



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

February 7, 2022

**RE: Ashville Village PWS
Inspection
Letter of Compliance
Drinking Water Program
Pickaway County
PWS ID OH6500012**

**ASHVILLE VILLAGE PWS
JAMES WELSH, UTILITY OPERATOR
200 EAST STATION STREET
ASHVILLE, OH 43103**

Dear Mr. Welsh:

On January 11, 2022, we conducted a sanitary survey of the Ashville Village public water system (PWS). Mr. Welsh was interviewed and the water system was inspected in his presence. The purpose of this evaluation was to determine the ability of the facility to provide adequate, safe and potable water that meets the requirements of the Ohio Administrative Code (OAC). The eight major elements that are generally reviewed during a sanitary survey include: source, treatment, distribution system, finished water storage, pumps/pump facilities and controls, monitoring/ reporting/data verification, water system management/operation and operator compliance with State requirements. General supervision of the operation and maintenance of public water systems is a function of this Agency as set forth in Chapter 6109 of the Ohio Revised Code (ORC).

I found no violations of Ohio safe drinking water laws or rules during this inspection.

ADDITIONAL INFORMATION/ REQUIREMENTS/COMMENTS

The Monthly Operating Reports (MORs) submitted by the PWS for 2020 and 2021 indicate that:

- 1) 93 percent of the sampling results for hardness exceeded the hardness goal of 200 mg/L;
- 2) Iron levels in treated water fluctuated significantly (i.e., the iron level in the sample collected on 8/18/2021 was 0.27 mg/l while the iron level in the sample collected on 8/19/2021 was 0.09 mg/l).
- 3) There were eight weekly finished water iron results exceeding the Secondary Maximum Contamination Level (0.3 mg/l), and several more results within the two-year period being very close to the Secondary Maximum Contamination Level.

These findings indicate that the resins in the softeners and the media in the iron filters are very likely not in good condition anymore. In order to determine the condition of the softener resin and filter media, please core the filter media (both anthracite and silica sand layers) from each filter bed and

have a sieve analysis performed on each sample. Have a sample of resin from each softener assessed for its condition.

Within 60-days of this letter (April 8, 2022), please submit results of filter bed media analysis to our office for the four filters. The media should be cored and evaluated by a certified laboratory to determine thickness and remaining media life. Additionally, the softeners resin needs evaluated by a laboratory to determine remaining life expectancy. Failure to conduct these tests and submit the test results to Ohio EPA will result in a violation.

Please note iron and manganese distribution samples are required to be collected and reported weekly. Please ensure that they are collected approximately a week apart from the previous sample.

The population of your service area was updated to 4,298. In accordance with OAC 3745-81-51, this population requires a total of five routine total coliform samples be collected within the distribution system every month. Your current monitoring schedule is four samples per month. Beginning in March 2022, you are required to increase your monthly bacteriological sampling by one additional sample for a total of five routine samples. Please ensure the increased routine monitoring is reflected in your bacteriological sample siting plan. Should you need to add additional sample sites to your plan, please forward a copy of the updated plan to my office. A new monitoring schedule reflecting this increase in your monthly total coliform requirements is forthcoming from our central office.

RECOMMENDATIONS

The recommendations set out below are not Orders. The recommendations are offered by Ohio EPA to provide compliance assistance to your facility.

1. When reporting daily plant production quantities please take the reading at a consistent time each day. Taking the reading at the same time every day will provide a more accurate measure than if the reading is taken at different times.
2. I observed cracked and chipping concrete on the brine storage tank and the exterior clearwell. Damaged concrete should be patched to prevent rainwater and other outside sources of contaminants from entering the tanks.
3. The PWS plant production is averaging 495,000 gallons per day which is approximately 76% of the permitted capacity of 650,000 gallons. We recommend connecting with another source of water or increasing the current plant's production to ensure the village has adequate water quantities to serve your growing service area.

Please note that any modifications to your well, treatment system or distribution system may require prior plan approval. Please contact me if you plan on making any changes.

Additional information concerning existing and upcoming drinking water regulations and requirements can be obtained from our Website at www.epa.ohio.gov/ddagw.

ASHVILLE VILLAGE PWS

February 7, 2022

Page 3

If you have any questions regarding this letter, or any other matter involving your water system, please feel free to contact me by email allan.hurt@epa.ohio.gov or by phone at (614) 728-3863.

Sincerely,

Allan Hurtt

Allan Hurtt

Environmental Specialist

Division of Drinking and Ground Waters

ec: Pickaway County Health Dept.
Franklin Christman, Village of Ashville
Julia Zhang, PE, DDAGW/CDO