



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	110	48.5	60.7	125	174	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	5.0	10
Barium	ug/L	16.4	12.9	14	14	22.9	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	13.2	16.2	15.7	9.16	8.89	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	4.15	3.53	3.95	2.72	3.18	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	0.72	3.0	6.0 *
Copper	ug/L	2.13	<0.5	0.5	0.88	0.86	0.23	1,300
Iron	ug/L	184	91	128	167	279	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	1.84	1.79	1.9	2.35	1.56	82	NA
Manganese	ug/L	57.7	12.7	37.8	68.6	67.7	80	430 *
Nickel	ug/L	0.8	0.57	0.59	1.36	1.48	25	390 *
Potassium	mg/L	2.09	2.25	2.38	1.01	1.38	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	3.41	3.36	2.91	7.49	7.3	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	8.64	5.81	6.24	5.98	7.53	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	0.59	19	86 *
Zinc	ug/L	4.23	5.3	<1	14.7	9.82	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	377	79.1	324	218	214	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	1.03	<1	1.18	<1	<1	5.0	10
Barium	ug/L	26.1	17.6	26.8	18.7	28.6	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	4.41	3.57	4.24	2.7	3.28	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	4.97	<1	1.44	1.1	1.2	0.23	1,300
Iron	ug/L	934	468	1250	250	507	158	14,000 *
Lead	ug/L	2.33	<1	2.03	<1	<1	1.0	15
Magnesium	mg/L	2.01	1.88	2.12	2.55	1.74	82	NA
Manganese	ug/L	172	72.4	228	81.3	81.1	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.21	2.32	2.49	1.02	1.43	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	9.33	6.14	6.77	6.45	8.32	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	22.3	13.8	15.9	29	23	30	6,000 *

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Exceeds Regional MCL or Tapwater Screening Level
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⁾
Diethyl phthalate	ug/L	<0.2	<0.2	0.269	0.648	<0.2	210	15,000*
Pentachlorophenol	ug/L	<1	<1	1.12	<1	<1	0.5	1.0*

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

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

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- Exceeds Ecological Screening Level
- Exceeds Regional MCL or Tapwater Screening Level
- Exceeds Ecological & Regional Screening Level