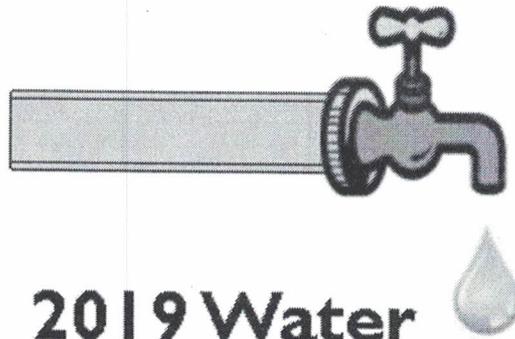


Wetzler/Haynes Water Filtration Plant Byesville, Ohio



2019 Water Quality Report

Commitment to Quality

The Byesville Water Department has prepared the 2019 Water Quality Report. This report is designed to provide information on the quality of our drinking water.

This report contains general health information, water quality test results, how to participate in decisions concerning your drinking water, and water system contacts.

Village of Byesville Water Department
59870 Vocational Road
Byesville, Ohio 43723
Phone: 740-685-0800

www.byesvilleoh.gov

**The Village of Byesville Water
Drinking Water Consumer Confidence Report
For Calendar Year 2019**

Section 1: Introduction

The Village of Byesville Water has prepared the following report to provide information on the quality of our drinking water. Included within this report is general health information, water quality test results, how to the public may participate in decisions concerning drinking water, and water system contacts.

Section 2: Source Water Information

The Village of Byesville Water receives its drinking water from underground mine aquifers.

The Village of Byesville Water also has an emergency connection with the City of Cambridge. This connection was not utilized in 2019. This report does not contain information on the water quality received from the City of Cambridge, but a copy of their consumer confidence report can be obtained by contacting the City of Cambridge Water at 740-439-2130.

The state performed an assessment of our source water in 2003. It was determined that the aquifer supplying drinking water to Byesville, OH has a high susceptibility to contamination. This conclusion is based on the presence of a thin protective layer of clay overlying the aquifer, no evidence to suggest that ground water has been impacted by any significant levels of chemical contaminants from human activities, and the presence of significant potential contaminant sources in the protection area. Please contact the Water Superintendent at 740-685-0800 if you would like more information about the assessment.

Section 3: What are sources of potential contamination to drinking water?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial

processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Federal Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Section 4: Who needs to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Section 5: About your drinking water.

The EPA requires regular sampling to ensure drinking water safety. The Village of Byesville Water conducted sampling for bacteria; inorganic; synthetic organic; volatile organic during 2019. Samples were collected for a total of 37 different contaminants most of which were not detected in the Village of Byesville 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, is more than one year old.

Section 6: Monitoring & Reporting Violations & Enforcement Actions

On January 18, 2019, the Village of Byesville received a violation for items associated with Surface Water Treatment Rules (SWTR). A copy of this notice of violation is included in this report.

On September 30, 2019, the Village of Byesville received a notice of violation for failure to satisfy Director Final Findings and Orders as issued on December 4, 2015. A copy of this notice and the Village's response is included in this report. An extension of the order has since been issued by the OEPA and the Village has met the requirements as such.

On December 18, 2019, the Village of Byesville received a notice of violation for failure to report a public notice for a Coliform monitoring violation. The public notice was in fact issued as part of the 2018 CCR and a verification of such notice has been subsequently forwarded to the OEPA. A copy of this notice of violation and its subsequent verification is included in this report.

Section 7: Table of Detected Contaminants

Listed below is information on those contaminants that were found in the Village of Byesville drinking water.

Disinfectant and Disinfection By-Products (Units)	MCLG	MCL	Highest Level found	Range of detections	Violation	Year Sampled	Typical Source of contaminants
Chlorine (ppm)	MRDLG=4	MRDL=4	2.2	.34-2.2	Yes	2019	Water additive used to control microbes.
Total trihalomethanes (ppb)	0	80	95	20.3-95.0	Yes	2019	By-product of drinking water chlorination.
Haloacetic Acid (ppb)	0	60	36.8	5.8-36.8	No	2019	
Inorganic Contaminants							
Fluoride (ppm)	4	4	1.21	.82-1.21	No	2019	Water additive which promotes strong teeth; erosion of natural deposits. Discharge from fertilizer and aluminum factories.
Barium (ppm)	2	2	<25ug/l	<25 ug/l	No	2019	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Lead (ppb)	0	AL=15	2.84	<5 - 2.84	No	2019	Corrosion of household plumbing systems; erosion of natural deposits;
Copper (ppm)	1.3	AL=1.3	1.29	<50 - 1.29	No	2019	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
One out of 20 samples were found to have copper levels in excess of the copper action level of 1.3 ppm							
Nitrates (ppm)	0	10	<.5	<.10 - <.50	No	2019	Runoff from fertilizer, erosion, natural deposits
Microbiological Contaminants							
Turbidity (NTU)	0.3	1	1.19	.030 - 1.19	No	2019	Soil runoff
Turbidity(% meeting standard)	100%	95%	99%	99% - 100%	No	2019	Soil runoff
	Site	Quarter	LRAA	Site	Quarter	LRAA	
TTHM (ppb)	DS201	19-Q4	56.04	DS202	19-Q4	46.3	
HAA5	DS201	19-Q4	22.62	DS202	19-Q4	17.58	

