

# Village of Ney-Public Water System

## 2020 Annual Water Quality Report

The EPA requires regular sampling to ensure drinking water safety. The Village of Ney conducted sampling for bacteria; inorganic; radiological; synthetic organic; volatile organic; disinfection byproducts and lead & copper during 2020. Samples were collected for a total of 56 different contaminants most of which were not detected in the Village of Ney water supply. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, are more than one year old.

How to read the Water Quality Data Table: EPA establishes the safe drinking water regulations that limit the amount of contaminants allowed in drinking water. The table shows the concentrations of detected substances in comparison to regulatory limits. Substances that were tested for, but not detected, are not included in this table.

Listed below is information on those contaminants that were found in the **Village of Ney's** drinking water.

### TABLE OF DETECTED CONTAMINANTS

Contaminants (Units)	MCLG	MCL	Level Found	Range of Detections	Violation	Sample Year	Typical Source of Contaminants
<b>Bacteriological</b>							
Total Coliform	NA	TT	0	0 Positive	N	2020	Naturally present in the environment
<b>Radioactive Contaminants</b>							
Gross Alpha pCi/L	0	15	4.79	No range	N	2020	Erosion of natural deposits.
Combined Radium 226/228 pCi/L	0	5	1.11	No range	N	2020	Erosion of natural deposits.
<b>Inorganic Contaminants</b>							
Barium ppm	2	2	0.34	No range	N	2020	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride ppm	4	4	1.07	No range	N	2020	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
<b>Volatile Organic</b>							
Ethylbenzene ppb	700	700	600	No range	N	2020	Discharge from petroleum refineries
<b>Residual Disinfectant / Disinfection Byproducts</b>							
Total Chlorine ppm	4	4	1.2	0.4 – 1.4	N	2020	Water additive used to control microbes.
TTHM			23.0	22.6 – 23.0	N	2020	Disinfection byproduct
<b>Lead and Copper</b>							
Contaminants (units)	Action Level (AL)	Individual Results over the AL	90% of test levels were less than	Violation	Year Sampled	Typical source of Contaminants	
Lead (ppb)	15 ppb	0	2.4	N	2020	Corrosion of household plumbing systems.	
	0 out of 10 samples were found to have lead levels in excess of the lead action level of 15 ppb.						
Copper (ppm)	1.3 ppm	0	0.086	N	2020	Corrosion of household plumbing systems.	
	0 out of 10 samples were found to have copper levels in excess of the copper action level of 1.3 ppm.						