

Town of Yarmouth Treatment Facility and Distribution System Results

BV Labs

ELEMENTS BY ICP/MS (WATER)

BV Labs											
Sampling Date		2021-07-19	2021-07-19	2021-07-19	2021-07-19	2021-07-19	2021-07-19	2021-07-19	2021-07-19	2021-07-19	
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	21	10	16	9.8	14	22	16	16	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	3.5	3.2	3.6	3.7	3.2	3.2	3.3	3.3	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	0.013	0.013	0.011	0.012	0.012	0.011	0.010	ND	5.0	
Total Calcium (Ca)	µg/l	13000	12000	13000	13000	13000	12000	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	ND	ND	ND	ND	ND	ND	ND	1.1	2,000.0	
Total Iron (Fe)	µg/l	ND	ND	ND	72	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	800	770	770	810	800	740	790	none given or required	
Total Manganese (Mn)	µg/l	2.1	ND	ND	2.4	ND	ND	ND	4.5	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	370	340	350	330	350	350	340	ND	none given or required	
Total Potassium (K)	µg/l	450	400	430	430	410	410	420	420	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	15000	15000	15000	15000	15000	15000	none	
Total Strontium (Sr)	µg/l	14	13	14	15	13	14	14	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	290	220	200	180	240	220	210	77	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