



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	22.5	26.4	47.4	95.6	146	5.0	20,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	0.56	<0.5	0.54	0.64	1.25	5.0	10
Barium	ug/L	14.6	14.8	13.2	21.3	34.1	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	11.5	11.8	11.6	15.1	11.2	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	3.35	2.72	2.89	4.29	4.58	116	NA
Chromium	ug/L	<0.5	<0.5	<0.5	<0.5	0.63	2.0	100
Cobalt	ug/L	<0.5	<0.5	<0.5	0.52	1.37	3.0	6.0 *
Copper	ug/L	1.08	0.86	1.28	2.77	2.35	0.23	1,300
Iron	ug/L	161	97.4	173	334	943	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	0.54	1.0	15
Magnesium	mg/L	1.8	1.65	1.64	3.1	2.59	82	NA
Manganese	ug/L	41.7	14.4	24.3	122	125	80	430 *
Nickel	ug/L	0.95	0.98	1.12	2.87	3.77	25	390 *
Potassium	mg/L	1.7	1.59	1.85	1.42	1.59	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	2.68	3.03	3.05	5.84	4.83	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	7.26	5.48	5.21	6.98	7.15	680	NA
Thallium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	2.0
Vanadium	ug/L	<0.5	0.53	0.64	0.95	1.38	19	86 *
Zinc	ug/L	1.93	1.63	1.76	21.3	12.9	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	22.5	26.4	47.4	95.6	146	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	<1	<1	<1	<1	1.25	5.0	10
Barium	ug/L	14.6	14.8	13.2	21.3	34.1	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	3.35	2.72	2.89	4.29	4.58	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	1.37	3.0	6.0 *
Copper	ug/L	1.08	<1	1.28	2.77	2.35	0.23	1,300
Iron	ug/L	161	97.4	173	334	943	158	14,000 *
Lead	ug/L	<1	<1	<1	<1	<1	1.0	15
Magnesium	mg/L	1.8	1.65	1.64	3.1	2.59	82	NA
Manganese	ug/L	41.7	14.4	24.3	122	125	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	2.87	3.77	25	390 *
Potassium	mg/L	1.7	1.59	1.85	1.42	1.59	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	7.26	5.48	5.21	6.98	7.15	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	<3	<3	<3	21.3	12.9	30	6,000 *

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(2) USEPA Maximum Contaminant Level (November 2014)

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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⁾
1,2,4-Trichlorobenzene	ug/L	<0.12	0.122	<0.12	0.126	<0.12	24	70

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)

(2) USEPA Maximum Contaminant Level (November 2014)

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