

Substance	Units	Ideal Goals (EPA's MCLG)	Highest Level Allowed (EPA's MCL)	Violation	Date of Sample	Town of Bedford System Data (Range) Average
Regulated Substances						
Barium	ppm	2	2	no	July 2020	0.01
Fluoride	ppm	4	4	no	Aug. - Dec. 2020	(0.61 - 0.76) 0.69
Total Nitrate & Nitrite (N)	ppm	10	10	no	July 2020	<0.05
Turbidity	NTU	TT	0.3	no	Daily	0.17 100% < 0.3
Radioactive Substances						
Gross Alpha	pCi/L	0	15	no	May 2020	0.33
Combined Radium	pCi/L	0	5	no	May 2020	0.2
Lead and Copper Testing						
Lead	ppb	0	AL = 15	no	June - Sep. 2020	0 sample exceeded AL 90th percentile = 5.1 ppb
Copper	ppm	1.3	AL = 1.3	no	June - Sep. 2020	1 sample exceeded AL 90th percentile = 0.162 ppm
Disinfection Byproducts						
HAA5s	ppb	0	60	no	Quarterly	(18 - 61) 40
TTHMs	ppb	0	80	no	Quarterly	(17 - 56) 43
Chlorine	ppm	N/A	4	no	Monthly	(0.7 - 1.5 mg/l) 1.5 - highest
Organic Carbon (Total)	ppm	TT	TT	no	Monthly	(0.64 - 2.86) 1.05
Unregulated and Secondary Substances						
Sodium	ppm	N/A	N/A	no	July 2020	13.2