



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	1.35	1.43	1.19	5.0	10
Barium	ug/L	19.2	11.8	27	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	22.4	23.3	24	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	6.37	6.37	6.37	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	25.6	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.8	2.75	2.84	82	NA
Manganese	ug/L	228	15.4	195	80	430 *
Nickel	ug/L	<0.5	<0.5	0.55	25	390 *
Potassium	mg/L	2.8	2.88	2.92	53	NA
Selenium	ug/L	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	7.55	7.17	7.18	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	6.6	6.59	7.34	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	1.44	<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	43.6	<20	50.6	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	30	6.0
Arsenic	ug/L	2.79	2.02	2.57	5.0	10
Barium	ug/L	53.8	27.6	55.7	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	7.11	6.45	6.68	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	994	392	1060	158	14,000 *
Lead	ug/L	<1	<1	<1	1.0	15
Magnesium	mg/L	2.88	2.82	2.9	82	NA
Manganese	ug/L	913	354	834	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	3.04	2.94	3.04	53	NA
Selenium	ug/L	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	0.12	94 *
Sodium	mg/L	6.47	6.59	7.31	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	3.81	<3	<3	30	6,000 *

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*USEPA Tapwater Screening Level (MCL unavailable)

NA: MCL & Drinking Water Screening Levels are unavailable

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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	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⁾
4-Methylphenol (p-Cresol)	ug/L	<0.1	<0.1	0.211	NA	1,900 *

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

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Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

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