

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

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

BV Labs										
Sampling Date		2020-11-26	2020-11-26	2020-11-26	2020-11-26	2020-11-26	2020-11-26	2020-11-26	2020-11-26	
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	39	37	26	16	32	35	34	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	2.6	2.8	2.7	2.7	2.8	2.8	3.0	2.5	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	0.013	0.013	0.017	0.013	ND	0.010	ND	0.011	5.0
Total Calcium (Ca)	µg/l	9600	10000	10000	10000	11000	10000	10000	9600	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	11	36	12	16	0.65	1.4	5.7	0.97	2,000.0
Total Iron (Fe)	µg/l	ND	50	ND	ND	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	0.53	ND	ND	ND	ND	ND	5.0 ALARA <sup>1</sup>
Total Magnesium (Mg)	µg/l	830	850	850	810	800	800	810	820	none given or required
Total Manganese (Mn)	µg/l	ND	6.1	ND	ND	ND	ND	ND	2.0	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	330	340	320	330	340	340	350	ND	none given or required
Total Potassium (K)	µg/l	380	430	430	410	380	400	410	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	16000	18000	17000	16000	15000	15000	16000	16000	none
Total Strontium (Sr)	µg/l	11	11	12	12	12	12	12	10	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	370	300	270	250	290	270	41	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