

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2020-02-13	2020-02-13	2020-02-13	2020-02-13	2020-02-13	2020-02-13	2020-02-13	2020-02-13	
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	31	65	36	36	35	NS	35	34	2,900.0
Total Antimony (Sb)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	6.0
Total Arsenic (As)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	10.0
Total Barium (Ba)	µg/l	2.9	2.9	3.0	2.9	2.7	NS	3.0	3.0	1,000.0
Total Beryllium (Be)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	4.0
Total Bismuth (Bi)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Boron (B)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	5000.0
Total Cadmium (Cd)	µg/l	0.012	0.013	0.014	0.011	ND	NS	0.011	0.012	5.0
Total Calcium (Ca)	µg/l	12000	12000	12000	12000	12000	NS	12000	12000	none given or required
Total Chromium (Cr)	µg/l	8.1	ND	ND	ND	ND	NS	ND	ND	50.0
Total Cobalt (Co)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Copper (Cu)	µg/l	8.1	19	3.8	12	ND	NS	3.2	ND	2,000.0
Total Iron (Fe)	µg/l	54	ND	ND	ND	ND	NS	ND	ND	none
Total Lead (Pb)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	5.0 ALARA ¹
Total Magnesium (Mg)	µg/l	780	810	790	810	760	NS	810	800	none given or required
Total Manganese (Mn)	µg/l	3.4	2.2	ND	ND	ND	NS	2.7	6.4	120.0
Total Molybdenum (Mo)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Nickel (Ni)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Phosphorus (P)	µg/l	280	280	300	300	290	NS	290	ND	none given or required
Total Potassium (K)	µg/l	380	380	380	370	370	NS	390	380	none given or required
Total Selenium (Se)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	50.0
Total Silver (Ag)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Sodium (Na)	µg/l	15000	16000	16000	16000	15000	NS	16000	16000	none
Total Strontium (Sr)	µg/l	12	13	13	14	12	NS	14	12	7,000.0
Total Thallium (Tl)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Tin (Sn)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Titanium (Ti)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Uranium (U)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	20.0
Total Vanadium (V)	µg/l	ND	ND	ND	ND	ND	NS	ND	ND	none given or required
Total Zinc (Zn)	µg/l	240	260	240	240	230	NS	230	16	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

ug/L = parts per billion

NS = not sampled