

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	Eco SLS ⁽¹⁾	Drinking Water SLS ⁽²⁾
Aluminum	ug/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	37.1	<20	<20	<20	240	5.0	16,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/L	2	1.99	1.54	1.59	1.99	1.94	2.4	2.64	2.3	1.76	2.23	2.7	2.2	4.06	5.0	10
Barium	ug/L	8.56	13	12.1	16.1	9.31	15.2	7.1	18.4	7.08	8.98	14	6.12	11.5	32.3	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	0.53	4.0
Boron	ug/L	21.2	21.2	20.9	20.8	21.3	21.1	21.5	21	20.2	20.5	20.1	21.7	20.3	26	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	0.017	5.0
Calcium	mg/L	5.48	5.63	5.52	5.53	5.53	5.73	5.36	5.81	5.6	5.73	5.91	5.51	5.66	4.39	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	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	1.25	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	0.76	0.23	1,300
Iron	ug/L	<20	31.2	28.8	35	33.7	106	74.8	34.5	53	28.2	25.1	140	49.1	1950	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	1.21	1.0	15
Magnesium	mg/L	2.88	2.98	2.92	2.92	2.88	2.94	2.89	2.9	2.68	2.75	2.9	2.66	2.77	2.01	82	NA
Manganese	ug/L	3.56	118	7.66	27.8	9.69	277	22	324	25.5	10.5	156	30.4	74	599	80	320 *
Nickel	ug/L	0.82	0.87	0.74	0.76	0.74	0.8	0.76	0.97	0.66	0.7	0.74	0.85	0.76	1.86	25	300 *
Potassium	mg/L	2.51	2.58	2.56	2.55	2.6	2.61	2.56	2.72	2.7	2.65	2.7	2.79	2.72	5.2	53	NA
Selenium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/L	6.91	7.04	6.79	6.8	6.93	6.94	6.98	7.66	7.59	7.3	7.7	7.43	7.69	5.16	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	0.12	71 *
Sodium	mg/L	7.32	7.48	7.23	7.15	7.32	7.26	7.43	7.33	6.93	6.9	7.24	7.25	7.08	7	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	0.8	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	1.4	19	63 *
Zinc	ug/L	3.65	2.98	1.91	3.49	5.66	7.19	1.45	4.57	<1	<1	2.98	<1	<1	13.8	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	Eco Sls ⁽¹⁾	Drinking Water Sls ⁽²⁾
Aluminum	ug/L	126	142	52.1	50.4	68.5	75.3	107	79	151	236	160	274	234	1460	5.0	16,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	3.31	3.29	2.42	2.48	2.75	2.97	3.41	3.46	3.46	4.69	3.98	6.57	3.73	7.56	5.0	10
Barium	ug/L	25.6	35.9	25.2	32.6	22.2	29.5	22.4	33.8	23.3	45.8	41.5	64.6	33	104	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	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	26.5	1.6	3,100
Cadmium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	6.15	6.16	6.07	5.9	5.93	6.22	6	6.03	6.01	6.61	6.23	6.87	6.22	5.02	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.38	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6.57	3.0	4.7 *
Copper	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.15	<1	2.4	<1	3.28	0.23	1,300
Iron	ug/L	716	832	644	692	673	882	992	663	1050	1850	1040	4000	1360	8290	158	11,000 *
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.01	<1	1.67	<1	5.81	1.0	15
Magnesium	mg/L	2.9	2.91	2.8	2.76	2.79	2.9	2.82	2.95	2.68	3	2.99	2.82	2.86	2.32	82	NA
Manganese	ug/L	629	778	429	540	399	759	508	813	586	1310	1020	2430	773	3720	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	3.73	25	300 *
Potassium	mg/L	2.86	2.86	2.84	2.77	2.83	2.9	2.87	2.82	2.78	2.97	2.85	3.06	2.94	5.69	53	NA
Selenium	ug/L	<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	0.12	71 *
Sodium	mg/L	7.36	7.38	7.06	6.87	7.12	7.25	7.28	7.57	7.08	7.43	7.54	7.5	7.35	7.57	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	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	4.42	19	63 *
Zinc	ug/L	4.7	<3	<3	<3	<3	<3	<3	5.08	6.78	5.87	<3	18	<3	24.2	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	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	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	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	0.35	<0.16	<0.16	<0.16	0.173	<0.16	<0.16	NA	1400 *

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	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	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	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
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