Table A-3 Phase 1 RI Surface Soil Exeedances

Sample Location	Sample Number	Media	Date Collected	Analyte	Concentration	Unit	Qualifier	[1]Human Health SL (mg/kg)	[2]Human Health SL Exceedance	[3]Ecological SL (mg/kg)	[2]Ecological SL Exceedance	HH Exceed
DSB-1	DSB-1-0.0-0.5	Surface Soil	5/13/2019	Arsenic	5.2	mg/kg		0.68	7.65	18	----	Yes
				Cadmium	0.4	mg/kg	J	71	----	0.36	1.11	----
				Chromium	19.6	mg/kg		120000	----	0.4	49.00	----
				Chromium (hexavalent)	0.72	mg/kg		0.3	2.40	0.4	1.80	Yes
				Lead	37	mg/kg		400	----	11	3.36	----
				Manganese	866	mg/kg		1800	----	220	3.94	----
				Vanadium	28.1	mg/kg		390	----	2	14.05	----
	DSB-1-0.5-2.0	Surface Soil	5/13/2019	Arsenic	5.3	mg/kg		0.68	7.79	18	----	Yes
				Cadmium	0.37	mg/kg	J	71	----	0.36	1.03	----
				Chromium	18.3	mg/kg		120000	----	0.4	45.75	----
				Chromium (hexavalent)	0.56	mg/kg		0.3	1.87	0.4	1.40	Yes
				Lead	92	mg/kg		400	----	11	8.36	----
				Manganese	819	mg/kg		1800	----	220	3.72	----
				Vanadium	28	mg/kg		390	----	2	14.00	----
DSB-2	DSB-2-0.0-0.5	Surface Soil	5/13/2019	Arsenic	6.1	mg/kg		0.68	8.97	18	----	Yes
				Cadmium	1.7	mg/kg		71	----	0.36	4.72	----
				Chromium	198	mg/kg		120000	----	0.4	495.00	----
				Chromium (hexavalent)	21.9	mg/kg		0.3	73.00	0.4	54.75	Yes
				Lead	33.6	mg/kg		400	----	11	3.05	----
				Manganese	1090	mg/kg		1800	----	220	4.95	----
				Mercury	0.31	mg/kg		11	----	0.1	3.10	----
				Vanadium	21.9	mg/kg		390	----	2	10.95	----
	DSB-2-0.5-2.0	Surface Soil	5/13/2019	Arsenic	5.8	mg/kg		0.68	8.53	18	----	Yes
				Cadmium	0.59	mg/kg		71	----	0.36	1.64	----
				Chromium	57.9	mg/kg		120000	----	0.4	144.75	----
				Chromium (hexavalent)	2	mg/kg		0.3	6.67	0.4	5.00	Yes
				Lead	17.9	mg/kg		400	----	11	1.63	----
				Manganese	1200	mg/kg		1800	----	220	5.45	----
				Vanadium	38.1	mg/kg		390	----	2	19.05	----
DSB-3	DSB-3-0.0-0.5	Surface Soil	5/15/2019	Arsenic	6	mg/kg		0.68	8.82	18	----	Yes
				Cadmium	3.9	mg/kg		71	----	0.36	10.83	----
				Chromium	736	mg/kg		120000	----	0.4	1840.00	----
				Chromium (hexavalent)	9.7	mg/kg		0.3	32.33	0.4	24.25	Yes
				Copper	29.5	mg/kg		3100	----	28	1.05	----
				Lead	63.2	mg/kg		400	----	11	5.75	----
				Manganese	879	mg/kg		1800	----	220	4.00	----
				Mercury	7.4	mg/kg		11	----	0.1	74.00	----
				Nickel	40	mg/kg		1500	----	38	1.05	----
				Vanadium	35.1	mg/kg		390	----	2	17.55	----
				Zinc	58.7	mg/kg	J	23000	----	46	1.28	----
	DSB-3-0.5-2.0	Surface Soil	5/15/2019	Arsenic	7.1	mg/kg		0.68	10.44	18	----	Yes
				Cadmium	12.1	mg/kg		71	----	0.36	33.61	----
				Chromium	2440	mg/kg		120000	----	0.4	6100.00	----
				Chromium (hexavalent)	20.5	mg/kg		0.3	68.33	0.4	51.25	Yes

