Table B-3 Phase 1 RI Subsurface Soil Exeedances

Sample Location	Sample Number	Media	Date Collected	[1]Analyte	Concentration	Unit	Qualifier	[1]Human Health SL (mg/kg)	[2]Human Health SL Exceedance	
DSB-1	DSB-1-9.0-11.0	Subsurface Soil	5/13/2019	Arsenic	8.7	mg/kg		0.68	12.79	Yes
				Chromium (hexavalent)	1.5	mg/kg		0.3	5.00	Yes
DSB-2	DSB-2-2.0-5.0	Subsurface Soil	5/13/2019	Arsenic	6.5	mg/kg		0.68	9.56	Yes
				Chromium (hexavalent)	9.8	mg/kg		0.3	32.67	Yes
	DSB-2-9.0-11.0	Subsurface Soil	5/13/2019	Arsenic	6.7	mg/kg		0.68	9.85	Yes
				Chromium (hexavalent)	1.2	mg/kg		0.3	4.00	Yes
DSB-3	DSB-3-8.0-10.0	Subsurface Soil	5/15/2019	Arsenic	5	mg/kg		0.68	7.35	Yes
				Chromium (hexavalent)	1.2	mg/kg		0.3	4.00	Yes
DSB-4	DSB-4-13.0-15.0	Subsurface Soil	5/14/2019	Arsenic	14.2	mg/kg		0.68	20.88	Yes
DSB-5	DSB-5-2.0-5.0	Subsurface Soil	5/14/2019	Arsenic	3.6	mg/kg		0.68	5.29	Yes
				Chromium (hexavalent)	24.6	mg/kg		0.3	82.00	Yes
	DSB-5-9.0-11.0	Subsurface Soil	5/14/2019	Arsenic	22.1	mg/kg		0.68	32.50	Yes
				Chromium (hexavalent)	3.7	mg/kg		0.3	12.33	Yes
DSB-6	DSB-6-13.0-15.0	Subsurface Soil	5/14/2019	Arsenic	21.5	mg/kg		0.68	31.62	Yes
DSB-7	DSB-7-2.0-5.0	Subsurface Soil	5/15/2019	Arsenic	5.6	mg/kg		0.68	8.24	Yes
				Chromium (hexavalent)	25.4	mg/kg		0.3	84.67	Yes
	DSB-7-9.0-11.0	Subsurface Soil	5/15/2019	Arsenic	4.1	mg/kg		0.68	6.03	Yes
				Chromium (hexavalent)	14.5	mg/kg		0.3	48.33	Yes
DSB-8	DSB-8-2.0-5.0	Subsurface Soil	5/16/2019	Arsenic	5.7	mg/kg		0.68	8.38	Yes
				Chromium (hexavalent)	9.8	mg/kg		0.3	32.67	Yes
	DSB-8-2.0-5.0-D	Subsurface Soil	5/16/2019	Arsenic	6.9	mg/kg		0.68	10.15	Yes
	DSB-8-8.0-10.0	Subsurface Soil	5/16/2019	Arsenic	9.3	mg/kg		0.68	13.68	Yes
				Chromium (hexavalent)	10.9	mg/kg	J	0.3	36.33	Yes
	DSB-8-8.0-10.0-D	Subsurface Soil	5/16/2019	Chromium (hexavalent)	4.4	mg/kg	J	0.3	14.67	Yes
DSB-9	DSB-9-2.0-5.0	Subsurface Soil	5/13/2019	Arsenic	17.6	mg/kg		0.68	25.88	Yes
				Chromium (hexavalent)	1.2	mg/kg		0.3	4.00	Yes
	DSB-9-10.0-12.0	Subsurface Soil	5/13/2019	Arsenic	8.2	mg/kg		0.68	12.06	Yes
				Chromium (hexavalent)	3.3	mg/kg		0.3	11.00	Yes
JSB-1	JSB-1-2.0-5.0	Subsurface Soil	5/13/2019	Arsenic	4.3	mg/kg		0.68	6.32	Yes
				Chromium (hexavalent)	15.4	mg/kg		0.3	51.33	Yes
	JSB-1-9.0-11.0	Subsurface Soil	5/13/2019	Arsenic	5.1	mg/kg		0.68	7.50	Yes
				Chromium (hexavalent)	7.6	mg/kg		0.3	25.33	Yes

JSB-2	JSB-2-2.0-5.0	Subsurface Soil	5/16/2019	Arsenic	7.5	mg/kg		0.68	11.03	Yes
		Subsurface Soil	5/16/2019	Chromium (hexavalent)	53.5	mg/kg		0.3	178.33	Yes
	JSB-2-8.0-10.0	Subsurface Soil	5/16/2019	Arsenic	5.4	mg/kg		0.68	7.94	Yes
				Chromium (hexavalent)	10.8	mg/kg	J	0.3	36.00	Yes
	JSB-2-8.0-10.0-D	Subsurface Soil	5/16/2019	Chromium (hexavalent)	4.3	mg/kg	J	0.3	14.33	Yes
JSB-3	JSB-3-2.0-5.0	Subsurface Soil	5/13/2019	Arsenic	6.5	mg/kg		0.68	9.56	Yes
	JSB-3-2.0-5.0	Subsurface Soil	5/13/2019	Chromium (hexavalent)	0.49	mg/kg	J	0.3	1.63	Yes
	JSB-3-11.0-13.0	Subsurface Soil	5/13/2019	Arsenic	8.4	mg/kg		0.68	12.35	Yes
JSB-4	JSB-4-2.0-5.0	Subsurface Soil	5/13/2019	Chromium (hexavalent)	1.5	mg/kg		0.3	5.00	Yes
	JSB-4-13.0-15.0	Subsurface Soil	5/13/2019	Arsenic	6.8	mg/kg		0.68	10.00	Yes
				Chromium (hexavalent)	0.94	mg/kg		0.3	3.13	Yes
	JSB-4-2.0-5.0	Subsurface Soil	5/13/2019	Arsenic	6.5	mg/kg		0.68	9.56	Yes
MW-01	MW-1-6.0-8.0	Subsurface Soil	5/16/2019	Arsenic	11.4	mg/kg		0.68	16.76	Yes
				Chromium (hexavalent)	4	mg/kg		0.3	13.33	Yes
MW-02	MW-2-14.0-16.0	Subsurface Soil	5/14/2019	Arsenic	15.1	mg/kg		0.68	22.21	Yes
MW-03	MW-3-9.0-11.0	Subsurface Soil	5/15/2019	Arsenic	4.7	mg/kg		0.68	6.91	Yes

NOTE:

[1] RSLs (May 2019) as presented at EPA website at https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables (target hazard quotient of 1.0). Value is Based on Residential Soil

[2] The exceed column is the maximum detected concentration divided by the comparison criteria. Only comparisons where the maximum detected concentration exceeds the comparison

-- = Not applicable or not available.

J = Indicates an estimated value.

mg/kg = Milligram(s) per kilogram.

SL = Screening Level.