Section 8: Turbidity

Turbidity is a measure of the cloudiness of water and is an indication of the effectiveness of our filtration system. The turbidity limit set by the EPA is 0.3 in 95% of the daily samples and shall not exceed 5 NTU at any time. As reported in this report, the Village of Byesville's highest recorded turbidity result for 2019 was 1.19 NTU and lowest monthly percentage of samples meeting the turbidity limits was 99%.

Section 9: Violations

The Village of Byesville Water had an exceedance of the MCL for TTHM for the 4th quarter of 2018 As issued on January 14, 2019. The Village of Byesville had additional exceedances in the 1st, 2nd, and 3rd, quarters of 2019. (violation letters attached)

Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems and may have an increased risk of getting cancer. Attached to this report are the public notifications issued.

Byesville Water is taking the following steps to correct this violation and prevent future violations from occurring:

The Village has received approval from the OEPA to install specialized equipment to address this issue. As of May of 2020, the equipment has been installed and is operational. If you have any further questions regarding this issue, please contact Kendal Weisend at the Byesville Water Treatment Facility. A Copy of this violation is included in this report.

Section 10: Lead Educational Information

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Village of Byesville Water is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at <http://www.epa.gov/safewater/lead>.

Section 11: License to Operate (LTO) Status Information

In 2019 we had a conditional license to operate our public water system. The conditions require us to address ongoing violations. For more information on these violations, contact the Water Superintendent at 740-685-0800.

Section 12: Public Participation Information

How do I participate in decisions concerning my drinking water?

You can participate in decisions regarding your water by contacting the treatment plant at (740) 685-0800, contacting the Village Administrator at (740) 685-0800 or by attending a Village Council meeting. The Village Council meets on the second and fourth Wednesday of the month at 221 East Main Avenue, Byesville, Ohio at 5:30 p.m. Any questions regarding the meetings contact the Village Clerk at (740) 685-0800

Section 13: Definitions of some terms contained within this report.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Parts per Million (ppm) or Milligrams per Liter (mg/L) are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.

Parts per Billion (ppb) or Micrograms per Liter ($\mu\text{g/L}$) are units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

LRAA: Locational Running Annual Average. The cumulative annual average of a sample from a particular location

Section 14: Drinking Water Notices

The Ohio Environmental Protection Agency requires all drinking water notices be included as part of this report. The notices from 2018 included in this report are for informational purposes only; they require no current action by the public.

Report Prepared by: Brennan Dudley
Village Administrator
221 E Main Ave
Byesville, OH 43723
740-685-0800

Kendal Weisend
Water Superintendent
59870 Vocational Rd.
Byesville, OH 43723
740-685-0800



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

NOTICE OF VIOLATION – ACTION REQUIRED

January 14, 2019

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

CERTIFIED MAIL

91 7108 2133 3937 1501 2486

BRENNAN DUDLEY
BYESVILLE
221 MAIN STREET
BYESVILLE, OH 43723

Subject: Violation of Maximum Contaminant Level for TTHM

BYESVILLE is in violation for exceeding the maximum contaminant level (MCL) standard of 0.080 mg/L as established in the Ohio Administrative Code (OAC) section 3745-81 for TTHM. Compliance with the MCL is based on a locational running annual average (LRAA). The LRAA for TTHM during the Fourth Quarter of 2018 time period is 0.109 mg/L at location DS201 and 0.128 mg/L at location DS202.

To address the MCL violation, BYESVILLE is required to take the following actions:

1. Notify your customers within 30 days using the enclosed instructions and public notice.
2. Complete and send a verification form with a copy of the public notice to the mailing address below within ten days after issuance.
3. Perform quarterly monitoring for TTHM according to your most recent monitoring schedule.
4. Consult with your Ohio EPA district representative to discuss your options for coming into compliance and establishing a compliance schedule or comply with any previously issued enforcement action.
5. For a community water system, include in the Consumer Confidence Report (CCR) a clear explanation of the violation including the length of the violation, the potential adverse health effects, and actions taken by the system to address the violation. The mandatory health effects language for the particular contaminant is specified in the appendix to OAC section 3745-96-02.

