TABLE OF DETECTED CONTAMINANTS – VILLAGE OF PERRY 2020

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	0.51 mg/L - 1.2 mg/L 0.78 mg/L	2.2	N/A	No	Added to water to prevent tooth decay
Distribution System Turbidity	NTU	Daily Average	0.09 - 0.49 0.20	5.0	N/A	No	
Turbidity-Entry point	NTU	9/15/2020	0.09	TT = < 1.0 NTU	N/A	No	Soil runoff
(highest recorded event)							
Sodium	Mg/l	12/8/2020	27.6	See "What Does information mean"	No	No	Naturally occurring; Road salt; water softeners; Animal waste
Chloride	Mg/l	12/8/2020	44.4	250	No	No	Naturally occurring or indicative of road salt contamination
Sulfate	Mg/l	12/8/2020	14.6	250	No	No	Naturally occurring
TOC	Mg/l	Monthly	2.5 - 3.5 3.1	NA	N/A	NA	Naturally present in environment
Turbidity – Entry point	NTU		100% of < 0.3 NTU	TT = 95% of samples	N/A	No	Soil runoff
*Lead & Copper	90th percentile						
*Copper	Mg/l	8/27/2019	0.031	1.3	N/A	No	Home plumbing corrosion, natural erosion
Chlorine Residual-Entry Point	Mg/l	Continuous	0.89 mg/L – 3.20 mg/L Avg 1.60 mg/L	4	N/A	No	Water additive used to control microbes
Total Trihalomethanes (TTHM)	Ug/l	Quarterly	47.6 ug/L – 82.3 ug/L Highest avg. 70.6 ug/L	80 ug/l	N/A	No	By-product of water chlorination
Haloacetic Acids (HAA5)	Ug/l	Quarterly	31.5 ug/L – 37.8 ug/L Highest avg. 35.8 ug/L	60 ug/l	N/A	No	By-product of water chlorination
Nitrate	Mg/l	12/17/2020	0.132	10	10	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Barium	Mg/L	12/8/2020	0.020	2	2	No	Erosion of natural deposits

* The level presented represents the 90th percentile of the 22 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 0.0029 - 0.125 Mg/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 9/15/2020 (0.09 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 2020 were below < 0.3 NTU.

TABLE OF DETECTED CONTAMINANTS – TOWN OF PERRY 2020

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
Trihalomethanes	Ug/L	Quarterly	54.7 ug/L – 86.7 ug/L Highest Avg 70.1 ug/L	80 ug/L	N/A	No	By-product of water chlorination
Haloacetic Acid	Ug/L	Quarterly	37.1 – 39.5 ug/L Highest Avg. 38.3 ug/L	60 ug/L	N/A	No	By-product of water chlorination
Chlorine Residual	Mg/L	Continuous	0.30 mg/L – 1.97 mg/L Avg. 1.09 mg/L	4	N/A	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.