



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	<20	<20	143	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	0.99	0.96	0.83	<0.5	0.56	5.0	10
Barium	ug/L	20.9	18.8	14.5	33.8	23.2	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	21.8	22.5	23.8	33.6	19.5	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	5.15	4.91	5.15	11.8	4.16	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	<0.5	3.0	6.0 *
Copper	ug/L	<0.5	<0.5	<0.5	1.07	1.83	0.23	1,300
Iron	ug/L	39.9	26.8	<20	24.7	214	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.45	2.5	2.51	6.41	1.63	82	NA
Manganese	ug/L	36.4	62.8	1.44	4.96	11.4	80	430 *
Nickel	ug/L	0.61	0.64	0.6	0.77	1.19	25	390 *
Potassium	mg/L	2.8	2.62	2.79	2.59	2.17	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	7.26	7.57	7.14	10.6	10.2	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	7.06	7.15	7.6	18.9	5.9	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	0.6	19	86 *
Zinc	ug/L	<1	<1	<1	5.61	5.94	30	6,000 *

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

(2) USEPA Maximum Contaminant Level (May 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	213	<20	20.6	277	926	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	1.6	1.68	1.5	<1	1.06	5.0	10
Barium	ug/L	30.2	26.7	23.8	33.5	33.7	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	32.6	<25	1.6	4,000 *
Cadmium	ug/L	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	5.27	5.09	5.32	12.2	4.58	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	1.23	2.81	0.23	1,300
Iron	ug/L	579	534	611	192	1330	158	14,000 *
Lead	ug/L	<1	<1	<1	<1	2.11	1.0	15
Magnesium	mg/L	2.4	2.32	2.34	6.13	1.68	82	NA
Manganese	ug/L	305	330	280	6.55	29.2	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.82	2.7	2.83	2.56	2.26	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	6.88	6.8	7.21	17.8	5.63	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	<3	<3	<3	6.85	11.6	30	6,000 *

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Oil & Grease								
Contaminant	Units	WS-001	WS-002	WS-005	WS-008	WS-BKG-002	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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 <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
Benzyl alcohol	ug/L	0.186	<0.16	<0.16	<0.16	<0.16	NA	2,000 *
Isophorone	ug/L	0.122	0.114	0.11	0.152	0.114	1,170	78 *
Bis(2-chloroethoxy)methane	ug/L	0.429	0.412	0.336	0.407	0.341	NA	59 *

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

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

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