



Dissolved Metals																		
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⁾
Aluminum	ug/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	131	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	1.28	1.25	1.22	1.15	1.2	1.17	1.3	1.3	1.64	1.36	1.22	1.38	1.14	1.3	3.39	5.0	10
Barium	ug/L	20.4	21.1	20.3	20.8	16.7	17	15	16.2	22.8	16.8	20.8	21	12.6	14.2	25.5	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	20.2	20.3	21.2	21.6	21.1	21.1	20.7	20.9	20	20.8	20.9	20.2	22.3	21	21.9	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	5.32	5.34	4.82	4.82	5.02	5.19	5.38	5.44	5.51	5.31	5.2	5.51	5.13	5.19	4.08	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	0.7	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	25.8	24.8	65.2	74.1	37.3	32.1	20.9	22	22	<20	32.5	<20	<20	21.5	2530	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	0.7	1.0	15
Magnesium	mg/L	2.56	2.57	2.32	2.38	2.42	2.45	2.53	2.51	2.6	2.54	2.51	2.63	2.51	2.55	1.75	82	NA
Manganese	ug/L	53.6	88.3	322	335	6.24	3.67	0.65	0.66	137	22.9	146	21.5	6.05	0.8	805	80	320*
Nickel	ug/L	0.63	0.6	0.67	0.73	0.61	0.61	0.51	0.54	0.57	0.57	0.62	0.56	0.62	0.54	1.07	25	300*
Potassium	mg/L	2.72	2.71	2.76	2.77	2.75	2.79	2.87	2.9	2.77	2.87	2.75	2.75	2.83	2.81	4.98	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	8.6	8.58	9.05	9.01	8.69	8.77	8.56	8.62	8.56	8.23	8.62	8.56	8.51	8.34	8.66	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	7.04	7	7.15	7.3	7.22	7.17	7.12	7.2	6.97	7.24	7.17	7.02	7.59	7.3	4.9	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	<0.5	<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	0.77	19	63*
Zinc	ug/L	1.38	1.18	<1	1.13	1	<1	<1	<1	2.34	<1	<1	1.36	<1	<1	5.6	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																		
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⁾
Aluminum	ug/L	104	209	38.5	47.7	47	63.2	74.7	80.1	48.2	104	67.2	128	142	81.4	145	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	2.22	2.65	2.69	2.57	2.18	2.07	2.11	2.18	2.34	2.22	2.22	2.38	3.19	1.99	4.67	5.0	10
Barium	ug/L	37.7	41.4	36	38.1	30.2	32.5	30.2	30.7	30.8	35.8	34.7	39.5	44.8	27.3	32.6	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	5.44	5.63	5.1	4.93	5.13	5.32	5.64	5.56	5.65	5.57	5.45	5.76	5.63	5.32	4.43	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	1.06	3.0	4.7*
Copper	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.14	<1	<1	0.23	1,300
Iron	ug/L	647	863	1110	1190	649	651	576	609	365	760	613	628	1770	518	4750	158	11,000*
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.36	1.0	15
Magnesium	mg/L	2.69	2.76	2.53	2.48	2.55	2.55	2.7	2.67	2.69	2.7	2.68	2.81	2.63	2.61	1.88	82	NA
Manganese	ug/L	502	585	666	676	399	422	328	334	392	399	466	538	786	313	926	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	2.75	2.81	2.87	2.79	2.79	2.82	2.96	2.91	2.81	2.97	2.84	2.96	2.93	2.81	5.1	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	7.73	7.81	8.07	7.98	7.85	7.82	7.92	7.87	7.64	7.97	8.1	7.86	8.16	7.78	5.43	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	4.57	8.92	<3	6	3.85	<3	7.97	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	0.56	<0.16	<0.16	<0.16	<0.16	<0.16	0.34	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	0.326	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.3	6.0

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

(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

1.50E+03