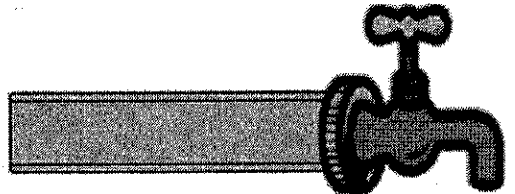


Wetzler/Haynes Water Filtration Plant Byesville, Ohio



2018 Water Quality Report

Commitment to Quality

The Byesville Water Department has prepared the 2018 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 2018**

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 2018. 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; radiological; synthetic organic; volatile organic during 2018. Samples were collected for a total of 38 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 December 24, 2018 the Village of Byesville received a violation for items associated with a Sanitary Survey as conducted by the OEPA. A copy of this notice of violation is included in this report.

On November 6, 2018 the Village of Byesville received a violation for deficiencies in the 2017 CCR. Those deficiencies included inclusion of the 2nd Qtr. 2017 TTHM Violation and inclusion of Nitrates as part of the Table of Detected Contaminants. A copy of this notice of violation is included in this report.

During the month of September 2018, the Village of Byesville failed to adhere to the specified monitoring schedule for source water samples of E-coli. Samples were collected a week later than specified. No

presence of E-coli was detected. A copy of this notice of violation is included in this report.

On September 14 and October 1, 2018, the Village of Byesville received two notices of violation for failure to designate a Class III Operator of record. The Village subsequently was granted an extension and exception to utilize a Class II certification. The Village has since hired personnel with a Class III certification and are in full compliance. A copy of this notice is included in this report.

On March 2, 2018 the Village of Byesville received a violation for failure to submit the January monthly operating report for the due date. The report was submitted late. A copy of this notice of violation is included in this report.

On February 12, 2018 the Village of Byesville received a violation for failure to comply with certain aspects of DFFO's issued on December 4, 2015. The violation included failure to respond to comments or deficiencies noted in previously submitted General Plan. The Village was required to respond to the aforementioned "comments or deficiencies" by February 27, 2018. The Village has since met the requirements and are in compliance. A copy of this violation is included in this report.

On February 6, 2018 the Village of Byesville received a violation for deficiencies in the 2016 CCR. The violation included turbidity monitoring violation, and turbidity treatment technique. Copy of this violation 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	1.99	.07 - 1.99	Yes	2018	Water additive used to control microbes.
Total trihalomethanes (ppb)	0	80	183	31.2 - 183	Yes	2018	By-product of drinking water chlorination.
Haloacetic Acid (ppb)	0	60	66.6	<6 - 66.6	No	2018	
Inorganic Contaminants							
Fluoride (ppm)	4	4	1.41	.59 - 1.41	No	2018	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	2018	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Lead (ppb)	0	AL=15	6.7	<5 - 6.7	No	2018	Corrosion of household plumbing systems; erosion of natural deposits;
Copper (ppm)	1.3	AL=1.3	1.34	<50 - 1.34	No	2018	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	2018	Runoff from fertilizer, erosion, natural deposits
Microbiological Contaminants							
Turbidity (NTU)	0.3	1	1.1	.030 - 1.11	No	2018	Soil runoff
Turbidity(% meeting standard)	100%	95%	99%	.99% - 100%	No	2018	Soil runoff
	Site	Quarter	LRAA	Site	Quarter	LRAA	
TTHM (ppb)	DS201	18-Q4	109.15	DS202	18-Q4	127.55	
HAA5	DS201	18-Q4	32.6	DS202	18-Q4	21.1	

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 2018 was 1.11 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 2nd, and 3rd quarter of 2018. 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. The project will commence in 2019 with completion in 2020 and cost approximately six-million dollars. If you have any further questions regarding this issue or the project, please contact Kendal Weisend at the Byesville Water Treatment Facility. A Copy of this violation is included in this report.

In 2018, the Village of Byesville recorded 3 separate violations for insufficient contact time with chlorine. The violations occurred on February 2, October 1, and November 29. The insufficient contact time was minimal in all cases and water entered the distribution system and blended with sufficient levels of Chlorine therefore no boil order necessary. The following is a list of possible issues resulting from long-term deficiencies of contact time.

Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. You do not need to boil your water or take other corrective action.

