

Town of Yarmouth Treatment Facility and Distribution System Results

BV Labs

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2021-03-03	2021-03-03	2021-03-03	2021-03-03	2021-03-03	2021-03-03	2021-03-03	2021-03-03	
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	34	24	23	25	36	26	26	39	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	2.5	2.4	2.5	2.5	2.7	2.7	2.6	2.8	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	0.011	ND	0.010	ND	ND	0.011	0.012	5.0
Total Calcium (Ca)	µg/l	11000	11000	11000	11000	11000	11000	11000	11000	none given or required
Total Chromium (Cr)	µg/l	ND	1.0	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	5.7	16	3.4	14	ND	1.0	3.8	0.50	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	820	820	820	800	830	810	800	840	none given or required
Total Manganese (Mn)	µg/l	3.1	ND	ND	ND	ND	ND	2.3	5.8	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	340	330	320	320	360	350	330	ND	none given or required
Total Potassium (K)	µg/l	390	400	390	390	410	400	400	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	17000	16000	16000	16000	16000	16000	16000	none
Total Strontium (Sr)	µg/l	11	12	12	12	12	12	12	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	300	260	260	250	290	280	270	17	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