Your prompt attention to this matter is greatly appreciated. Continued noncompliance may lead to additional enforcement actions. If you have any questions or wish to change the public notice, please call me at (614) 644-2752.

Sincerely,

Sara J. Starr (sara.starr@epa.ohio.gov)

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice; Public Notice Instructions and Verification Form
cc: GUERNSEY County Health Department
ec: SEDO DOCC, DDAGW

DRINKING WATER NOTICE

BYESVILLE Has Levels of TTHM above Drinking Water Standards

Our water system recently violated the maximum contaminant level (MCL) for TTHM. The average level of TTHM over the last four quarters was 0.128 mg/L. The standard for TTHM is 0.080 mg/L.

What should I do?

- You do not need to use an alternative (e.g. bottled) water supply. However, if you have specific health concerns, consult your doctor.

What does this mean?

The levels detected do not pose an immediate risk to your health. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

What is being done?

We are investigating and taking the following necessary steps:

We are currently awaiting approval from the OEPA on a plan to correct the issue.

_____ to correct the problem as soon as possible.

Additional information may be obtained by contacting:

Contact Person: Village Administrator

Phone Number: 740-685-0800

Mailing Address: 59870 Vocational Rd. Byesville, OH 43723

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Date Distributed: 2/8/2019

PWSID: OH3001212 Facility ID: DS1

Monitoring Period: Fourth Quarter of 2018



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

NOTICE OF VIOLATION – ACTION REQUIRED

January 18, 2019

DUDLEY, BRENNAN
BYESVILLE
221 Main Street
BYESVILLE, OH 43723

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

Dear Public Water System:

To date, our records indicate that a public notice has not been issued or is inadequate for a previous SWTR monitoring violation letter from this office dated 11/27/2018. Public notice is required as specified in Ohio Administrative Code 3745-81-32 with required content detailed in paragraph E of this rule.

In the event that the required notice has already been issued, contact this office immediately at 614-644-2752. Additionally, mail of a copy of the public notice, indicating when and how the notice was posted using the enclosed verification form to the address at the bottom of this page.

If a public notice has not yet been posted, a posting must be issued immediately according to the enclosed public notice instruction and verification form.

The enclosed draft public notice contains the required elements of your notification. Specific contact information and a description of steps taken are to be filled out by the water supply. Please add information on any actions that have been taken since the violation occurred, such as the date that the sample was collected. If you wish to draft your own notice, please contact this office for authorization prior to issuing the public notice.

A copy of the public notice and the public notice verification form must be received in this office within 15 days from the date of this letter. Failure to notify your consumers of this violation may result in additional enforcement action.

If you have questions or need additional assistance, please contact me at (614) 644-2752.

Respectfully,

A handwritten signature in black ink, appearing to read "Sara J. Starr".

Sara J. Starr (sara.starr@epa.ohio.gov)
Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosures: Draft Public Notice and Public Verification Form

cc: DOCC, SEDO-DDAGW
Superintendent/Manager



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

NOTICE OF VIOLATION – ACTION REQUIRED

April 12, 2019

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

CERTIFIED MAIL

9489 0090 0027 6054 1935 41

BYESVILLE
BYESVILLE
221 MAIN ST
PO BOX 8
BYESVILLE, OH 43723

Subject: Violation of Maximum Contaminant Level for TTHM

BYESVILLE is in violation for exceeding the maximum contaminant level (MCL) standard of 0.080 mg/L as established in the Ohio Administrative Code (OAC) section 3745-81 for TTHM. Compliance with the MCL is based on a locational running annual average (LRAA). The LRAA for TTHM during the First Quarter of 2019 time period is 0.104 mg/L at location DS201 and 0.132 mg/L at location DS202.

To address the MCL violation, BYESVILLE is required to take the following actions:

1. Notify your customers within 30 days using the enclosed instructions and public notice.
2. Complete and send a verification form with a copy of the public notice to the mailing address below within ten days after issuance.
3. Perform quarterly monitoring for TTHM according to your most recent monitoring schedule.
4. Consult with your Ohio EPA district representative to discuss your options for coming into compliance and establishing a compliance schedule or comply with any previously issued enforcement action.
5. For a community water system, include in the Consumer Confidence Report (CCR) a clear explanation of the violation including the length of the violation, the potential adverse health effects, and actions taken by the system to address the violation. The mandatory health effects language for the particular contaminant is specified in the appendix to OAC section 3745-96-02.

