

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

BV Labs

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

BV Labs										
Sampling Date		2022-02-04	2022-02-04	2022-02-04	2022-02-04	2022-02-04	2022-02-04	2022-02-04	2022-02-04	
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	30	34	38	34	35	34	41	32	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	3.0	2.8	3.0	3.0	3.1	3.6	3.3	3.5	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	0.010	0.010	ND	ND	ND	ND	0.016	5.0
Total Calcium (Ca)	µg/l	14000	13000	13000	13000	14000	14000	13000	16000	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	8.3	28	4.3	11	ND	1.3	4.4	0.60	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	860	850	850	820	840	880	870	920	none given or required
Total Manganese (Mn)	µg/l	2.3	ND	ND	ND	ND	ND	ND	5.9	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	370	360	370	360	390	360	370	ND	none given or required
Total Potassium (K)	µg/l	400	410	430	400	410	470	410	450	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	16000	16000	18000	16000	17000	none
Total Strontium (Sr)	µg/l	12	13	13	13	13	14	13	13	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	290	350	330	320	310	320	320	23	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