ND<0.005
EB-20	subslab	2004	NA	1,000	11,000	NA	NA	NA	NA	NA
EB-24	5-5.5	2004	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-25	6.5-7	2004	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-26	5.5-6	2004	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-27	4.5-5	2004	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005

TPH-g = Total petroleum hydrocarbons as gasoline
 TPH-d = Total petroleum hydrocarbons as diesel
 TPH-mo = Total petroleum hydrocarbons as motor oil
 MTBE = methyl tertiary butyl ether
 mg/kg = milligrams per kilogram
 RBSL - Risk based screening level

Table 4: Soil Analytical Data
Encinal, 1310 14th Street (1310 16th Street) Oakland, CA

Sample ID	Sampling Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg
		<i>(EPA method 8015C)</i>			<i>(EPA method 8021B)</i>				
SB-1 & SB-1a	09/12/05	Shallow refusal, no soil samples			----	----	----	----	----
SB2-10	09/12/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB3-10	09/12/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB-4 & SB-4a	09/12/05	Shallow refusal, no soil samples			----	----	----	----	----
SB5-10	09/12/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB6-10	09/12/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 7-10	09/29/05	ND<1.0	21	130	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 8-10	09/29/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 9-10	09/29/05	7.3	34	40	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 10-10	09/29/05	1.5	ND<1.0	ND<5.0	ND<0.05	0.018	ND<0.005	0.11	0.016
SB-11 - SB-12	Not drilled								
SB13-10	11/18/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 14	No samples held for analysis								
SB15-10	11/18/05	ND<1.0	ND<1.0	ND<5.0	ND<0.05	ND<0.005	ND<0.005	ND<0.005	ND<0.005
SB 16	Unstable gravel at surface - no soil samples								
RWQCB RBSL		400	500	1000	5.6	0.38	9.3	1.3	1.5

for commercial/industrial sites, soil less than or equal to 3 meters, groundwater not a potential drinking water source.

values in bold exceed soil RBSL

TPH-g = Total petroleum hydrocarbons as gasoline

TPH-d = Total petroleum hydrocarbons as diesel

TPH-mo = Total petroleum hydrocarbons as motor oil

MTBE = methyl tertiary butyl ether

mg/kg = milligrams per kilogram

RBSL - Risk based screening level

**Table 6: Soil Analytical Data
Former Carnation Site, 1310 14th Street Oakland, CA**

Sample ID	Date	TPH-g	TPH-bo	TPH-d	POG	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	Comments	
		Method 8015				Method 8021B/8260						
		mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg
ESW	11/13/07	<1.0	---	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-1 S sidewall sample per OFD	
WSW	11/13/07	<1.0	---	<1.0	<50	<0.05	<0.005	<0.005	<0.005	2.1	T-1 N sidewall sample per OFD	
BO-2	11/13/07	<1.0	---	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-2 Bottom sample per OFD	
TW	12/10/07	5,400	---	1,400	<50	<10	<1.0	<1.0	<1.0	<1.0	T-3 bottom sample per OFD pre-excavation	
TF	12/10/07	<1.0	---	<1.0	---	<0.05	<0.005	<0.005	<0.005	<0.005	T-3 S wall sample following excavation per OFD	
TP	12/10/07	<1.0	---	<1.0	---	<0.05	<0.005	<0.005	<0.005	<0.005	T-3 E sidewall sample following excavation per OFD	
TS	12/10/07	<1.0	---	<1.0	---	<0.05	<0.005	<0.005	<0.005	<0.005	T-3 N sidewall sample following excavation per OFD	
TM	12/10/07	<1.0	---	<1.0	---	<0.05	<0.005	<0.005	<0.005	<0.005	T-3 W sidewall sample following excavation per OFD	
LS1	11/26/07	<50	<50	11	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-4 N sidewall samples tank excavation per OFD	
LS1S	11/26/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-4 E sidewall samples tank excavation per OFD	
LS1B	11/26/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-4 S sidewall samples tank excavation per OFD	
LS2	11/26/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-5 sidewall samples at ends of excavation per OFD	
LS2B	11/26/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	T-5 sidewall samples at ends of excavation per OFD	
MW1	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	West wall, North sample EB-15 excavation per OFD	
MW2	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	West wall, South sample EB-15 excavation per OFD	
MF1	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	South wall, West sample EB-15 excavation per OFD	
MF2	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	South wall, East sample EB-15 excavation per OFD	
MB1	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	North bottom sample EB-15 excavation per OFD	
MB2	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	Center bottom sample EB-15 excavation per OFD	
MB3	11/29/07	<50	<50	<1.0	<50	<0.05	<0.005	<0.005	<0.005	<0.005	South bottom sample EB-15 excavation per OFD	

Table 6: Soil Analytical Data
Former Carnation Site, 1310 14th Street Oakland, CA

Sample ID	Date	TPH-g	TPH-bo	TPH-d	POG	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	Comments
		Method 8015				Method 8021B/8260					
		mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Stock Pile Samples											
STK 1234	11/13/07	<1.0	----	19	<50	<0.05	<0.005	<0.005	<0.005	<0.005	Stockpile
STK 5678	11/13/07	610	----	8,700	14,000	<0.05	<0.005	0.83	1.0	5.1	Stockpile
STK 5678a	11/13/07	730	----	370	<50	<0.05	<0.005	<0.005	1.0	2.8	Stockpile
LST1234	11/26/07	ND	<50	22	540	<0.05	<0.005	<0.005	<0.005	<0.005	Stockpile
LSTB1234	11/26/07	ND	<50	6.6	220	<0.05	<0.005	<0.005	<0.005	<0.005	Stockpile
LST5678	11/26/07	1,200	<50	1,200	2,700	<5.0	<0.50	<0.50	3.2	2.4	Stockpile
LSTB5678	11/26/07	380	<50	240	700	<2.5	<0.25	<0.25	1.6	1.1	Stockpile
Soil > 3 meters (9.86 ft)											
Comm/Ind ESL		83	5,000	83	5,000	0.023	0.044	29	3.3	2.3	
Drinking water											

Notes:

* - Analysis by Method 8260

mg/kg = milligrams per kilogram

Table 7: Soil Analytical Data - Method 8260
Former Carnation Site, 1310 14th Street Oakland, CA

Well Number	Date	n-butyl benzene	sec-butyl benzene	Ethyl benzene	isopropyl benzene	isopropyl toluene	Napthalene	n-propyl benzene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes	Other Analytes
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
ESW	11/13/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
WSW	11/13/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
BO-2	11/13/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
BO-3	11/13/07	4.7	3.4	1.1	5.7	<33	8.0	7.1	ND	7.0	ND	ND	All ND
LS1	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LS1S	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LS1B	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LS2	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LS2B	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
MW1	11/29/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
MW2	11/29/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
MF1	11/29/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
MF2	11/29/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
STK 1234	11/13/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
STK 5678	11/13/07	1.0	0.87	ND	1.5	0.34	3.0	1.6	<0.005	<0.005	<0.005	<0.005	All ND
STK 5678a	11/13/07	<0.005	<0.005	<0.005	<0.005	<0.005	10	<0.005	<0.005	2.5	0.60	1.7	All ND
LST1234	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LSTB1234	11/26/07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	All ND
LST5678	11/26/07	2.4	0.73	2.2	1.9	<0.10	4.00	2.4	<0.10	<0.10	0.60	0.53	All ND
LSTB5678	11/26/07	0.92	0.4	0.91	0.87	<0.10	2.6	1.2	<0.10	<0.10	0.44	0.27	All ND

Notes:

µg/L = micrograms per liter (parts per billion)

---- = not sampled or not analyzed

ND = not detected

1,2,4-TMB = 1,2,4-trimethylbenzene

1,3,5-TMB = 1,3,5-trimethylbenzene

Table 1: Lowney Soil Analytical Data (2004)
Hall Equities, 1310 14th Street (1310 16th Street) Oakland, CA

Sample ID	Sampling Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
		mg/kg <i>(EPA method 8015C)</i>	mg/kg <i>(EPA method 8015C)</i>	mg/kg <i>(EPA method 8015C)</i>	mg/kg <i>(EPA method 8021B)</i>	mg/kg <i>(EPA method 8021B)</i>	mg/kg <i>(EPA method 8021B)</i>	mg/kg <i>(EPA method 8021B)</i>	mg/kg <i>(EPA method 8021B)</i>
EB-14	02/10/04	2	3,700	21,000	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-15	02/10/04	610	230	300	ND<0.005	ND<0.005	ND<0.005	0.56	ND<0.005
EB-24	02/17/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-25	02/17/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-26	02/17/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
EB-27	02/17/04	ND<1.0	ND<1.0	ND<50	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005
RWQCB RBSL		400	500	1000	5.6	0.38	9.3	1.3	1.5

for commecial/industrial sites, soul less than or equal to 3 meters, groundwater not a potential drinking water source.

values in bold exceed soil \RBSL

TPH-g = Total petroleum hydrocarbons as gasoline

TPH-d = Total petroleum hydrocarbons as diesel

TPH-mo = Total petroleum hydrocarbons as motor oil

MTBE = methyl tertiary butyl ether

mg/kg = milligrams per kilogram

RBSL - Risk based screening level

Table 8 Soil Analytical Data - Metals
Former Carnation Site, 1310 14th Street Oakland, CA

Analyte	Sample ID									
	ESW	WSW	BO-2	BO-3	LS1	LS1S	LS1B	LS2	LS2B	MW1
	11/13/07	11/13/07	11/13/07	11/13/07	11/26/07	11/26/07	11/26/07	11/26/07	11/26/07	11/29/07
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	2.9	2.8	3.8	2.8	2.2	2.9	5.4	1.3	3.1	3.3
Barium	62	72	81	75	79	92	140	86	62	83
Beryllium	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	ND	ND	ND
Cadmium	<0.25	<0.25	<0.25	<0.25	ND	ND	ND	ND	ND	ND
Chromium	47	51	43	42	47	55	61	120	48	45
Cobalt	5.2	6.2	6.4	6.2	7.0	9.8	7.4	4.5	7	6.4
Copper	10	8.6	11	9.2	9.9	12	11	7.9	9.5	7.7
Lead	3.5	3.2	3.6	3.3	3.5	4.6	3.7	4.7	3.4	3.6
Mercury	<0.05	0.052	<0.05	<0.05	<0.05	<0.05	<0.05	0.055	<0.05	<0.05
Molybdenum	<0.5	<0.5	<0.5	<0.5	ND	0.54	ND	ND	ND	ND
Nickel	37	43	46	40	40	41	45	34	41	46
Selenium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	35	36	38	33	35	39	42	26	36	38
Zinc	32	29	29	28	33	37	37	29	30	31

Table 8 Soil Analytical Data - Metals
Former Carnation Site, 1310 14th Street Oakland, CA