Your prompt attention to this matter is greatly appreciated. Continued noncompliance may lead to additional enforcement actions. If you have any questions or wish to change the public notice, please call me at (614) 644-2752.

Sincerely,

Sara J. Starr (sara.starr@epa.ohio.gov)

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice; Public Notice Instructions and Verification Form
cc: GUERNSEY County Health Department
ec: SEDO DOCC, DDAGW

DRINKING WATER NOTICE

BYESVILLE Has Levels of TTHM above Drinking Water Standards

Our water system recently violated the maximum contaminant level (MCL) for TTHM. The average level of TTHM over the last four quarters was 0.132 mg/L. The standard for TTHM is 0.080 mg/L.

What should I do?

- **You do not need to use an alternative (e.g. bottled) water supply.** However, if you have specific health concerns, consult your doctor.

What does this mean?

The levels detected do not pose an immediate risk to your health. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

What is being done?

We are investigating and taking the following necessary steps:

We have received approval from the OEPA to correct this issue. The installation of the equipment will take place over the next 12 months and cost approximately \$6,533,000. If you have any further questions about the project, please contact the Water Superintendent at the number listed below.

_____ to correct the problem as soon as possible.

Additional information may be obtained by contacting:

Contact Person: Byesville Water Superintendent

Phone Number: 740-685-0800

Mailing Address: 59870 Vocational Rd. Byesville, OH 43723

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Date Distributed: 5/10/19

PWSID: OH3001212 Facility ID: DS1

Monitoring Period: First Quarter of 2019



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

NOTICE OF VIOLATION – ACTION REQUIRED

June 13, 2019

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

CERTIFIED MAIL

9489 0090 0027 6054 1950 95

BYESVILLE
BYESVILLE
221 MAIN ST
PO BOX 8
BYESVILLE, OH 43723

Subject: Violation of Maximum Contaminant Level for TTHM

BYESVILLE is in violation for exceeding the maximum contaminant level (MCL) standard of 0.080 mg/L as established in the Ohio Administrative Code (OAC) section 3745-81 for TTHM. Compliance with the MCL is based on a locational running annual average (LRAA). The LRAA for TTHM during the Second Quarter of 2019 time period is 0.117 mg/L at location DS201 and 0.111 mg/L at location DS202.

To address the MCL violation, BYESVILLE is required to take the following actions:

1. Notify your customers within 30 days using the enclosed instructions and public notice.
2. Complete and send a verification form with a copy of the public notice to the mailing address below within ten days after issuance.
3. Perform quarterly monitoring for TTHM according to your most recent monitoring schedule.
4. Consult with your Ohio EPA district representative to discuss your options for coming into compliance and establishing a compliance schedule or comply with any previously issued enforcement action.
5. For a community water system, include in the Consumer Confidence Report (CCR) a clear explanation of the violation including the length of the violation, the potential adverse health effects, and actions taken by the system to address the violation. The mandatory health effects language for the particular contaminant is specified in the appendix to OAC section 3745-96-02.

Your prompt attention to this matter is greatly appreciated. Continued noncompliance may lead to additional enforcement actions. If you have any questions or wish to change the public notice, please call me at (614) 644-2752.

Sincerely,

Sara J. Starr (sara.starr@epa.ohio.gov)

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice; Public Notice Instructions and Verification Form
cc: GUERNSEY County Health Department
ec: SEDO DOCC, DDAGW

DRINKING WATER NOTICE

BYESVILLE Has Levels of TTHM above Drinking Water Standards

Our water system recently violated the maximum contaminant level (MCL) for TTHM. The average level of TTHM over the last four quarters was 0.117 mg/L. The standard for TTHM is 0.080 mg/L.

What should I do?

- **You do not need to use an alternative (e.g. bottled) water supply.** However, if you have specific health concerns, consult your doctor.

What does this mean?

The levels detected do not pose an immediate risk to your health. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

What is being done?

We are investigating and taking the following necessary steps:
Per the approval from the OEPA, we will be installing additional treatment equipment and processes to address this issue. The project will take approximately 18 months to complete and cost \$6,533,000.

