



RECEIVED

2:05 pm, Jan 06, 2009

Alameda County
Environmental Health

January 5, 2009

Barbara Jakub
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Subject: Certification Letter
Additional Soil and Groundwater Information
SLIC Site RO0002621, Emeryville Industrial Court
5885 Hollis Street
Emeryville, California

Dear Ms. Jakub:

Per your request and in accordance with our meeting on November 13, 2008, the attached Additional Soil and Groundwater Information letter dated December 22, 2008 from Leong Environmental provides a written response to your request for information regarding cross section information for residual chemicals in soil and groundwater for SLIC Case RO0002621 located at 5885 Hollis Street, Emeryville, California (the Site). The attached letter has been prepared on behalf of the current property owner, ES East Associates.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions, please call me at (415) 457-4964.

Sincerely yours,

Geoffrey B. Sears
WAREHAM PROPERTY GROUP
On Behalf of ES East Associates

December 22, 2008
Project 103-002

Barbara Jakub
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Subject: Additional Soil and Groundwater Information
SLIC Site RO0002621, Emeryville Industrial Court
5885 Hollis Street
Emeryville, California

Dear Ms. Jakub:

As a follow-up to our meeting on November 13, 2008 regarding the former Emeryville Industrial Court Site at 5885 Hollis Street, Emeryville, California, this letter has been prepared to address the request by you regarding additional soil and groundwater information related to total petroleum hydrocarbons (TPH) and potential former solvent use at the Site. As discussed in the meeting, soil and groundwater samples were collected prior to and during construction activities at the Site and figures and cross sections have been prepared to illustrate the available data.

Figure 1 presents TPH concentrations for soil samples collected before excavation activities and Figure 2 presents TPH concentrations in soil confirmation samples collected during excavation activities. The soil confirmation samples were collected in accordance with the approach outlined in the Site Management Plan dated July 14, 2005 (with clarifications on October 21, 2005 and November 20, 2005), which was approved by Alameda County Environmental Health Services on December 8, 2005. Figure 3 presents cross section locations, and Figures 4 through 6 present the idealized cross sections of the soil samples, including soil type, approximate excavation limits, and the results of laboratory analyses for TPH. Tables from previous reports summarizing soil and groundwater data are also attached for your reference.

In addition to the petroleum hydrocarbons, soil and groundwater samples were analyzed for chlorinated solvents using either U.S. EPA Methods 8010 or 8260. The results of chlorinated volatile organic compounds (VOC) analyses for soil and groundwater samples do not indicate a problem at the Site.

In soil, areas that may have used chlorinated VOCs were specifically targeted, and included sampling in 3 former businesses along the eastern side of the property where paints, thinners, inks, solvent, and adhesives are noted on Figure 7. Analytes from U.S. EPA Method 8010 and/or 8260 were not detected except for acetone at three locations along the south side of the site and methylene chloride in four samples (at four locations).

Relatively low concentrations of acetone (up to 42 micrograms per kilogram [$\mu\text{g}/\text{kg}$]) were reported in four samples at three locations; three of the samples were in the southwestern portion of the site (TR-23 and TR-24); acetone was also reported at a relatively low concentration in groundwater at one of these locations (TR-24 at 35 micrograms per liter [$\mu\text{g}/\text{L}$]). However, acetone was not reported in nearby groundwater samples from dewatering well DW-14 and post-excavation groundwater sample TR-GW that were analyzed for VOCs using U.S. EPA Method 8260. The other soil sample with acetone was reported in the northeast corner of the site (TR-27) but was not reported in a groundwater sample from nearby dewatering well DW-11 that was analyzed for a full suite of VOCs using U.S. EPA Method 8260. The soil with reported acetone concentrations at all of these locations has been excavated and the groundwater dewatered.

Although methylene chloride was not reported in laboratory blanks, methylene chloride is a common laboratory contaminant and was only reported in one set of samples collected during the same time interval (confirmation samples collected at the base of the excavation: TR-39, -40, -41, and -44). If methylene chloride was truly in the soil samples, it appears to be localized. Methylene chloride was not reported in a groundwater sample that is likely downgradient of this area (TR-31), or in the groundwater sample collected at TR-6 that may be generally down- and crossgradient. The fourth sample is on the other side of the site (TR-44), and methylene chloride was not detected in any other soil or groundwater samples in the vicinity.

In groundwater, only fuel-related VOCs (and acetone in one sample that also contained fuel-related VOCs) were reported (Figure 8). Higher concentrations of fuel-related VOCs were reported in the southwest corner of the site, where high TPHg concentrations were also detected in samples collected prior to excavation and dewatering. Trace concentrations of fuel-related VOCs in groundwater samples collected prior to Site redevelopment were reported in the center of the site, where (prior to excavation) TPHg in soil was not detected and TPHd concentrations were less than 1 milligram per kilogram (mg/kg). Locations in the center of the Site where these soil concentrations were found have all since been excavated during redevelopment activities.

In summary, there is good sample coverage across the Site of soil samples analyzed for chlorinated VOCs. Soil containing acetone was excavated and was not reported in more recent groundwater samples collected from dewatering wells DW-11 and -14 or from the post-excavation groundwater sample TR-GW. The detection of methylene chloride in only one set of samples is likely due to laboratory contamination. Because methylene chloride was not reported in any other soil samples or in groundwater samples that are generally (or directly) downgradient from three of the locations, the methylene chloride (if truly present) is localized.

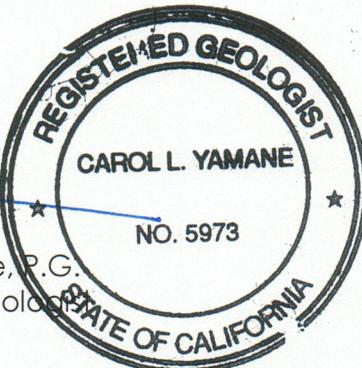
If you have any questions regarding this information, please contact Glenn Leong at 415-272-6986 or at glenn@leongenv.com.



