



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	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	140	<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	0.56	0.56	0.55	0.54	0.51	0.51	0.56	0.85	0.58	0.51	0.54	0.58	0.67	1.55	<0.5	5.0	10
Barium	ug/L	15.7	15.4	14.5	14.8	14.6	14.4	14.7	17.7	14.9	15.4	16.2	11.7	10.6	16.1	40	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	22.6	22.4	22.8	22	21.7	21	20.1	21	21.7	20	23.7	21.4	20.5	61.5	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	3.43	3.38	3.28	3.31	3.37	3.31	3.42	3.63	3.42	3.34	3.46	3.7	3.3	2.86	15.3	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	1.49	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	0.53	<0.5	<0.5	0.81	0.95	0.23	1,300
Iron	ug/L	<20	<20	<20	<20	<20	<20	<20	32.7	<20	<20	<20	<20	<20	1130	<20	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	0.62	<0.3	1.0	15
Magnesium	mg/L	2.06	2.07	2.04	2.04	2.05	2.05	2.1	2.13	2.12	2.06	2.13	2.23	2.04	1.68	8.5	82	NA
Manganese	ug/L	6.66	4.09	1.21	1.16	1.46	1.2	0.6	89.4	5.92	5.36	4.21	8.05	2.52	254	13.6	80	320*
Nickel	ug/L	0.54	0.52	0.6	0.54	0.5	<0.5	<0.5	0.52	<0.5	0.56	<0.5	0.58	<0.5	1.04	0.95	25	300*
Potassium	mg/L	2.34	2.29	2.35	2.35	2.29	2.28	2.35	2.26	2.33	2.31	2.24	2.46	2.32	4.15	3.06	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	9.11	9.1	9.38	9.39	9.1	9.12	8.74	8.59	8.69	9.33	8.82	8.92	8.68	9.27	9.1	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	8.17	8.2	8.45	8.42	8.24	8.23	8.08	7.73	8.13	8.32	7.78	9.07	8.12	5.4	20	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	0.76	<0.5	19	63*
Zinc	ug/L	1.41	<1	<1	<1	1.06	<1	<1	2.33	<1	<1	<1	<1	<1	2.92	5.59	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-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	Eco SLS ⁽¹⁾	Drinking Water SLS ⁽²⁾
Aluminum	ug/L	65.1	80.1	28.1	22.8	39	37.8	37	48.3	44.3	65.3	124	31.8	70.6	241	909	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	<1	<1	<1	<1	<1	<1	<1	1.18	<1	<1	1.04	<1	1.01	2.63	<1	5.0	10
Barium	ug/L	20.1	20	17.7	17.7	18.1	17.9	18.6	20.8	17.8	19.8	24.2	14.7	14.3	38.3	40.9	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	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	60.3	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	3.57	3.55	3.44	3.43	3.51	3.51	3.58	3.78	3.64	3.51	3.7	3.88	3.48	3.34	15.8	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	2.57	<1	<1	<1	<1	<1	1.36	<1	2.94	1.1	0.23	1,300
Iron	ug/L	583	582	500	505	438	442	421	366	400	609	611	389	370	3150	444	158	11,000*
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.64	<1	1.0	15
Magnesium	mg/L	1.8	1.78	1.75	1.74	1.75	1.75	1.79	1.82	1.78	1.73	1.8	1.89	1.72	1.47	8.39	82	NA
Manganese	ug/L	180	174	119	121	146	146	144	225	136	170	236	127	124	358	17.8	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	2.44	2.45	2.5	2.51	2.43	2.42	2.45	2.38	2.53	2.46	2.42	2.6	2.46	4.44	3.28	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	9.32	9.31	9.47	9.56	9.3	9.17	9.17	8.72	9.07	9.22	8.62	9.77	9.1	6.14	19.6	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	<3	<3	<3	<3	84	7.71	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-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	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-018S	WS-001	WS-002	WS-003	WS-005	WS-006	WS-007	WS-008	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	1.0	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	0.386	NA	1,500 *
4-Methylphenol (p-Cresol)	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.139	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	1,400 *
Naphthalene	ug/L	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.126	1.1	0.14 *

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	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
Styrene	ug/L	0.831	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	0.828	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	72	100

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(2) Regional Screening Level Summary Table May 2013

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