

**Town of Yarmouth Treatment Facility and Distribution System Results**

BV Labs

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

BV Labs											
Sampling Date		2021-11-30	2021-11-30	2021-11-30	2021-11-30	2021-11-30	2021-11-30	2021-11-30	2021-11-30	2021-11-30	
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	28	19	18	17	24	21	20	36	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	2.5	2.4	2.8	2.5	2.6	3.0	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	0.010	0.011	0.011	0.011	ND	ND	ND	0.017	5.0	
Total Calcium (Ca)	µg/l	9600	9600	9500	9400	10000	9400	9500	9700	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	6.3	26	4.2	14	ND	1.4	2.9	0.84	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	910	910	870	840	930	870	870	890	none given or required	
Total Manganese (Mn)	µg/l	2.2	2.2	ND	ND	ND	ND	ND	2.3	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	360	330	370	350	360	340	340	ND	none given or required	
Total Potassium (K)	µg/l	390	380	400	380	400	400	380	400	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	18000	19000	18000	17000	18000	17000	17000	16000	none	
Total Strontium (Sr)	µg/l	12	12	12	12	13	12	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	310	270	240	240	270	240	230	36	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