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DSB-3	DSB-3-0.5-2.0	Surface Soil	5/15/2019	Copper	72.7	mg/kg		3100	----	28	2.60	----
				Lead	172	mg/kg		400	----	11	15.64	----
				Manganese	893	mg/kg		1800	----	220	4.06	----
				Mercury	10.7	mg/kg		11	----	0.1	107.00	----
				Nickel	100	mg/kg		1500	----	38	2.63	----
				Vanadium	41.2	mg/kg		390	----	2	20.60	----
				Zinc	122	mg/kg	J	23000	----	46	2.65	----
DSB-4	DSB-4-0.0-0.5	Surface Soil	5/14/2019	Arsenic	8.1	mg/kg		0.68	11.91	18	----	Yes
				Chromium	11.3	mg/kg		120000	----	0.4	28.25	----
				Chromium (hexavalent)	1.2	mg/kg		0.3	4.00	0.4	3.00	Yes
				Lead	14.8	mg/kg		400	----	11	1.35	----
				Manganese	744	mg/kg		1800	----	220	3.38	----
				Mercury	0.58	mg/kg		11	----	0.1	5.80	----
				Vanadium	42.5	mg/kg		390	----	2	21.25	----
	DSB-4-0.5-2.0	Surface Soil	5/14/2019	Arsenic	6.7	mg/kg		0.68	9.85	18	----	Yes
				Chromium	24.8	mg/kg		120000	----	0.4	62.00	----
				Chromium (hexavalent)	0.83	mg/kg		0.3	2.77	0.4	2.08	Yes
				Lead	21.4	mg/kg		400	----	11	1.95	----
				Manganese	835	mg/kg		1800	----	220	3.80	----
				Vanadium	40.5	mg/kg		390	----	2	20.25	----
DSB-5	DSB-5-0.0-0.5	Surface Soil	5/14/2019	Arsenic	5.2	mg/kg		0.68	7.65	18	----	Yes
				Cadmium	2.6	mg/kg		71	----	0.36	7.22	----
				Chromium	399	mg/kg		120000	----	0.4	997.50	----
				Chromium (hexavalent)	1.9	mg/kg		0.3	6.33	0.4	4.75	Yes
				Copper	30.4	mg/kg		3100	----	28	1.09	----
				Lead	109	mg/kg		400	----	11	9.91	----
				Manganese	965	mg/kg		1800	----	220	4.39	----
				Mercury	1.9	mg/kg		11	----	0.1	19.00	----
				Nickel	39.1	mg/kg		1500	----	38	1.03	----
				Zinc	74.5	mg/kg		23000	----	46	1.62	----
	DSB-5-0.5-2.0	Surface Soil	5/14/2019	Arsenic	6.9	mg/kg		0.68	10.15	18	----	Yes
				Chromium	12.3	mg/kg		120000	----	0.4	30.75	----
				Chromium (hexavalent)	18.3	mg/kg	J	0.3	61.00	0.4	45.75	Yes
				Lead	15.8	mg/kg		400	----	11	1.44	----
				Manganese	982	mg/kg		1800	----	220	4.46	----
				Vanadium	44.8	mg/kg		390	----	2	22.40	----
	DSB-5-0.5-2.0-D	Surface Soil	5/14/2019	Arsenic	6.9	mg/kg		0.68	10.15	18	----	Yes
				Chromium	22.5	mg/kg		120000	----	0.4	56.25	----
				Chromium (hexavalent)	0.87	mg/kg	J	0.3	2.90	0.4	2.18	Yes
				Lead	18.8	mg/kg		400	----	11	1.71	----
				Manganese	974	mg/kg		1800	----	220	4.43	----
				Vanadium	45.8	mg/kg		390	----	2	22.90	----
DSB-6	DSB-6-0.0-0.5	Surface Soil	5/14/2019	Arsenic	7.1	mg/kg		0.68	10.44	18	----	Yes
				Chromium	17.4	mg/kg		120000	----	0.4	43.50	----
				Chromium (hexavalent)	2.7	mg/kg		0.3	9.00	0.4	6.75	Yes
	DSB-6-0.0-0.5	Surface Soil	5/14/2019	Lead	15.8	mg/kg		400	----	11	1.44	----
				Manganese	1480	mg/kg		1800	----	220	6.73	----