Analyte	Sample ID									
	MW2	MF1	MF2	LST1234	LSTB1234	LST5678	LSTB5678	STK 1234	STK 5678	STK 5678a
	11/29/07	11/29/07	11/29/07	11/26/07	11/26/07	11/26/07	11/26/07	11/13/07	11/13/07	11/13/07
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Antimony	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Arsenic	2.6	3.1	3.3	4.6	3.6	2.8	2.5	1.8	2.5	2.5
Barium	62	72	76	94	74	86	64	48	68	62
Beryllium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	<0.25	<0.25	<0.25	0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chromium	43	44	51	42	59	49	44	32	43	46
Cobalt	5.7	6.5	7.3	7.7	5.5	6.6	5.6	3.8	5.3	6.6
Copper	5.4	6.8	7.9	14	12	10	8.4	7.1	9.6	8.1
Lead	2.7	3.2	3.5	95	41	23	6.8	10	34	3.3
Mercury	<0.05	<0.05	<0.05	0.064	0.067	<0.05	<0.05	<0.05	<0.05	<0.05
Molybdenum	<0.5	<0.5	<0.5	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Nickel	36	41	48	30	36	36	38	25	34	36
Selenium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Silver	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	30	34	37	43	37	36	30	21	30	31
Zinc	24	28	31	80	53	45	28	27	57	55

**Table 4: Groundwater Analytical Data
Hall Equities, 1310 14th Street (1310 16th Street) Oakland, CA**

Sample ID	Sampling Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
		<i>(EPA method 8015C)</i>			<i>(EPA method 8021B)</i>				
SB-1 & SB-1a	09/12/05	Shallow refusal, no water samples			---	---	---	---	---
SB-2-W19	09/12/05	65	1,400	500	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB-3-W19	09/12/05	ND<50	54	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB-4 & SB-4a	09/12/05	Shallow refusal, no water samples			---	---	---	---	---
SB-5-W19	09/12/05	ND<50	240	460	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB-6-W19	09/12/05	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB 7- W	09/29/05	ND<50	9,900¹	38,000	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB-8 W	09/29/05	ND<50	640	350	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB-9 W	09/29/05	340	5,000¹	5,400	ND<5.0	1.0	ND<0.5	ND<0.5	ND<0.5
SB-10 W	09/29/05	1400	440	ND<250	ND<5.0	23	0.87	130	18
SB-11 - SB-12	Not drilled								
SB13-W-20	11/18/05	ND<50	120	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB14-W-20	11/18/05	1,700	650	440	ND<5.0	37	1.8	67	7.8
SB15-W-20	11/18/05	ND<50	72	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
SB16-W-20	11/18/05	ND<50	92	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5
RWQCB RBSL		500	640	640	1800	46	130	290	13

for commercial/industrial sites, groundwater not a potential drinking water source.
values in bold exceed soil \RBSL

1 = lighter than water immiscible sheen/product is present
 TPH-g = Total petroleum hydrocarbons as gasoline
 TPH-d = Total petroleum hydrocarbons as diesel
 TPH-mo = Total petroleum hydrocarbons as motor oil
 MTBE = methyl tertiary butyl ether
 µg/L = micrograms per liter (ppb)

Table 3: Lowney Groundwater Analytical Data (2004)
1310 14th Street, Oakland, CA

Sample ID	Sampling Date	TPH-g	TPH-d	TPH-mo	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	Vinyl chloride	1,2-Dichloro-benzene
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
<i>(EPA method 8015C)</i>				<i>(EPA method 8021B)</i>					<i>(EPA method 8260)</i>		
EB-2	2004	ND<50	54	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-4	2004	ND<50	53	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-5	2004	ND<50	ND<50	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-9	2004	ND<50	58	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-11	2004	ND<50	74	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-14	2004	670	120,000	650,000	ND<0.5	0.74	3.7	1.6	5.8	12	ND<2
EB-15	2004	85,000	1,600	770	ND<0.5	350	ND <100	450	ND <200	120	27
EB-21	2004	ND<50	ND<50	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.0	ND<0.5	ND<0.5
EB-22	2004	ND<50	ND<50	ND<500	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
EB-24	2004	51	ND<50	ND<500	ND<5.0	0.70	ND<0.5	ND<0.5	ND<0.5	NA	NA
EB-25	2004	ND<50	63	ND<500	ND<5.0	0.70	ND<0.5	ND<0.5	ND<0.5	NA	NA
EB-26	2004	ND<50	77	ND<500	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA	NA
EB-27	2004	ND<50	ND<50	ND<500	ND<0.5	ND<0.5	ND<0.5	0.54	ND<0.5	NA	NA

TPH-g = Total petroleum hydrocarbons as gasoline
 TPH-d = Total petroleum hydrocarbons as diesel
 TPH-mo = Total petroleum hydrocarbons as motor oil
 MTBE = methyl tertiary butyl ether
 µg/L = micrograms per liter (ppb)

Table 9 Groundwater Analytical Data
Former Carnation Site, 1310 14th Street Oakland, CA

Sample ID	Sample Date	TPH-g	TPH-bo	TPH-d	POG	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	Tank Excavation
		<i>EPA Method 8015</i>				<i>EPA Method 8021B</i>					
		(µg/L)		(µg/L)	(mg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
BO-W	11/13/07	130	2,100	1,700	7.9	<5.0	<0.5	<0.5	<0.5	<0.5	T-1
B1-W	12/12/07	<50	<250	<50	---	---	---	---	---	---	T-1
TW		85	---	92	---	<5.0	<0.5	<0.5	<0.5	<0.5	T-3
L2W	11/27/07	<50	210 (90)	120	<5.0	<5.0	<0.5	<0.5	<0.5	<0.5	T-4/T-5

Notes

* = by Method 8260B 8260B

TPH-g = total petroleum hydrocarbons as gasoline - C6-C12

TPH-bo = total petroleum hydrocarbons as bunker oil - C10+

TPH-d = total petroleum hydrocarbons as diesel C10-C23

ND = not detected

MTBE = Methyl tertiary butyl Ether

µg/L = micrograms per liter (parts per billion)

----- = not sampled or not analyzed

Table 10 Groundwater Analytical Data - Method 8260
Former Carnation Site, 1310 14th Street Oakland, CA

	Date	n-butyl benzene	sec-butyl benzene	Ethyl benzene	isopropyl benzene	isopropyl toluene	Napthalene	n-propyl benzene	Toluene	1,2,4-TMB	1,3,5-TMB	Xylenes	All Other Analytes
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
BO-W	11/13/07	<0.5	<0.5	<0.5	<0.5	<0.5	13	<0.5	0.58	3.0	0.82	1.1	All ND
L2W	11/27/07	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	

Notes:

µg/L = micrograms per liter (parts per billion)

---- = not sampled or not analyzed

ND = not detected

1,2,4-TMB = 1,2,4-trimethylbenzene

1,3,5-TMB = 1,3,5-trimethylbenzene

Table 11

Water Analytical Data - Metals

Former Carnation Site, 1310 14th Street Oakland, CA

Analyte	Sample ID	
	BO-W	L2W
	11/13/07	11/27/07
	µg/L	
Antimony	<0.5	ND
Arsenic	<0.5	4.1
Barium	130	340
Beryllium	<0.5	ND
Cadmium	<0.25	ND
Chromium (Total)	<0.5	47
Cobalt	4.2	11
Copper	0.78	17
Lead	<0.5	27
Mercury	<0.012	0.47
Molybdenum	<0.5	0.95
Nickel	22.0	55
Selenium	<0.5	0.61
Silver	<0.19	ND
Thallium	<0.5	ND
Vanadium	<0.5	37
Zinc	<5.0	54



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AEI Consultants

2500 Camino Diablo, Ste. #200

Walnut Creek, CA 94597

Client Project ID: #277205; Encinal
14th Street

Client Contact: Robert Flory

Client P.O.:

Date Sampled: 02/22/08

Date Received: 02/22/08

Date Extracted: 02/26/08

Date Analyzed: 02/26/08

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0802550

Lab ID	0802550-001B						
Client ID	SW-1						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amvl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.2
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	102
%SS3:	99		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

b) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm.



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Telephone: 877-252-9262 Fax: 925-252-9269

AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #277205; Encinal 14th Street	Date Sampled: 02/22/08
	Client Contact: Robert Flory	Date Received: 02/22/08
	Client P.O.:	Date Extracted: 02/26/08
		Date Analyzed: 02/26/08

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0802550

Lab ID	0802550-002A						
Client ID	SW-2						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	22	1.0	10	Acrolein (Propenal)	ND	1.0	5.0
Acrylonitrile	ND	1.0	2.0	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	2-Chloroethyl Vinyl Ether	ND	1.0	1.0
Chloroform	ND	1.0	0.5	Chloromethane	ND	1.0	0.5
2-Chlorotoluene	ND	1.0	0.5	4-Chlorotoluene	ND	1.0	0.5
Dibromochloromethane	ND	1.0	0.5	1,2-Dibromo-3-chloropropane	ND	1.0	0.2
1,2-Dibromoethane (EDB)	ND	1.0	0.5	Dibromomethane	ND	1.0	0.5
1,2-Dichlorobenzene	ND	1.0	0.5	1,3-Dichlorobenzene	ND	1.0	0.5
1,4-Dichlorobenzene	ND	1.0	0.5	Dichlorodifluoromethane	ND	1.0	0.5
1,1-Dichloroethane	ND	1.0	0.5	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5
1,1-Dichloroethene	ND	1.0	0.5	cis-1,2-Dichloroethene	ND	1.0	0.5
trans-1,2-Dichloroethene	ND	1.0	0.5	1,2-Dichloropropane	ND	1.0	0.5
1,3-Dichloropropane	ND	1.0	0.5	2,2-Dichloropropane	ND	1.0	0.5
1,1-Dichloropropene	ND	1.0	0.5	cis-1,3-Dichloropropene	ND	1.0	0.5
trans-1,3-Dichloropropene	ND	1.0	0.5	Diisopropyl ether (DIPE)	ND	1.0	0.5
Ethylbenzene	ND	1.0	0.5	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5
Freon 113	ND	1.0	10	Hexachlorobutadiene	ND	1.0	0.5
Hexachloroethane	ND	1.0	0.5	2-Hexanone	ND	1.0	0.5
Isopropylbenzene	ND	1.0	0.5	4-Isopropyl toluene	ND	1.0	0.5
Methyl-t-butyl ether (MTBE)	ND	1.0	0.5	Methylene chloride	ND	1.0	0.5
4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5	Naphthalene	ND	1.0	0.5
Nitrobenzene	ND	1.0	10	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	102
%SS3:	100		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm.



