

Soil and Grounwater Sampling Results - 6159 Acacia

Sample ID No.	Sample Depth (feet bgs)	Matrix	Unit	TPH-DRO	Benzene	Toluene	Xylenes	Napthalene	TPH-MRO	Ethyl Benzene
Previous Sample	3.0-3.5	Soil	mg/kg	7,900	NA	NA	NA	NA	NA	NA
Previous Sample	8.0-8.5	Soil	mg/kg	1,400	NA	NA	NA	NA	NA	NA
6159-SS-01	4.5-5.0	Soil	mg/kg	ND	ND	ND	ND	ND	ND < 2.1	ND < 2.1
6159-SS-02	8.0-8.5	Soil	mg/kg	2,400	ND	ND	ND	0.053	ND < 2.1	ND < 2.1
6159-SS-03	9.5-10.0	Soil	mg/kg	890	ND	ND	ND	0.025	ND < 2.1	ND < 2.1
6159-SS-04	11.5-12.0	Soil	mg/kg	66	ND	ND	ND	ND	ND < 2.1	ND < 2.1
6159-GW-01	9.0-10.5	Water	µg/L	ND	0.43	0.1	0.12	33	ND < 2.1	ND < 2.1
San Francisco Bay Area		Soil	mg/kg	83	0.04	2.9	2.3	1.2		
Tier 1 ESLs*		Water	µg/L	100	1	40	20	6.2		

Notes:

Previous sampling results from documentaiton suplimenting an ACEH letter dated May 18, 1992; no laboratory report available

*San Francisco Bay Regional Water Quality Control Board Tier 1 ESLs, 2013

BOLD sample results exceed ESLs

bgs = below ground surface

ESL = environmental screening level

NA = not available

ND = not detected above the method reporting limit

TPH-DRO = total petroleum hydrocarbons as diesel-range organics

TPH-MRO = total petroleum hydrocarbons as motor oil-range organics

mg/kg = milligram per kilogram

µg/L = microgram per liter

Project: Investigation at 6159 Acacia Ave

Boring: **SB-1**

Drilling Co: **Cascade**

Drilling Method: **4-inch Hand and Auger**

Date Started: **4/16/13**

Location: **Backyard**

Sampler: **P. Bratton**

Date Completed: **4/16/13**

Logged by: **P. Bratton**

Reviewed by: **T. Angus**

Water Level (feet bgs):

▼ At Completion **4**

DEPTH - FT.	BLOW COUNT	% RECOVERY	FIDIPID (ppm)	SAMPLES	GRAPHIC LOG	DESCRIPTION	USCS SYMBOL	ESTIMATED % OF			MOISTURE
								GR	SA	FI	
0			0.0			GRASS	TOPSOIL	10		90	D
1						CLAY (CL); brown; dry; high plasticity; stiff; 10% small gravel; possible organics present					
2						2 to 3 inch rock; green; sub-rounded; possibly Greenstone					
3						slightly reddish-brown; moist		10		90	M
4						wet; collected sample 6159-SS-01					W
5						brown; dry					
6						less gravel	CL				
7			5.5			brown/green; slight odor					
8						less gravel					
8						wood debris					
8			19.7			wet; odor; collected sample 6159-SS-02 (10 inches)					W
9						collected groundwater sample 6159-GW-01					
10						tight; no gravel; collected sample 6159-SS-03					
10			9.8								
11						dry; tight; 5% small rounded gravel		5		95	D
11.5						refusal at 11.5'; fractured bedrock in auger					
						Bottom of boring at 11.5 feet bgs					

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Engineering/Remediation Resources Group, Inc.
 4585 Pacheco Blvd.
 Martinez, CA 94553
 Phone: 9259690750
 Fax: 9259690751

Lithologic Log for SB-1
Earle Shenk

Project Location:

6159 Acacia Ave

Project No.

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