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DSB-6	DSB-6-0.0-0.5	Surface Soil	5/14/2019	Mercury	0.14	mg/kg		11	----	0.1	1.40	----
				Vanadium	36.7	mg/kg		390	----	2	18.35	----
	DSB-6-0.5-2.0	Surface Soil	5/14/2019	Arsenic	7.2	mg/kg		0.68	10.59	18	----	Yes
				Chromium	12.5	mg/kg		120000	----	0.4	31.25	----
				Chromium (hexavalent)	1.4	mg/kg		0.3	4.67	0.4	3.50	Yes
				Lead	16.4	mg/kg		400	----	11	1.49	----
				Manganese	1050	mg/kg		1800	----	220	4.77	----
				Vanadium	42.4	mg/kg		390	----	2	21.20	----
DSB-7	DSB-7-0.0-0.5	Surface Soil	5/15/2019	Arsenic	6.2	mg/kg		0.68	9.12	18	----	Yes
				Cadmium	0.64	mg/kg		71	----	0.36	1.78	----
				Chromium	147	mg/kg		120000	----	0.4	367.50	----
				Chromium (hexavalent)	6.2	mg/kg		0.3	20.67	0.4	15.50	Yes
				Lead	28.3	mg/kg		400	----	11	2.57	----
				Manganese	1030	mg/kg		1800	----	220	4.68	----
				Mercury	0.26	mg/kg		11	----	0.1	2.60	----
				Vanadium	32.3	mg/kg		390	----	2	16.15	----
	DSB-7-0.5-2.0	Surface Soil	5/15/2019	Arsenic	6.6	mg/kg		0.68	9.71	18	----	Yes
				Chromium	28.8	mg/kg		120000	----	0.4	72.00	----
				Chromium (hexavalent)	1.8	mg/kg		0.3	6.00	0.4	4.50	Yes
				Lead	15.7	mg/kg		400	----	11	1.43	----
				Manganese	906	mg/kg		1800	----	220	4.12	----
				Vanadium	36.2	mg/kg		390	----	2	18.10	----
DSB-8	DSB-8-0.0-0.5	Surface Soil	5/16/2019	Arsenic	7	mg/kg		0.68	10.29	18	----	Yes
				Cadmium	13.5	mg/kg	J	71	----	0.36	37.50	----
				Chromium	928	mg/kg		120000	----	0.4	2320.00	----
				Chromium (hexavalent)	82.1	mg/kg		0.3	273.67	0.4	205.25	Yes
				Copper	41	mg/kg		3100	----	28	1.46	----
				Lead	258	mg/kg	J	400	----	11	23.45	----
				Manganese	1050	mg/kg		1800	----	220	4.77	----
				Mercury	4	mg/kg		11	----	0.1	40.00	----
				Nickel	87.8	mg/kg		1500	----	38	2.31	----
				Vanadium	43.5	mg/kg		390	----	2	21.75	----
				Zinc	74.5	mg/kg	J	23000	----	46	1.62	----
	DSB-8-0.0-0.5-D	Surface Soil	5/16/2019	Arsenic	6.6	mg/kg		0.68	9.71	18	----	Yes
				Cadmium	7.4	mg/kg	J	71	----	0.36	20.56	----
				Chromium	728	mg/kg		120000	----	0.4	1820.00	----
				Copper	32.8	mg/kg		3100	----	28	1.17	----
				Lead	142	mg/kg	J	400	----	11	12.91	----
				Manganese	792	mg/kg		1800	----	220	3.60	----
				Mercury	1.5	mg/kg		11	----	0.1	15.00	----
				Nickel	70.8	mg/kg		1500	----	38	1.86	----
				Vanadium	40.3	mg/kg		390	----	2	20.15	----
				Zinc	60.4	mg/kg	J	23000	----	46	1.31	----
DSB-8	DSB-8-0.5-2.0	Surface Soil	5/16/2019	Arsenic	7	mg/kg		0.68	10.29	18	----	Yes
				Chromium	296	mg/kg		120000	----	0.4	740.00	----
				Chromium (hexavalent)	47.9	mg/kg		0.3	159.67	0.4	119.75	Yes
				Lead	17.4	mg/kg	J	400	----	11	1.58	----

