



Dissolved Metals																	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007		
Aluminum	ug/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	85.8	5.0	16,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	1.8	1.65	1.68	1.68	1.66	1.64	1.76	1.67	2.1	1.52	1.81	2.05	1.5	1.58	3.51	5.0	10
Barium	ug/L	19.2	24.2	17.4	19.2	18.6	21.2	15.2	19.2	34	18.5	20.8	17	23.9	15.6	24.9	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	0.53	4.0
Boron	ug/L	21.8	21.1	21.8	22.6	22.4	22.2	22	21.8	21.4	21.6	21.3	21	23.1	22.3	22.7	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	0.017	5.0
Calcium	mg/L	6.63	6.62	6.63	6.42	6.38	6.42	6.36	6.4	6.6	6.3	6.76	6.63	6.4	6.28	4.33	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	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	3.0	4.7 *
Copper	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	0.23	1,300
Iron	ug/L	<20	<20	<20	<20	<20	22.3	<20	21.4	21.6	<20	<20	<20	22.6	26.1	2710	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	0.5	15
Magnesium	mg/L	3.1	3.16	3.04	3.08	3.03	3	2.96	2.97	3.1	2.98	3.08	3.15	3.05	2.98	1.86	82	NA
Manganese	ug/L	22.4	92.4	61.6	88.2	28.1	86.4	3.22	61	210	3.22	102	13.2	47.8	23.8	729	80	320 *
Nickel	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	0.74	25	300 *
Potassium	mg/L	2.9	2.89	2.95	2.88	2.9	2.91	2.92	2.92	2.9	2.89	2.93	2.84	2.9	2.88	4.79	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	8.34	8.37	8.43	8.1	8.23	8.28	8.46	8.47	8.48	8.46	8.46	8.36	8.2	8.25	6.9	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	0.12	71 *
Sodium	mg/L	7.57	7.52	7.68	7.8	7.76	7.59	7.6	7.64	7.46	7.64	7.52	7.46	7.92	7.67	5.03	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	0.8	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	<0.5	0.64	19	63 *
Zinc	ug/L	1.04	<1	<1	<1	<1	<1	<1	<1	1.99	<1	<1	<1	<1	<1	5.33	30	4,700 *

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

(2) Regional Screening Level Summary Table May 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																	Eco SLS ⁽¹⁾	Drinking Water SLS ⁽²⁾	
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007			
Aluminum	ug/L	45.3	60.2	24	25.4	49.8	72	76	89.4	39.1	80.8	42	66.2	289	76.3	80.6	5.0	16,000	*
Antimony	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	6.0	
Arsenic	ug/L	2.87	2.93	2.7	2.64	2.67	2.76	2.7	2.9	2.61	2.52	2.87	2.93	3.78	3.25	4.69	5.0	10	
Barium	ug/L	51.2	78.9	42	46.1	46.2	56.3	37.9	48.3	45.2	36.5	48	43.3	80	43.5	31.1	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	0.53	4.0	
Boron	ug/L	<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	0.017	5.0	
Calcium	mg/L	6.81	6.76	6.63	6.44	6.57	6.51	6.55	6.5	6.69	6.51	6.71	6.72	7.69	6.93	4.61	116	NA	
Chromium	ug/L	<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	3.0	4.7	*
Copper	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.18	<1	<1	0.23	1,300	
Iron	ug/L	508	580	558	644	621	737	644	810	322	563	534	476	1730	945	4760	158	11,000	*
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.24	<1	<1	1.0	15	
Magnesium	mg/L	3.18	3.14	3.07	3.04	3.05	3.06	3.01	3.08	3.13	2.95	3.09	3.13	3.27	3	1.88	82	NA	
Manganese	ug/L	575	726	553	577	549	593	487	568	436	468	675	479	1280	596	896	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	25	300	*
Potassium	mg/L	3.01	2.96	3	2.93	2.97	2.98	3.01	3.01	2.95	2.97	2.92	2.89	3.21	2.99	4.9	53	NA	
Selenium	ug/L	<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	0.12	71	*
Sodium	mg/L	7.64	7.5	7.61	7.66	7.69	7.63	7.64	7.71	7.37	7.49	7.35	7.3	8.04	7.62	5.04	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	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	19	63	*
Zinc	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	3.89	<3	<3	<3	14.8	15.6	13.5	30	4,700	*

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

(2) Regional Screening Level Summary Table May 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-010D	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	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	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-010D	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	Eco SLs ⁽¹⁾ Drinking Water SLs ⁽²⁾
Benzyl alcohol	ug/L	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.17	<0.16	0.172	<0.16	<0.16	<0.16	<0.16	NA 1,500 *

Volatile Organic Compounds (VOCs)																	
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	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	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	<0.57	<0.57	<0.57	<0.57	<0.57	2.0 1,000

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(2)Regional Screening Level Summary Table May 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

1.50E+03