



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	1.74	1.5	1.52	5.0	10
Barium	ug/L	8.12	9.94	8.73	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	18.5	19.6	20.1	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	5.61	5.76	5.68	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	40.6	27.3	37.3	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.31	2.37	2.25	82	NA
Manganese	ug/L	144	44.5	4.72	80	430 *
Nickel	ug/L	0.54	0.6	0.62	25	390 *
Potassium	mg/L	2.62	2.67	2.72	53	NA
Selenium	ug/L	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	5.18	5.15	5.38	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	4.88	4.91	5.21	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	1.42	<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				Eco SLS ⁽¹⁾	Drinking Water SLS ⁽²⁾
		WS-001	WS-002	WS-005		
Aluminum	ug/L	50.3	24.3	54.2	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	30	6.0
Arsenic	ug/L	2.58	2.23	2.11	5.0	10
Barium	ug/L	28.5	30.1	17.8	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	5.66	5.76	5.66	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	625	481	496	158	14,000 *
Lead	ug/L	<1	<1	<1	1.0	15
Magnesium	mg/L	2.47	2.51	2.41	82	NA
Manganese	ug/L	578	462	274	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.65	2.69	2.73	53	NA
Selenium	ug/L	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	0.12	94 *
Sodium	mg/L	5.11	5.12	5.47	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	<3	<3	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⁾
Benzyl alcohol	ug/L	<0.16	<0.16	0.161	NA	2,000*

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)

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