

New Buffalo Townships Water Quality Analysis

The table below list all the EPA regulated contaminants detected in the Townships drinking water during 2016. **All contaminants detected were below allowable limits.**

Distribution system							
Substance	MRDL	MRDLG	Annual Running Average	Highest	Range of Detection	Violation Yes/No	Sources of Substance
Free Chlorine Residual	4.0	4.0	0.73	0.79	0-.79	no	Water additive used for disinfection
Total Chlorine Residual	4.0	4.0	0.93	0.93	0-.93	no	Water additive used for disinfection

Additional Distribution						
Substance	MRDL	Annual Running Average	Highest single sample	Range of Detection	Violation Yes/No	Sources of Substance
Total Trihalomethanes	80	49.85	54.4	45.3-54.4	no	By-Product of Disinfection
Total Haloacetic Acids	60	8.65	13.6	3.7-13.6	no	By-Product of Disinfection

Regulated at Customers Tap					
Substance	Action Level	90th Percentile Detected	Range of Detection	Number of Samples Above AL	Sources of Substance
Copper*	1300 ppb	230ppb	.014-0.45	0	Corrosion of household plumbing
Lead*	15 ppb	1.6	0	0	Corrosion of household plumbing

*Lead & Copper- some monitoring is done less than once a year. Lead & Copper results were from 2016, our next sampling cycle will be 2019.