

TABLE 1
SAMPLE COLLECTION AND ANALYSIS SUMMARY
 Santa Cruz Branch Line
 Santa Cruz County, California

	Location	Current UPRR Milepost	Former Milepost ¹	No. of Borings	Sample Depth ²	No. of Soil Analyses ^{3,4}						
						TPHg	TPHd	TPHm	PAHs	Metals	VOCs	Pst
Section I	Davenport - Drainage Tunnel		91.3	1	5*, 10	2	2		2	2	2	
	Davenport - Loading Shed and Freight Depot		90.7	2	1, 5, 10	6	6		6	6	4	2
	Potential UST & Engine House		85.9	2	1, 5, 10	6	6		6	6	4	
	Systematic Sampling (Agricultural)		85.5 - 86.5	4	0.5, 1.5, 3		4 - 12	4 - 12	4 - 12	4 - 12		4 - 12
Section II	Dumping near Mission Industrial Lands		81.0	1	0.5, 1.5, 3		1 - 3	1 - 3	1 - 3	1 - 3	1 - 2	
	Atypical Soil Staining		79.5	1	0.5, 1.5, 3		1 - 3	1 - 3	1 - 3	1 - 3	1 - 2	
	Santa Cruz Station - Tool House		79.5	1	1, 5, 10	3	3		3	3	2	
	Santa Cruz Station - Motorcar House		120.4	1	1, 5, 10	3	3		3	3	2	
	Santa Cruz Station - Freight House		120.4	1	1, 5, 10	3	3		3	3	2	
	Seabright Station		119.4	1	1, 5, 10	3	3		3	3	2	
Section III	Lumber Yard, Paint Shop, and Boat Repair Facility		118.9	2	1, 5, 10	6	6	6	6	6	4	
	Systematic Sampling (Residential)		117-118	4	0.5, 1.5, 3		4 - 12	4 - 12	4 - 12	4 - 12		
	Former Freight House		116.6	2	1, 5, 10	6	6	6	6	6	4	

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Section IV	Systematic Sampling (Undeveloped)	106.5-107.5	4	0.5, 1.5, 3		4 - 12	4 - 12	4 - 12	4 - 12		
	Systematic Sampling (Agricultural)	103.5-104.5	4	0.5, 1.5, 3		4 - 12	4 - 12	4 - 12	4 - 12		4 - 12
	Surface Staining	103.2	2	0.5, 1.5, 3		2 - 6	2 - 6	2 - 6	2 - 6	2 - 4	
	Systematic Sampling (Industrial)	102.0-103.0	8	0.5, 1.5, 3		8 - 24	8 - 24	8 - 24	8 - 24		
	Materials Storage at Former Exxon Fueling Station	~102.6	1	1, 5, 10	3	3	3	3	3	2	
	Surface Staining Discharge from Drisco Pipe	102.4	2	0.5, 1.5, 3		2 - 6	2 - 6	2 - 6	2 - 6	2 - 4	
	Surface Staining Adjacent to Granite Rock	102.2	2	0.5, 1.5, 3		2 - 6	2 - 6	2 - 6	2 - 6	2 - 4	
	Surface Staining	102.0	2	0.5, 1.5, 3		2 - 6	2 - 6	2 - 6	2 - 6	2 - 4	
	In-ground Oil Tanks	101.4	2	1, 5, 10	6	6	6	6	6	4	
	Railroad Ties ⁵			4	0.5, 1.5, 3				4 - 12	4 - 12	4 - 8

Notes:

- Approximate locations of soil borings are based on Southern Pacific Railroad Company's milepost markers for the former Davenport Branch Line (milepost 91.3 in Davenport to milepost 79.3 at the Santa Cruz Junction), and for the former Santa Cruz Branch Line (milepost 120.4 [equal to milepost 79.3 on the Davenport Branch Line] to milepost 100.8 in Watsonville).
- Measured in feet below ground surface
- TPHg = total petroleum hydrocarbons quantified as gasoline by EPA Method 8015M
TPHd = total petroleum hydrocarbons quantified as diesel by EPA Method 8015M
TPHm = total petroleum hydrocarbons quantified as motor oil by EPA Method 8015M
PAHs = Polycyclic Aromatic Hydrocarbons by EPA Method 8270 SIMS
Metals = CAM 17 Metals by EPA 6000/7000 series for targeted locations; LUFT 5 metals for Systematic Samples
VOCs = volatile organic compounds by EPA Method 8260, 1-foot sample will not be analyzed.
Pst = pesticides by EPA Method 8081A
- Range of soil analyses reflects phased analytical program. Initially only the shallow sample will be analyzed for the chemicals indicated, except for VOCs as indicated above; deeper samples will be analyzed based on the results of the shallow samples.
- Soil sample will be collected approximately 0.5 feet below ground surface as close to railroad ballast as possible.
* = 5 ft sample will also be analyzed for pH.