



Dissolved Metals											
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	Eco SLs ⁽¹⁾ Drinking Water SLs ⁽²⁾
Aluminum	ug/L	<20	<20	<20	<20	55.4	37.4	102	98.7	<20	5.0 16,000 *
Antimony	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	30 6.0
Arsenic	ug/L	0.74	0.72	0.77	0.8	0.92	0.93	0.99	0.98	0.71	5.0 10
Barium	ug/L	10.1	10	10.3	10.9	11.5	11.3	12.1	12	6.29	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	0.53 4.0
Boron	ug/L	18.9	18.7	17	17.9	17.8	17.8	15.8	15.8	18.2	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	0.017 5.0
Calcium	mg/L	3.96	3.92	3.76	3.6	3.57	3.59	3.16	3.15	4.02	116 NA
Chromium	ug/L	<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	3.0 4.7 *
Copper	ug/L	0.74	0.73	0.79	0.63	2.88	0.78	0.94	1	0.58	0.23 1300
Iron	ug/L	61.7	63.2	123	156	186	164	294	288	42.5	158 11,000 *
Lead	ug/L	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	1.0 15
Magnesium	mg/L	1.97	1.97	1.99	2.01	1.9	1.92	1.7	1.71	1.85	82 NA
Manganese	ug/L	6.52	6.32	19.3	25.8	70.1	71.6	46.5	41.7	1.79	80 320 *
Nickel	ug/L	1.05	1.04	1.02	1.05	1.15	1.17	1.22	1.25	0.86	25 300 *
Potassium	mg/L	2.22	2.19	2.05	1.94	2.08	2.06	2	2.01	2.22	53 NA
Selenium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0 50
Silicon Dioxide	mg/L	2.45	2.45	2.49	2.44	2.76	2.61	3.05	3.02	2.53	NA NA
Silver	ug/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.12 71 *
Sodium	mg/L	6.7	6.58	6	5.88	6.11	6.32	4.72	4.68	5.96	680 NA
Thallium	ug/L	<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	19 78 *
Zinc	ug/L	4.03	2.05	3.7	3.96	5.17	4.13	5.53	3.57	3.76	30 4,700 *

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

(2) Regional Screening Level Summary Table November 2012

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	Eco SLs ⁽¹⁾ Drinking Water SLs ⁽²⁾
Aluminum	ug/L	135	172	64.2	84.8	523	439	746	781	127	5.0 16,000 *
Antimony	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	30 6.0
Arsenic	ug/L	1.24	1.18	1.14	1.19	1.54	1.51	1.81	1.79	1.09	5.0 10
Barium	ug/L	18	17.9	16.9	17.5	19.7	19.9	22.1	22	16.6	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	0.53 4.0
Boron	ug/L	<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	0.017 5.0
Calcium	mg/L	4.36	4.25	4.01	3.95	3.79	3.91	3.45	3.5	4.08	116 NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.0 100
Cobalt	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.0 4.7 *
Copper	ug/L	1.02	<1	32.5	<1	1.04	1.01	1.32	1.29	<1	0.23 1,300
Iron	ug/L	887	908	795	880	1280	1290	1680	1620	740	158 11,000 *
Lead	ug/L	<1	<1	15.1	<1	<1	<1	1.09	1.08	<1	1.0 15
Magnesium	mg/L	2.1	2.09	2.01	2.02	1.92	1.99	1.78	1.83	2.08	82 NA
Manganese	ug/L	331	336	339	371	408	432	364	336	326	80 320 *
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25 300 *
Potassium	mg/L	2.45	2.41	2.21	2.16	2.25	2.29	2.21	2.23	2.27	53 NA
Selenium	ug/L	<2	<2	<2	<2	<2	<2	<2	<2	<2	1.0 50
Silver	ug/L	<5	<5	<5	<5	<5	<5	<5	<5	<5	0.12 71 *
Sodium	mg/L	6.93	6.78	5.67	5.37	5.53	6.02	4.56	4.64	6.62	680 NA
Thallium	ug/L	<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	19 78 *
Zinc	ug/L	<3	<3	20	<3	<3	<3	3.76	3.82	<3	30 4,700 *

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

(2) Regional Screening Level Summary Table November 2012

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	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	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	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Benzyl alcohol	ug/L	<0.16	<0.16	<0.16	<0.16	0.165	<0.16	0.176	0.196	0.168	NA	1400 *

Volatile Organic Compounds (VOCs)												
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-010D	WS-018S	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	46	5.0

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

(2) Regional Screening Level Summary Table November 2012

NA: MCL & Drinking Water Screening Levels are unavailable

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Exceeds Ecological Screening Level

Exceeds Regional MCL or Tapwater Screening Level

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