

Town of Yarmouth Treatment Facility and Distribution System Results

BV Labs

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2021-04-21	2021-04-21	2021-04-21	2021-04-21	2021-04-21	2021-04-21	2021-04-21	2021-04-21	
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	18	13	23	12	14	11	15	19	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	2.9	3.0	3.0	3.0	3.0	2.9	3.2	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	ND	0.012	0.014	0.012	ND	0.010	0.011	0.011	5.0
Total Calcium (Ca)	µg/l	12000	13000	13000	13000	13000	13000	13000	13000	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	9.6	21	8.0	12	ND	1.1	4.6	0.75	2,000.0
Total Iron (Fe)	µg/l	ND	ND	ND	ND	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	1.5	ND	ND	ND	ND	ND	5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	810	830	820	830	810	820	870	850	none given or required
Total Manganese (Mn)	µg/l	ND	2.7	4.7	ND	ND	ND	ND	5.2	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	340	370	340	350	340	340	920	none given or required
Total Potassium (K)	µg/l	440	420	430	450	400	430	440	430	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	17000	16000	16000	15000	16000	16000	16000	none
Total Strontium (Sr)	µg/l	11	12	13	13	12	12	13	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	290	270	270	230	250	250	270	780	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