

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2020-07-20	2020-07-20	2020-07-20	2020-07-20	2020-07-20	2020-07-20	2020-07-20	2020-07-20	
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	15	11	320	29	25	22	17	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	3.4	3.8	4.9	3.9	3.4	3.8	3.5	3.2	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	0.014	0.021	0.035	0.013	0.011	0.013	0.011	0.012	5.0
Total Calcium (Ca)	µg/l	12000	13000	13000	13000	13000	13000	12000	12000	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	ND	0.55	11	1.1	ND	ND	ND	1.0	2,000.0
Total Iron (Fe)	µg/l	ND	90	200	410	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	760	780	740	730	710	750	720	770	none given or required
Total Manganese (Mn)	µg/l	4.2	3.6	ND	14	6.3	3.9	2.8	3.9	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	350	310	470	360	310	340	330	ND	none given or required
Total Potassium (K)	µg/l	370	380	360	380	400	400	410	390	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	15000	16000	15000	15000	14000	15000	14000	14000	none
Total Strontium (Sr)	µg/l	13	13	13	14	13	14	14	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	260	230	350	150	190	230	220	47	none given or required

¹ 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