

Town of Yarmouth Treatment Facility and Distribution System Results

BV Labs

ELEMENTS BY ICP/MS (WATER)

BV Labs											
Sampling Date		2021-12-20	2021-12-20	2021-12-20	2021-12-20	2021-12-20	2021-12-20	2021-12-20	2021-12-20	2021-12-20	
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	29	37	21	19	29	n/s	27	32	2,900.0	
Total Antimony (Sb)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	6.0	
Total Arsenic (As)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	10.0	
Total Barium (Ba)	µg/l	3.1	3.0	2.9	2.9	2.7	n/s	3.0	2.7	1,000.0	
Total Beryllium (Be)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	4.0	
Total Bismuth (Bi)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Boron (B)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	5000.0	
Total Cadmium (Cd)	µg/l	ND	0.011	ND	ND	ND	n/s	ND	ND	5.0	
Total Calcium (Ca)	µg/l	11000	11000	12000	12000	10000	n/s	11000	11000	none given or required	
Total Chromium (Cr)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	50.0	
Total Cobalt (Co)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Copper (Cu)	µg/l	7.3	35	3.6	18	ND	n/s	6.2	0.70	2,000.0	
Total Iron (Fe)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none	
Total Lead (Pb)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	5.0 ALARA ¹	
Total Magnesium (Mg)	µg/l	870	840	870	870	830	n/s	820	830	none given or required	
Total Manganese (Mn)	µg/l	ND	2.7	ND	ND	ND	n/s	ND	3.3	120.0	
Total Molybdenum (Mo)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Nickel (Ni)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Phosphorus (P)	µg/l	370	350	360	350	350	n/s	350	ND	none given or required	
Total Potassium (K)	µg/l	380	390	400	400	380	n/s	380	400	none given or required	
Total Selenium (Se)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	50.0	
Total Silver (Ag)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Sodium (Na)	µg/l	15000	15000	15000	15000	16000	n/s	14000	15000	none	
Total Strontium (Sr)	µg/l	12	12	13	13	12	n/s	12	11	7,000.0	
Total Thallium (Tl)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Tin (Sn)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Titanium (Ti)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Uranium (U)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	20.0	
Total Vanadium (V)	µg/l	ND	ND	ND	ND	ND	n/s	ND	ND	none given or required	
Total Zinc (Zn)	µg/l	350	370	290	290	280	n/s	310	21	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