We have taken the necessary steps to correct the problem and no other concerns have been registered since November 29, 2018. A copy of this violation is included in this report.

On April 20, 2018 the Village of Byesville received notification of a violation for exceeding the secondary standard for manganese. Manganese is a naturally occurring element in the source water. The Village made corrective action to the treatment process and no further deficiencies have been noted. 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 2018 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 (µg/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



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

NOTICE OF VIOLATION

December 24, 2018

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

VILLAGE OF BYESVILLE

Attn: Brennan Dudley, Village Administrator
221 MAIN ST
PO BOX 8
BYESVILLE, OH 43723

Subject: Sanitary Survey – Facility ID# 3054706

Dear Mr. Dudley,

On December 5, 2018, I conducted a sanitary survey of the Byesville public water system. The purpose of our inspection was to determine your facility's compliance with Ohio's drinking water laws as found in Chapter 6109 of the Ohio Revised Code (ORC) and Chapter 3745 of the Ohio Administrative Code (OAC). Our inspection included a review of records associated with facility operations.

During the inspection, Ohio EPA observed the following violations of Chapter 6109 of the ORC and Chapter 3745 of the OAC.

VIOLATIONS

The following violations of Ohio's safe drinking water laws and rules were observed. In accordance with OAC rule 3745-81-60, your public water system shall respond in writing within thirty days of the date of this letter indicating how and on what schedule the public water system will address the following violations, and correct the violations according to a schedule accepted by the director.

1. In accordance with OAC rule 3745-85-01(E)(1), At least annually, public water systems shall exercise the responses to one or more of the circumstances identified in the plan. The exercise may be discussion-based, tabletop or live. Exercises do not need to be conducted outside of normal business operations. Each circumstance identified by the plan shall be included in an exercise at least once every five years. An exercise may include more than one of the circumstances identified by the plan.

- a. The system has not exercised any of the circumstances identified in the contingency plan.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.
2. In accordance with OAC rule 3745-85-01(D)(4)(g), The contingency plan shall at a minimum, address unplanned absence of the operator.
 - a. The contingency plan does not address unplanned operator absences.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.
3. In accordance with OAC rule 3745-85-01(D)(7), A description of the process that the public water system will use to provide water from an alternate source. The description shall include the following: (a) The process that will be used to obtain and transport water from the alternate source. (b) Three or more possible alternate sources of water. (c) A description of the source, which may include an interconnection to another public water system and the method of disinfection that will be used for each source. Sources selected shall independently, or as a whole, supply water of sufficient quality and quantity to support the drinking water needs (a minimum of one gallon per person per day) for all of the public water system's customers in the event of an emergency.
 - a. The contingency plan does not provide for three alternate sources of water capable of supplying one gallon per person per day.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.
4. In accordance with OAC rule 3745-85-01(8), The contingency plan shall contain A description of a process for the provision of water to support the drinking water needs (a minimum of one gallon per person per day) of affected persons within twenty-four hours of an incident where the public water system is not capable of providing water through its distribution system.
 - a. The contingency plan does not ensure that water is provided within twenty-four hours.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.

5. In accordance with OAC rule 3745-85-01(D)(12), the contingency plan shall identify the method and timing of notification of water users, Ohio EPA, local health departments and local EMAs for each circumstance identified in paragraphs (D)(3) and (D)(4) of this rule, as applicable. The notification shall communicate that an emergency affecting the ability of the public water system to provide potable water exists.
 - a. The contingency plan does not include the method and timing of notification to various organizations/public for each circumstance identified.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.

6. In accordance with OAC rule 3745-85-01(F), The contingency plan required by this chapter of the Administrative Code shall be reviewed and updated as necessary, but at least annually.
 - a. The contingency plan has not been fully updated within the last twelve months.
 - b. The contingency plan must be updated within 30 days. A letter verifying that your Contingency Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.

7. In accordance with OAC rule 3745-83-01(H), The owner and operator shall ensure that all facilities and equipment necessary for the treatment and distribution of water shall be maintained, at a minimum so as to function as intended.
 - a. The water system does not have a written valve exercise program.
 - b. A plan and schedule to develop and implement a valve exercise program must be submitted to Ohio EPA, Southeast District Office, 2195 Front Street, Logan, OH 43138 within 30 days.

