

Volatile Organics												
Chemical	Units	WS-003	WS-002	WS-BKG-001	WS-005	WS-001	WS-007	WS-006	WS-008	WS-004	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Acetone	ug/l								58		1500	12000*
Chloroform	ug/l	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.745	<0.27	1.8	80
Benzene	ug/l	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	31.5	<0.66	46	5.0
Bromodichloromethane	ug/l	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	<0.65	NA	80
Toluene	ug/l	<0.57	<0.57	<0.57	<0.57	0.616	<0.57	<0.57	78	<0.57	2.0	1000
Ethylbenzene	ug/l	<0.51	<0.51	<0.51	<0.51	0.588	0.513	<0.51	12.1	<0.51	7.3	700
m,p-Xylene	ug/l	<1.2	<1.2	<1.2	<1.2	2.21	<1.2	<1.2	75.8	<1.2	NA	NA
o-Xylene	ug/l	<0.5	<0.5	<0.5	<0.5	2.85	0.767	<0.5	33.2	<0.5	NA	NA
Total Zylenes	ug/l	<1.7	<1.7	<1.7	<1.7	5.06		<1.7	109	<1.7	13	10000
Isopropylbenzene	ug/l	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	3.31	<0.59	NA	390*
n-Propylbenzene	ug/l	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	9.9	<0.49	NA	530*
1,3,5-Trimethylbenzene	ug/l	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	25.2	<0.3	NA	87*
tert-Butylbenzene	ug/l	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	2.2	<0.85	NA	NA
1,2,4-Trimethylbenzene	ug/l	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	26.8	<0.46	NA	15*
sec-Butylbenzene	ug/l	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	4.61	<0.63	NA	NA
p-Isopropyltoluene	ug/l	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	1.31	<0.59	NA	NA
Naphthalene	ug/l	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	4.39	<1.53	1.1	0.14*
Oil and Grease	mg/l	<2.5	<2.5	<2.5	3.8	3.5	<2.5	<2.5	45.7	3.5	0.01	NA
Semi-volatiles												
Benzyl alcohol	ug/l	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<16	<0.16	8.6	1500*
Acetophenone	ug/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	0.14	NA	1500*
Napthalene	ug/l	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<8	0.105	1.1	0.14*
Di-n-butyl phthalate	ug/l	<0.2	<0.2	<0.2	<0.2	<0.2	0.828	<0.2	<20	<0.2	9.4	670*

Dissolved Metals												
Chemical	Units	WS-003	WS-002	WS-BKG-001	WS-005	WS-001	WS-007	WS-006	WS-008	WS-004	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/l	58.6	42.1	172	55.4	81.4	262	73.8	170	242	5.0	16000*
Antimony	ug/l	<5	<5	<5	<5	<5	<5	<5	<5	<5	30	6.0
Arsenic	ug/l	0.51	<0.5	1.29	<0.5	0.68	1.71	0.86	0.76	1.69	5.0	10
Barium	ug/l	13.6	12	22.5	11.5	13.6	19.5	13.3	15.3	19.5	3.9	2000
Beryllium	ug/l	<1	<1	<0.1	<1	<1	<1	<0.1	<0.1	<1	0.53	4.0
Boron	ug/l	12.6	9.76	13.1	11.5	11.1	8.37	11	10.5	8.58	1.6	3100
Cadmium	ug/l	<1	<1	<0.1	<1	<1	<0.1	<1	<0.1	<0.1	0.017	5.0
Calcium	mg/l	4.96	4.24	7.07	4.44	4.97	4.76	4.13	5.2	4.35	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	0.65	<0.5	<0.5	1.93	<0.5	2.57	1.91	3.0	4.7*
Copper	ug/l	0.63	<0.5	3	0.75	0.8	203	0.94	2.42	2.13	0.23	1300
Iron	ug/l	173	183	338	192	318	511	308	350	549	158	11000*
Lead	ug/l	<0.3	<0.3	0.38	<0.3	<0.3	0.47	<0.3	0.36	0.49	1.0	15
Magnesium	mg/l	1.3	1.26	1.67	1.38	1.35	1.36	1.43	1.82	1.4	82	NA
Manganese	ug/l	66.6	45.4	40.6	43.7	153	460	148	544	469	80	320*
Nickel	ug/l	0.67	0.63	1.62	0.74	0.9	2.06	0.96	2.6	2.06	25	300*
Potassium	mg/l	1.61	1.31	1.48	1.66	1.55	1.63	1.55	1.22	1.69	53	NA
Selenium	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.0	50
Silicon Dioxide	mg/l	2.6	2.42	7.61	2.34	2.83	4.48	2.82	8.54	4.36	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	4.75	3.98	3.9	4.84	4.71	3.44	4.82	4.42	3.4	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	0.67	<0.5	<0.5	0.7	<0.5	0.64	0.85	19	78*
Zinc	ug/l	2.66	2.76	12	2.14	4.38	12.8	3.37	20.5	11.8	30	4700*

Total Metals												
Chemical	Units	WS-003	WS-002	WS-BKG-001	WS-005	WS-001	WS-007	WS-006	WS-008	WS-004	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/l	352	319	706	381	1010	3050	899	17200	2630	5.0	16000*
Antimony	ug/l	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/l	<1	<1	1.42	<1	1.01	3.18	1.17	7.65	2.74	5.0	10
Barium	ug/l	17.4	15.9	26.1	15.4	20.8	62.4	19.8	229	55	3.9	2000
Beryllium	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.71	<0.5	0.53	4.0
Boron	ug/l	<25	<25	<25	<25	<25	<25	<25	<25	<25	1.6	3100
Cadmium	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/l	4.67	4.43	7.74	4.08	5.57	3.63	4.17	6.1	5.26	116	NA
Chromium	ug/l	<1	<1	<1	<1	1.59	3.19	1.08	27.6	2.79	2.0	100
Cobalt	ug/l	<1	<1	<1	<1	<1	4.06	<1	23.7	3.71	3.0	4.7*
Copper	ug/l	<1	<1	3.3	<1	1.22	4.43	1.24	16.9	4.05	0.23	1300
Iron	ug/l	746	689	719	728	1300	4740	1260	36500	4280	158	11000*
Lead	ug/l	<1	<1	<1	<1	1.17	7.7	<1	51.3	6.89	1.0	15
Magnesium	mg/l	1.37	1.29	1.75	1.44	1.45	1.92	1.5	6.5	1.89	82	NA
Manganese	ug/l	141	108	47.7	106	221	624	216	2240	593	80	320*
Nickel	ug/l	<2.5	<2.5	<2.5	<2.5	<2.5	5.08	<2.5	34.1	4.94	25	300*
Potassium	mg/l	1.64	1.43	1.55	1.71	1.73	1.92	1.69	2.67	1.9	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	4.75	4	3.94	4.93	4.75	3.48	4.88	4.42	3.41	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	5.52	<2.5	22.2	4.83	19	78*
Zinc	ug/l	<3	<3	12.6	<3	6.34	35.8	6	145	31.8	30	4700*

(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

Exceeds Ecological Screening Level

Exceeds Regional Screening Level

Exceeds Ecological & Regional Screening Level