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				Manganese	1340	mg/kg		1800	----	220	6.09	----
				Vanadium	37.3	mg/kg		390	----	2	18.65	----
DSB-9	DSB-9-0.0-0.5	Surface Soil	5/13/2019	Arsenic	7.2	mg/kg		0.68	10.59	18	----	Yes
				Cadmium	9.4	mg/kg		71	----	0.36	26.11	----
				Chromium	129	mg/kg		120000	----	0.4	322.50	----
				Chromium (hexavalent)	7.2	mg/kg		0.3	24.00	0.4	18.00	Yes
				Copper	38	mg/kg		3100	----	28	1.36	----
				Lead	100	mg/kg		400	----	11	9.09	----
				Manganese	1150	mg/kg		1800	----	220	5.23	----
				Mercury	2.6	mg/kg		11	----	0.1	26.00	----
				Nickel	91.5	mg/kg		1500	----	38	2.41	----
				Vanadium	31.7	mg/kg		390	----	2	15.85	----
				Zinc	51.8	mg/kg	J	23000	----	46	1.13	----
	DSB-9-0.5-2.0	Surface Soil	5/13/2019	Arsenic	6.9	mg/kg		0.68	10.15	18	----	Yes
				Cadmium	4.7	mg/kg		71	----	0.36	13.06	----
				Chromium	75.1	mg/kg		120000	----	0.4	187.75	----
				Chromium (hexavalent)	1.6	mg/kg		0.3	5.33	0.4	4.00	Yes
				Lead	62.6	mg/kg		400	----	11	5.69	----
				Manganese	1200	mg/kg		1800	----	220	5.45	----
				Mercury	0.65	mg/kg		11	----	0.1	6.50	----
				Nickel	46.5	mg/kg		1500	----	38	1.22	----
				Vanadium	40.6	mg/kg		390	----	2	20.30	----
JSB-1	JSB-1-0.0-0.5	Surface Soil	5/13/2019	Arsenic	6.4	mg/kg		0.68	9.41	18	----	Yes
				Chromium	22	mg/kg		120000	----	0.4	55.00	----
				Chromium (hexavalent)	0.82	mg/kg		0.3	2.73	0.4	2.05	Yes
				Lead	78.6	mg/kg		400	----	11	7.15	----
				Manganese	998	mg/kg		1800	----	220	4.54	----
				Mercury	0.11	mg/kg	J	11	----	0.1	1.10	----
				Vanadium	40.1	mg/kg		390	----	2	20.05	----
	JSB-1-0.5-2.0	Surface Soil	5/13/2019	Arsenic	5.3	mg/kg		0.68	7.79	18	----	Yes
				Chromium	10.2	mg/kg		120000	----	0.4	25.50	----
				Chromium (hexavalent)	0.44	mg/kg	J	0.3	1.47	0.4	1.10	Yes
				Lead	41.3	mg/kg		400	----	11	3.75	----
				Manganese	1090	mg/kg		1800	----	220	4.95	----
				Vanadium	29.5	mg/kg		390	----	2	14.75	----
JSB-2	JSB-2-0.0-0.5	Surface Soil	5/16/2019	Antimony	7.1	mg/kg		31	----	0.27	26.30	----
				Arsenic	6.3	mg/kg		0.68	9.26	18	----	Yes
				Cadmium	15.1	mg/kg	J	71	----	0.36	41.94	----
				Chromium	3130	mg/kg		120000	----	0.4	7825.00	----
				Chromium (hexavalent)	1130	mg/kg		0.3	3766.67	0.4	2825.00	Yes
				Copper	111	mg/kg		3100	----	28	3.96	----
	JSB-2-0.0-0.5	Surface Soil	5/16/2019	Lead	1850	mg/kg	J	400	4.63	11	168.18	Yes
				Manganese	1010	mg/kg		1800	----	220	4.59	----
				Mercury	17.1	mg/kg		11	1.55	0.1	171.00	Yes
				Nickel	159	mg/kg		1500	----	38	4.18	----
				Vanadium	46.2	mg/kg		390	----	2	23.10	----
				Zinc	168	mg/kg	J	23000	----	46	3.65	----