REQUIREMENTS

Ohio Senate Bill 2 required all public water systems to have an Asset Management Program in place by October 1, 2018. Additional information may be found at this webpage <http://epa.ohio.gov/ddagw/pws#113435168-asset-management>. In accordance with OAC 3745-87, a public water system's Asset Management Plan must contain the following:

- An inventory of all water system components with a condition assessment for each.
- Criteria, timeline and budget for rehabilitation or replacement of all system components.

- An operating plan with a table of organization, job descriptions and daily operating procedures.

A letter verifying that your Asset Management Plan has been revised to contain the above elements must be submitted to this office. Please do not submit the plan itself.

If you have already resolved the violations listed above, thank you, and please provide documentation supporting compliance. If you have not yet addressed the violations, please submit a compliance plan on how the company plans to correct the violations cited above. Documentation of steps taken to return to compliance includes written correspondence, updated policies, and photographs, as appropriate, and may be submitted via the postal service or electronically to rex.haggy@epa.ohio.gov.

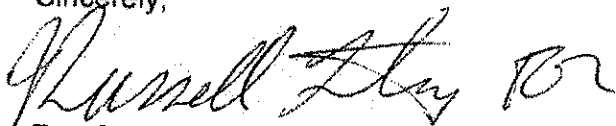
Failure to comply with Chapter 6109 of the Ohio Revised Code and rules promulgated thereunder may result in an administrative or civil penalty. If circumstances delay resolution of violations, Byesville shall submit written correspondence describing the steps that will be taken and dates when compliance will be achieved.

Please note that the submission of any requested information to respond to this letter does not constitute waiver of the Ohio EPA's authority to seek administrative or civil penalties as provided in Section 6109.23 and 6109.33 of the Ohio Revised Code.

Any additional information (e.g. photographs, sampling results, comments, recommendations, etc.) to aid your water system will be sent to you in a separate letter.

If you have any questions regarding this letter, or any other matter involving your water system, please feel free to contact me by email rex.haggy@epa.ohio.gov or by phone at 740-380-5436.

Sincerely,



Rex S. Haggy
Environmental Specialist
Division of Drinking and Ground Waters

RSH/cb

cc: Guernsey County Health Department
cc: Robert Gerdau, ORC

DRINKING WATER NOTICE

VILLAGE OF BYESVILLE DID NOT MEET TREATMENT REQUIREMENTS

In order to ensure proper disinfection, water in the treatment plant must be in contact with chlorine or a similar disinfectant for a minimum amount of time. On November 29, 2018, this did not occur.

Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the contact time, depends on the amount of disinfectant in the water, and the pH and temperature of the water.

What should I do?

- You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.
- People with severely compromised immune systems, infants, and some elderly people may be at increased risk. These people should seek advice about drinking water from their health care providers.

What does this mean?

This situation does not require that you take immediate action. If it had been, you would have been notified immediately.

Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.

What happened? What is being done?

We are investigating and taking the necessary steps to correct the problem as soon as possible.

For more information, please contact Village Administrator at 740-665-0800 or 59870 Vocational Rd. Byesville, OH 43723
name of contact phone number mailing address

General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791.

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.

PWSID#: OH3001212 Date distributed: 1/18/2019

Tier 2: SWTR Notice - Disinfection Treatment (Contact Time)

DRINKING WATER NOTICE

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name of contact phone number mailing address

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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.

PWSID#: OH3001212 Date distributed: 12-14-2018

Tier 2: SWTR Notice - Disinfection Treatment (Contact Time)



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

NOTICE OF VIOLATION

November 6, 2018

STAN D LUCAS
BYESVILLE
540 BRANCH RD
ZANESVILLE, OH 43701

Re: BYESVILLE
NOV
Drinking Water Program
GUERNSEY County
PWSID: OH3001212

SUBJECT: CONSUMER CONFIDENCE REPORT (CCR) NOTICE OF VIOLATION

Dear Public Water System Owner:

Ohio EPA has received the 2017 CCR for BYESVILLE. Based on our review, BYESVILLE is in violation of the Ohio Administrative Code (OAC) Rules 3745-96-01 through 04 for failure to comply with the CCR requirements. The following violations were noted:

1. For the 2nd quarter total trihalomethane reporting violation, the following information was not included in the report:
 - a. description of the violation including the contaminant of concern
 - b. date(s) when the violation occurred
 - c. steps taken to prevent the violation from happening again
2. The Table of Detected Contaminants should include the most recent data for all detected contaminants. The 2017 detection for Nitrate was not included in the Table of Detected Contaminants in your report.

