



Mike DeWine, Governor  
Jon Husted, Lt. Governor  
Laurie A. Stevenson, Director

December 30, 2019

RE: Cortland Wellfield  
Report  
Ambient Ground Water Quality Monitoring  
Trumbull County  
PWS ID: OH7800512

Mr. Donald Wittman  
400 North High Street  
Cortland, OH 44410

**Subject: Well # 5**

Dear Mr. Wittman:

Ohio EPA's Division of Environmental Services (DES) has completed the laboratory analysis of the ground water samples that were collected on October 22, 2019, at Cortland Wellfield, Well #5. Samples are collected at your well as part of Ohio EPA's Ambient Ground Water Quality Monitoring Program (AGWQMP).

The purpose of the AGWQMP is to collect raw water data to characterize general ground water quality statewide and evaluate the quality of the source water used by ground water-based public water systems. While the results represent raw water, non-compliance results cannot be used to fulfill any drinking water regulatory requirements. However, they may guide you in identifying potential public health or water usability concerns. Additionally, when combined with results from previous AGWQMP sampling, the data can be used to identify water quality trends in your source water.

The results from the recent sample are summarized in the attached report or reports. If there were exceedances of finished water benchmarks, including maximum contaminant levels (MCLs), secondary maximum contaminant levels (SMCLs), action levels (ALs), and one- and ten-day, and lifetime health advisory levels (HALs), these are indicated by the color-coded explanation. These standards do not strictly apply to raw water. Nevertheless, these are useful benchmarks for identifying potential health and treatment issues for drinking water. For reference, a table of the current MCLs, SMCLs, ALs, and HALs for the AGWQMP is provided.

If the attached report(s) includes values greater than benchmarks, you may consider comparing them to previous results using the time series plots for this well. Instructions for viewing time series plots for your well are attached. (Please note that these plots may not include your current result, as updating the plots is typically delayed until results for all monitoring stations are processed.) If a current result shows a spike or erratic result when compared to previous results, it is likely to be anomalous. Spikes for cadmium, chromium, copper, lead, nickel, and zinc can often be attributed to small amounts of scale in the sample that is dissolved by acid preservative. To be sure the result is anomalous, you will want to confirm that future results are not similar to the elevated result.

If values greater than the benchmark are consistent with past results or represent an increasing trend, additional evaluation may be warranted. You may want to determine if your treatment is reducing your

finished water concentrations to levels below the benchmarks. If you are concerned about the current levels in your source water, please call your drinking water inspector or AGWQMP sampler to discuss options for further evaluation. Information on health effects and treatment can be found at:

ATSDR Toxic Substances Portal: <http://www.atsdr.cdc.gov/substances/index.asp>

EPA Drinking Water Treatability Data Base: <https://iaspub.epa.gov/tdb/pages/general/home.do>

We thank you for your interest and participation in the AGWQMP and hope the results provided are useful. If you have any questions, please do not hesitate to contact me. Additional information about Ohio EPA's Ambient Ground Water Quality Monitoring Program, including water quality summary reports and an interactive map, are available at our webpage: <https://oepa.maps.arcgis.com/apps/webappviewer/index.html?id=b39b9cbeb3834e9ca598d968d16333ce>

Thank you for your participation.

Sincerely,



Tim Eyerdom  
Geologist-Environmental Specialist 2  
Division of Drinking and Ground Waters  
330-963-1195  
Tim.Eyerdom@epa.ohio.gov

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Enclosures: Ground Water Quality Results  
MCL, SMCL, AL and HAL Values Table

ec: Kathy Metropulos, Supervisor, Ohio EPA, NEDO, DDAGW  
Chris Maslo, Environmental Specialist, Ohio EPA, NEDO, DDAGW