

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-BKG-002	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Aluminum	ug/L	98	115	52.8	54.1	170	128	503	95.5	873	13200	102	129	13500	544	13300	989	6210	5.0	16,000
Antimony	ug/L	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	30	6.0
Arsenic	ug/L	<1	<1	1.08	<1	1.1	1	1.7	1.01	1.55	4.91	<1	<1	5.88	2.35	5.64	1.04	8.81	5.0	10
Barium	ug/L	18.9	18.8	16.6	17	17.5	17.2	23.9	18.8	34.1	120	16.1	19.5	136	22.8	134	58	203	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	0.9	<0.5	<0.5	1.21	<0.5	1.13	<0.5	0.82	0.53	4.0
Boron	ug/L	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	38.3	<25	1.6	3,100
Cadmium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.017	5.0
Calcium	mg/L	4.32	4.24	4.32	4.32	4.19	4.03	4.13	4.17	8.41	4.77	4.02	4.1	4.86	4.24	4.56	18.6	7.11	116	NA
Chromium	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.73	<1	<1	9.76	<1	10.4	1.12	7.45	2.0	100
Cobalt	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	1.24	6.95	<1	<1	7.86	<1	8.12	<1	22.3	3.0	4.7
Copper	ug/L	1.02	<1	<1	<1	<1	<1	<1	<1	2.19	5.98	<1	<1	7.03	1.08	6.79	2.14	12.7	0.23	1,300
Iron	ug/L	484	514	572	604	797	750	1480	490	1840	15500	524	589	17800	1430	16800	806	14000	158	11,000
Lead	ug/L	<1	<1	<1	<1	<1	<1	<1	<1	2.2	17.3	<1	<1	23.4	<1	21	<1	22.2	1.0	15
Magnesium	mg/L	2.09	2.13	2.12	2.18	2.12	1.93	2.01	2.03	3.69	3.02	1.94	2	3.06	2.08	3.15	9.95	3.95	82	NA
Manganese	ug/L	359	366	334	349	318	321	644	437	171	819	288	432	491	520	684	348	4180	80	320
Nickel	ug/L	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	3.05	9.94	<2.5	<2.5	11.5	<2.5	11.8	4.03	11.5	25	300
Potassium	mg/L	2.35	2.31	2.35	2.36	2.34	2.24	2.29	2.21	2.78	3.55	2.2	2.19	3.98	2.21	3.86	3.44	8.99	53	NA
Selenium	ug/L	<2	<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	<5	0.12	71
Sodium	mg/L	5.57	5.67	5.76	5.92	5.94	5.33	5.48	5.33	13.3	5.27	5.37	5.38	5.11	5.84	4.97	20	5.34	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	<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	13.3	<2.5	<2.5	15.4	<2.5	15.7	<2.5	17.5	19	78
Zinc	ug/L	<3	<3	<3	<3	<3	<3	<3	<3	11.6	37.1	5.02	<3	48.7	8.23	41.1	13.4	176	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

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Oil & Grease																				
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-BKG-002	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	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	<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-BKG-002	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	Eco SLs ⁽¹⁾	Drinking Water SLs ⁽²⁾
Benzyl alcohol	ug/L	0.219	0.213	0.184	0.2	<0.16	0.18	0.192	0.202	0.235	0.198	0.233	0.256	0.19	0.203	0.233	0.206	2.2	NA	1400
Di-n-butyl phthalate	ug/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.392	2.49	9.4	670
Butyl benzyl phthalate	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	<0.3	<0.3	<0.3	0.876	NA	14
Bis(2-ethylhexyl)phthalate	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	<0.3	<0.3	<0.3	0.394	0.3	6.0

Volatile Organic Compounds (VOCs)																				
Contaminant	Units	WS-011S	WS-011D	WS-014S	WS-014D	WS-012S	WS-012D	WS-010S	WS-018S	WS-BKG-002	WS-001	WS-002	WS-003	WS-004	WS-006	WS-007	WS-008	WS-019	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	<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	0.576	<0.57	0.573	<0.57	<0.57	<0.57	2.0	1,000

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