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AEI Consultants 2500 Camino Diablo, Ste. #200 Walnut Creek, CA 94597	Client Project ID: #273474; Carnation	Date Sampled: 05/09/08
		Date Received: 05/09/08
	Client Contact: Robert Flory	Date Extracted: 05/12/08
	Client P.O.:	Date Analyzed 05/12/08

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

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0805261

Lab ID	0805261-001B						
Client ID	WP-1						
Matrix	Water						
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Tetrachloride	ND	1.0	0.5
Carbon Disulfide	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	11	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	ND	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	106	%SS2:	99
%SS3:	103		

Comments:

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

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

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

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; J) analyte detected below quantitation limits; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative; q) reported in ppm.

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-1
 Sheet 1 of 1

Date(s) Drilled September 12, 2005	Logged By Robert F. Flory	Checked By Adrian Angel
Drilling Method Direct Push	Drill Bit Size/Type	Total Depth of Borehole 3 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) None	Permit # W2005-0847
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.)_Oakland - RFF12130 SGW (Hall Equities) [RFF12130 SB1_10.bgs (DP Boring 20.tpl)]

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0				SP		Concrete,		
				SP		Sand, white 10YR 8/1, fine grained, clean, loose sand, slightly moist		
				SP		Sand, very dark gray, 7.5YR 3/1, fine grained, clayey, moist		
				SP		Sand, strong brown - brown 7.5YR 5/8 - 5/4, fine grained, clayey, moist		
						Refusal on concrete, bottom of boring		



Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-2
 Sheet 1 of 1

Date(s) Drilled	September 12, 2005	Logged By	Robert F. Flory	Checked By	Adrian Angel
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	17 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	15.01 feet ATD, 9.7 feet after 2 hours	Sampling Method(s)	Tube	Permit #	W2005-0847
Borehole Backfill	Cement Slurry	Location			

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.) Oakland - RFF12130 SGWI (Hall Equities) RFF12130 SB1_10.bgs (DP Boring 20).ipl

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0				SP		Concrete,		
				SP		Sand, dark yellowish brown 10YR 4/6, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist	0.2	
				SP		Sand, yellowish brown 10YR 5/6, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist		
5			SB2-5	SP		Sand, dark gray 10YR 4/1, fine grained, slightly silty & clayey, moderately firm, slightly moist		
				SP		Sand, yellowish brown 10YR 5/6, fine grained, slightly silty & clayey, moderately firm, slightly moist	0.4	
				SP		Sand, dark gray 10YR 4/1, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist		
10			SB2-10	SP		Sand, dark yellowish brown 10YR 4/6, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist	0.5	
				SP		Sand, dark greenish gray - pale green 10GY 4/1-6/2, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist		
			SB2-12					
15			SB2-15	SP		Sand, strong brown 7.5YR 5/8 - light olive brown 2.5Y 5/3 mottled, fine grained, slightly silty & clayey, moderately firm, wet	0.7	(ATD) ∇
						Bottom of Boring at 17 feet bgs		
20								



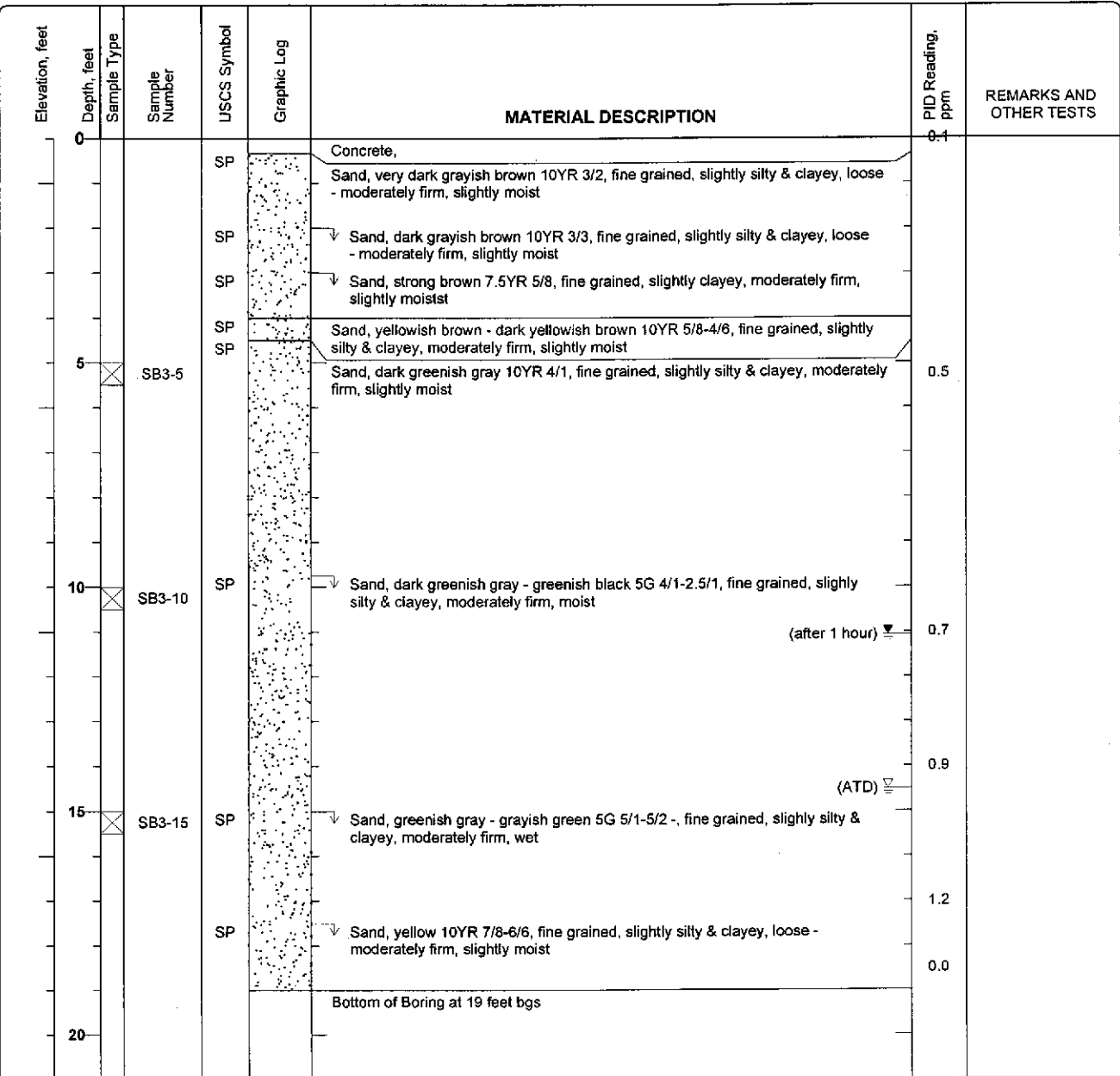
Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-3
Sheet 1 of 1

Date(s) Drilled September 12, 2005	Logged By Robert F. Flory	Checked By Adrian Angel
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 19 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured 14.5 feet ATD, 11.07 feet after 1 hour	Sampling Method(s) Tube	Permit # W2005-0847
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.)_Oakland--RFR12130 SGW (Hall Equities) RFR12130 SB3_10.bgs [DP Boring 20.tpi]




Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-4
 Sheet 1 of 1

Date(s) Drilled	September 12, 2005	Logged By	Robert F. Flory	Checked By	Adrian Angel
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	3 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured		Sampling Method(s)	None	Permit #	W2005-0847
Borehole Backfill	Cement Slurry	Location			

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.) Oakland - RFF12130 SGWI (Hall Equities) RFF12130 SB1_10.bgs [DP Boring 20.in]

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0				SP		Concrete, Sand, grayish white, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist		
						Refusal on rusty steel, concrete filled UST?		
5								
10								
15								
20								



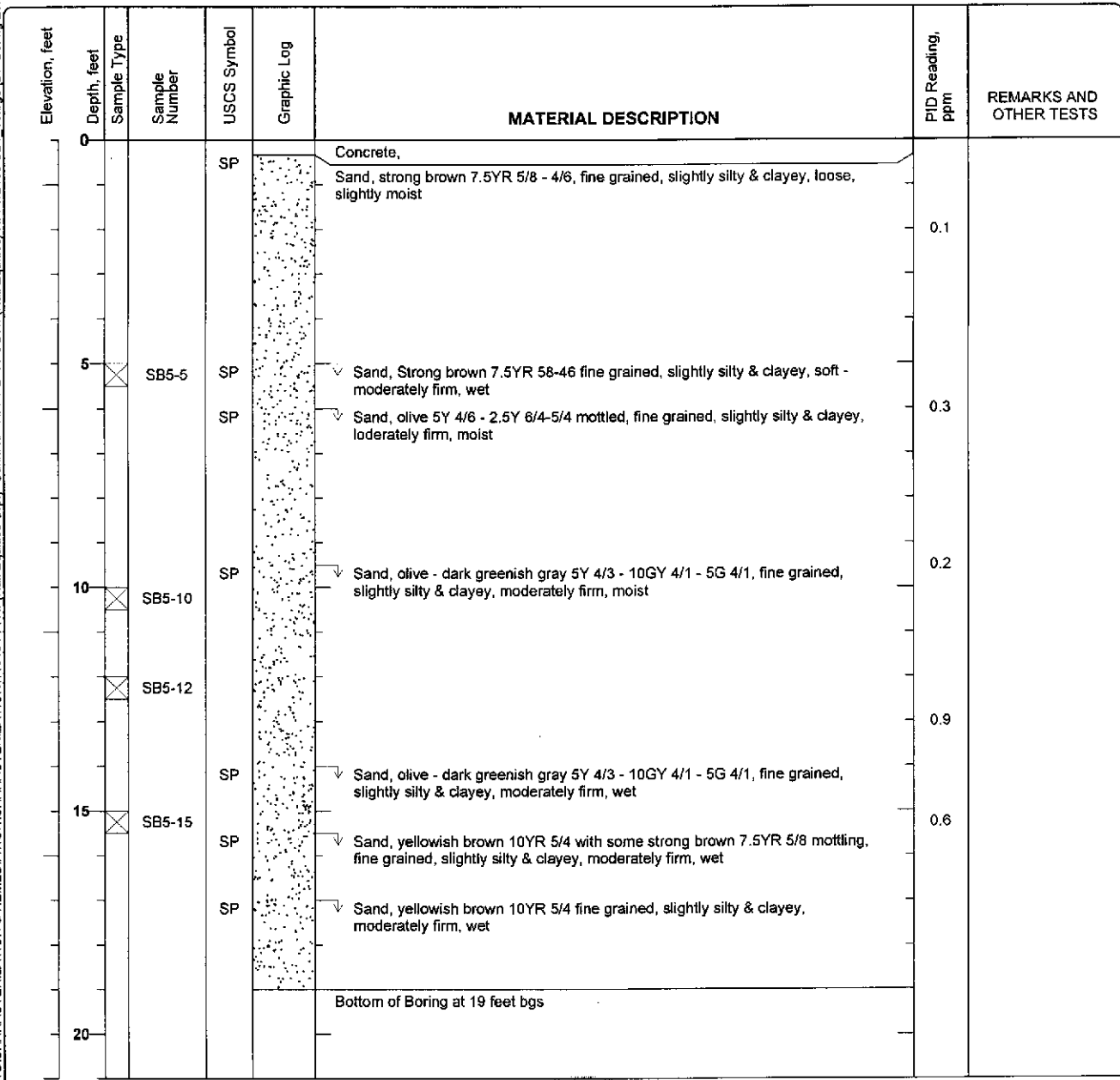
Figure

Project: Hall Equities
 Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
 Project Number: 12130

