

Town of Yarmouth Facility and Distribution Results

BV Labs

Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2020-12-02	2020-12-02	2020-12-02	2020-12-02	2020-12-02	2020-12-02	2020-12-02	2020-12-02	2020-12-09 00:00
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	28	14	11	7.9	18	13	18	24	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	2.5	2.6	2.5	2.5	2.7	2.7	2.6	2.7	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	0.011	0.013	0.012	ND	0.011	0.011	0.010	0.015	5.0
Total Calcium (Ca)	µg/l	11000	12000	12000	11000	11000	12000	11000	11000	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	7.4	19	5.6	16	ND	2.2	4.0	0.76	2,000.0
Total Iron (Fe)	µg/l	ND	ND	ND	ND	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	830	810	820	780	860	840	800	850	none given or required
Total Manganese (Mn)	µg/l	ND	ND	ND	ND	ND	ND	ND	2.0	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	360	350	320	350	370	360	ND	none given or required
Total Potassium (K)	µg/l	390	400	390	370	380	390	380	430	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	15000	17000	16000	16000	16000	17000	16000	15000	none
Total Strontium (Sr)	µg/l	11	12	12	12	13	13	13	10	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	330	250	230	220	260	230	250	31	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