



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 SIs ⁽¹⁾	Drinking Water SIs ⁽²⁾
Aluminum	ug/L	58.4	59.5	53.7	53.5	66.4	58.3	65.2	53.8	66.1	45.2	57.4	53.3	45.8	114	61.2	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	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	<0.5	0.6	5.0	10
Barium	ug/L	13.7	13.3	12.8	12.7	13	12.8	12.8	13.9	13.2	11.8	12.6	12.2	13.5	14.7	17.4	28.4	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	17.7	17.5	17.1	18.8	17.9	17.7	17.6	17.8	15	17	17.2	19.7	17.1	9.27	15.1	11.5	1.6	3,100 *
Cadmium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.14	<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	3.26	3.21	3.29	3.31	3.34	3.23	3.32	3.28	3.11	3.16	3.23	3.76	3.29	2.95	4.3	3.7	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	0.71	0.66	0.63	0.69	0.7	0.68	0.74	0.69	0.85	0.64	0.73	0.68	0.64	1.12	1.05	3.21	0.23	1,300 *
Iron	ug/L	101	102	98.3	95.8	109	109	124	97.9	140	92.5	100	138	130	279	85.4	441	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	<0.3	<0.3	0.55	1.0	15
Magnesium	mg/L	1.6	1.62	1.58	1.57	1.59	1.59	1.59	1.61	1.5	1.58	1.59	1.7	1.57	1.43	3.39	1.73	82	NA
Manganese	ug/L	7.88	5.6	2.73	2.72	5.12	5.17	5.62	6.19	19.5	3.38	2.35	61.5	14.2	81.8	79.4	38.1	80	320 *
Nickel	ug/L	0.64	0.78	0.63	0.83	0.67	0.62	0.68	0.6	0.73	0.6	0.7	0.82	0.64	0.92	1.85	1.81	25	300 *
Potassium	mg/L	2.34	2.32	2.36	2.36	2.4	2.32	2.36	2.37	2.17	2.28	2.33	2.41	2.26	1.72	1.29	1.49	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	3.74	3.74	3.94	3.9	3.99	3.81	3.8	3.68	3.79	3.77	3.65	3.02	3.42	3.8	7.84	6.84	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	6.43	6.4	6.33	6.29	6.48	6.44	6.47	6.52	5.99	6.19	6.37	6.78	6.33	4.7	8.73	7.75	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	0.74	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	<0.5	0.51	19	63 *
Zinc	ug/L	3.1	1.2	1.67	1.22	3.04	1.59	1.82	1.55	2.33	<1	<1	4.08	1.14	7.46	19.7	8.51	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 ⁽¹⁾	Drinking Water SLs ⁽²⁾	
		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	109	103	83	85	97.7	102	102	85.3	132	103	103	129	126	436	413	735	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	<1	<1	<1	<1	<1	<1	<1	5.0	10	
Barium	ug/L	18.7	17.8	16.8	16.3	16.7	16.5	16.4	17.3	16.3	15.1	17	23.7	18.9	21.8	22.1	38.5	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	<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	<1	<1	<1	0.017	5.0	
Calcium	mg/L	3.63	3.57	3.64	3.51	3.6	3.52	3.48	3.52	3.41	3.51	3.63	5.02	3.79	3.31	4.51	4.04	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	1.04	<1	<1	1.07	<1	<1	<1	<1	<1	1.22	<1	1.24	1.11	1.8	1.72	2.62	0.23	1,300
Iron	ug/L	478	453	355	358	404	431	404	366	423	309	380	473	580	1210	347	1160	158	11,000	
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.37	<1	1.81	1.0	15	
Magnesium	mg/L	1.7	1.7	1.7	1.67	1.72	1.65	1.66	1.69	1.59	1.68	1.67	2.01	1.7	1.6	3.57	1.83	82	NA	
Manganese	ug/L	83.6	69.6	44.9	45.3	59.9	60.6	56.9	66.5	53.1	36.1	59.5	390	68.3	125	90.4	52.3	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	<2.5	<2.5	25	300	
Potassium	mg/L	2.61	2.56	2.58	2.54	2.6	2.52	2.5	2.54	2.42	2.5	2.61	2.79	2.52	1.93	1.37	1.64	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	6.79	6.78	6.74	6.84	6.89	6.73	6.82	6.83	6.42	6.52	6.7	7.34	6.89	4.98	9.15	8.04	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	3.17	<3	<3	<3	<3	<3	<3	3.26	3.25	5.12	<3	3.6	3.54	10.4	26.1	12.7	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 ⁽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	<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 ⁽¹⁾	Drinking Water SLs ⁽²⁾
Bis(2-ethylhexyl)phthalate	ug/L	2.17	1.01	<0.3	<0.3	<0.3	0.444	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<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 ⁽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	<0.66	<0.66	<0.66	46	5.0

(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