Log of Boring SB-5
 Sheet 1 of 1

Date(s) Drilled	September 12, 2005	Logged By	Robert F. Flory	Checked By	Adrian Angel
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	19 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	Not Encountered ATD	Sampling Method(s)	Tube	Permit #	W2005-0847
Borehole Backfill	Cement Slurry	Location			

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities) - RFR12130 SGWI (Hall Equities) RFR12130 SB1_10.bgs (DP Boring 20.fpl)



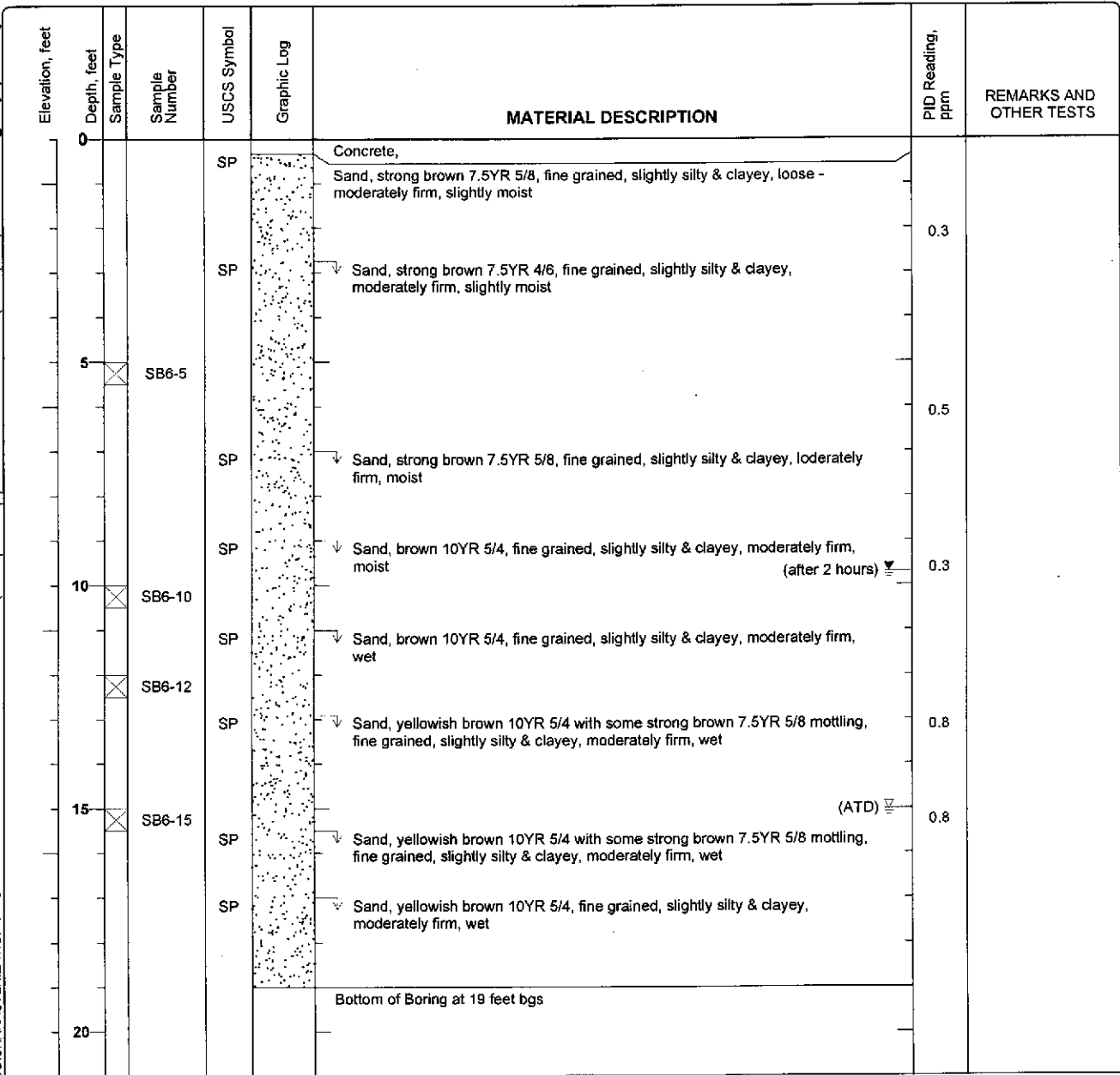
Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-6
 Sheet 1 of 1

Date(s) Drilled: September 12, 2005	Logged By: Robert F. Flory	Checked By: Adrian Angel
Drilling Method: Direct Push	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 19 feet bgs
Drill Rig Type: Geoprobe 5410	Drilling Contractor: EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured: 15.01 feet ATD, 9.7 feet after 2 hours	Sampling Method(s): Tube	Permit #: W2005-0847
Borehole Backfill: Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.)_Oakland - RFF\12130 SGWI - RFF\12130 SB1_10.sgs [DP Boring 20.lpl]



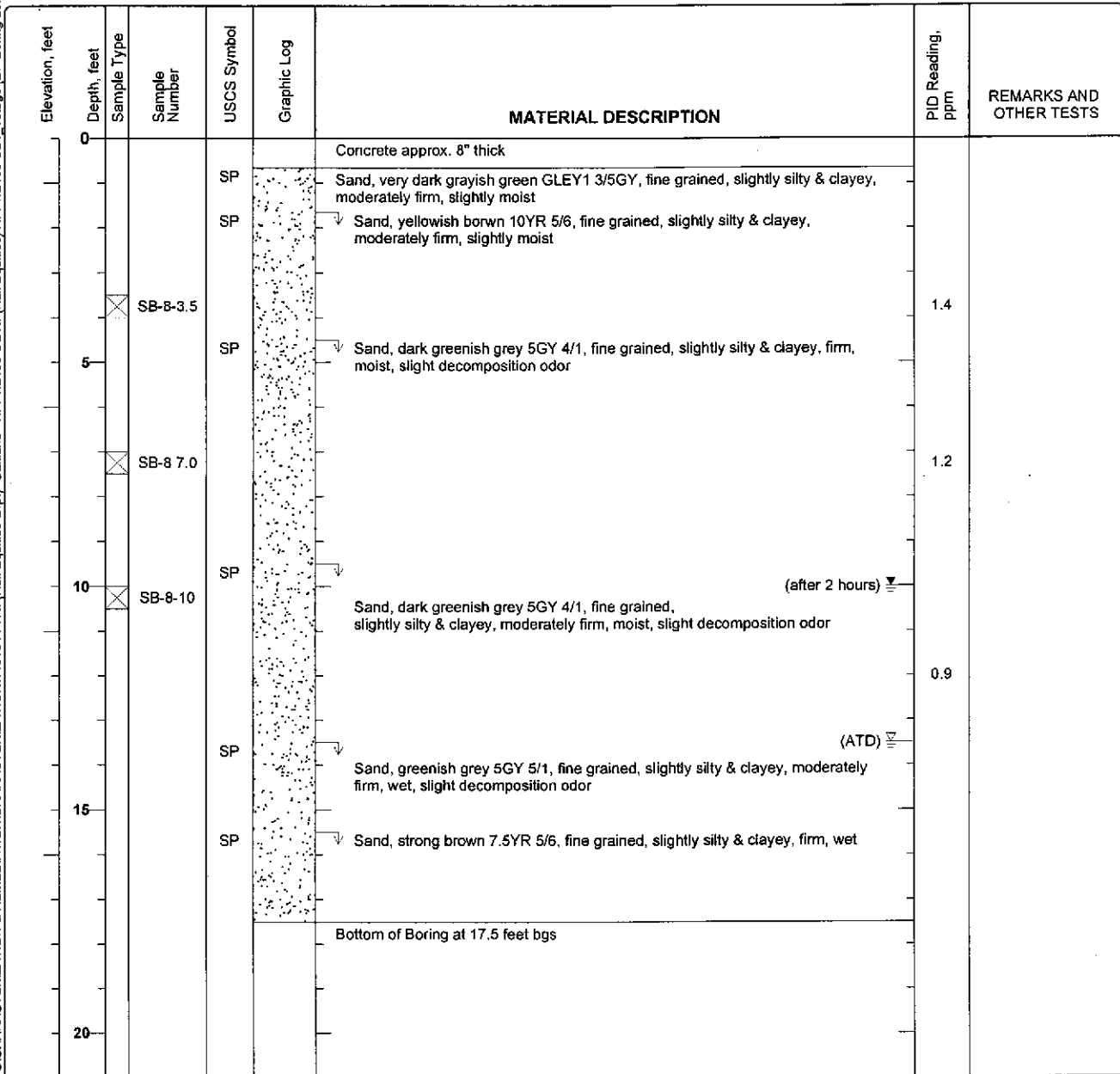
Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-8
 Sheet 1 of 1

Date(s) Drilled September 29, 2005	Logged By Ricky Bradford	Checked By Robert F. Flory
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 17.5 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level 13.5 feet ATD, 10 feet after and Date Measured 2 hours	Sampling Method(s) Tube	Permit # W2005-0847
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.) Oakland - REF12130 SGW (Hall Equities) REF12130 SB1_10.bgs (DP Boring 20.bpl)