_____ to correct the problem as soon as possible.

Additional information may be obtained by contacting:

Contact Person: Kendal Weisend

Phone Number: 740-685-0800

Mailing Address: 59870 Vocational Rd. Byesville, OH 43723

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Date Distributed: 6/28/2019

PWSID: OH3001212 Facility ID: DS1

Monitoring Period: Second Quarter of 2019



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

**NOTICE OF VIOLATION
RESPONSE REQUIRED**

September 30, 2019

RE: Village of Byesville
Notice of Violation
Drinking Water Program
Guernsey County
PWS ID OH3001212

Mr. Brennan Dudley
Village Administrator
Village of Byesville
221 East Main Street
Byesville, OH 43723

Certified Mail

9489 0090 0027 6054 1936 64

Subject: December 4, 2015 Director's Final Findings and Orders

Dear Mr. Dudley:

On December 4, 2015, the Village of Byesville was issued Director's Final Findings and Orders (DFFOs), concerning deficiencies at the Village of Byesville public water system (PWS). The Village of Byesville has failed to comply with the December 4, 2015, DFFOs as required in Order No. 21.

On December 12, 2018, General Plans to address disinfection byproducts (Package Number (PN) 1220814), submitted as required by Order No. 12, were approved with the special condition that detail plans for the Cumberland booster station in-line aeration system and Cumberland tank aeration system be submitted by December 31, 2018 and that remaining milestones to achieve operation of these systems must follow those outlined in the DFFOs Orders 19-24.

On February 28, 2019, Detail Plans for water treatment plant capacity expansion (PN 1223674), submitted as required by Order No. 19, were approved with the special condition that the milestones to achieve operation of the Cumberland booster in-line aeration system and Cumberland in-tank aeration system follow those outlined in the DFFOs Orders 19-24.

VIOLATION

1. In violation of Order No. 21 of the December 4, 2015, DFFOs, the Village of Byesville failed to, within three (3) months of detail plan approval (May 28, 2019) commence the installation/construction of the approved option for TTHM reduction.

In accordance with Order No. 22 of the DFFOs, within nine (9) months of detail plan approval, the Village of Byesville shall complete installation and commence operation of the approved option for TTHM reduction.

In order to return to compliance, the Village of Byesville must, by November 28, 2019, complete installation and commence operation of the Cumberland in-line aeration system and Cumberland in-tank aeration system. **Within fourteen (14) days of receipt of this letter, please submit to this office a schedule demonstrating how the Village plans to meet this deadline.**

Please be advised that if escalated enforcement becomes necessary, it will likely include additional penalties. Owners or operators of PWSs that fail to comply with Ohio's safe drinking water laws and regulations could be subject to civil penalties of up to \$25,000 per day per violation under ORC § 6109.33.

If you have any questions regarding this letter, or any other matter involving your water system, please feel free to contact me by email at ashley.voskuhl@epa.ohio.gov or by phone at 614-441-0798.

Sincerely,



Ashley Voskuhl
Environmental Specialist
Division of Drinking and Ground Waters

ec: Justin Burke, DDAGW-CO
Tya Darden, DDAGW-CO
Nush Courlas, DDAGW-CO
Janet Barth, DDAGW-SEDO
Rex Haggy, DDAGW-SEDO
Colin Bennett, Ohio EPA-Legal

cc: Guernsey County Health Department
Robert Gerdau, ORC



VILLAGE OF BYESVILLE

Office of the Village Administrator

October 3, 2019

Ms. Ashley Voskuhl
50 West Town St. Suite 700
PO Box 1049
Columbus, OH 437213

Re: Byesville DFFO

Ms. Voskuhl,

Please consider this my official response to a NOV received on October 1, 2019. In regard to Order No. 21 and Order No. 22 of the DFFO's dated December 4, 2015.

In review of the original DFFO's from December of 2015 there was an oversight as to the timeline issued. As I am sure that you are aware, we have been working with the OEPA on the project for some time. The project has extensive technical parameters and multiple issues to be addressed. The OEPA review of the detailed plans submitted in April of 2018 required almost 10 months of review. In contrast, the General Plan 8 took months to review. It would be an impossible task to commence installation/ construction within the 3-month timeline as issued in the DFFO's. The materials and equipment would take longer to be ordered and received than the proposed "3 months." Upon approval of the plans we did proceed very quickly. I will list a timeline below to demonstrate our commitment to the project.

- 2/5/19 – Advertisement for bid issued
- 2/28/19 - Detail Plans Approved
- 3/1/19 – Mandatory Pre-bid meeting
- 3/7/19 – Original bid due date. Bid date extended to allow contractors additional time to prepare bids.
- 3/28/19 – Bids Due. Only one contractor bid. (\$6,533,000)
- 4/16/19 – Notice of Award issued.
- 4/25/19 – Contract Signed
- 5/21/19 – Finalized and Submitted OWDA Loan Application
- 7/10/19 – Received financial approval from OWDA
- 7/16/19 – Preconstruction meeting.

