

Town of Yarmouth Treatment Facility and Distribution System Results

BV Labs

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2021-09-09	2021-09-09	2021-09-09	2021-09-09	2021-09-09	2021-09-09	2021-09-09	2021-09-09	
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	14	13	15	13	21	16	18	15	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	3.3	3.4	3.0	3.4	3.5	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	ND	0.013	ND	0.011	0.020	ND	ND	ND	5.0
Total Calcium (Ca)	µg/l	12000	13000	13000	12000	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	ND	ND	ND	ND	ND	1.1	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 ¹
Total Magnesium (Mg)	µg/l	840	810	820	760	830	840	870	840	none given or required
Total Manganese (Mn)	µg/l	2.5	2.0	ND	3.1	2.7	ND	ND	ND	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	320	340	310	370	360	360	ND	none given or required
Total Potassium (K)	µg/l	400	450	420	390	430	440	440	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	16000	16000	16000	15000	17000	17000	17000	16000	none
Total Strontium (Sr)	µg/l	13	14	14	14	15	15	15	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	310	210	210	160	230	250	240	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

ug/L = parts per billion

NS = not sampled