Glenn M. Leong, R.E.A.
Principal Scientist

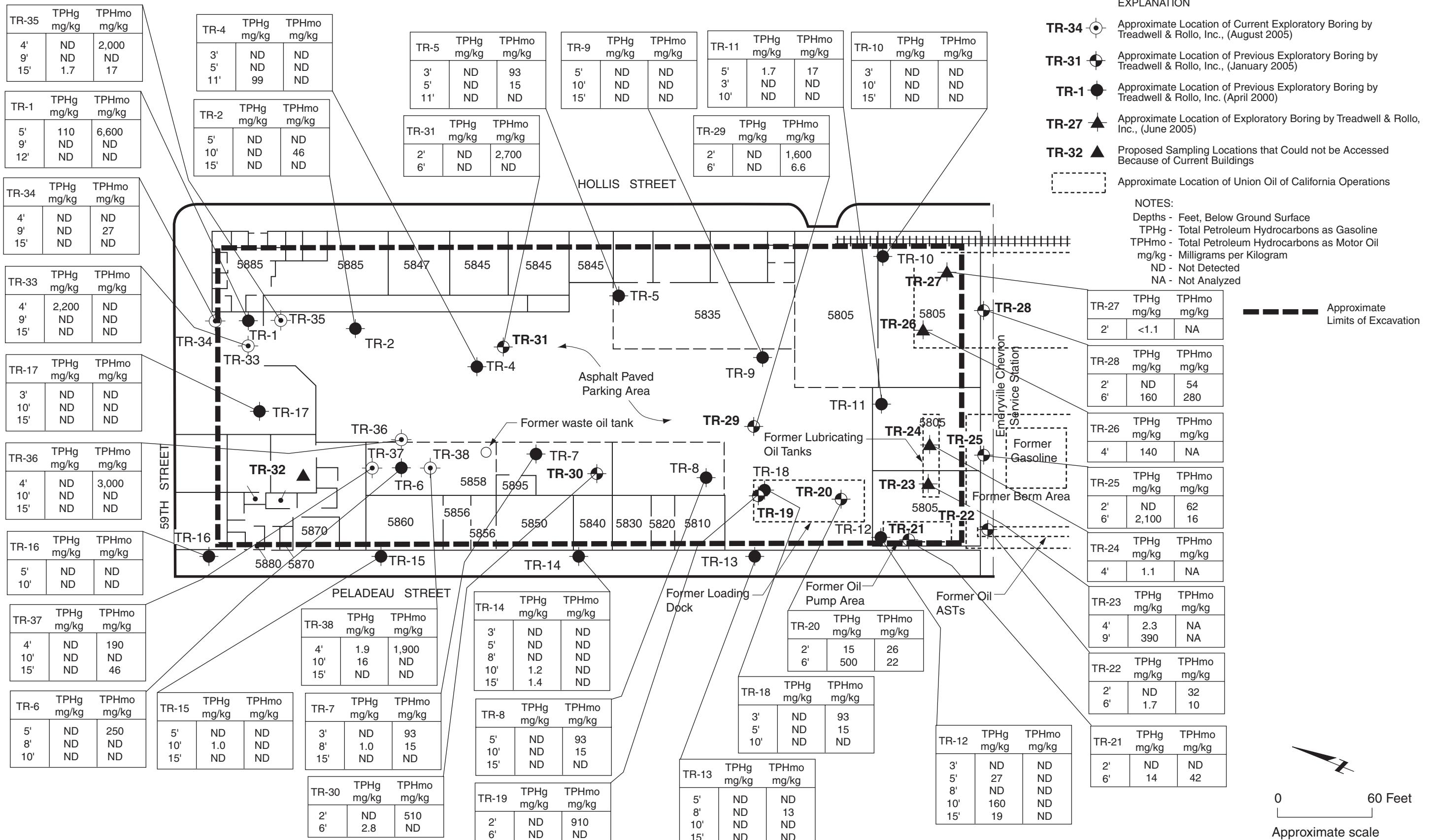
Cl. Y.