221 E. Main Ave
PO Box 8
Byesville, OH 43723

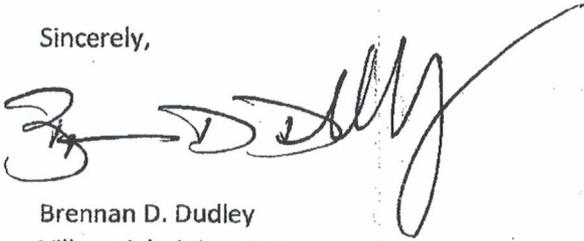
PHONE 740-685-0800 ext 1001
FAX 740-685-8633
EMAIL bdudley@byesvilleon.gov

Upon completion of the Pre-construction meeting; materials and necessary equipment was ordered by the contractor.

As you can see from the timeline, we have been diligently working to move the project forward. I am enclosing the most recent timeline update issued by the contractor at a progress meeting October 1st. I would assume the DFFO's need to be amended to better represent a more realistic timeline.

Please contact me if you have questions or additional information is required.

Sincerely,

A handwritten signature in black ink, appearing to read "Brennan D. Dudley". The signature is stylized and written in a cursive-like font.

Brennan D. Dudley
Village Administrator

Enc; Project Schedule



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

NOTICE OF VIOLATION – ACTION REQUIRED

October 10, 2019

9489 0090 0027 6054 1953 30

CERTIFIED MAIL

BYESVILLE
221 MAIN ST
PO BOX 8
BYESVILLE, OH 43723

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

Subject: Violation of Maximum Contaminant Level for TTHM

BYESVILLE is in violation for exceeding the maximum contaminant level (MCL) standard of .08 mg/L as established in the Ohio Administrative Code (OAC) section 3745-81 for TTHM. Compliance with the MCL is based on a running annual average. The annual average for TTHM during the Third Quarter of 2019 time period is .08538 mg/L.

To address the MCL violation, BYESVILLE is required to take the following actions:

1. Notify your customers within 30 days using the enclosed instructions and public notice.
2. Complete and send a verification form with a copy of the public notice to the mailing address below within ten days after issuance.
3. Perform quarterly monitoring for TTHM according to your most recent monitoring schedule.
4. Consult with your Ohio EPA district representative to discuss your options for coming into compliance and establishing a compliance schedule or comply with any previously issued enforcement action.
5. For a community water system, include in the Consumer Confidence Report (CCR) a clear explanation of the violation including the length of the violation, the potential adverse health effects, and actions taken by the system to address the violation. The mandatory health effects language for the particular contaminant is specified in the appendix to OAC section 3745-96-02.

Your prompt attention to this matter is greatly appreciated. Continued noncompliance may lead to additional enforcement actions. If you have any questions or wish to change the public notice, please call me at (614) 644-2752.

Sincerely,
Hayley Nininger

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosure: Public Notice; Public Notice Instructions and Verification Form
cc: GUERNSEY County Health Department
ec: SEDO DOCC, DDAGW

DRINKING WATER NOTICE

BYESVILLE Has Levels of TTHM above Drinking Water Standards

Our water system recently violated the maximum contaminant level (MCL) for TTHM. The average level of TTHM over the last four quarters was .08538 mg/L. The standard for TTHM is .08 mg/L.

What should I do?

- **You do not need to use an alternative (e.g. bottled) water supply.** However, if you have specific health concerns, consult your doctor.

What does this mean?

The levels detected do not pose an immediate risk to your health. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

What is being done?

We are investigating and taking the following necessary steps:

Per the approval from the OEPA, we will be installing additional treatment equipment and processes to address this issue. The project will take approximately 12 months to complete and cost \$6,533,000.

_____ to correct the problem as soon as possible.

Additional information may be obtained by contacting:

Contact Person: Kendal Weisend

Phone Number: 740-685-0800

Mailing Address: 59870 Vocational Rd. Byesville, OH 43723

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Date Distributed: 11/12/2019

PWSID: OH3001212 Facility ID:

Monitoring Period: Third Quarter of 2019



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

October 25, 2019

Mr. Brennan Dudley
Village Administrator
Village of Byesville
221 East Main Street
Byesville, OH 43723

RE: Village of Byesville
Notice of Violation
Drinking Water Program
Guernsey County
PWS ID OH3001212

Certified Mail

9489 0090 0027 6054 1936 71

Subject: September 30, 2019 Notice of Violation of December 4, 2015 Director's Final Findings and Orders

Dear Mr. Dudley:

Thank you for your response to the September 30, 2019 Notice of Violation (NOV) for failure to comply with the mutually agreed-upon Director's Final Findings and Orders (DFFOs) issued to the Village of Byesville on December 4, 2015. Your response does not resolve the violation noted in the letter.

