



Dissolved Metals																	Eco SLs ⁽¹⁾		Drinking Water SLs ⁽²⁾	
Contaminant	Units	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S				
Aluminum	ug/L	<20	<20	22.1	<20	<20	26	<20	<20	<20	<20	<20	<20	<20	<20	<20	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	2.55	2.28	2.78	1.92	2.4	2.68	2.41	1.68	2.38	1.71	1.9	1.89	2.56	3.31	2.63	5.0	10		
Barium	ug/L	14.6	15.4	14.7	13.8	12.4	16.1	4.74	9.18	14.7	10.8	10.6	12.1	5.95	19.5	33.6	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	<0.1	<0.1	0.53	4.0		
Boron	ug/L	21.5	20.9	20.8	24.8	22.1	20.1	21.4	21.6	21.4	21.7	22.1	22.7	20.7	20.8	20.3	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	5.98	6.04	6.09	5.84	5.84	3.98	6.01	6.09	6.15	6.08	5.99	5.95	6.22	6.63	6.08	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	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	<0.5	0.23	1,300		
Iron	ug/L	162	110	127	63.6	106	1280	<20	<20	<20	<20	<20	<20	24	24.9	158	11,000	*		
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	0.35	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	1.0	15		
Magnesium	mg/L	2.97	2.99	3.11	2.98	3	1.78	3.02	3.03	3.06	3.01	3	3.12	2.94	3.02	3	82	NA		
Manganese	ug/L	395	261	211	95	172	295	1.29	47.6	672	91.3	1	57.8	598	2060	272	80	320	*	
Nickel	ug/L	0.69	0.68	0.6	0.76	0.62	1.13	0.57	0.54	0.59	0.55	0.59	0.91	0.54	0.54	0.6	25	300	*	
Potassium	mg/L	2.82	2.83	2.83	3.03	2.98	4.36	2.96	3.02	3.03	3.02	3.06	3.06	2.82	2.96	2.8	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	8.29	8.17	8.44	8.33	8.65	3.15	8.75	8.75	8.66	8.66	8.72	8.5	8.26	8.54	8.35	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	7.26	7.28	7.37	8.81	7.9	3.14	7.69	7.82	7.79	7.82	8.04	8.44	7.03	7.14	7.12	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	<0.5	19	63	*	
Zinc	ug/L	9.39	5.18	1.79	1.68	1.66	3.73	<1	2.25	1.76	4.45	<1	1.93	2.08	4.38	5.62	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-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S				
Aluminum	ug/L	75.1	28.8	62.3	153	76.1	216	24.8	33.1	<20	<20	26.2	20.3	37	39.8	37.3	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	3.89	3.26	4.13	4.54	3.96	5.31	3.15	4.04	2.88	3.14	2.91	3.36	4.53	5.49	3.97	5.0	10		
Barium	ug/L	35.7	25.7	31.2	40.4	47.4	80.4	17.6	113	30.6	33.9	21.9	36.1	70.7	131	56	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	25.8	<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	6.25	6.94	6.76	6.08	4.46	6.15	6.37	6.19	6.11	6.01	6.15	6.25	6.52	6.02	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	4.07	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.0	4.7		
Copper	ug/L	<1	<1	<1	<1	<1	2.08	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.23	1,300		
Iron	ug/L	777	529	585	1470	897	3400	408	731	650	814	471	703	829	975	542	158	11,000		
Lead	ug/L	<1	<1	<1	<1	<1	2.25	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0	15		
Magnesium	mg/L	3.06	3.21	3.34	3.17	3.19	1.98	3.32	3.33	3.27	3.18	3.18	3.25	3.31	3.31	3.33	82	NA		
Manganese	ug/L	899	1020	872	1320	1060	3750	792	1070	1010	1080	448	671	1300	1940	677	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	2.9	2.88	2.9	2.99	2.93	4.38	2.87	2.91	2.87	2.83	2.85	2.9	2.94	3	2.88	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	7.41	7.63	7.63	8.78	7.89	2.67	7.86	7.78	7.8	7.62	7.83	7.92	7.96	7.84	8.02	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	5.62	<3	<3	<3	18.9	<3	<3	<3	<3	<3	<3	<3	<3	4.62	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-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	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-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
All SVOCs were below detection limits and screening levels																		

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

(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
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