

RISBON-16

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.42	ND	ND	ND	ND	0.1148399			0/N/R
5	0.06	0.4	ND	ND	0.0024	0.0408657			0/N/R
10	0.013	0.42	ND	ND	0.0017	ND			0/N/R

RISBON-89

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0.5	ND	ND	0.14 RI	ND	ND				0/N/R
0.5	ND	ND	0.11 RI	ND	ND				0/N/R
8.5	ND	ND	0.11 RI	ND	ND				0/N/R
21	ND	ND	0.11 RI	ND	ND				0/N/R

RISBON-06

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.32	ND	0.13	0.0221				2.110945	0/N/R
5	0.003	0.34	ND	ND	ND				0/N/R
10	0.0032	0.4	ND	ND	ND				0/N/R

RISBON-17

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	ND	ND	0.55 R	0.05983				0.082979	0/N/R

RISSRS-27

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	ND	ND	ND	ND	0.0082				0/N/R
5	ND	ND	ND	ND	ND				0/N/R

RISBON-84

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0.5	0.0069	ND	0.137	0.041	0.0153	0.079			0/N/R
5	ND	ND	0.0042	ND	0.0079	0.087			0/N/R
8	0.00625	ND	0.137	ND	ND	0.059			0/N/R
18	0.0044	ND	0.267	0.039	0.07025	0.054			0/N/R
38	0.00671	ND	0.0037	ND	ND	0.076			0/N/R

RISBON-52

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.031	ND	ND	ND	0.14	0.3934554			0/N/R
5	0.00086	ND	ND	ND	5.1	0.026	0.0966102		0/N/R
10	ND	ND	ND	ND	6	0.016	0.003767		0/N/R
20	ND	ND	ND	ND	5.2	0.013			0/N/R
36.5	ND	ND	ND	ND	5.2	0.013			0/N/R

RISBON-87

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	ND	ND	ND	ND	ND				0/N/R
9	ND	ND	ND	ND	ND				0/N/R
13	ND	ND	ND	ND	ND				0/N/R
17	ND	ND	ND	ND	ND				0/N/R
21	ND	ND	ND	ND	ND				0/N/R
29	ND	ND	ND	ND	ND				0/N/R
33.5	ND	ND	ND	ND	ND				0/N/R
37	ND	ND	ND	ND	ND				0/N/R

RISBON-86B

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
6	0.01333	5.1	0.255	ND	ND				0/N/R
15	ND	ND	1.6227 RI	ND	ND				0/N/R
30	ND	ND	0.1325 RI	ND	ND				0/N/R

RISBON-87B

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.0074	ND	0.8641 RI	ND	0.00043				0/N/R
17	0.1156	ND	0.378	0.36 R	0.02423				0.9/N/L
35	ND	ND	0.6827 RI	ND	ND				0/N/R

RISBON-55

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.067	ND	ND	ND	0.0066	0.0623141			0/N/R
5	ND	ND	0.0057	0.153	0.022	0.0978	0.6334735	2.442845	0/N/R
10	0.0274	0.17	0.1871	ND	0.03	0.041	0.3236299		0/L
20	0.0163	0.22	0.1024	ND	3.2	0.012			0/N/R
34	ND	ND	ND	ND	ND				0/N/R
42	0.0062	ND	0.0032	ND	0.081	0.005			0/N/R

RISBON-86

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0.5	ND	ND	5.7/N/L						0/N/R
4	ND	ND	0/N/L						0/N/R
9	ND	ND	0/N/L						0/N/R
13	ND	ND	0/N/L						0/N/R
20	ND	ND	0/N/R						0/N/R
25	ND	ND	0/N/R						0/N/R
30	ND	ND	0/N/R						0/N/R
39	ND	ND	0/N/R						0/N/R

RISBON-15

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0	0.022	0.26	0.0195	0.064	0.012			1.2636387	0/N/R
5	0.0022	0.25	0.0093	ND	ND				0/N/R
10	0.002	0.74	0.1679	0.045	0.018				0/N/R

RISBON-88

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
1	ND	ND	ND	ND	ND				0/N/R
8.5	ND	ND	ND	ND	ND				0/N/R
14	ND	ND	ND	ND	ND				0/N/R
17.5	ND	ND	ND	ND	ND				0/N/R
21	ND	ND	ND	ND	ND				0/N/R
25	ND	ND	ND	ND	ND				0/N/R
29	ND	ND	ND	ND	ND				0/N/R
37	ND	ND	ND	ND	ND				0/N/R
41	ND	ND	ND	ND	ND				0/N/R
48	ND	ND	ND	ND	ND				0/N/R

RISBON-83

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
10	0.00045	0.06	0.0023	ND	ND	0.14 R			0/L/L
20	0.00308	ND	ND	ND	ND	0.15			0/N/R
30	0.00289	ND	0.0015	ND	ND	0.225 RI			0/N/L
30.34	ND	ND	ND	ND	ND				0/N/L
40	0.00042	ND	0.065	ND	ND	0.084			0/N/R
55	ND	ND	0.43 RI	ND	0.02	ND			0/N/R

RISBON-85

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
0.5	ND	ND	0.019	0.0415	0.015				0/N/R
5	ND	ND	0.0034	ND	0.0397	ND			0/N/R
16	ND	ND	0.018	ND	0.0498	0.038			0/N/R
19	ND	ND	0.072	ND	0.04206	0.04			0/N/R
20	0.00253	ND	0.072	ND	0.04206	0.04			0/N/R
51	0.02256	ND	0.424 RI	ND	ND	ND			0/N/R

RISBON-88B

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
10	0.0086	7.895	0.0354	ND	ND				0/N/R
21	0.00076	3.481	0.0616	ND	ND				0/N/L
41	ND	ND	ND	ND	ND				0/N/R
42	0.00065	ND	0.68 RI	ND	ND				0/N/R

RISBON-59

Depth (feet)	VOCs	SVOCs	PAHs	PCBs	P/Hs	PPC/As	D/Fs	PCBC	Field Obs PID/V/O
29	52.83	3.4	1.415	ND	0.9	0.79 RI			0/N/R

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 Exceedence
 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 - Groundwater and/or Contact if Encountered (Type 6)
- NAPL (Type 7)

Other Site Features

- Casmalia Site Boundary
- Study Area Boundary
- Cross Section Line
- Monitoring Well
- Perimeter Control Trench (Brierty & Lyman, 1989)
- Fence
- Road Remnants
- Historical Natural Drainage (Based on 1956 Photo, 1974 Topographic Maps, and Figures 21-2 and 21-3 Woodward-Clyde, 1988)
- Historical Features
- Stormwater Pond
- Treated Liquid Impoundment

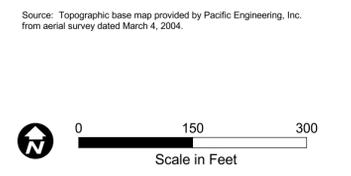


Figure B-21c
Summary Analytical Results and Field Observations
RISBON-59 Area
 Final Remedial Investigation Report
 Casmalia Resources Superfund Site
 January 2011