



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	1.05	1.04	1.41	5.0	10
Barium	ug/L	8.47	10.9	15.6	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	13.9	13.6	14.1	1.6	4,000 *
Cadmium	ug/L	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	5.05	5.14	5.29	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	0.68	<0.5	<0.5	0.23	1,300
Iron	ug/L	28.3	<20	63.2	158	14,000 *
Lead	ug/L	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.28	2.44	2.27	82	NA
Manganese	ug/L	18.6	37.5	278	80	430 *
Nickel	ug/L	<0.5	<0.5	<0.5	25	390 *
Potassium	mg/L	2.26	2.24	2.35	53	NA
Selenium	ug/L	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	2.94	2.81	3.44	NA	NA
Silver	ug/L	<0.5	<0.5	<0.5	0.12	94 *
Sodium	mg/L	2.9	3.04	2.92	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	1.05	4.64	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	Eco SLs (1)	Drinking Water SLs (2)
Aluminum	ug/L	<20	<20	27.2	5.0	20,000 *
Antimony	ug/L	<10	<10	<10	30	6.0
Arsenic	ug/L	1.7	1.5	2.14	5.0	10
Barium	ug/L	19.1	18.2	22.1	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	5.19	5.33	5.27	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	414	291	513	158	14,000 *
Lead	ug/L	<1	<1	<1	1.0	15
Magnesium	mg/L	2.32	2.4	2.36	82	NA
Manganese	ug/L	381	317	479	80	430 *
Nickel	ug/L	<2.5	<2.5	<2.5	25	390 *
Potassium	mg/L	2.31	2.26	2.32	53	NA
Selenium	ug/L	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	0.12	94 *
Sodium	mg/L	3.55	3.58	3.73	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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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 <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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 <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
***All SVOCs were below detection limits***						70

Volatile Organic Compounds (VOCs)						
Contaminant	Units	WS-001	WS-002	WS-005	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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