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JSB-2	JSB-2-0.5-2.0	Surface Soil	5/16/2019	Antimony	2.2	mg/kg		31	----	0.27	8.15	----
				Arsenic	7.2	mg/kg		0.68	10.59	18	----	Yes
				Cadmium	16.4	mg/kg	J	71	----	0.36	45.56	----
				Chromium	2850	mg/kg		120000	----	0.4	7125.00	----
				Chromium (hexavalent)	56.3	mg/kg		0.3	187.67	0.4	140.75	Yes
				Copper	137	mg/kg		3100	----	28	4.89	----
				Lead	778	mg/kg	J	400	1.95	11	70.73	Yes
				Manganese	1060	mg/kg		1800	----	220	4.82	----
				Mercury	18	mg/kg		11	1.64	0.1	180.00	Yes
				Nickel	212	mg/kg		1500	----	38	5.58	----
				Vanadium	56.2	mg/kg		390	----	2	28.10	----
				Zinc	203	mg/kg	J	23000	----	46	4.41	----
	JSB-2-0.5-2.0-D	Surface Soil	5/16/2019	Antimony	1.9	mg/kg		31	----	0.27	7.04	----
				Arsenic	6.7	mg/kg		0.68	9.85	18	----	Yes
				Cadmium	23.2	mg/kg	J	71	----	0.36	64.44	----
				Chromium	2150	mg/kg		120000	----	0.4	5375.00	----
				Chromium (hexavalent)	1070	mg/kg		0.3	3566.67	0.4	2675.00	Yes
				Copper	94.6	mg/kg		3100	----	28	3.38	----
				Lead	745	mg/kg	J	400	1.86	11	67.73	Yes
				Manganese	945	mg/kg		1800	----	220	4.30	----
				Mercury	8.3	mg/kg		11	----	0.1	83.00	----
				Nickel	187	mg/kg		1500	----	38	4.92	----
				Vanadium	50.7	mg/kg		390	----	2	25.35	----
				Zinc	166	mg/kg	J	23000	----	46	3.61	----
JSB-3	JSB-3-0.0-0.5	Surface Soil	5/13/2019	Arsenic	6.3	mg/kg		0.68	9.26	18	----	Yes
				Chromium	50.3	mg/kg		120000	----	0.4	125.75	----
				Chromium (hexavalent)	1.9	mg/kg		0.3	6.33	0.4	4.75	Yes
				Cyanide	5.1	mg/kg	J	2.7	1.89	----	----	Yes
				Lead	29.7	mg/kg		400	----	11	2.70	----
				Manganese	1050	mg/kg		1800	----	220	4.77	----
				Mercury	0.45	mg/kg		11	----	0.1	4.50	----
				Vanadium	41	mg/kg		390	----	2	20.50	----
	JSB-3-0.5-2.0	Surface Soil	5/13/2019	Arsenic	7	mg/kg		0.68	10.29	18	----	Yes
				Chromium	12.3	mg/kg		120000	----	0.4	30.75	----
				Chromium (hexavalent)	1.1	mg/kg	J	0.3	3.67	0.4	2.75	Yes
				Lead	15	mg/kg		400	----	11	1.36	----
				Manganese	1080	mg/kg		1800	----	220	4.91	----
				Vanadium	43.4	mg/kg		390	----	2	21.70	----