Carol Yamane, P.G.
Consulting Geologist



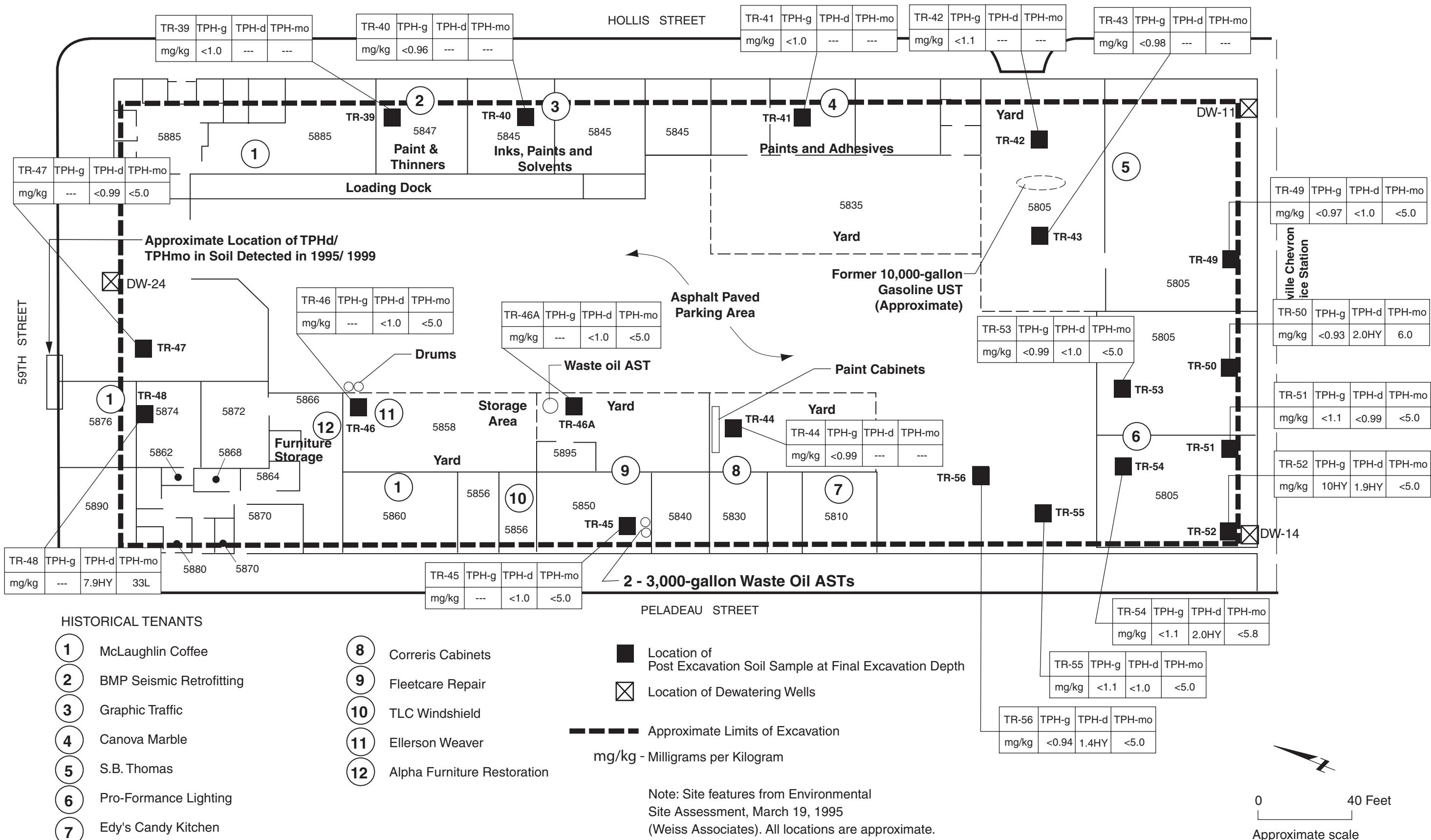
Attachment: Figure 1 Total Petroleum Hydrocarbons Previously Detected in Soil
Figure 2 Total Petroleum Hydrocarbons Detected in Post-Excavation Soil Samples
Figure 3 Cross Section Location
Figure 4 Idealized Cross Section A-A' and B-B'
Figure 5 Idealized Cross Section C-C' and D-D'
Figure 6 Idealized Cross Section E-E' and F-F'
Figure 7 Soil Sample Locations Analyzed for Chlorinated VOCs
Figure 8 Groundwater Samples Analyzed for Chlorinated VOCs

