

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2020-08-19	2020-08-19	2020-08-19	2020-08-19	2020-08-19	2020-08-19	2020-08-19	2020-08-19	
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	17	16	NS	12	16	25	21	17	2,900.0
Total Antimony (Sb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	6.0
Total Arsenic (As)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	10.0
Total Barium (Ba)	µg/l	3.0	3.1	NS	3.3	3.0	3.0	2.9	2.8	1,000.0
Total Beryllium (Be)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	4.0
Total Bismuth (Bi)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Boron (B)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	5000.0
Total Cadmium (Cd)	µg/l	0.020	0.012	NS	0.015	0.011	0.011	0.012	0.011	5.0
Total Calcium (Ca)	µg/l	11000	11000	NS	11000	11000	11000	11000	10000	none given or required
Total Chromium (Cr)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	50.0
Total Cobalt (Co)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Copper (Cu)	µg/l	ND	ND	NS	ND	ND	ND	ND	1.1	2,000.0
Total Iron (Fe)	µg/l	ND	ND	NS	62	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	780	750	NS	710	720	750	740	800	none given or required
Total Manganese (Mn)	µg/l	3.5	2.1	NS	3.0	ND	7.8	ND	2.8	120.0
Total Molybdenum (Mo)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Nickel (Ni)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Phosphorus (P)	µg/l	400	370	NS	370	370	390	370	ND	none given or required
Total Potassium (K)	µg/l	390	380	NS	390	370	380	370	370	none given or required
Total Selenium (Se)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	50.0
Total Silver (Ag)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Sodium (Na)	µg/l	15000	17000	NS	15000	15000	15000	15000	15000	none
Total Strontium (Sr)	µg/l	12	12	NS	12	13	13	13	11	7,000.0
Total Thallium (Tl)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Tin (Sn)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Titanium (Ti)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Uranium (U)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	20.0
Total Vanadium (V)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	none given or required
Total Zinc (Zn)	µg/l	270	180	NS	140	200	200	190	60	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