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JSB-3	JSB-3-0.5-2.0-D	Surface Soil	5/13/2019	Arsenic	5.9	mg/kg		0.68	8.68	18	----	Yes
				Chromium	13.6	mg/kg		120000	----	0.4	34.00	----
				Chromium (hexavalent)	3.6	mg/kg	J	0.3	12.00	0.4	9.00	Yes
				Lead	13.8	mg/kg		400	----	11	1.25	----
				Manganese	970	mg/kg		1800	----	220	4.41	----
				Vanadium	35.9	mg/kg		390	----	2	17.95	----
JSB-4	JSB-4-0.0-0.5	Surface Soil	5/13/2019	Antimony	2.4	mg/kg		31	----	0.27	8.89	----
				Arsenic	5.7	mg/kg		0.68	8.38	18	----	Yes
				Cadmium	5.2	mg/kg		71	----	0.36	14.44	----
				Chromium	1180	mg/kg		120000	----	0.4	2950.00	----
				Chromium (hexavalent)	158	mg/kg		0.3	526.67	0.4	395.00	Yes
				Copper	42.3	mg/kg		3100	----	28	1.51	----
				Lead	469	mg/kg		400	1.17	11	42.64	Yes
				Manganese	897	mg/kg		1800	----	220	4.08	----
				Mercury	144	mg/kg		11	13.09	0.1	1440.00	Yes
				Nickel	124	mg/kg		1500	----	38	3.26	----
				Zinc	99.1	mg/kg	J	23000	----	46	2.15	----
	JSB-4-0.5-2.0	Surface Soil	5/13/2019	Arsenic	7	mg/kg		0.68	10.29	18	----	Yes
				Cadmium	1.4	mg/kg		71	----	0.36	3.89	----
				Chromium	399	mg/kg		120000	----	0.4	997.50	----
				Chromium (hexavalent)	121	mg/kg		0.3	403.33	0.4	302.50	Yes
				Copper	68.2	mg/kg		3100	----	28	2.44	----
				Lead	51.6	mg/kg		400	----	11	4.69	----
				Manganese	1480	mg/kg		1800	----	220	6.73	----
				Mercury	1.5	mg/kg		11	----	0.1	15.00	----
				Vanadium	4.7	mg/kg		390	----	2	2.35	----
				Zinc	79.4	mg/kg	J	23000	----	46	1.73	----
MW-1	MW-1-0.0-0.5	Surface Soil	5/16/2019	Antimony	23.8	mg/kg		31	----	0.27	88.15	----
				Arsenic	7.2	mg/kg		0.68	10.59	18	----	Yes
				Cadmium	105	mg/kg	J	71	1.48	0.36	291.67	Yes
				Chromium	3970	mg/kg		120000	----	0.4	9925.00	----
				Chromium (hexavalent)	793	mg/kg	J	0.3	2643.33	0.4	1982.50	Yes
				Copper	201	mg/kg		3100	----	28	7.18	----
				Lead	4380	mg/kg	J	400	10.95	11	398.18	Yes
				Manganese	627	mg/kg		1800	----	220	2.85	----
				Mercury	57.5	mg/kg		11	5.23	0.1	575.00	Yes
				Nickel	528	mg/kg		1500	----	38	13.89	----
				Vanadium	35.9	mg/kg		390	----	2	17.95	----
				Zinc	350	mg/kg	J	23000	----	46	7.61	----
	MW-1-0.5-2.0	Surface Soil	5/16/2019	Antimony	5.5	mg/kg		31	----	0.27	20.37	----
				Arsenic	6.5	mg/kg		0.68	9.56	18	----	Yes
				Cadmium	5.1	mg/kg	J	71	----	0.36	14.17	----
				Chromium	1040	mg/kg		120000	----	0.4	2600.00	----
				Chromium (hexavalent)	239	mg/kg	J	0.3	796.67	0.4	597.50	Yes
				Copper	33.3	mg/kg		3100	----	28	1.19	----
				Lead	2350	mg/kg	J	400	5.88	11	213.64	Yes
				Manganese	994	mg/kg		1800	----	220	4.52	----