Table 1 Summary of Previous Soil Sample Data - Organics
Table 2 Soil Analytical Results – Total Petroleum Hydrocarbons in Soil
Table 3 Soil Analytical Results – Volatile Organic Compounds in Soil
Table 4 Summary of Previous Groundwater Sample Data - Organics
Table 5 Groundwater Analytical Results – Post Excavation Grab
Groundwater Sample and Excavation Dewatering Samples



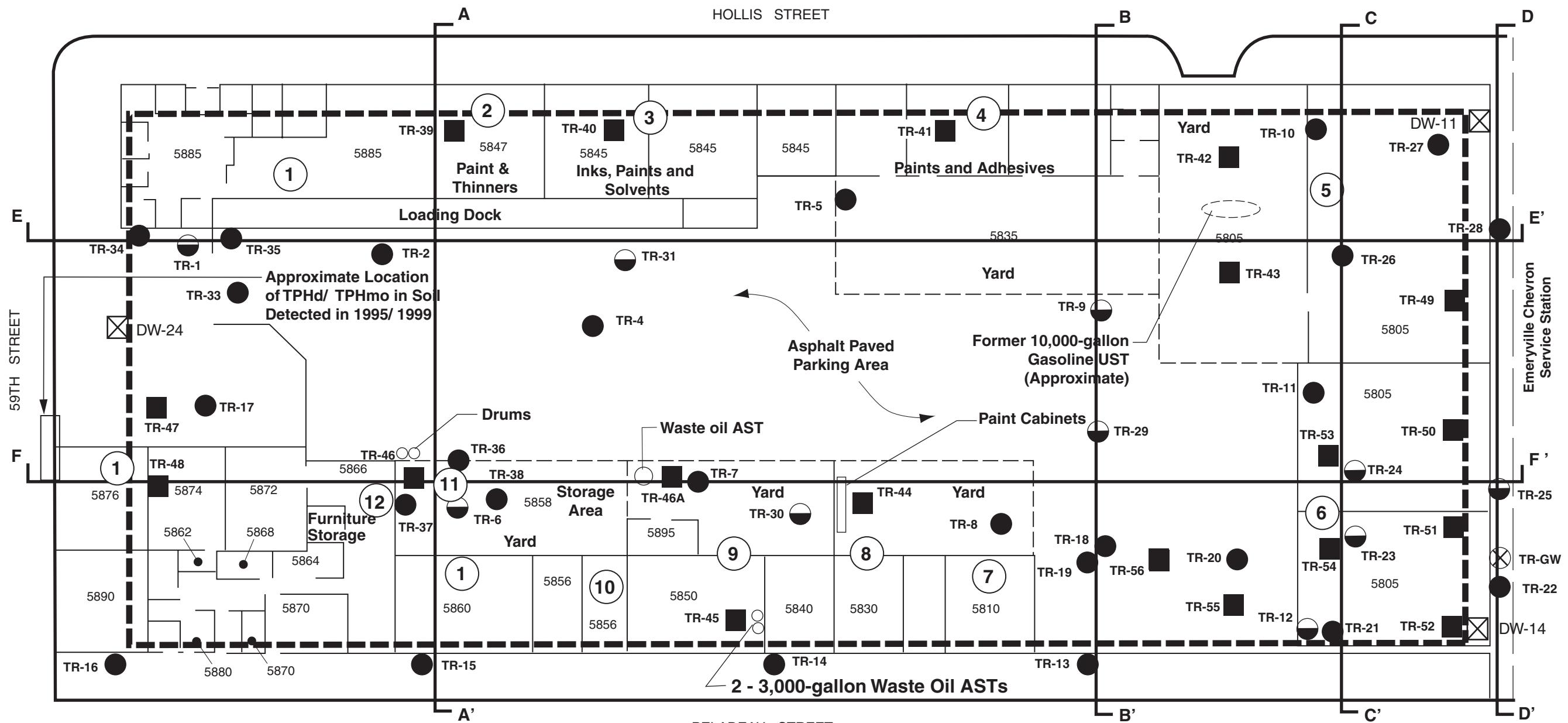
ALDERS PROPERTY
5812 HOLLIS STREET
 Emeryville, California

