



RISBLT-01

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0-1	ND	ND	ND	ND	ND	ND	ND	ND	0/N/N
5	1.4488	ND	ND	ND	ND	0.069	ND	ND	0/N/N
10	0.2292	ND	ND	ND	0.028	ND	ND	ND	0/N/N
20	0.3018 R	ND	ND	ND	ND	ND	ND	ND	0/N/N

RISBLT-11

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	ND	ND	ND	0.082	ND	ND	0/N/N
5	0.016	ND	0.023	ND	0.0432	0.004	ND	ND	0/N/L
10	0.0234	0.25	ND	ND	ND	0.028	ND	ND	0/N/N

RISSLT-02

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	0.0035	ND	ND	0.048	ND	ND	0/N/N

RISSLT-01

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	0.0048	0.52	ND	ND	0.0346	0.2122	ND	ND	0/N/N

RISBLT-12

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	0.0191	ND	ND	ND	ND	0.0351502	0/N/N
5	0.0051	ND	0.23	ND	ND	ND	ND	ND	0/N/N
10	0.015	ND	0.0159	ND	ND	0.0061	ND	ND	0/N/N

RISBLT-07

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	0.0015	0.2	0.0038	ND	1.33	0.01	ND	ND	0/N/N
5	0.0055	0.2	ND	ND	ND	0.0426	ND	ND	0/N/N
9	0.0091	ND	ND	ND	ND	0.085	ND	ND	0/N/L
20	ND	ND	0.0047	ND	ND	0.013	ND	ND	0/N/N
42	2.34 RI	ND	ND	ND	ND	ND	ND	ND	0/N/N

RISBLT-02

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	0.114	1.97	0.1158	ND	1498.452 RI	ND	ND	ND	0/N/M
5	0.015	0.3	ND	ND	4.7	0.013	ND	ND	0/L/L
10	0.0991	ND	ND	ND	ND	ND	ND	ND	0/N/N
20	0.4186	ND	ND	ND	0.016	ND	ND	ND	0/N/N

RISBLT-06

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
15	ND	ND	ND	ND	0.837	0.015	ND	ND	0/N/M
20	0.0156	ND	ND	ND	4.7	0.031	ND	ND	0/N/M
24.25	-	-	-	-	-	-	-	-	-
44.5	0.1748	ND	ND	0.048	0.049	0.049	0.049	0.049	0/N/M
44.5	3.63908 RI	ND	ND	0.048	0.8	0.281	ND	ND	0/N/N

RISBLT-03

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0.25	ND	ND	ND	ND	0.00093	ND	ND	ND	0/N/M
5	ND	ND	ND	ND	ND	ND	ND	ND	0/N/N
10	0.091	ND	ND	ND	ND	ND	ND	ND	0/N/N
20	0.0098	ND	ND	ND	0.49	ND	ND	ND	0/N/N

RISSLT-03

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	ND	ND	0.0041	0.2	ND	ND	0/N/N

RISSLT-06

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	ND	ND	0.0022	0.17	ND	ND	0/N/N

RISBLT-08

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	0.084	ND	ND	0.0553	0.015	ND	ND	0/N/N
5	0.0057	ND	ND	ND	0.068	0.023	ND	ND	0/N/N
10	ND	ND	ND	ND	0.039	0.012	ND	ND	0/N/N
22	0.0013	ND	ND	ND	ND	ND	ND	ND	0/N/N
42.5	0.3704 R	ND	ND	ND	ND	0.048	ND	ND	0/N/M
43	-	-	-	-	-	-	-	-	-
48	3.8883	ND	ND	ND	0.013	0.022	ND	ND	0/N/N

RISBLT-13

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0.5	0.0348	ND	ND	ND	0.85081	0.0047	ND	ND	0/N/R
5	ND	0.27	ND	ND	ND	0.021	ND	ND	0/N/R
10	0.0068	ND	ND	ND	0.0239	0.041	ND	ND	0/N/R
20	0.0016	ND	ND	ND	0.023	ND	ND	ND	0/N/R