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MW-1	MW-1-0.5-2.0	Surface Soil	5/16/2019	Mercury	8.7	mg/kg		11	----	0.1	87.00	----
				Nickel	38.4	mg/kg		1500	----	38	1.01	----
				Vanadium	32.4	mg/kg		390	----	2	16.20	----
				Zinc	57.9	mg/kg	J	23000	----	46	1.26	----
	MW-1-0-0.5-D	Surface Soil	5/16/2019	Antimony	55.6	mg/kg		31	1.79	0.27	205.93	Yes
				Arsenic	6.9	mg/kg		0.68	10.15	18	----	Yes
				Cadmium	109	mg/kg	J	71	1.54	0.36	302.78	Yes
				Chromium	6320	mg/kg		120000	----	0.4	15800.00	----
				Copper	224	mg/kg		3100	----	28	8.00	----
				Lead	7850	mg/kg	J	400	19.63	11	713.64	Yes
				Manganese	1180	mg/kg		1800	----	220	5.36	----
				Mercury	52.4	mg/kg		11	4.76	0.1	524.00	Yes
				Nickel	897	mg/kg		1500	----	38	23.61	----
				Vanadium	45.2	mg/kg		390	----	2	22.60	----
				Zinc	387	mg/kg	J	23000	----	46	8.41	----
MW-2	MW-2-0.0-0.5	Surface Soil	5/14/2019	Arsenic	6.6	mg/kg		0.68	9.71	18	----	Yes
				Cadmium	1.8	mg/kg		71	----	0.36	5.00	----
				Chromium	21.9	mg/kg		120000	----	0.4	54.75	----
				Chromium (hexavalent)	2	mg/kg		0.3	6.67	0.4	5.00	Yes
				Lead	90.1	mg/kg		400	----	11	8.19	----
				Manganese	801	mg/kg		1800	----	220	3.64	----
				Vanadium	31.3	mg/kg		390	----	2	15.65	----
				Zinc	79.2	mg/kg		23000	----	46	1.72	----
	MW-2-0.5-2.0	Surface Soil	5/14/2019	Arsenic	6.9	mg/kg		0.68	10.15	18	----	Yes
				Chromium	16.5	mg/kg		120000	----	0.4	41.25	----
				Chromium (hexavalent)	0.45	mg/kg	J	0.3	1.50	0.4	1.13	Yes
				Lead	57.3	mg/kg		400	----	11	5.21	----
				Manganese	954	mg/kg		1800	----	220	4.34	----
				Vanadium	43.3	mg/kg		390	----	2	21.65	----
				Zinc	48.3	mg/kg		23000	----	46	1.05	----
MW-3	MW-3-0.0-0.5	Surface Soil	5/15/2019	Arsenic	6.4	mg/kg		0.68	9.41	18	----	Yes
				Chromium	40.1	mg/kg		120000	----	0.4	100.25	----
				Chromium (hexavalent)	2.2	mg/kg		0.3	7.33	0.4	5.50	Yes
				Cyanide	3.7	mg/kg		2.7	1.37	----	----	Yes
				Lead	85.7	mg/kg		400	----	11	7.79	----
				Manganese	716	mg/kg		1800	----	220	3.25	----
				Mercury	0.14	mg/kg		11	----	0.1	1.40	----
				Vanadium	32.3	mg/kg		390	----	2	16.15	----
				Zinc	86.3	mg/kg	J	23000	----	46	1.88	----
	MW-3-0.5-2.0	Surface Soil	5/15/2019	Arsenic	6.5	mg/kg		0.68	9.56	18	----	Yes
				Chromium	13.9	mg/kg		120000	----	0.4	34.75	----
				Chromium (hexavalent)	0.48	mg/kg	J	0.3	1.60	0.4	1.20	Yes
				Lead	37.6	mg/kg		400	----	11	3.42	----
MW-3	MW-3-0.5-2.0	Surface Soil	5/15/2019	Manganese	1050	mg/kg		1800	----	220	4.77	----
				Vanadium	35	mg/kg		390	----	2	17.50	----

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

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[2] The exceed column is the maximum detected concentration divided by the comparison criteria. Only comparisons where the maximum detected concentration exceeds the comparison criteria are presented.
[3] The Ecological Screening level is based on the most conservative value. It is based on EPA Ecological Soil Screening Levels (SSLs). http://www.epa.gov/ecotox/ecossl/ and Ecological Screening Values for Soil Benchmarks fromTCEQ's Conducting Ecological Risk Assessments at Remediation Sites in Texas. August 2018. https://www.tceq.texas.gov/remediation/eco/eco.html

-- = Not applicable or not available.

J = Indicates an estimated value.

mg/kg = Milligram(s) per kilogram

SL = Screening Level