**TOTAL PETROLEUM HYDROCARBONS
 PREVIOUSLY DETECTED IN SOIL**



ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

TOTAL PETROLEUM HYDROCARBONS DETECTED IN POST-EXCAVATION SOIL SAMPLES



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 Corrieris 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

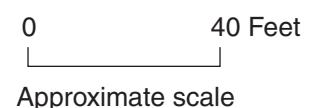
● Previous Soil Sample Location

○ Previous Soil and Groundwater Samples

⊗ Groundwater Sample

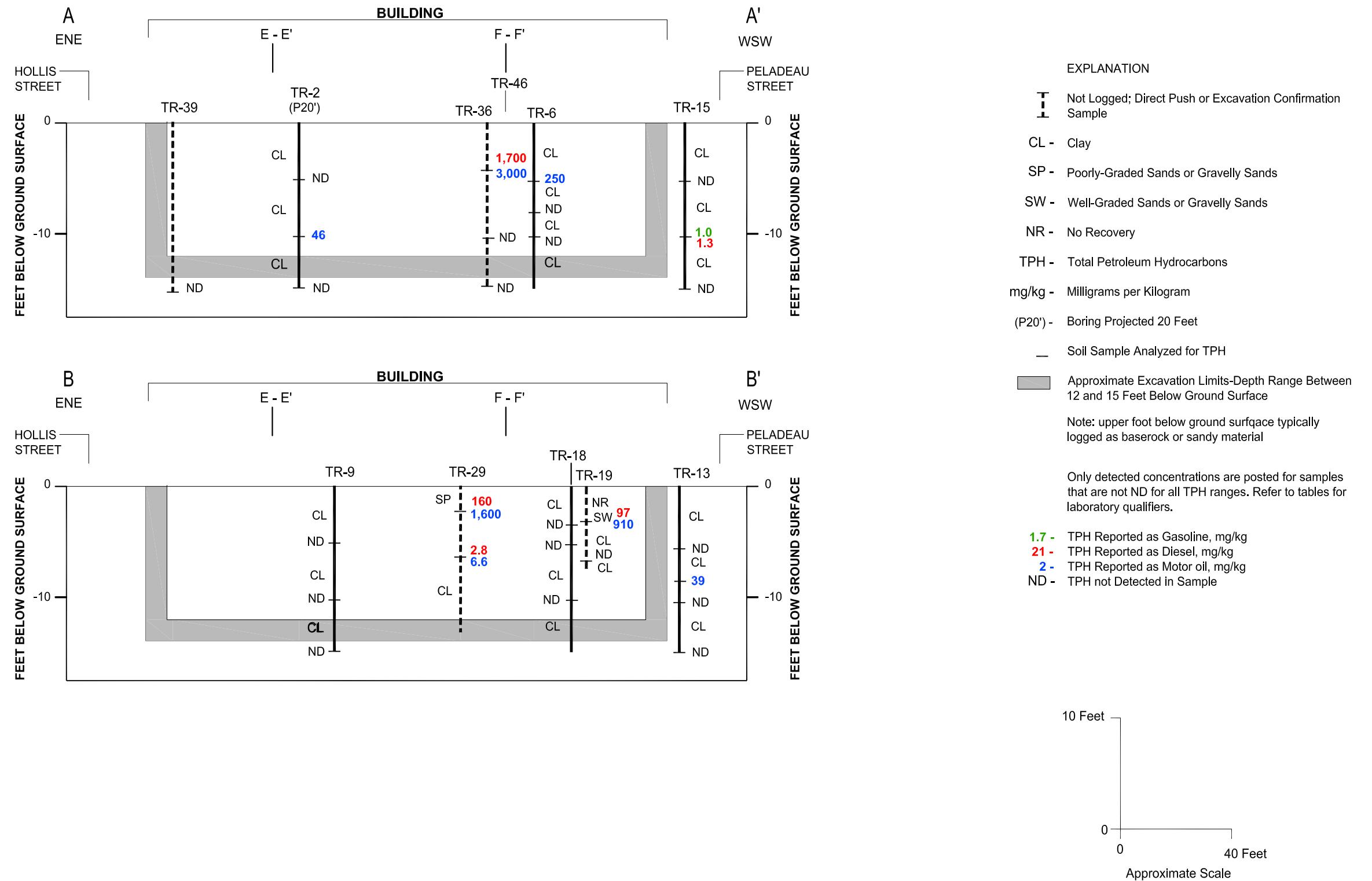
— Approximate Limits of Excavation

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



ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

CROSS-SECTION LOCATION



**ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California**

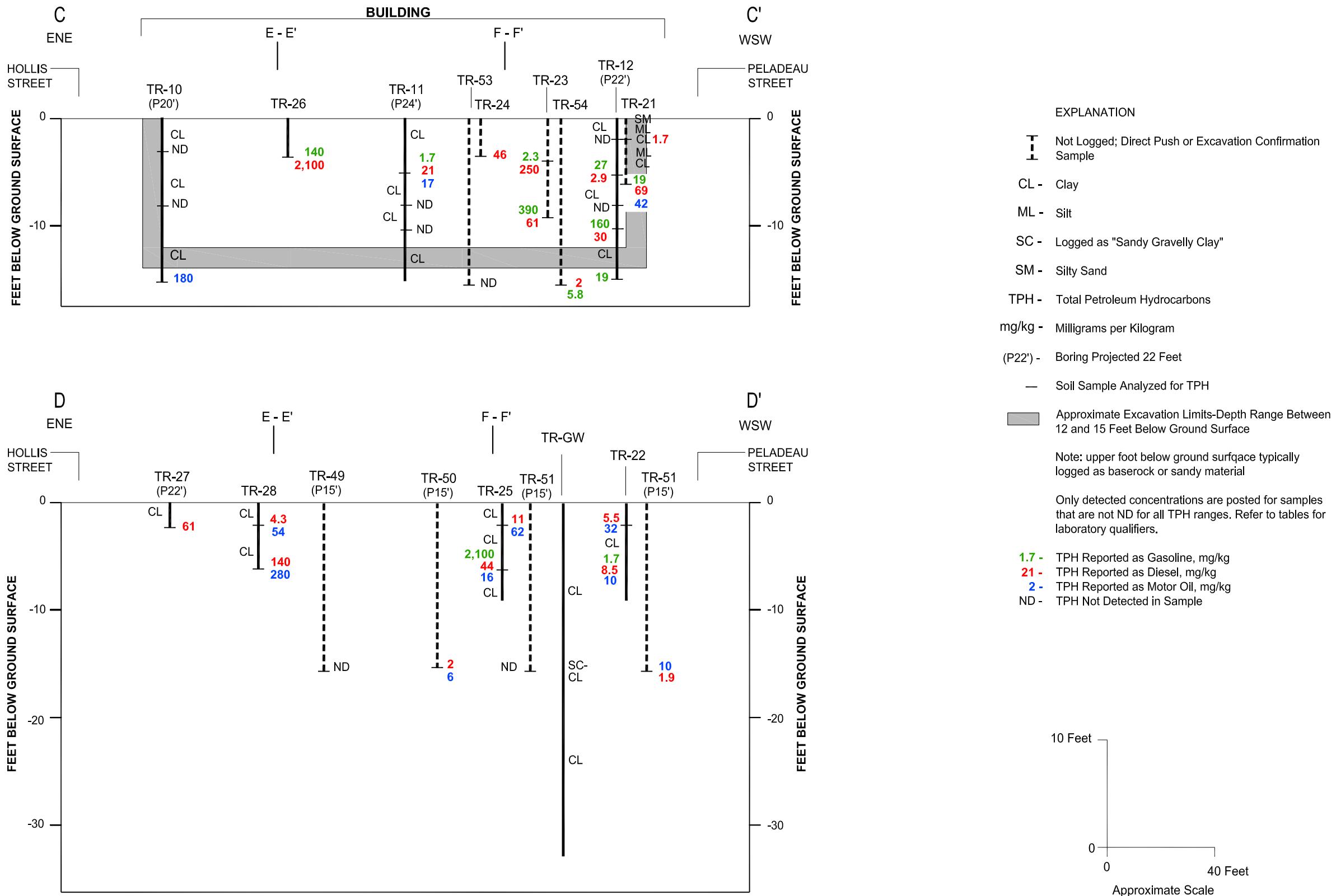
IDEALIZED CROSS SECTION A-A' AND B-B'

Leong Environmental, Inc.

