

**Table 4 Revision 1
RI Soil Vapor Sampling Results**

Analyte	Location ID	BH-36	BH-39
	Sample Name	BH-36-SV	BH-39-SV
	Sample Date	6/17/2011	6/16/2011
	Sample Depth	4.5 - 4.5 ft	5 - 5 ft
Total Petroleum Hydrocarbons (µg/m3)	Screening Level¹		
APH (C5-C8 Aliphatic)	27,000	8,000	184
APH (C8-C12 Aliphatic)	1,400 ²	6,480	135 U
APH (C8-C10 Aromatic)	1,800 ³	2,800	160
APH (C10-C12 Aromatic)	--	130 U	120 U
Volatile Organics (µg/m3)			
1,2-Dibromoethane (Ethylene dibromide)	0.04	8.9 U	8.3 U
1,2-Dichloroethane	0.96	4.7 U	4.4 U
Benzene	3.2	93	11
Ethylbenzene	4,600	300	25
m,p-Xylene	460	1,300	110
Methyl tert-butyl ether (MTBE)	96	4.2 U	3.9 U
o-Xylene	460	410	30
Toluene	22,000	1,400	150
Total Xylene (U = 1/2)	--	1,710	140

Notes:

Totals are calculated as the sum of all detected results and 1/2 the undetected reporting limit. If all are undetected results, the highest reporting limit value is reported as the sum.

- 1 Draft Guidance for Evaluating Soil Vapor Intrusion in Washington State, Table B-1
- 2 Criteria is for C9-C12 fraction but analytical data included C8 range therefore the concentration is a conservative value
- 3 Criteria is for C9-C10 fraction but analytical data included C8 range therefore the concentration is a conservative value

Bold Detected result

N Normal Field Sample

U Compound analyzed, but not detected above detection limit

 Detected concentration is greater than screening level

 Non-detected concentration is above screening level