



Dissolved Metals																			
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLS <sup>(1)</sup>	Drinking Water SLS <sup>(2)</sup>
Aluminum	ug/L	<20	<20	<20	<20	<20	<20	<20	<20	85.5	<20	<20	<20	<20	164	126	143	5.0	16,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	0.79	<0.5	<0.5	5.0	10
Barium	ug/L	16.1	15.7	15.8	15.8	16.7	17	16.3	13.1	20	16	17.2	16.2	16.2	22.3	25	31.2	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	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	22.9	23	22.7	22.6	21.9	21.7	21.8	21.4	18.9	23	21.6	28.2	22.2	16.2	20.6	12.2	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	<0.1	<0.1	<0.1	0.017	5.0
Calcium	mg/L	3.03	2.96	2.93	2.97	2.88	2.81	2.9	3.14	3.07	3.18	2.98	3.67	2.94	2.98	5.9	4.49	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	<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	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	3.0	4.7 *
Copper	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.77	<0.5	<0.5	<0.5	<0.5	1.23	2.82	1.3	0.23	1,300
Iron	ug/L	28	28	27	28.8	31	32.4	55.3	23.7	255	22.2	20.2	38.3	39.7	510	155	189	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	<0.3	<0.3	<0.3	0.43	<0.3	<0.3	1.0	15
Magnesium	mg/L	1.68	1.68	1.66	1.68	1.64	1.64	1.65	1.62	1.6	1.7	1.67	1.92	1.67	1.5	3.71	1.68	82	NA
Manganese	ug/L	6.06	4.12	1.37	1.32	18	17.5	4.56	3.94	130	3.16	3.28	11	5.98	249	72.2	36.5	80	320 *
Nickel	ug/L	0.6	0.6	0.58	0.58	0.64	0.69	0.59	0.5	0.79	0.57	0.53	0.78	0.63	1.05	2.11	1.26	25	300 *
Potassium	mg/L	2.14	2.09	2.1	2.13	2.06	2.03	2.09	2.16	2.85	2.29	2.08	2.45	2.17	3.48	2.46	2.1	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	7.57	7.45	7.54	7.6	7.44	7.36	7.24	8.32	7.07	7.95	7.84	6.76	7.5	6.42	7.3	8.8	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	<0.5	<0.5	<0.5	0.12	71 *
Sodium	mg/L	9.27	9.34	9.35	9.28	8.93	9	8.82	8.36	7.24	9.32	8.5	11.3	8.84	5.52	9.54	12.8	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	<0.5	<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	<0.5	<0.5	<0.5	0.6	<0.5	0.57	19	63 *
Zinc	ug/L	1.65	<1	<1	<1	<1	1.31	<1	<1	2.99	<1	<1	<1	<1	5.03	11	9.81	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



Contaminant	Units	Total Metals																Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
		WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002		
Aluminum	ug/L	87.2	49.1	36.8	65.2	95.2	127	224	164	336	71.7	191	100	51.5	466	767	480	5.0	16,000
Antimony	ug/L	<10	<10	<10	<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	<1	<1	1.27	<1	<1	<1	<1	1.67	<1	<1	5.0	10
Barium	ug/L	15.6	15.3	15.1	15.2	16.9	16.9	16.8	18.5	23.3	16	19	15.6	17.2	27	29	32	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	<0.5	<0.5	<0.5	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	27.6	<25	<25	<25	<25	1.6	3,100
Cadmium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	3.11	3.11	3.13	3.13	3.07	3.04	3.15	3.06	3.49	3.23	3.14	3.83	3.32	3.33	6.56	4.91	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.0	4.7
Copper	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	1.28	<1	<1	<1	<1	1.94	3.66	1.91	0.23	1,300
Iron	ug/L	454	409	375	400	574	591	581	596	1560	414	594	397	632	2100	767	657	158	11,000
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	1.85	<1	1.74	<1	<1	2.94	1.72	1.25	1.0	15
Magnesium	mg/L	1.73	1.75	1.7	1.71	1.7	1.68	1.76	1.76	1.71	1.74	1.68	1.95	1.74	1.64	3.94	1.76	82	NA
Manganese	ug/L	84.6	78.2	67.5	68.2	115	115	99.6	129	212	76.4	139	65.1	100	293	105	46	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	<2.5	<2.5	2.99	<2.5	25	300
Potassium	mg/L	2.22	2.23	2.23	2.24	2.23	2.2	2.34	2.15	3.19	2.29	2.17	2.55	2.3	3.65	2.65	2.25	53	NA
Selenium	ug/L	<2	<2	<2	<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	<5	<5	<5	0.12	71
Sodium	mg/L	9.42	9.44	9.24	9.35	8.92	8.89	8.89	8.78	7.24	9.38	8.46	11.5	8.78	5.73	9.6	13.1	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	<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	<2.5	<2.5	<2.5	19	63
Zinc	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	13.2	<3	3.64	<3	10.2	17.7	22	21.8	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-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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	<2.5	<2.5	<2.5	0.00001	NA

Semi-Volatile Organic Compounds (SVOCs)																			
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
Benzyl alcohol	ug/L	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.169	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	NA	1,500 *
Bis(2-ethylhexyl)phthalate	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.309	<0.3	<0.3	<0.3	<0.3	0.405	<0.3	<0.3	0.3	6

Volatile Organic Compounds (VOCs)																			
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	WS-BKG-002	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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	<0.66	<0.66	<0.66	46	5.0
Toluene	ug/L	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	0.572	<0.57	<0.57	<0.57	<0.57	<0.57	2.0	1,000
Styrene	ug/L	1.07	1.06	1.07	1.07	1.06	1.07	1.07	1.06	1.11	1.1	1.08	1.12	1.11	1.1	1.11	1.11	72	100

(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