Date 12/16/08

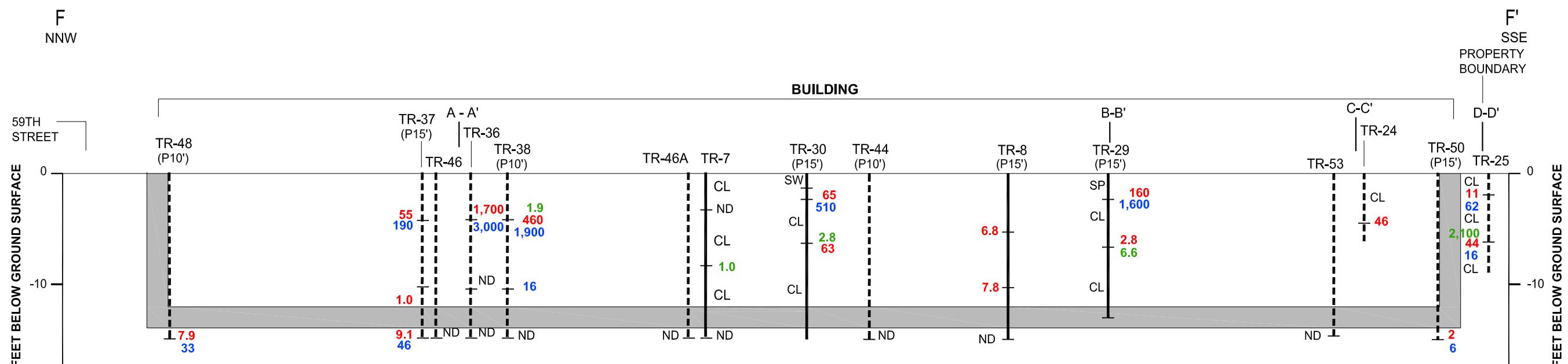
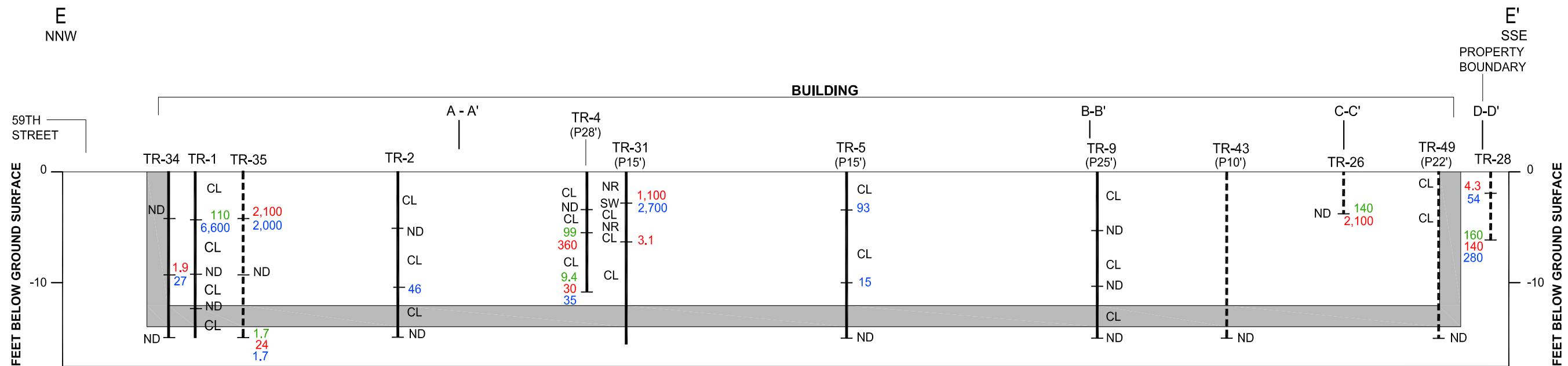
Project No. 103.001

Figure 4



ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

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



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 Sand

NR - No Recovery

TPH - Total Petroleum Hydrocarbon

mg/kg - Milligrams Per Kilogram

(P10') - Boring Projected 10 Fe

— Soil Sample Analyzed for Tl

 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

A coordinate plane with a vertical y-axis and a horizontal x-axis. The y-axis is labeled "10 Feet" at its top end. The x-axis is labeled "40 Feet" at its right end. Both axes have tick marks at "0" near their ends.

**ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California**

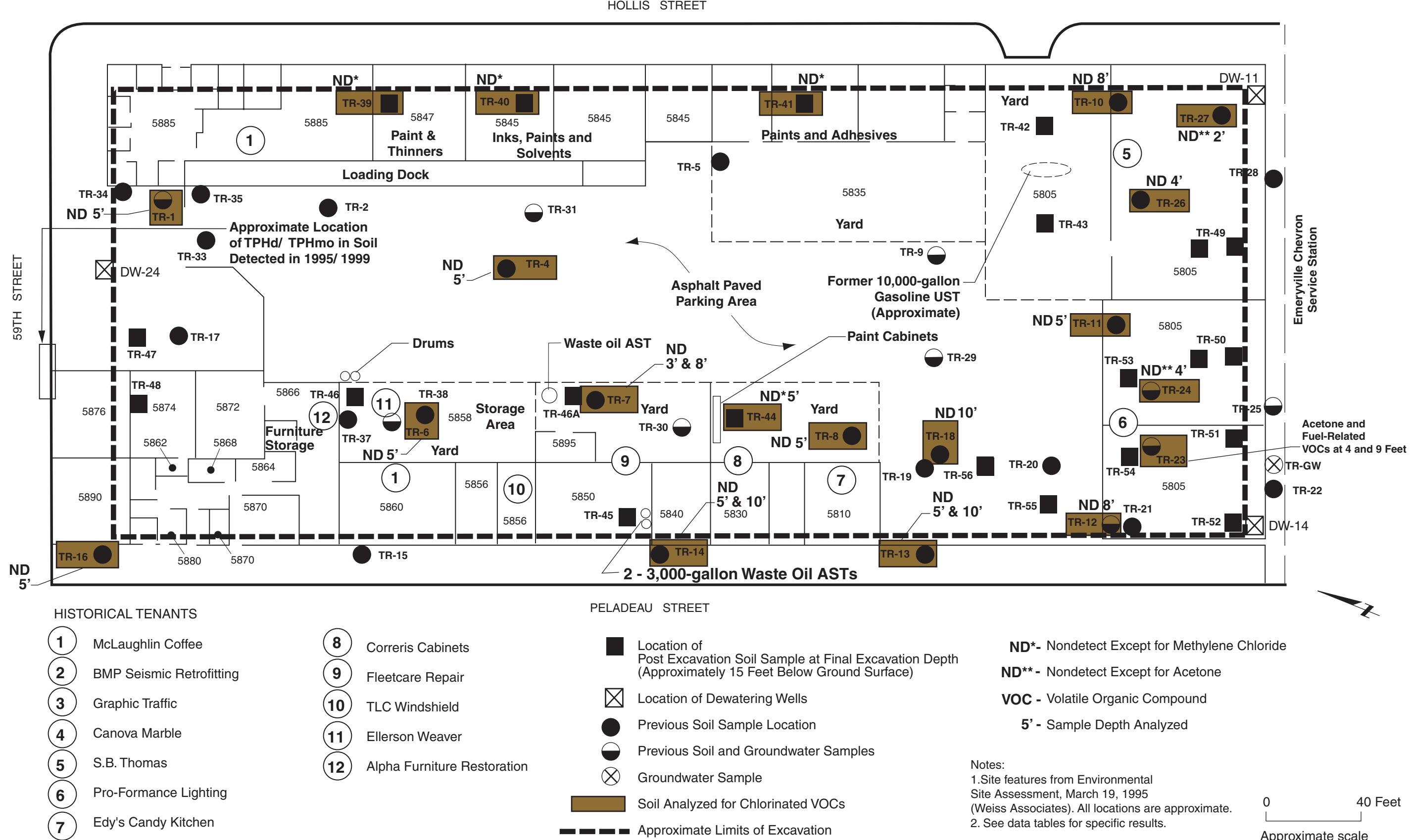
IDEALIZED CROSS SECTION E-E' AND F-F'

Leong Environmental, Inc.

