



Dissolved Metals								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs (1)	Drinking Water SLs (2)
Aluminum	ug/L	<20	<20	36.9	89.9	195	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	<0.5	<0.5	0.69	<0.5	<0.5	5.0	10
Barium	ug/L	13.2	12.9	16.9	17.4	24.2	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	16.6	18.3	17.1	11.9	8.95	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	3.26	3.35	4.56	4.37	3.12	116	NA
Chromium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	2.0	100
Cobalt	ug/L	<0.5	<0.5	<0.5	<0.5	0.55	3.0	6.0 *
Copper	ug/L	0.53	<0.5	0.61	1.52	1.44	0.23	1,300
Iron	ug/L	72	46.3	154	155	384	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	1.67	1.79	2.28	2.91	1.63	82	NA
Manganese	ug/L	18.4	5.78	123	65.2	62.6	80	430 *
Nickel	ug/L	0.57	0.53	0.68	1.42	1.74	25	390 *
Potassium	mg/L	2.08	2.11	2.3	1.43	1.43	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	3.98	4.07	3.31	5.46	6.12	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	6.4	6.75	7.21	7.25	6.33	680	NA
Thallium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	2.0
Vanadium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	19	86 *
Zinc	ug/L	<1	<1	2.57	26.5	13.5	30	6,000 *

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) USEPA Maximum Contaminant Level (November 2014)

*USEPA Tapwater Screening Level (MCL unavailable)

NA: MCL & Drinking Water Screening Levels are unavailable

Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

Exceeds Ecological & Regional Screening Level



Total Metals								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs (1)	Drinking Water SLs (2)
Aluminum	ug/L	284	66	130	279	705	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	<1	<1	<1	<1	<1	5.0	10
Barium	ug/L	17.2	15.4	22.1	21.2	31.5	3.9	2,000
Beryllium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	1.6	4,000 *
Cadmium	ug/L	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	3.64	3.78	5.41	4.87	3.54	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	<1	3.0	6.0 *
Copper	ug/L	<1	<1	<1	1.71	1.65	0.23	1,300
Iron	ug/L	431	292	485	292	867	158	14,000 *
Lead	ug/L	<1	<1	<1	<1	1.12	1.0	15
Magnesium	mg/L	1.73	1.84	2.44	2.95	1.68	82	NA
Manganese	ug/L	53.3	44.6	174	70.2	71	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.34	2.35	2.53	1.56	1.61	53	NA
Selenium	ug/L	<2	<2	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	<5	<5	0.12	94 *
Sodium	mg/L	6.76	6.98	7.49	7.26	6.27	680	NA
Thallium	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	0.8	2.0
Vanadium	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	19	86 *
Zinc	ug/L	5.02	<3	9.51	30.6	15	30	6,000 *

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Exceeds Ecological & Regional Screening Level



Oil & Grease								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Oil & Grease	mg/L	<2.5	<2.5	<2.5	<2.5	<2.5	0.00001	NA

Semi-Volatile Organic Compounds (SVOCs)								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Acetophenone	ug/L	0.103	<0.1	<0.1	<0.1	<0.1	8.6	2,000 *
4-Chloro-3-methylphenol	ug/L	<0.16	<0.16	<0.16	0.169	<0.16	NA	1,400 *

Volatile Organic Compounds (VOCs)								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Benzene	ug/L	<0.66	<0.66	<0.66	<0.66	<0.66	46	5.0

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