The response letter stated that there was an oversight in the timeline outlined in the DFFOs, specifically with regards to Order No. 21, indicating that "it would be an impossible task to commence installation/construction within the 3-month timeline as issued in the DFFOs." Also, the letter noted that the "the materials and equipment would take longer to be ordered and received than the proposed '3 months.'" As you are aware, the DFFOs were signed by acting mayor of Byesville, Robert Motes, on November 11, 2015. Amendments to this Order were not proposed by the Village during negotiations and the Village mutually agreed to the 3-month timeline upon signing the Orders.

As a reminder, these Orders were mutually agreed upon, in part, to address Byesville's ongoing violations of the total trihalomethane (TTHM) maximum contaminant level (MCL). Some people who drink water containing TTHMs in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. Since the first TTHM MCL violation noted in the DFFOs (Finding No. 10 for the third quarter 2014 MCL violation), the village has exceeded the TTHM MCL for an additional 16 quarters; most recently for third quarter 2019. The DFFOs require Byesville to take action to mitigate levels of TTHMs found in the system, including the submission of general and detail plans for mitigation, followed by installation of treatment in accordance with the agreed-upon schedule in the Orders.

Ohio EPA is willing to provide extensions to the schedule outlined in the Orders upon written request including demonstration by your public water system that the system is unable to meet the schedule. Ohio EPA staff explained this during the negotiation process of the Orders. Byesville has previously requested extensions to Orders 8 and 12, which were granted by Ohio EPA on May 5, 2017. However, the Village failed to request an extension to Order No. 21, resulting in the September 30, 2019 NOV.

Following the extension provided for Order No. 12, the deadline for submitting the general plan for complying with the TTHM MCL was extended from April 18, 2017 to July 17, 2017—the plan was submitted on July 19, 2017. On September 15, 2017 a comment letter was issued to Byesville regarding the general plan. No response was received to the comment letter, in violation of Order No. 20 of the DFFOs, and an NOV was issued to Byesville on February 12, 2018.

A revised general plan (Package Number (PN) 1220814) for complying with the TTHM MCL was processed on April 2, 2018. Detail plans (PN 1223674) for water treatment plant expansion, replacement of aeralaters, addition of ultra-filtration membranes, new pumps, extension of sanitary sewer, and other miscellaneous improvements (including distribution aeration systems to address TTHMs) were processed on April 26, 2018, prior to general plan approval. Because the Village did not seek general plan approval prior to submission of detail plans and because the detail plans for the proposed strategy for complying with the TTHM MCL were included with the Village's extensive capacity improvement project, the plan approval process increased in complexity for Ohio EPA, resulting in the review times you indicated in your letter. However, both the general plan approval and detail plan approval included special conditions that the milestones to achieve operation of the Cumberland booster in-line aeration system and Cumberland in-tank aeration system follow those outlined in the DFFOs Orders 19-24.

While the numerous capacity and plant improvement projects included in the detail plans approved on February 28, 2019 will be beneficial, the Village should prioritize installation of the chosen options for TTHM mitigation included in the plans (i.e. the Cumberland booster station in-line aeration system and Cumberland in-tank aeration system).

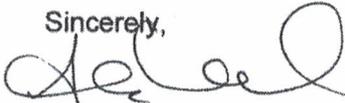
The preliminary schedule you provided in your response indicates the installation duration for the Cumberland Tank Aeration System will take 10 days, the installation duration for the Booster Pump THM will take 20 days, and that installation for both will begin on November 4, 2019. Neither the Cumberland Tank Aeration System nor the Booster Pump THM include start up dates. As I indicated in the September 30, 2019 NOV, to return to compliance with the DFFOs, the Village of Byesville must, by November 28, 2019, complete installation and commence operation of the Cumberland Tank Aeration System and the Buster Pump THM. **Within 7 days of receipt of this letter, please provide confirmation that the village will commence operation of these systems on or before November 28, 2019.**

Please be advised that if escalated enforcement becomes necessary, it will likely include additional penalties. Owners or operators of PWSs that fail to comply with Ohio's safe drinking water laws and regulations could be subject to civil penalties of up to \$25,000 per day per violation under ORC § 6109.33.

Village of Byesville
October 25, 2019
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 at ashley.voskuhl@epa.ohio.gov or by phone at 614-441-0798.