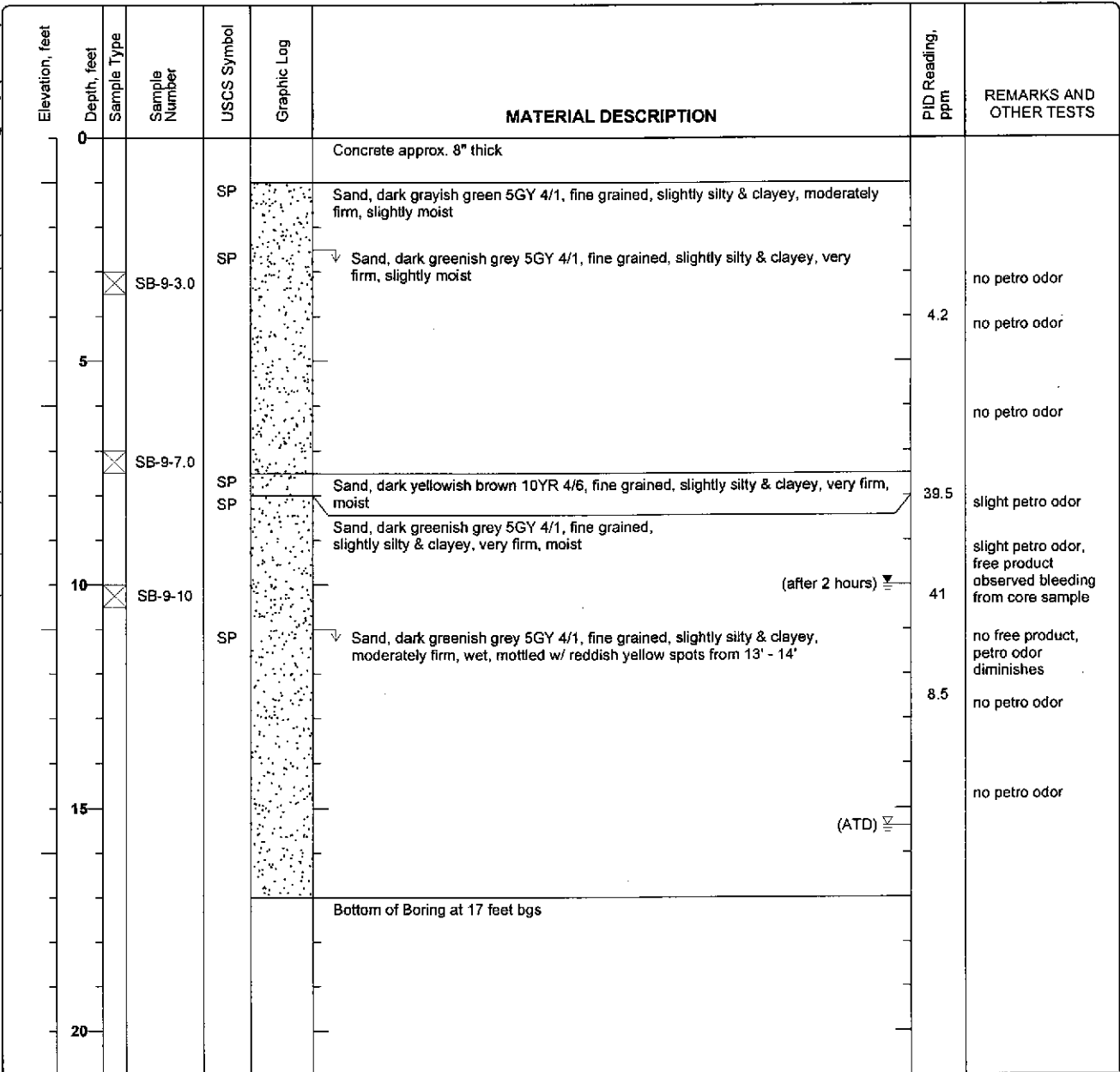
Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-9
 Sheet 1 of 1

Date(s) Drilled September 29, 2005	Logged By Ricky Bradford	Checked By Robert F. Flory
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 17 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured 15.4 feet ATD, 10 feet after 2 hours	Sampling Method(s) Tube	Permit # W2005-0847
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities) REF12130 SGWI (Hall Equities) REF12130 SB1_10.bgs (DP Boring 20.tps)



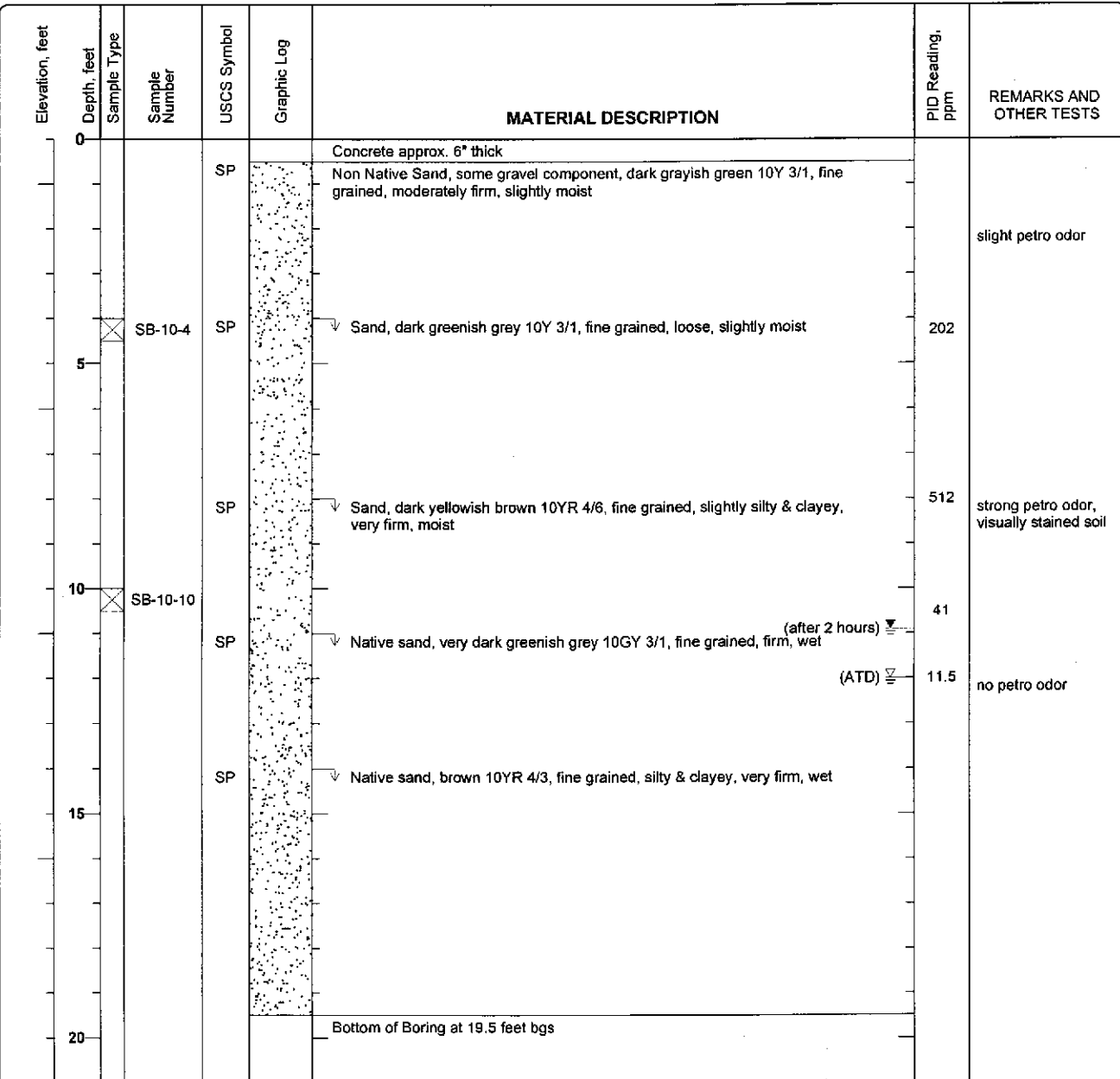
Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-10
Sheet 1 of 1

Date(s) Drilled September 29, 2005	Logged By Ricky Bradford	Checked By Robert F. Flory
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 19.5 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level 12 feet ATD, 10.9 feet after and Date Measured 2 hours	Sampling Method(s) Tube	Permit # W2005-0847
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\15184 PH II (Hall Equities) REF12130 SB1_10.bgs [DP Boring 20.in] - Oakland - REF12130 SGW (Hall Equities) REF12130 SB1



Figure



Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave, Oakland, C
Project Number: 12130

Log of Boring SB-11 & SB-12
 Sheet 1 of 1

Date(s) Drilled September 29, 2005	Logged By Robert F. Flory	Checked By Adrian Angel
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 0 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) None	Permit #
Borehole Backfill Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\115184 PH II (Hall Equities Grp.) Oakland - RFF12130 SGWI (Hall Equities) RFF12130 SB1_10.bgs (DP Boring 20.plt)

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0						Borings SB-11 and SB-12 not drilled		
5								
10								
15								
20								



