Town of Yarmouth Facility and Distribution Results

BV Labs
Report Date: 2020/06/17

ELEMENTS BY ICP/MS (WATER)

BV Labs										
Sampling Date		2021-01-20	2021-01-20	2021-01-20	2021-01-20	2021-01-20	2021-01-20	2021-01-20	2021-01-20	
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	48	40	33	29	35	27	37	44	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	2.6	2.1	2.4	2.4	2.5	2.5	2.6	2.6	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	0.016	0.019	0.012	0.013	0.011	0.015	0.011	5.0
Total Calcium (Ca)	µg/l	10000	11000	11000	11000	11000	11000	10000	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	5.2	22	3.7	11	ND	1.4	4.1	0.59	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	830	810	830	840	800	820	830	none given or required
Total Manganese (Mn)	µg/l	2.5	ND	ND	ND	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	380	380	380	370	380	370	350	ND	none given or required
Total Potassium (K)	µg/l	380	390	380	380	380	370	380	400	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	17000	17000	17000	17000	17000	16000	17000	17000	none
Total Strontium (Sr)	µg/l	11	12	12	12	12	12	12	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	250	230	220	260	230	250	20	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