



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 ⁽¹⁾	Drinking Water SLS ⁽²⁾
Aluminum	ug/L	60.5	59.5	72.9	59.4	67	65.6	77	57.5	172	42.2	47.7	35.4	84.2	197	82.8	169	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	0.55	<0.5	<0.5	<0.5	0.53	0.53	<0.5	0.66	5.0	10
Barium	ug/L	11.9	11.6	11.7	11.8	12.3	12.2	12.9	13	24.4	11.7	13.6	10.7	13.8	17.2	14.6	26	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	15.7	15.8	14.1	15.6	15.2	14.2	15.4	8.56	14.9	15.1	17.8	13.5	8.62	11.6	7.52		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	3.28	3.29	3.03	3.07	3.26	3.2	3.22	3.15	3.38	2.9	3.25	3.63	3.42	3.2	3.18	3.15	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	0.51	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.58	3.0	4.7 *
Copper	ug/L	0.68	0.66	0.58	0.65	0.74	0.71	0.9	0.64	1.71	0.97	1.76	0.76	0.92	1.25	0.7	1.9	0.23	1,300
Iron	ug/L	93	95.1	105	91.1	99	98.2	123	76.6	470	81.4	77.4	73.7	136	306	102	492	158	11,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.44	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.41	1.0	15
Magnesium	mg/L	1.52	1.55	1.47	1.48	1.54	1.52	1.54	1.52	1.68	1.53	1.52	1.61	1.55	1.44	2.6	1.72	82	NA
Manganese	ug/L	2.9	3.25	3.59	3.48	14.5	13.2	29.2	19	51.9	2.98	28	5.33	49.8	152	124	54.1	80	320 *
Nickel	ug/L	0.57	0.58	<0.5	0.53	0.7	0.59	0.65	0.57	1.92	0.57	0.66	0.63	0.73	1.11	1.4	2.14	25	300 *
Potassium	mg/L	2.28	2.29	2.12	2.13	2.23	2.2	2.12	2.25	1.13	2.15	2.28	2.35	2.05	1.61	0.966	1.11	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	3.01	2.86	3.22	3.17	3.2	3.15	3.15	3.23	5.69	2.91	3.35	2.31	3.44	4.91	7.86	5.96	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	6.23	6.28	5.48	5.56	5.95	5.88	5.86	5.88	6.13	5.95	5.78	6.77	5.83	5.25	6.29	6.02	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	<0.5	<0.5	0.58	19	63 *
Zinc	ug/L	5.57	1.33	<1	1.03	1.65	1.5	1.97	1.66	8.06	<1	1.42	<1	2.59	6.31	19.2	9	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	316	317	294	290	312	312	461	292	1450	346	340	331	725	2390	1420	1880	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	1.24	<1	<1	5.0	10
Barium	ug/L	15.3	15.3	14.9	14.9	15.6	15.5	16.2	16.8	21.2	15.8	17.8	14.1	18.3	31.1	20.2	31.9	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	3.48	3.51	3.21	3.26	3.5	3.51	3.42	3.44	3.4	3.37	3.39	3.8	3.76	3.65	3.46	3.6	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	1.3	<1	<1	<1	<1	2.01	1.25	1.49	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	1.85	<1	6.76	<1	1.22	2.36	1.17	2.2	0.23	1,300	
Iron	ug/L	564	616	475	488	449	479	523	486	1060	596	511	454	675	1880	675	1370	158	11,000
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	1.02	<1	<1	<1	<1	<1	1.7	<1	1.39	1.0	15
Magnesium	mg/L	1.64	1.63	1.56	1.54	1.64	1.64	1.59	1.64	1.61	1.64	1.64	1.71	1.69	1.7	2.74	1.8	82	NA
Manganese	ug/L	54.4	59.6	45.8	48.4	60.3	61	70.6	77.6	102	53.7	85.2	55.7	83.9	204	129	56.9	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	2.54	25	300
Potassium	mg/L	2.44	2.45	2.27	2.3	2.39	2.41	2.28	2.46	2.11	2.36	2.38	2.5	2.26	1.99	1.24	1.32	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	6.42	6.46	5.69	5.7	6.18	6.19	5.94	6	5.72	6.22	6.07	6.89	6.17	5.5	6.64	6.26	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	3.04	<2.5	2.52	19	63
Zinc	ug/L	6.9	<3	<3	<3	<3	<3	3.37	<3	8.87	5.09	<3	<3	5.78	20.9	23.6	11.1	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⁾
Di-n-butyl phthalate	ug/L	0.287	<0.2	<0.2	<0.2	<0.2	<0.2	0.218	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	9.4	670 *
Bis(2-ethylhexyl)phthalate	ug/L	0.448	0.368	0.308	<0.3	<0.3	<0.3	0.306	<0.3	0.474	0.45	0.558	0.322	0.396	1.04	0.326	0.815	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-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

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*MCL unavailable, tapwater screening level used

Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

Exceeds Ecological & Regional Screening Level