

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

**ELEMENTS BY ICP/MS (WATER)**

BV Labs										
Sampling Date		2020-10-21	2020-10-21	2020-10-21	2020-10-21	2020-10-21	2020-10-21	2020-10-21	2020-10-21	
sampling location		A	B	C	D	E	F	G	Treatment Facility	
	UNITS									
Metals/Elements	Parts Per Billion (µg/L)									Maximum Acceptable Concentration (MAC) µg/l
Total Aluminum (Al)	µg/l	18	10	15	11	14	14	17	22	2,900.0
Total Antimony (Sb)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	6.0
Total Arsenic (As)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	10.0
Total Barium (Ba)	µg/l	2.7	2.5	2.4	2.7	2.8	2.5	2.7	2.4	1,000.0
Total Beryllium (Be)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	4.0
Total Bismuth (Bi)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Boron (B)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	5000.0
Total Cadmium (Cd)	µg/l	ND	0.011	0.013	0.011	ND	0.010	0.010	0.010	5.0
Total Calcium (Ca)	µg/l	10000	10000	10000	10000	10000	10000	10000	9900	none given or required
Total Chromium (Cr)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	50.0
Total Cobalt (Co)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Copper (Cu)	µg/l	8.1	33	7.9	19	ND	1.2	4.6	0.70	2,000.0
Total Iron (Fe)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	5.0 ALARA <sup>1</sup>
Total Magnesium (Mg)	µg/l	790	800	750	750	770	770	780	790	none given or required
Total Manganese (Mn)	µg/l	2.5	ND	2.8	ND	ND	ND	ND	ND	120.0
Total Molybdenum (Mo)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Nickel (Ni)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Phosphorus (P)	µg/l	340	310	310	320	290	320	350	ND	none given or required
Total Potassium (K)	µg/l	400	430	410	410	400	410	430	410	none given or required
Total Selenium (Se)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	50.0
Total Silver (Ag)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Sodium (Na)	µg/l	16000	17000	16000	17000	17000	17000	17000	16000	none
Total Strontium (Sr)	µg/l	12	12	12	13	13	13	12	11	7,000.0
Total Thallium (Tl)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Tin (Sn)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Titanium (Ti)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Uranium (U)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	20.0
Total Vanadium (V)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none given or required
Total Zinc (Zn)	µg/l	250	190	180	150	190	210	230	20	none given or required

<sup>1</sup> As Low As Reasonably Achievable

**The test results of all parameters are BELOW the Canadian Drinking Water Guideline Maximum Acceptable Concentrations**

ND = Not detected

**µg/L = parts per billion**

NS = not sampled