

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs											
Sampling Date		2020-03-29	2020-03-29	2020-03-29	2020-03-29	2020-03-29	2020-03-29	2020-03-29	2020-03-29	2020-03-29	
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	27	26	NS	25	28	27	28	28	28	2,900.0
Total Antimony (Sb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	6.0
Total Arsenic (As)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	10.0
Total Barium (Ba)	µg/l	3.0	2.7	NS	2.9	2.8	2.9	2.8	2.7	2.7	1,000.0
Total Beryllium (Be)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	4.0
Total Bismuth (Bi)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Boron (B)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	5000.0
Total Cadmium (Cd)	µg/l	0.016	0.012	NS	0.014	0.012	0.012	0.016	0.016	0.016	5.0
Total Calcium (Ca)	µg/l	12000	12000	NS	12000	12000	11000	11000	11000	11000	none given or required
Total Chromium (Cr)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	50.0
Total Cobalt (Co)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Copper (Cu)	µg/l	ND	ND	NS	6.7	ND	ND	ND	ND	1.8	2,000.0
Total Iron (Fe)	µg/l	ND	ND	NS	66	ND	ND	ND	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	700	700	NS	700	680	680	680	690	690	none given or required
Total Manganese (Mn)	µg/l	3.8	2.3	NS	3.9	ND	ND	ND	ND	4.9	120.0
Total Molybdenum (Mo)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Nickel (Ni)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Phosphorus (P)	µg/l	300	300	NS	300	300	300	300	ND	ND	none given or required
Total Potassium (K)	µg/l	320	340	NS	340	340	330	330	320	320	none given or required
Total Selenium (Se)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	50.0
Total Silver (Ag)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Sodium (Na)	µg/l	14000	14000	NS	14000	14000	14000	14000	14000	14000	none
Total Strontium (Sr)	µg/l	12	12	NS	13	12	12	12	12	11	7,000.0
Total Thallium (Tl)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Tin (Sn)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Titanium (Ti)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Uranium (U)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	20.0
Total Vanadium (V)	µg/l	ND	ND	NS	ND	ND	ND	ND	ND	ND	none given or required
Total Zinc (Zn)	µg/l	240	230	NS	210	210	210	210	210	14	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