Sincerely,



Ashley Voskuhl
Environmental Specialist
Division of Drinking and Ground Waters

ec: Justin Burke, DDAGW-CO
Tya Darden, DDAGW-CO
Nush Courlas, DDAGW-CO
Janet Barth, DDAGW-SEDO
Rex Haggy, DDAGW-SEDO
Colin Bennett, Ohio EPA-Legal

cc: Guernsey County Health Department
Robert Gerdau, ORC



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

NOTICE OF VIOLATION – ACTION REQUIRED

December 18, 2019

BYESVILLE
BYESVILLE
221 MAIN ST
PO BOX 8
BYESVILLE, OH 43723

RE: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWS ID: OH3001212

Dear Public Water System:

To date, our records indicate that a public notice has not been issued or is inadequate for a previous TOTAL COLIFORM monitoring violation letter from this office dated 10/29/2018. Public notice is required as specified in Ohio Administrative Code 3745-81-32 with required content detailed in paragraph E of this rule.

In the event that the required notice has already been issued, contact this office immediately at 614-644-2752. Additionally, mail of a copy of the public notice, indicating when and how the notice was posted using the enclosed verification form to the address at the bottom of this page.

If a public notice has not yet been posted, a posting must be issued immediately according to the enclosed public notice instruction and verification form.

The enclosed draft public notice contains the required elements of your notification. Specific contact information and a description of steps taken are to be filled out by the water supply. Please add information on any actions that have been taken since the violation occurred, such as the date that the sample was collected. If you wish to draft your own notice, please contact this office for authorization prior to issuing the public notice.

A copy of the public notice and the public notice verification form must be received in this office within 30 days from the date of this letter. Failure to notify your consumers of this violation may result in additional enforcement action(s).

If you have questions or need additional assistance, please contact me at (614) 644-2752.

Respectfully,

A handwritten signature in black ink, appearing to read "Nikki Hochstetler".

Nikki Hochstetler (nikki.hochstetler@epa.ohio.gov)

Compliance Assurance Section
Division of Drinking and Ground Waters

Enclosures: Draft Public Notice and Public Verification Form

cc: DOCC, SEDO-DDAGW
Superintendent/Manager

**PUBLIC NOTICE INSTRUCTIONS AND VERIFICATION FORM FOR
COMMUNITY PUBLIC WATER SYSTEMS WITH TIER 3 VIOLATIONS**

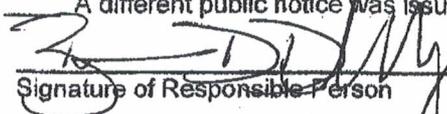
The owner or operator of a community public water system with a Tier 3 violation or situation shall notify the persons served by the public water system as soon as practical but **no later than one year** after the system learns of the violation. At a minimum, community public water systems must issue the notice **by mail or other direct delivery**. Public notice issued by methods other than posting shall be repeated annually as long as the violation or situation persists.

I HEREBY CERTIFY THAT THE PUBLIC WAS NOTIFIED BY THE FOLLOWING METHOD(S) INDICATED BELOW, AS DESCRIBED IN THE OHIO ADMINISTRATIVE CODE RULE 3745-81-32:

Required Method of Public Notification	Actual Method of Public Notification
<p>Use the following method to reach all persons served by the public water system:</p> <p>Public notice issued by mail or other direct delivery to each customer receiving a bill and to other service connections to which water is delivered by the public water system. The consumer confidence report delivered to customers by July 1 of each year may be used as long as the public notice includes all the required content and is delivered within the required timeframe.</p>	<p>Describe actual methods used to notify public of the violation:</p> <p>A. Date of mailing/delivery <u>6-17-2019</u></p>
<p>If the above methods do not reach all persons served, also use any other method reasonably calculated to reach other persons regularly served by the public water system (e.g. publication in a local newspaper, delivery of multiple copies for distribution by customers that provide their drinking water to others, posting in public places served by the system or on the internet, or delivery to community organizations). If the notice is posted, it shall remain in place as long as the violation exists, but in no case less than 7 days.</p>	<p>A. Method(s)</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>B. Date(s)</p> <p>_____</p>

Please check if the public notice used was provided by Ohio EPA (other side of this form) or another acceptable notice was used:

- A public notice as shown on the other side of this sheet was issued without changes.
 A different public notice was issued. **INCLUDE A COPY OF THE PUBLIC NOTICE.**


 Signature of Responsible Person _____ Date 1/8/2020
Brennan D. Dudley Village Administrator
 Printed Name and Title of Responsible Person _____

PWS NAME: Village of Byesville PWS
 PWSID: OH3001212
 Facility ID: 3054706
 County: Guernsey
 Type 32 (Major) M/R
 Time Period September 2018
 Violation #: 7483194

For Ohio EPA use only:	
Date PN received: _____	
PN acceptable: _____	PN not acceptable: _____