

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs											
Sampling Date		2020-04-30	2020-04-30	2020-04-30	2020-04-30	2020-04-30	2020-04-30	2020-04-30	2020-04-30	2020-04-30	
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	17	11	NS	8.0	16	12	13	20		2,900.0
Total Antimony (Sb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		6.0
Total Arsenic (As)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		10.0
Total Barium (Ba)	µg/l	3.1	3.1	NS	2.9	2.9	2.8	2.9	2.8		1,000.0
Total Beryllium (Be)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		4.0
Total Bismuth (Bi)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Boron (B)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		5000.0
Total Cadmium (Cd)	µg/l	0.016	0.014	NS	0.016	0.014	0.015	0.016	0.014		5.0
Total Calcium (Ca)	µg/l	12000	13000	NS	13000	12000	12000	12000	12000		none given or required
Total Chromium (Cr)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		50.0
Total Cobalt (Co)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Copper (Cu)	µg/l	ND	ND	NS	ND	ND	ND	ND	0.87		2,000.0
Total Iron (Fe)	µg/l	ND	ND	NS	51	ND	ND	ND	ND		none
Total Lead (Pb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	730	750	NS	740	700	690	710	740		none given or required
Total Manganese (Mn)	µg/l	3.1	2.0	NS	3.1	ND	ND	ND	4.1		120.0
Total Molybdenum (Mo)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Nickel (Ni)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Phosphorus (P)	µg/l	300	290	NS	280	300	300	280	ND		none given or required
Total Potassium (K)	µg/l	350	360	NS	370	360	350	350	360		none given or required
Total Selenium (Se)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		50.0
Total Silver (Ag)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Sodium (Na)	µg/l	14000	15000	NS	14000	14000	14000	14000	14000		none
Total Strontium (Sr)	µg/l	12	13	NS	14	13	13	13	12		7,000.0
Total Thallium (Tl)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Tin (Sn)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Titanium (Ti)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Uranium (U)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		20.0
Total Vanadium (V)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND		none given or required
Total Zinc (Zn)	µg/l	250	220	NS	170	210	210	210	29		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