

TABLE OF DETECTED CONTAMINANTS – VILLAGE OF PERRY 2024

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	0.49 mg/L – 1.22 mg/L 0.77 mg/L	2.2	N/A	No	Added to water to prevent tooth decay
Distribution System Turbidity	NTU	Daily Average	0.11 - 0.52 0.218	5.0	N/A	No	
Turbidity-Entry point (highest recorded event)	NTU	12/20/2024	0.20	TT = < 1.0 NTU	N/A	No	Soil runoff
Sodium	Mg/l	12/12/2024	26.6	See “What Does information mean”	No	No	Naturally occurring; Road salt; water softeners; Animal waste
Chloride	Mg/l	12/8/2023	40.2	250	No	No	Naturally occurring or indicative of road salt contamination
Sulfate	Mg/l	12/8/2023	13.7	250	No	No	Naturally occurring
TOC	Mg/l	Monthly Average	1.9- 4.8 3.25	NA	N/A	N/A	Naturally present in environment
RA 226 & 228	pci/L	12/11/2019	2.37 pci/L	5 pci/L	N/A	No	Erosion and natural deposits
Turbidity – Entry point	NTU		100% of < 0.3 NTU	TT = 95% of samples	N/A	No	Soil runoff
*Lead & Copper	90 th percentile						
*Copper	Mg/l	09/21/2022	0.0645	1.3	N/A	No	Corrosion of household plumbing systems and service lines connecting building to water mains, erosion of natural deposits
Chlorine Residual-Entry Point	Mg/l	Continuous	0.76 mg/L – 2.30 mg/L Avg 1.64 mg/L	4	N/A	No	Water additive used to control microbes
Total Trihalomethanes (TTHM)	Ug/l	Quarterly	27.0 ug/L – 61.0 ug/L Highest avg. 54.0 ug/L	80 ug/l	N/A	No	By-product of water chlorination
Haloacetic Acids (HAA5)	Ug/l	Quarterly	16.9.0 ug/L – 35.5 ug/L Highest avg. 30.2 ug/L	60 ug/l	N/A	No	By-product of water chlorination
Nitrate	Mg/l	12/13/2024	0.319	10	10	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Barium	Mg/L	12/12/2024	0.0227	2	2	No	Erosion of natural deposits
Nickel	Mg/L	12/12/2024	0.0015	N/A	N/A	No	Occurs naturally in the environment at low levels
Arsenic	Ug/L	12/12/2024	0.55	10 Ug/L	N/A	No	Erosion of natural deposits; Runoff from orchards
Dalpon	Ug/L	7/11/2024	1.7	50 Ug/L	N/A	No	Runoff from herbicide used on rights of way
Perfluorooctanoic acid (PFOA)	Ng/L	5/7/2024	1.2	10 Ng/L	N/A	No	Released into the environment from widespread use in commercial and industrial applications

UNREGULATED PERFLUOROALYKL SUBSTANCES

Contaminant	Violation (Yes/No)	Date of Sample	Level Detected	Unit of Measurement	MCLG or Health Advisory Level ^{1,2}
PerfluorobutanoicAcid(PFBA)	No	7/11/2024	3.71	Ng/L	N/A

*The level presented is the 90th percentile of the 22 sites tested. A percentile is a value on a scale of 100 that indicates the percent measurements that is equal to or below it. This means in our system copper levels in 19 sites are below the 90th percentile value and 3 sites are above the 90th percentile. The action level for copper was not exceeded at any of the sites tested.
The range of values for lead are: ND and for copper is 0.0026 - 0.0952 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 12/20/2024 (0.20 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 2024 were below < 0.3 NTU.

TABLE OF DETECTED CONTAMINANTS – TOWN OF PERRY 2024

Contaminant	Unit of Measurement	Date of Sample	Level Detected low/high range Average	Regulatory Limit (MCL, TT or AL)	MCLG	Violation Yes/no	
Trihalomethanes	Ug/L	Quarterly	32.0 ug/L – 68.0 ug/L Highest Avg 52.5 ug/L	80 ug/L	N/A	No	
Haloacetic Acid	Ug/L	Quarterly	23.0 – 31.3 ug/L Highest Avg. 30.6 ug/L	60 ug/L	N/A	No	
Chlorine Residual	Mg/L	Continuous	0.26 mg/L – 2.0 mg/L Avg. 0.92 mg/L	4	N/A	No	

The system is not currently in violation.