



Dissolved Metals (Surface Water)																			
Contaminant	Units	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	WS-011S	WS-011B	WS-014S	WS-014B	WS-012S	WS-012B	WS-010S	WS-018S	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
Aluminum	ug/L	178	118	155	426	140	277	<20	1400	76.7	71.7	80.1	86.1	103	108	190	98.2	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	0.8	0.58	0.6	3.31	0.73	2.47	1.08	2.6	0.56	0.58	0.65	0.62	0.64	0.68	0.83	0.6	5.0	10
Barium	ug/L	12.6	11.4	11.7	29.4	12	27.7	33.8	29.8	11.5	11.6	11.6	11.4	12	12	14.8	12.1	3.9	2,000
Beryllium	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.12	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.53	4.0
Boron	ug/L	14.8	15.1	15.4	14	15.2	13.4	19.1	13.4	15.7	15.3	15.8	15.6	15.5	16.2	15.3	15.8	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	3.22	3.19	3.22	4.23	3.2	3.89	16	3.51	3.21	3.18	3.22	3.26	3.24	3.26	3.22	3.29	116	NA
Chromium	ug/L	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5	1.3	<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	4.7	<0.5	4.35	4.36	<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	0.83	4.42	1.7	13	0.82	1.37	1.01	12.1	0.81	0.71	0.77	0.81	0.79	0.81	0.96	0.74	0.23	1300
Iron	ug/L	296	227	204	388	277	252	608	956	197	188	244	229	279	264	366	201	158	11,000 *
Lead	ug/L	<0.3	<0.3	<0.3	0.4	<0.3	<0.3	<0.3	0.95	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	1.0	15
Magnesium	mg/L	2.44	2.54	2.54	2.81	2.41	2.7	6.71	2.6	2.48	2.5	2.53	2.55	2.5	2.52	2.42	2.56	82	NA
Manganese	ug/L	205	41.3	29.5	911	126	876	969	699	35.1	33	52.8	52.6	94.5	85.7	249	50.2	80	320 *
Nickel	ug/L	1.1	1.04	0.91	2.46	1.04	2.21	8.34	3.07	0.94	0.9	1.06	1.03	1.04	1.11	1.13	0.92	25	300 *
Potassium	mg/L	1.84	1.85	1.83	2.44	1.84	2.38	2.62	2.27	1.84	1.82	1.87	1.88	1.87	1.9	1.86	1.83	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	2.68	1.99	2.01	7.21	2.44	6.53	3.82	10.9	1.92	1.89	2	1.94	2.15	2.1	2.81	1.86	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	7.62	7.75	7.73	6.41	7.66	6.39	12.5	6.96	7.69	7.71	7.94	7.95	7.86	7.88	7.61	7.79	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	1.02	<0.5	0.71	<0.5	1.83	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.52	<0.5	19	78 *
Zinc	ug/L	2.65	2.13	1.42	5.58	2.45	4.09	11.4	8.66	1.98	2.33	1.91	1.46	1.62	1.58	2.88	3.12	30	4,700 *

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) Regional Screening Level Summary Table November 2012