Date 12/16/08

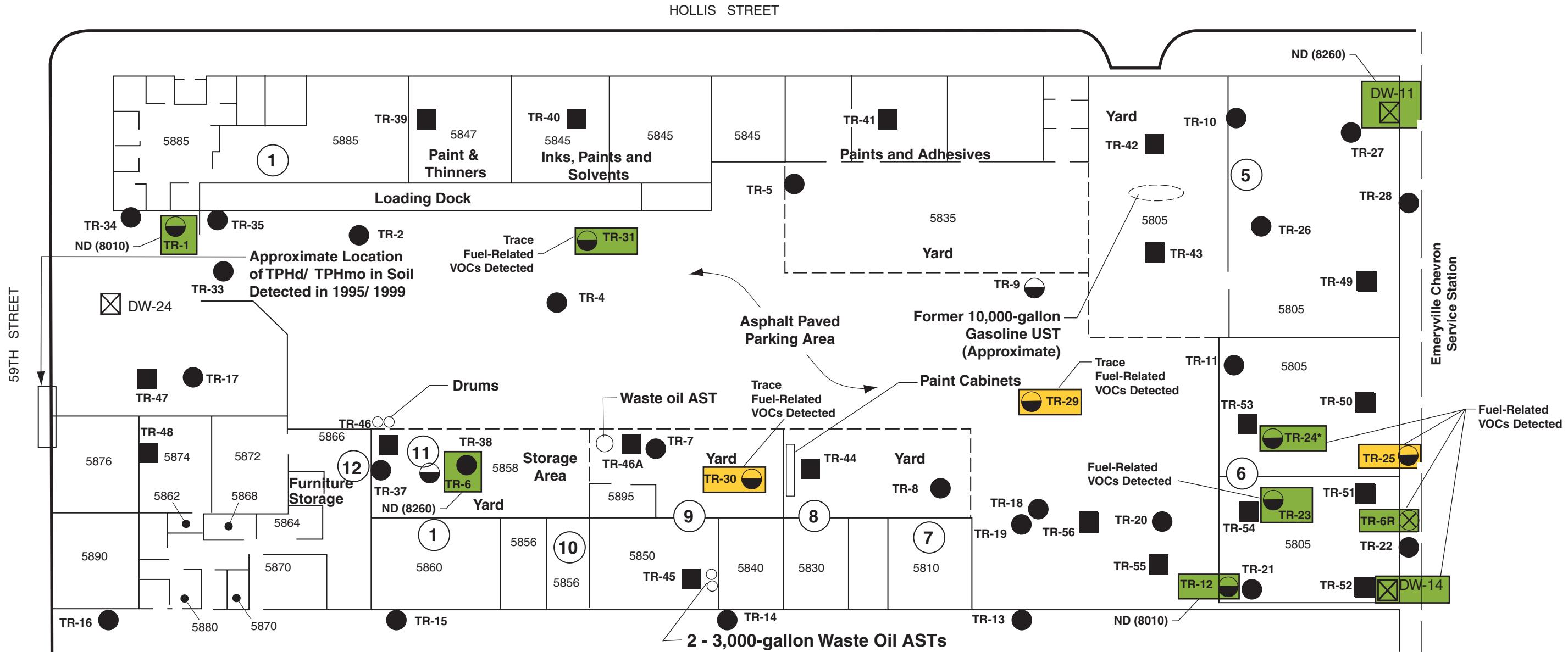
Project No. 103.001

Figure 6



ALDERS PROPERTY
5812 HOLLIS STREET
Emeryville, California

SOIL SAMPLE LOCATIONS ANALYZED FOR CHLORINATED VOCs



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

PELADEAU STREET

- 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
- [Green Box] Groundwater Analyzed for Chlorinated VOCs
- [Yellow Box] 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

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

Sample	Sample	Sample	TPHd	TPHmo	TPHg	TRPH	VOCs by 8010	Benzene	Toluene	Acetone	2-Butanone	Isopropyl benzene	Propyl benzene	Ethyl benzene	m,p-Xylenes	o-Xylenes	1,3,5-Trimethyl benzene	1,2,4-Trimethyl benzene	sec-Butyl benzene	para-Isopropyl toluene	n-Butyl benzene	Naphthalene	Carbon Disulfide by 8260	Other VOCs by 8260	Benzo(a)pyrene by EPA 8270	Other SVOCs by 8270	Aroclor-1260	Other PCBs
	ID	Date	Depth	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	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	< 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	< 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	< 5	ND	--	--	--	
TR-6-10.0	4/5/2000	10	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TR-6-15.0	4/5/2000	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 330	--	< 330	ND	--	--		
TR-7-3.0	4/5/2000	3	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	< 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	< 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	--	--																				

