

Dissolved Metals															
Contaminant	Units	WS-011S	WS-014S	WS-012S	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾ Drinking Water SLs ⁽²⁾
Aluminum	ug/L	61.3	85.8	71.2	65.2	41.1	67.8	62.5	54.4	83.7	57.3	118	74.1	124	5.0 16,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	30 6.0
Arsenic	ug/L	<0.5	0.54	0.56	0.64	0.52	0.63	0.51	0.55	0.57	0.87	1.32	<0.5	0.99	5.0 10
Barium	ug/L	13.4	12.7	13	14	13.4	13.5	12.8	14.4	11.4	14.8	12	13.2	31.6	3.9 2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.53 4.0
Boron	ug/L	16.9	16.5	18.1	17	16.9	16.8	16.7	17.1	18.4	17.4	13.1	16.5	12.1	1.6 3,100 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.017 5.0
Calcium	mg/L	3.6	3.46	3.5	3.68	3.65	3.66	3.7	3.66	3.62	4.09	4.56	3.76	5.28	116 NA
Chromium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.0 100
Cobalt	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.64	<0.5	0.97	3.0 4.7 *
Copper	ug/L	0.65	0.57	0.67	0.68	0.63	0.66	0.63	0.64	0.61	0.78	4.3	2.45	2.63	0.23 1,300
Iron	ug/L	122	167	189	209	102	212	127	102	205	240	1090	166	935	158 11,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.54	<0.3	0.62	1.0 15
Magnesium	mg/L	1.84	1.86	1.85	1.87	1.82	1.84	1.8	1.88	1.88	1.99	2.25	3.29	2.43	82 NA
Manganese	ug/L	10.6	12.3	20.1	54.5	11.5	54.8	4.75	21.8	12.3	90.5	270	61.4	108	80 320 *
Nickel	ug/L	0.69	0.75	0.74	0.77	0.66	0.73	0.69	0.7	0.75	0.75	1.31	1.84	2.88	25 300 *
Potassium	mg/L	2.28	2.2	2.22	2.26	2.31	2.21	2.31	2.29	2.28	2.23	1.76	0.996	1.33	53 NA
Selenium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0 50
Silicon Dioxide	mg/L	2.27	2.16	2.11	2.26	2.11	2.11	2.12	2.26	1.96	2.03	2.55	7.91	6.7	NA NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.12 71 *
Sodium	mg/L	6.88	6.94	6.98	7.06	6.77	6.75	6.37	6.89	7.26	7.24	7.37	8.09	8.9	680 NA
Thallium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<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	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.63	<0.5	0.79	19 63 *
Zinc	ug/L	1.6	1.26	1.27	1.66	2.9	1.09	<1	1.02	1.72	1.67	3.3	22	7.6	30 4,700 *

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) Regional Screening Level Summary Table November 2013

NA: MCL & Drinking Water Screening Levels are unavailable

*MCL unavailable, tapwater screening level used

Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

Exceeds Ecological & Regional Screening Level



Total Metals																
Contaminant	Units	WS-011S	WS-014S	WS-012S	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/L	190	151	158	203	148	296	154	225	272	175	521	850	891	5.0	16,000
Antimony	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	<1	<1	<1	<1	<1	1.04	<1	<1	<1	1.24	2.07	<1	1.37	5.0	10
Barium	ug/L	18.1	17	17.2	18.9	17.3	18.5	16.7	20.6	15.5	18.3	17.9	17.9	37.2	3.9	2,000
Beryllium	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	1.6	3,100
Cadmium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	3.34	3.46	3.67	3.66	3.56	3.74	3.49	3.51	3.58	3.99	4.44	3.63	4.98	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.06	1.12	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.3	3.0	4.7
Copper	ug/L	<1	<1	<1	<1	<1	1.15	<1	1.06	<1	1.11	1.57	1.81	2.12	0.23	1,300
Iron	ug/L	628	626	665	834	503	793	552	676	825	845	2530	718	1710	158	11,000
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.44	<1	1.53	1.0	15
Magnesium	mg/L	1.98	1.98	1.86	1.92	1.86	1.96	1.95	1.98	1.99	2.17	2.56	3.7	2.68	82	NA
Manganese	ug/L	124	117	122	168	103	141	91.1	167	98.6	170	354	73.5	120	80	320
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.35	25	300
Potassium	mg/L	2.21	2.26	2.23	2.21	2.23	2.34	2.24	2.26	2.32	2.28	1.84	1.12	1.35	53	NA
Selenium	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.0	50
Silver	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.12	71
Sodium	mg/L	7.29	7.31	6.61	6.77	6.62	7.36	7.15	7.3	7.51	8.19	8.69	9.22	10	680	NA
Thallium	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<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	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	19	63
Zinc	ug/L	3.37	<3	<3	<3	4.05	3.92	<3	<3	3.02	3.06	7.21	29.8	10.9	30	4,700

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) Regional Screening Level Summary Table November 2013

NA: MCL & Drinking Water Screening Levels are unavailable

*MCL unavailable, tapwater screening level used

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

Oil & Grease																
Contaminant	Units	WS-011S	WS-014S	WS-012S	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	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	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	0.00001	NA

Semi-Volatile Organic Compounds (SVOCs)																
Contaminant	Units	WS-011S	WS-014S	WS-012S	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
		All SVOCs were below detection limits														

Volatile Organic Compounds (VOCs)																
Contaminant	Units	WS-011S	WS-014S	WS-012S	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	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	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	46	5.0

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