\*MCL unavailable, tapwater screening level used

NA: MCL & Drinking Water Screening Levels are unavailable

Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

Exceeds Ecological & Regional Screening Level



		Total Metals (Surface Water)																	
Contaminant	Units	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	WS-0115	WS-0118	WS-0145	WS-0148	WS-0125	WS-0128	WS-0105	WS-0185	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
Aluminum	ug/L	1640	215	276	23000	1010	26600	123	29200	209	216	269	267	423	378	1450	269	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	1.82	<1	<1	4.63	1.37	4.39	1.03	4.13	<1	<1	3.05	1.58	2.2	<1	1.59	2.2	5.0	10
Barium	ug/L	38.5	18.9	20.9	219	25.8	239	35.2	250	20	20.8	19.7	19.8	21.2	20.7	33.2	21.6	3.9	2,000
Beryllium	ug/L	<0.5	<0.5	<0.5	1.74	<0.5	1.9	<0.5	2.04	<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	3.55	3.34	3.33	6.67	3.38	6.52	16.9	6.5	3.32	3.37	3.18	3.26	3.21	3.4	3.49	3.21	116	NA
Chromium	ug/L	1.5	<1	<1	12.7	<1	13.7	<1	15.2	<1	<1	<1	<1	<1	<1	1.3	<1	2.0	100
Cobalt	ug/L	1.7	<1	<1	14.4	<1	15.4	4.58	15.9	<1	<1	<1	<1	<1	<1	1.33	<1	3.0	4.7 *
Copper	ug/L	2.03	1.21	1.06	8.99	1.54	9.86	1.36	10.2	<1	1.02	1.2	1.17	1.2	1.08	1.74	1.3	0.23	1,300
Iron	ug/L	3050	829	821	25400	2140	27000	1170	27400	773	784	975	1020	1180	1120	2320	923	158	11,000 *
Lead	ug/L	3.08	<1	<1	28.4	1.76	34.5	<1	34.4	<1	<1	<1	<1	<1	<1	2.32	<1	1.0	15
Magnesium	mg/L	1.85	1.68	1.72	4.08	1.73	4.13	7.56	4.28	1.64	1.65	1.8	1.73	1.77	1.7	1.82	1.83	82	NA
Manganese	ug/L	566	291	323	2480	370	2680	873	979	311	324	306	313	339	329	494	369	80	320 *
Nickel	ug/L	2.61	<2.5	<2.5	14.7	<2.5	15.5	8.81	16.8	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25	300 *
Potassium	mg/L	2.01	1.92	1.92	3.2	1.91	3.35	2.75	3.38	1.93	1.94	1.91	1.92	1.9	1.96	2.02	1.81	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	8.83	8.87	8.88	7	8.9	6.77	12.8	7.22	8.44	8.54	9.17	9	8.94	8.98	8.81	9.08	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	2.55	<2.5	<2.5	18.5	<2.5	20	<2.5	20.3	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	19	78 *
Zinc	ug/L	9.64	3.56	<3	49.6	5.31	52.6	11.6	55.1	<3	<3	<3	<3	<3	<3	6.24	4.98	30	4,700 *

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) Regional Screening Level Summary Table November 2012

\*MCL unavailable, tapwater screening level used

NA: MCL & Drinking Water Screening Levels are unavailable

Exceeds Ecological Screening Level
Exceeds Regional MCL or Tapwater Screening Level
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Oil & Grease (Surface Water)																			
Contaminant	Units	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	WS-011S	WS-011B	WS-014S	WS-014B	WS-012S	WS-012B	WS-010S	WS-018S	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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) (Surface Water)																			
Contaminant	Units	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	WS-011S	WS-011B	WS-014S	WS-014B	WS-012S	WS-012B	WS-010S	WS-018S	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
4-Methylphenol (p-Cresol)	ug/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.342	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	1,400 *
Di-n-butyl phthalate	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.209	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	9.4	670 *
Benzyl alcohol	ug/L	0.688	0.627	<0.16	0.565	0.511	0.648	<0.16	0.515	0.507	0.883	0.556	0.669	0.736	0.761	0.712	0.646	8.6	1,500 *
Bis(2-ethylhexyl)phthalate	ug/L	<0.3	<0.3	0.648	<0.3	<0.3	<0.3	0.405	0.44	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.3	6
Acetophenone	ug/L	<0.1	<0.1	<0.1	0.145	<0.1	0.101	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	NA	1,500 *

Volatile Organic Compounds (VOCs) (Surface Water)																			
Contaminant	Units	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	WS-011S	WS-011B	WS-014S	WS-014B	WS-012S	WS-012B	WS-010S	WS-018S	Eco SLs <sup>(1)</sup>	Drinking Water SLs <sup>(2)</sup>
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
Toluene	ug/L	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	1.08	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	2.0	1,000
Ethylbenzene	ug/L	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	0.574	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	7.3	700
Styrene	ug/L	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53	72	100
Zylenes (Total)	ug/L	<1.7	<1.7	<1.7	1.727	<1.7	<1.7	1.974	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	13	10,000
Chloroform	ug/L	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	6.46	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	1.8	80

(1) Savannah River National Laboratory - Ecological Screening Values for Surface Water (2005)

(2) Regional Screening Level Summary Table November 2012

\*MCL unavailable, tapwater screening level used

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