RISBLT-04

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0.25	0.0024	ND	ND	ND	0.018	ND	0.3494462	ND	0/N/N
5	ND	ND	ND	ND	33.262	ND	0.0712025	ND	0/N/M
10	ND	ND	ND	ND	ND	ND	0.00591	ND	0/N/N
20	0.0021	ND	ND	ND	5.023	ND	ND	ND	0/N/N

RISBLT-05

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	ND	ND	0.0014	0.014	ND	ND	0/N/N
5	ND	0.18	ND	ND	ND	0.01	ND	ND	0/N/L
10	0.0052	ND	ND	ND	ND	0.139	ND	ND	0/N/R
20	0.0061	ND	0.0368	ND	3.116	0.063	ND	ND	0/N/L
43	2.5 RI	ND	ND	ND	ND	ND	ND	ND	0/N/L

RISBLT-09

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	0.0193	ND	0.0193847	ND	0.0193847	ND	0/N/N
5	ND	ND	0.0155	ND	0.014	0.0140941	0.014	0.0140941	0/N/N
19	0.0029	ND	ND	ND	0.53	0.011	0.0161905	0.011	0/N/N
36	0.2632	ND	ND	ND	ND	0.0099	ND	ND	0/N/N

RISBLT-10

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0.5	0.0341	ND	ND	ND	0.067	0.0640667	ND	ND	236/N/R
5	0.2947	ND	0.0047	ND	3.091	0.06	0.7357771	0.06	0/N/R
10	ND	ND	ND	ND	0.028	0.017	0.0216358	0.017	0/N/N
20	0.002	ND	ND	ND	ND	ND	ND	ND	0/N/N

RISSLT-05

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	ND	ND	0.0601	0.1986	ND	ND	0/N/N

RISSLT-04

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/HS	PPC/As	D/Fs	PCBC	Field Obs
0	ND	ND	0.0121	ND	4.0295	ND	0.3536549	ND	0/N/N

Notes:

Laboratory Analytical Results
 ND = None Detected
 x.xx = Reported Concentration
 * D/F in ng/kg
 * All others in mg/kg

blank space = No Test Conducted at Particular Depth

Screening Level Exceedance
 R = EPA Region 9 Residential PRG
 r = Cal-Modified Residential PRG
 I = EPA Region 9 Industrial PRG
 i = Cal-Modified Industrial PRG
 E = Lowest Ecological Screening Level

PID Field Observation (PID)
 x.xx = Headspace Reading (ppmv)

Visual (V) and Odor (O) Field Observations
 N = None
 L = Light
 M = Moderate
 H = Heavy

 Water table encountered in borehole

Analytical Categories
 VOCs = Summed Volatile Organic Compounds
 SVOCs = Summed Semi-Volatile Organic Compounds
 PAHs = Summed Polycyclic Aromatic Hydrocarbons
 PCBs = Summed Polychlorinated Biphenyls
 P/HS = Summed Pesticides and Herbicides
 PPC/As = Summed Poor-Purging Compounds and Alcohols
 D/Fs = Dioxin/Furan TEQ
 PCBC = PCB Congener TEQ

Explanation

Soil Sample Locations

- ▲ Surface Soil (Type 2)
- Surface to Shallow Soil (Type 3)
- ⊗ Surface to Medium Soil (Type 4)
- ⊕ Surface to Deep Soil (Type 5)
- Surface to Deep Soil - Groundwater and/or Contact if Encountered (Type 6)
- ⊕ NAPL (Type 7)

Other Site Features

- - - Liquids Treatment Area Boundary
- ⊕ Monitoring Well
- ⊗ Liquids Extraction Well
- ⊕ Piezometer
- Perimeter Source Control Trench (Brierly & Lyman, 1989)
- Existing Sanitary Sewer Line
- Historical Natural Drainage (Based on 1956 Photo, 1974 Topographic Maps, and Figures 21-2 and 21-3 Woodward-Clyde, 1988)
- Road Remnants
- Historical Features

Source: Topographic base map provided by Pacific Engineering, Inc. from aerial survey dated March 4, 2004.

0 60 120
 Scale in Feet

Figure B-12b
Summary Analytical Results and Field Observations
Liquids Treatment Area
 Final Remedial Investigation Report
 Casmalia Resources Superfund Site
 January 2011