TABLE OF DETECTED CONTAMINANTS

Contaminant	Unit of Measurement	Date of Sample	Level Detected low/high range Average mg/L	Regulatory Limit (MCL, TT or AL)	MCLG	Violation Yes/no	Likely Source of Contamination
Fluoride	Mg/l	Daily Average	0.28 mg/L-1.35 mg/L 0.90 mg/L	2.2	NA	No	Added to water to prevent tooth decay
Distribution System Turbidity	NTU	Daily Average	0.09-0.41 0.23	5.0	NA	No	
Turbidity-Entry point	NTU	9-3-18	0.055	TT=<1.0 NTU	NA	No	Soil runoff
(highest recorded event)							
Sodium	Mg/l	12-6-18	22.3	See "What Does information mean"	no	No	Naturally occurring; Road salt; water softeners; Animal waste
Chloride	Mg/l	12-6-18	35.8	250	No	No	Naturally occurring or indicative of road salt contamination
Sulfate	Mg/l	12-6-18	13.0	250	No	No	Naturally occurring
TOC	Mg/l	Monthly	1.8-3.9 2.77	NA	NA	NA	Naturally present in environment
Turbidity – Entry point	NTU		100% of <0.3 NTU	TT=95% of samples	NA	No	Soil runoff
*Lead & Copper	90th percentile						
*Copper	Mg/l	9-7-16	0.033	1.3	NA	No	Home plumbing corrosion, natural erosion
Chlorine Residual-Entry Point	Mg/l	Continuous	0.90 mg/L-2.55 mg/L Avg 1.65 mg/L	4	NA	No	Water additive used to control microbes
Total Trihalomethanes (TTHM)	Ug/l	Quarterly	51.0 ug/L-78.0 ug/L Highest avg. 72.3 ug/L	80 ug/l	NA	No	By-product of water chlorination
Haloacetic Acids (HAA5)	Ug/l	Quarterly	28.3 ug/L –45.7 ug/L Highest avg. 41.4 ug/L	60 ug/l	NA	No	By-product of water chlorination
Nitrate	Mg/l	12-6-18	0.673	10	10	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Barium	Mg/L	12-6-18	0.0208	2	2	No	Erosion of natural deposits

* The level presented represents the 90th percentile of the 20 sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system.

The range of values for lead are: ND and for copper is 0063-0.12Mg/L. No samples were above the action levels.

*Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. Our highest single turbidity measurement for the year occurred on 9-3-18 (0.055 NTU). State regulations require that turbidity must always be less than or equal to 1.0 NTU. The regulations require that 95% of the turbidity samples collected have measurements below 0.3 NTU. One hundred percent of samples taken in 2018 were below <0.3 NTU.

TABLE OF DETECTED CONTAMINANTS

Contaminant	Unit of Measurement	Date of Sample	Level Detected low/high range Average	Regulatory Limit (MCL, TT or AL)	MCLG	Violation Yes/no	Likely Source of Contamination
Town of Perry							
Trihalomethanes	Ug/L	Quarterly	57.0 ug/L -86.0 ug/L Highest Avg 76.5 ug/L	80 ug/L	NA	No	By-product of water chlorination
Halocetic Acid	Ug/L	Quarterly	31.4 – 54.0 ug/L Highest Avg. 44.3 ug/L	60 ug/L	NA	No	By-product of water chlorination
Chlorine Residual	Mg/L	Continuous	0.29 mg/L-2.00 mg/L Avg. 1.03 mg/L	4	NA	No	Water additive used to control microbes

The Town of Perry exceeded the MCL for THM on 1 test samples. The system is not currently in violation.