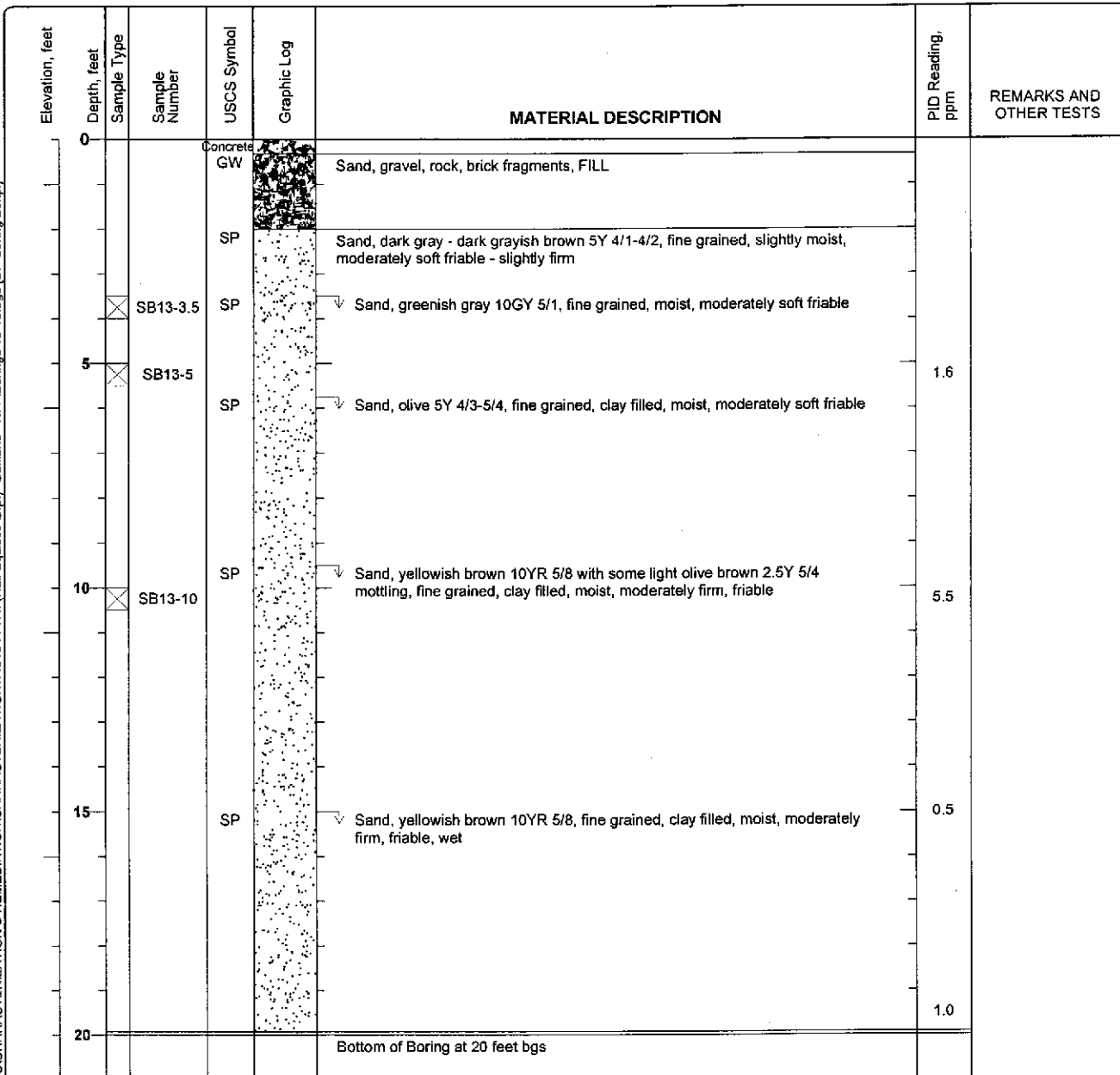
Figure

Project: Hall Equities Group
 Project Location: 1310 14th Street (1310 16th Street),
 Oakland, CA
 Project Number: 115184

Log of Boring SB-13
 Sheet 1 of 1

Date(s) Drilled: November 18, 2005	Logged By: Robert F. Flory	Checked By: Adrian Angel
Drilling Method: Geoprobe	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 20 feet bgs
Drill Rig Type: 6610 DT	Drilling Contractor: Vironex, Inc	Approximate Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s): Tube	Permit #: W2005-1096
Borehole Backfill	Location	

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Figure

Project: Hall Equities Group
 Project Location: 1310 14th Street (1310 16th Street),
 Oakland, CA
 Project Number: 115184

Log of Boring SB-14
 Sheet 1 of 1

Date(s) Drilled	November 18, 2005	Logged By	Robert F. Flory	Checked By	Adrian Angel
Drilling Method	Geoprobe	Drill Bit Size/Type	2 inch	Total Depth of Borehole	20 feet bgs
Drill Rig Type	6610 DT	Drilling Contractor	Vironex, Inc	Approximate Surface Elevation	
Groundwater Level and Date Measured	Not Measured	Sampling Method(s)	None	Permit #	W2005-1096
Borehole Backfill	Cement Slurry	Location	Twin to EB-15		

Elevation, feet	Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0				Concrete GW		Sand, gravel, FILL		
				SP		Sand, darkgreenish gray 10Y 4/1, fine grained, slightly moist, moderately soft friable	250	
							375	
5						No recovery		
10				SP		Sand, dark grayish green 5G 4/2, fine grained, clay filled, moist, moderately soft friable, hydrocarbon & decomposition odor	145	
				SP		Sand, yellowish brown 10YR 5/6, fine grained, clay filled, moist, moderately firm, friable		
						no recovery, no water in boring		
15				SP		Sand, yellowish brown 10YR 5/6, fine grained, clay filled, moist, moderately firm, friable	25	
20						Bottom of Boring at 20 feet bgs		

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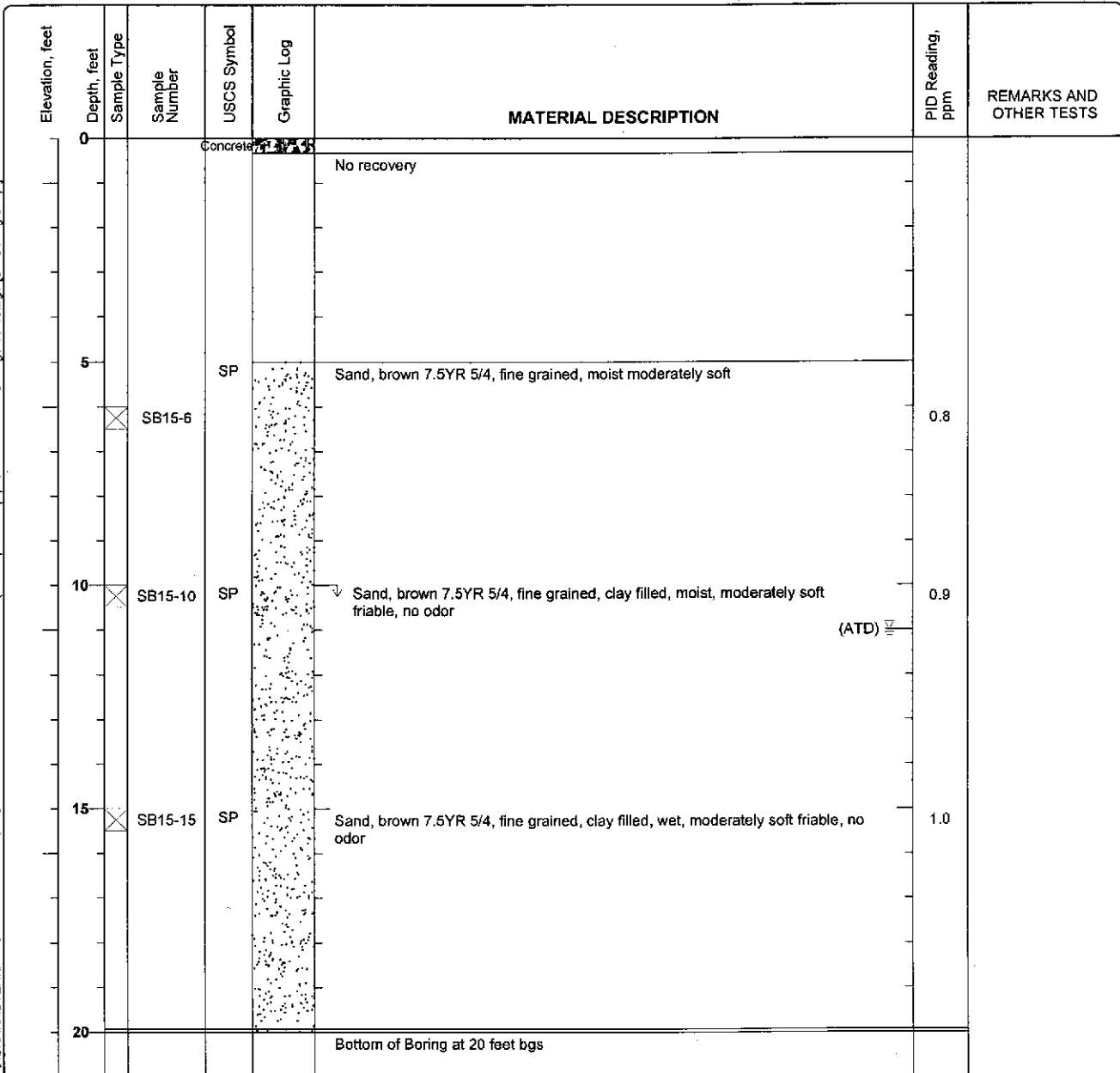
Figure

Project: Hall Equities Group
 Project Location: 1310 14th Street (1310 16th Street),
 Oakland, CA
 Project Number: 115184

Log of Boring SB-15
 Sheet 1 of 1

Date(s) Drilled: November 18, 2005	Logged By: Robert F. Flory	Checked By: Adrian Angel
Drilling Method: Geoprobe	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 20 feet bgs
Drill Rig Type: 6610 DT	Drilling Contractor: Vironex, Inc	Approximate Surface Elevation
Groundwater Level and Date Measured: 11 feet ATD	Sampling Method(s): Tube	Permit #: W2005-1096
Borehole Backfill: Cement Slurry	Location: Bottom of loading dock ramp - 2 feet below grade in borings SB-13 & SB-14	

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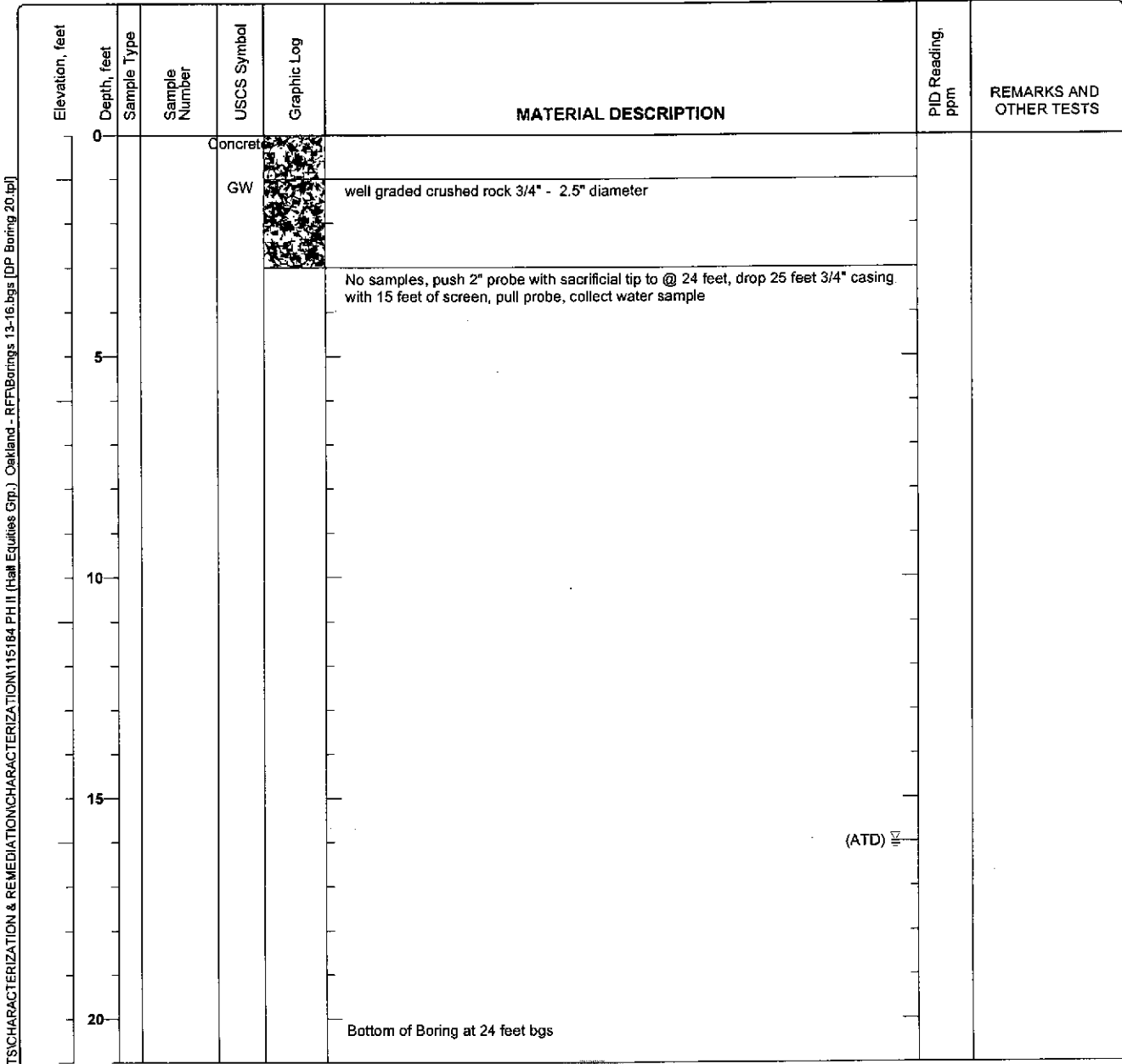
Figure



