

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

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

BV Labs										
Sampling Date		2020-06-17	2020-06-17	2020-06-17	2020-06-17	2020-06-17	2020-06-17	2020-06-17	2020-06-17	
sampling location		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>Treatment Facility</b>	
	<b>UNITS</b>									
<b>Metals/Elements</b>	<b>Parts Per Billion (µg/L)</b>									<b>Maximum Acceptable Concentration (MAC) µg/l</b>
Total Aluminum (Al)	µg/l	15	11	12	8.6	12	12	13	16	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	3.3	3.2	3.5	3.5	3.4	3.2	3.5	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	0.058	0.014	0.011	0.012	0.010	0.012	0.015	0.012	5.0
Total Calcium (Ca)	µg/l	13000	13000	14000	14000	13000	13000	13000	12000	none given or required
Total Chromium (Cr)	µg/l	ND	ND	ND	ND	ND	1.1	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	ND	ND	8.7	ND	ND	ND	ND	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	750	750	740	730	750	730	750	740	none given or required
Total Manganese (Mn)	µg/l	3.2	2.2	ND	2.1	ND	ND	ND	4.4	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	290	270	290	270	310	300	290	ND	none given or required
Total Potassium (K)	µg/l	370	380	390	380	380	390	370	370	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	14000	15000	15000	14000	15000	14000	15000	14000	none
Total Strontium (Sr)	µg/l	12	12	14	13	13	13	13	12	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	240	190	190	160	220	200	210	27	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**