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

Sample	Sample	Sample	TPHd	TPHmo	TPHg	TRPH	VOCs by 8010	Benzene	Toluene	Acetone	2-Butanone	Isopropyl benzene	Propyl benzene	Ethyl benzene	m,p-Xylenes	o-Xylenes	1,3,5-Trimethyl benzene	1,2,4-Trimethyl benzene	sec-Butyl benzene	para-Isopropyl toluene	n-Butyl benzene	Naphthalene	Carbon Disulfide by 8260	Other VOCs by 8260	Benzo(a)pyrene by EPA 8270	Other SVOCs by 8270	Aroclor-1260	Other PCBs
ID	Date	Depth	mg/kg	mg/kg	mg/kg	mg/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
TR-18-8.0	4/5/2000	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
TR-18-10.0	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-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	<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	<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	<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	<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	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<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	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<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	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<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	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<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	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
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	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	
TR-35-4.0	8/11/05	4.0</																										

Table 2
SOIL ANALYTICAL RESULTS
Total Petroleum Hydrocarbons in Soil
5885 Hollis Street
Emeryville, California

Sample ID	Date	TPH-g	TPH-d	TPH-mo
TR-39	5/4/2006	<1.0	--	--
TR-40	5/4/2006	<0.96	--	--
TR-41	5/4/2006	<1.0	--	--
TR-42	5/4/2006	<1.1	--	--
TR-43	5/4/2006	<0.98	--	--
TR-44	5/10/2006	<0.99	--	--
TR-45	5/10/2006	--	<1.0	<5.0
TR-46	5/12/2006	--	<1.0	<5.0
TR-46A	5/10/2006	--	<1.0	<5.0
TR-47	5/12/2006	--	<0.99	<5.0
TR-48	5/12/2006	--	7.9 H Y	33 L
TR-49	5/4/2006	<0.97	<1.0	<5.0
TR-50	5/4/2006	<0.93	2.0 H Y	6.0
TR-51	5/4/2006	<1.1	<0.99	<5.0
TR-52	5/4/2006	10 H Y	1.9 H Y	<5.0
TR-53	5/4/2006	<0.99	<1.0	<5.0
TR-54	5/4/2006	<1.1	2.0 H Y	5.8
TR-55	5/4/2006	<1.1	<1.0	<5.0
TR-56	5/4/2006	<0.94	1.4 H Y	<5.0
ESLs		400	500	1,000

Notes

All soil samples were collected from the completed grade, approximately 15 feet below sidewalk grade.

All results reported in milligrams per kilogram (mg/kg). Results shown in bold are detected concentrations.

Total Petroleum Hydrocarbons (TPH) quantified as gasoline (TPH-g), diesel fuel (TPH-d), and motor oil (TPH-mo) analyzed by EPA Method 8015. TPH-d and TPH-mo analyzed with silica gel cleanup.

<1.0 = Compound not detected above laboratory reporting limit.

H = Heavier hydrocarbons contributed to the quantitation

Y = Sample exhibits chromatographic pattern which does not resemble standard.

-- = Not Analyzed

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

Sample ID	Sample Date	Fuel Oxygenates						BTEX			Lead Scavengers		Methylene Chloride	Other VOCs	
		TBA	MTBE	DIPE	ETBE	TAME	Ethanol	Benzene	Toluene	Ethyl-benzene	Total Xylenes	EDB	EDC		
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 ($\mu\text{g}/\text{kg}$). 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 4
SUMMARY OF PREVIOUS GROUNDWATER SAMPLE DATA - ORGANICS
5885 Hollis Street
Emeryville, California

Sample	Sample	TPHd	TPHmo	TPHg	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	Isopropylbenzene	Propylbenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	sec-Butylbenzene	Naphthalene	Acetone	Other VOCs
ID	Date	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/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	< 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	< 25	120	240	45	160	< 25	380	< 500	ND (8260)
TR-24 (GW)	6/15/2005	6800 L	--	91000 Y	2500	31	950	380	380	210	110	290	43	70	710	35	**
TR-25 (GW)	1/20/05	NA	NA	150,000 Y	2,500	< 10	3,600	1,100	620	--	--	--	--	--	--	--	--
TR-29 (GW)	1/20/05	280 H Y	340 L	< 50	< 0.5	0.61 C	< 0.5	0.60 C	< 0.5	--	--	--	--	--	--	--	--
TR-30 (GW)	1/20/05	640 H Y	960	< 50	< 0.5	0.85 C	< 0.5	0.85 C	< 0.5	--	--	--	--	--	--	--	--
TR-31 (GW)	1/20/05	270 H Y	1,500	< 50	< 0.5	0.56 C	< 0.5	0.57 C	< 0.5	--	--	--	--	--	--	--	ND
Maximum		8400	1500	150000	4300	31	3600	1100	620	210	240	290	160	70	710	35	ND
ESL (Table E-1a) Residential - high permeability*		500	640	500	540	380,000	170,000	160,000	160,000	NA	NA	NA	NA	NA	3,200	53,000,000	NA
ESL (Table E-1a) Commercial - high permeability*		640	640	500	1,800	380,000	170,000	160,000	160,000	NA	NA	NA	NA	NA	11,000	150,000,000	NA
Maximum vs. Residential ESL		Exceeds ESL	Exceeds ESL	Exceeds ESL	Exceeds ESL	Less than ESL	Less than ESL	Less than ESL	Less than ESL	NA	NA	NA	NA	NA	Less than ESL	Less than ESL	ND
Maximum vs. Commercial ESL		Exceeds ESL	Exceeds ESL	Exceeds ESL	Exceeds ESL	Less than ESL	Less than ESL	Less than ESL	Less than ESL	NA	NA	NA	NA	NA	Less than ESL	Less than ESL	ND

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 Hydrocarbons 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)

< 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 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

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											EDC		Other VOCs		
		Gasoline	Diesel Fuel	Motor Oil	TBA	MTBE	DIPE	ETBE	TAME	Ethanol	B	T	E	X	EDB					
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	NE	20,000	400	300	5,300	50,000	50,000	Varies			
ESLs - Vapor Intrusion	NE	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 ($\mu\text{g/L}$). Detected concentrations shown in bold.

L = 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 1-2 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.