



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	31.3	<20	<20	107	127	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	1.02	0.74	0.91	0.53	1.21	5.0	10
Barium	ug/L	14.3	9.6	9.15	14.7	23.5	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	16.9	17.8	20	18.5	16.2	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	4.22	4.42	5.16	2.92	4.29	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	0.71	3.0	6.0 *
Copper	ug/L	0.89	<0.5	0.51	1.14	1.05	0.23	1,300
Iron	ug/L	183	58.9	41.5	219	860	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	0.55	1.0	15
Magnesium	mg/L	1.73	1.98	2.15	2.13	1.67	82	NA
Manganese	ug/L	48.7	4.39	7.54	60.9	107	80	430 *
Nickel	ug/L	0.95	0.72	0.84	1.57	1.9	25	390 *
Potassium	mg/L	2.28	2.35	2.59	1.53	1.54	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	3.35	2.36	2.07	10.8	9.01	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	5.19	6.25	7.73	5.75	5.23	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	0.67	19	86 *
Zinc	ug/L	1.96	<1	1.76	13.9	6.7	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	209	51.7	227	344	445	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	1.62	1.12	1.48	<1	1.59	5.0	10
Barium	ug/L	21.4	15.9	17.4	19.6	32	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	4.53	4.88	5.75	3.21	4.65	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	1.18	3.0	6.0 *
Copper	ug/L	1.09	<1	<1	1.72	1.85	0.23	1,300
Iron	ug/L	733	418	612	435	1720	158	14,000 *
Lead	ug/L	<1	<1	<1	<1	1.65	1.0	15
Magnesium	mg/L	1.7	1.89	2.14	2.14	1.69	82	NA
Manganese	ug/L	244	196	173	64.3	132	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.45	2.62	2.9	1.66	1.69	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	4.83	5.7	7.3	5.56	5	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	4.33	<3	6.08	16.8	8.66	30	6,000 *

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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⁾
Benzyl alcohol	ug/L	<0.16	<0.16	<0.16	<0.16	0.181	NA	2,000 *

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

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