Project: Hall Equities Group
 Project Location: 1310 14th Street (1310 16th Street),
 Oakland, CA
 Project Number: 115184

Log of Boring SB-16
 Sheet 1 of 1

Date(s) Drilled November 18, 2005	Logged By Robert F. Flory	Checked By
Drilling Method Geoprobe	Drill Bit Size/Type 2 inch	Total Depth of Borehole 20 feet bgs
Drill Rig Type 6610 DT	Drilling Contractor Vironex, Inc	Approximate Surface Elevation
Groundwater Level and Date Measured 16 feet ATD	Sampling Method(s) None	Permit # W2005-1096
Borehole Backfill Cement Slurry	Location On loading dock, 44 inches above grade of SB-13 and SB-14	



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Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-1
 Sheet 1 of 1

Date(s) Drilled September 12, 2005	Logged By Robert F. Flory	Checked By Jeremy A. Smith
Drilling Method Direct Push	Drill Bit Size/Type	Total Depth of Borehole 3 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) None	Hammer Data
Borehole Backfill Cement Slurry	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
0	0					SP	Concrete		
						SP	Sand, white 10YR 8/1, fine grained, clean, loose sand, slightly moist		
						SP	Sand, very dark gray, 7.5YR 3/1, fine grained, clayey, moist		
							Sand, strong brown - brown 7.5YR 5/8 - 5/4, fine grained, clayey, moist		
							Refusal on concrete, bottom of boring		
5									
10									
15									
20									
25									
30									

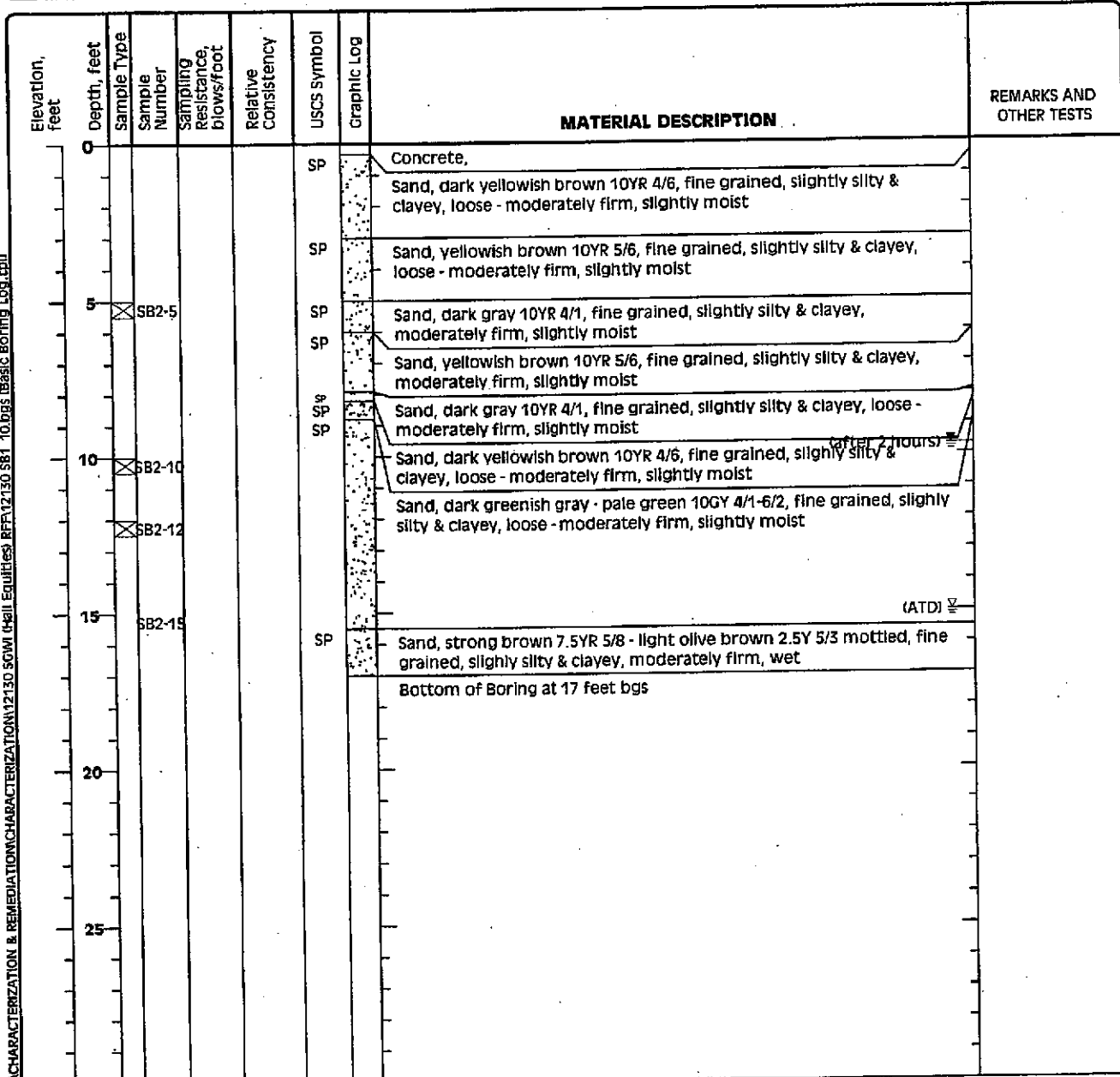
X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\12130 SCWL (Hall Equities) RFF\12130 SB1 - 10.bgs (Basic Boring Log).tppl

Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-2
 Sheet 1 of 1

Date(s) Drilled	September 12, 2005	Logged By	Robert F. Flory	Checked By	Jeremy A. Smith
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	17 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	15.01 feet ATD, 9.7 feet after 2 hours	Sampling Method(s)	Tube	Hammer Data	
Borehole Backfill	Cement Slurry	Location			



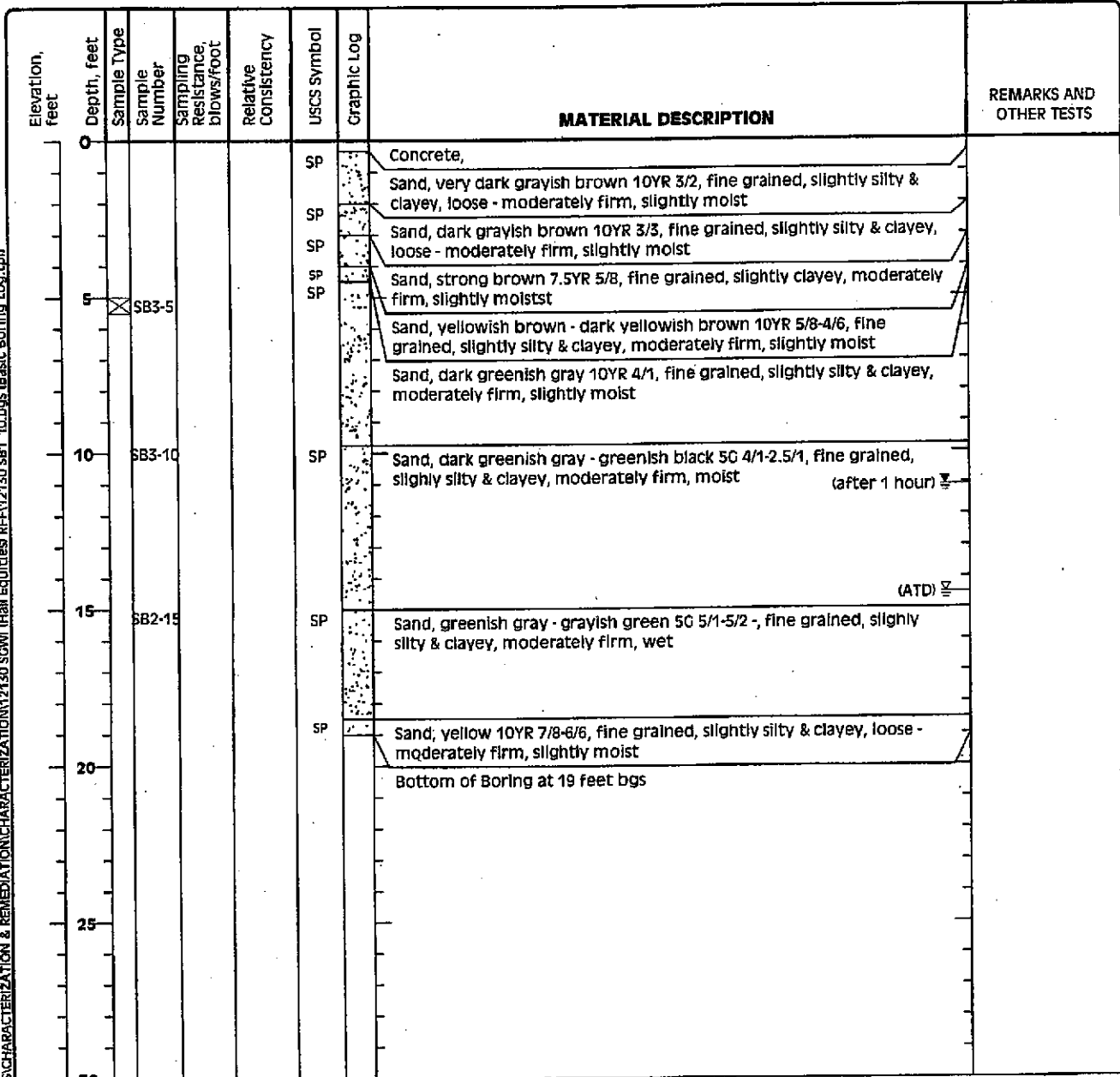
X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\12130\SCM1 (Hall Equities) RFP\12130 SB1 10.DBS (Basic Boring Log).tpl

Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Project Number: 12130
Oakland, CA

Log of Boring SB-3
 Sheet 1 of 1

Date(s) Drilled: September 12, 2005	Logged By: Robert F. Flory	Checked By: Jeremy A. Smith
Drilling Method: Direct Push	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 19 feet bgs
Drill Rig Type: Geoprobe 5410	Drilling Contractor: EnProb	Approximate Surface Elevation
Groundwater Level: 14.5 feet ATD, 11.07 feet after 1 hour	Sampling Method(s): Tube	Hammer Data
Borehole Backfill: Cement Slurry	Location	



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Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-4
 Sheet 1 of 1

Date(s) Drilled September 12, 2005	Logged By Robert F. Flory	Checked By Jeremy A. Smith
Drilling Method Direct Push	Drill Bit Size/Type 2 inch	Total Depth of Borehole 3 feet bgs
Drill Rig Type Geoprobe 5410	Drilling Contractor EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured	Sampling Method(s) None	Hammer Data
Borehole Backfill Cement Slurry	Location	

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
0						SP		Concrete, Sand, grayish white, fine grained, slightly silty & clayey, loose - moderately firm, slightly moist	
5								Refusal on rusty steel, concrete filled UST?	
10									
15									
20									
25									
30									

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Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-5
 Sheet 1 of 1

Date(s) Drilled: September 12, 2005	Logged By: Robert F. Flory	Checked By: Jeremy A. Smith
Drilling Method: Direct Push	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 19 feet bgs
Drill Rig Type: Geoprobe 5410	Drilling Contractor: EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured: Not Encountered ATD	Sampling Method(s): Tube	Hammer Data
Borehole Backfill: Cement Slurry	Location	

X:\PROJECTS\CHARACTERIZATION & REMEDIATION\CHARACTERIZATION\12130 SCW\ (Hall Equities) RFF\12130 SB1 10.bgs (Basic Boring Log).gpi

Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
0						SP	Concrete.		
								Sand, strong brown 7.5YR 5/8 - 4/6, fine grained, slightly silty & clayey, loose, slightly moist	
5			SB2-5			SP		Sand, Strong brown 7.5YR 5/8-4/6 fine grained, slightly silty & clayey, soft - moderately firm, wet	
						SP		Sand, olive 5Y 4/6 - 2.5Y 6/4-5/4 mottled, fine grained, slightly silty & clayey, moderately firm, moist	
10			SB2-10			SP		Sand, olive - dark greenish gray 5Y 4/3 - 10GY 4/1 - 5G 4/1, fine grained, slightly silty & clayey, moderately firm, moist	
			SB2-12						
15			SB2-15			SP		Sand, olive - dark greenish gray 5Y 4/3 - 10GY 4/1 - 5G 4/1, fine grained, slightly silty & clayey, moderately firm, wet	
						SP		Sand, yellowish brown 10YR 5/4 with some strong brown 7.5YR 5/8 mottling, fine grained, slightly silty & clayey, moderately firm, wet	
						SP		Sand, yellowish brown 10YR 5/4 fine grained, slightly silty & clayey, moderately firm, wet	
20								Bottom of Boring at 19 feet bgs	
25									
30									

Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-6
 Sheet 1 of 1

Date(s) Drilled	September 12, 2005	Logged By	Robert F. Flory	Checked By	Jeremy A. Smith
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	19 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	15.01 feet ATD, 9.7 feet after 2 hours	Sampling Method(s)	Tube	Hammer Data	
Borehole Backfill	Cement Slurry	Location			

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Elevation, feet	Depth, feet	Sample Type	Sample Number	Sampling Resistance, blows/foot	Relative Consistency	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
0						SP	Concrete		
						SP	Sand, strong brown 7.5YR 5/8, fine grained, slightly silty & clayey, loose moderately firm, slightly moist		
						SP	Sand, strong brown 7.5YR 4/6, fine grained, slightly silty & clayey, moderately firm, slightly moist		
	5		SB2-5			SP	Sand, strong brown 7.5YR 5/8, fine grained, slightly silty & clayey, moderately firm, moist		
	10		SB2-10			SP	Sand, brown 10YR 5/4, fine grained, slightly silty & clayey, moderately firm, moist		
			SB2-12			SP	Sand, brown 10YR 5/4, fine grained, slightly silty & clayey, moderately firm, wet		
	15		SB2-15			SP	Sand, yellowish brown 10YR 5/4 with some strong brown 7.5YR 5/8 mottling, fine grained, slightly silty & clayey, moderately firm, wet	(ATD) ∇	
						SP	Sand, yellowish brown 10YR 5/4 with some strong brown 7.5YR 5/8 mottling, fine grained, slightly silty & clayey, moderately firm, wet		
						SP	Sand, yellowish brown 10YR 5/4, fine grained, slightly silty & clayey, moderately firm, wet		
	20						Bottom of Boring at 19 feet bgs		
	25								
	30								

Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-7
 Sheet 1 of 1

Date(s) Drilled: September 29, 2005	Logged By: Ricky Bradford	Checked By: Robert F. Flory
Drilling Method: Direct Push	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 17.5 feet bgs
Drill Rig Type: Geoprobe 5410	Drilling Contractor: EnProb	Approximate Surface Elevation
Groundwater Level: 13.5 feet ATD, 9.9 feet after 2 hours	Sampling Method(s): None	Well Permit:
Borehole Backfill: Cement Slurry	Location	

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0					Concrete approx. 8" thick		
			SP		Sand, very dark grayish green GLEY1 3/5CY, fine grained, slightly silty & clayey, moderately firm, slightly moist		
			SP		Sand, yellowish brown 10YR 5/6, fine grained, slightly silty & clayey, moderately firm, slightly moist	1.5	
5			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, firm, moist	1.1	
10			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, moderately firm, moist, slight oily odor (after 2 hours) ∇	0.8	
			SP		Sand, greenish grey GLEY1 5/5GY, fine grained, slightly silty & clayey, moderately firm, wet, slight oily odor (ATD) ∇		
15			SP		Sand, strong brown 7.5YR 5/6, fine grained, slightly silty & clayey, firm, wet		
					Bottom of Boring at 17.5 feet bgs		
20							

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Figure

Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Project Number: 12130
Oakland, C

Log of Boring SB-8
 Sheet 1 of 1

Date(s) Drilled	September 29, 2005	Logged By	Ricky Bradford	Checked By	Robert F. Flory
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	17.5 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	13.5 feet ATD, 10 feet after 2 hours	Sampling Method(s)	None	Well Permit	
Borehole Backfill	Cement Slurry	Location			

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0					Concrete approx. 8" thick		
			SP		Sand, very dark grayish green GLEY1 3/5GY, fine grained, slightly silty & clayey, moderately firm, slightly moist		
			SP		Sand, yellowish brown 10YR 5/6, fine grained, slightly silty & clayey, moderately firm, slightly moist	1.5	
5			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, firm, moist, slight decomposition odor	1.1	
10			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, moderately firm, moist, slight decomposition odor (after 2 hours) ∇	0.8	
			SP		Sand, greenish grey GLEY1 5/5GY, fine grained, slightly silty & clayey, moderately firm, wet, slight decomposition odor (ATD) ∇		
15			SP		Sand, strong brown 7.5YR 5/6, fine grained, slightly silty & clayey, firm, wet		
					Bottom of Boring at 17.5 feet bgs		
20							

Figure

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Project: Hall Equities
Project Location: 1310 14th Ave, 1310 16th Ave,
Oakland, C
Project Number: 12130

Log of Boring SB-9
 Sheet 1 of 1

Date(s) Drilled: September 29, 2005	Logged By: Ricky Bradford	Checked By: Robert F. Flory
Drilling Method: Direct Push	Drill Bit Size/Type: 2 inch	Total Depth of Borehole: 17 feet bgs
Drill Rig Type: Geoprobe 5410	Drilling Contractor: EnProb	Approximate Surface Elevation
Groundwater Level and Date Measured: 15.4 feet ATD, 10 feet after 2 hours	Sampling Method(s): None	Well Permit.
Borehole Backfill: Cement Slurry	Location	

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0					Concrete approx. 8" thick		
			SP		Sand, dark grayish green GLEY1 4/5GY, fine grained, slightly silty & clayey, moderately firm, slightly moist		no petro odor
			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, very firm, slightly moist	4.2	no petro odor
5							no petro odor
			SP		Sand, dark yellowish brown 10YR 4/6, fine grained, slightly silty & clayey, very firm, moist	39.5	slight petro odor
			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, very firm, moist		slight petro odor, free product observed bleeding from core sample
10					(after 2 hours) ∇	41	
			SP		Sand, dark greenish grey GLEY1 4/5GY, fine grained, slightly silty & clayey, moderately firm, wet, mottled w/ reddish yellow spots from 13' - 14'	8.5	no free product, petro odor diminishes to no petro odor
15							no petro odor
						(ATD) ∇	
					Bottom of Boring at 17 feet bgs		
20							

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Figure

Project: Hall Equities
 Project Location: 1310 14th Ave, 1310 16th Ave,
 Oakland, C
 Project Number: 12130

Log of Boring SB-10
 Sheet 1 of 1

Date(s) Drilled	September 29, 2005	Logged By	Ricky Bradford	Checked By	Robert F. Flory
Drilling Method	Direct Push	Drill Bit Size/Type	2 inch	Total Depth of Borehole	19.5 feet bgs
Drill Rig Type	Geoprobe 5410	Drilling Contractor	EnProb	Approximate Surface Elevation	
Groundwater Level and Date Measured	12 feet ATD, 10.9 feet after 2 hours	Sampling Method(s)	None	Well Permit.	
Borehole Backfill	Cement Slurry	Location			

Depth, feet	Sample Type	Sample Number	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	PID Reading, ppm	REMARKS AND OTHER TESTS
0					Concrete approx. 6" thick		
			SP		Non Native Sand, some gravel component, dark grayish green GLEY1 3/10Y, fine grained, moderately firm, slightly moist		slight petro odor
			SP		Non Native Sand, dark greenish grey GLEY1 3/10Y, fine grained, loose, slightly moist	202	
5			SP		Sand, dark yellowish brown 10YR 4/6, fine grained, slightly silty & clayey, very firm, moist	512	strong petro odor, visually stained soil
10			SP		Native sand, very dark greenish grey GLEY1 3/10GY, fine grained, firm, wet (after 2 hours) ▾	41	
			SP		Native sand, brown 10YR 4/3, fine grained, silty & clayey, very firm, wet (ATD) ▾	11.5	no petro odor
15							
20							

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Figure