



Dissolved Metals						
Contaminant	Units	WS-001	WS-002	WS-005	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/L	<20	<20	<20	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	30	6.0
Arsenic	ug/L	1.67	1.74	1.61	5.0	10
Barium	ug/L	15	12.1	17.5	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	19.4	19.3	19.9	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	6.15	6.52	6.24	116	NA
Chromium	ug/L	<0.5	<0.5	<0.5	2.0	100
Cobalt	ug/L	<0.5	<0.5	<0.5	3.0	6.0 *
Copper	ug/L	<0.5	<0.5	<0.5	0.23	1,300
Iron	ug/L	<20	<20	28	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.52	2.68	2.48	82	NA
Manganese	ug/L	89.4	77.3	128	80	430 *
Nickel	ug/L	<0.5	<0.5	0.52	25	390 *
Potassium	mg/L	2.62	2.78	2.77	53	NA
Selenium	ug/L	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	6.55	6.62	6.92	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	6.57	6.64	6.73	680	NA
Thallium	ug/L	<0.5	<0.5	<0.5	0.8	2.0
Vanadium	ug/L	<0.5	<0.5	<0.5	19	86 *
Zinc	ug/L	5.04	<1	<1	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	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/L	29.4	<20	52.4	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	30	6.0
Arsenic	ug/L	2.61	2.51	2.17	5.0	10
Barium	ug/L	39.2	23.2	25.7	3.9	2,000
Beryllium	ug/L	<0.5	<0.5	<0.5	0.53	4.0
Boron	ug/L	<25	<25	<25	1.6	4,000 *
Cadmium	ug/L	<1	<1	<1	0.017	5.0
Calcium	mg/L	6.14	6.38	6.14	116	NA
Chromium	ug/L	<1	<1	<1	2.0	100
Cobalt	ug/L	<1	<1	<1	3.0	6.0 *
Copper	ug/L	<1	<1	<1	0.23	1,300
Iron	ug/L	533	345	386	158	14,000 *
Lead	ug/L	<1	<1	<1	1.0	15
Magnesium	mg/L	2.6	2.7	2.47	82	NA
Manganese	ug/L	589	402	374	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.67	2.72	2.71	53	NA
Selenium	ug/L	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	0.12	94 *
Sodium	mg/L	7.35	7.31	7.44	680	NA
Thallium	ug/L	<2.5	<2.5	<2.5	0.8	2.0
Vanadium	ug/L	<2.5	<2.5	<2.5	19	86 *
Zinc	ug/L	3.02	<3	3.12	30	6,000 *

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*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



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

Semi-Volatile Organic Compounds (SVOCs)						
Contaminant	Units	WS-001	WS-002	WS-005	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
All SVOCs were below detection limits						

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

(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