With many water systems choosing to deliver their CCR via electronic delivery, systems need to keep in mind that there are multiple steps required to fulfill the electronic delivery requirement. An announcement of the CCR availability must be provided with the direct website link, which leads to the entire viewable CCR, and a phone number or contact must be provided for the customer to request a paper copy be delivered to them if they would like one. Systems must ensure all these requirements are met when delivering the CCR electronically in order to receive credit for delivery. For more information, see the 2013 US EPA memorandum, or Section V. of the CCR Instruction and Template Guide.

If a violation should occur in the future, be sure to include in your CCR all violation information as required. The CCR template, instruction guide, and other resources are accessible on our website: <http://epa.ohio.gov/ddagw/pws.aspx#113432740-consumer-confidence-reports>. Your next CCR for calendar year 2018 must be sent to your customers by no later than July 1, 2019. Also by July 1, 2019, a copy of the CCR along with a completed Certification Form must be submitted to Ohio EPA, Central Office, DDAGW, CO, PO Box 1049, Columbus, OH 43216-1049.

If you have any questions, please contact me at 614-644-2752.

Sincerely,

Emilie Eskridge
Compliance Assurance Section
Division of Drinking and Ground Waters
cc: Operator of Record
ec: SEDO DOCC, DDAGW

DRINKING WATER NOTICE

Monitoring/Reporting requirements were not met for the Village of Byesville Public Water System

Monitoring/Reporting requirements were not met for the Village of Byesville Public Water System during September 2018.

The September 5, 2018 and September 19, 2018 source water sample for E. coli counts were not monitored in the time frame allowed by OAC Rule 3745-81-65(I)(2) and the PWSs approved sampling schedule.

We are required to collect these samples to determine if additional treatment of our source water is necessary. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we did to correct this situation.

What Should I Do?

- There is nothing you need to do at this time. You do not need to boil your water or take other corrective action.

What is being done?

- Upon being notified of this violation, the water supply revised the sampling schedule to add replacement E. coli count samples on November 7, 2018 and November 21, 2018. The water supplier will take steps to ensure that adequate reporting will be performed in the future.

For more information, Water Superintendent at 740-685-0800 or at 59870 Vocational Rd. Byesville, OH 43723
Contact person Phone # Mailing address

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.

PWS ID: OH3001212 Date distributed: 6-20-2019

Tier 3: LT2 (September 2018 E. coli count – Monitoring/Reporting Violation Notice)

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 0.092 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 awaiting approval from the OEPA to address this 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: 12/14/2018

PWSID: OH3001212 Facility ID: DS1

Monitoring Period: Third Quarter of 2018



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

2ND NOTICE OF VIOLATION – ACTION REQUIRED

October 1, 2018

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

Village of Byesville
221 Main St.
PO Box 8
Byesville, Ohio 43723

Re: Failure to Designate an Operator of Record OH3001212

On September 14, 2018, you were mailed a notice of violation for operating your public water system (PWS) without an appropriately certified operator of record (ORC) in violation of Ohio Administrative Code (OAC) 3745-7-02(A)(1). OAC Rule 3745-7-02(A)(1) states: "the owner or operator of a public water system shall designate an operator of record with a certification of a class equal to or greater than the classification of the public water system, distribution system or water treatment plant".

In accordance with OAC Rule 3745-7-03, your facility is a Class 3 PWS, therefore a Class 3 or higher operator must be physically present at the facility for a minimum period of 5 days per week and 40 hours per week. In order to address the above referenced violation, the following actions are required:

- 1. Immediately obtain an appropriately certified ORC to be the on-site certified operator who performs the technical operation of the public water system; and**
- 2. Complete the enclosed ORC Notification Form. Mail or fax the form to the address listed at the top of the form by October 16, 2018.**

In the event you need assistance in finding an appropriately certified operator you may use Ohio EPA's Contract Operator's List at the following link to assist you:

http://epa.ohio.gov/portals/28/documents/opcert/contract_operator_list.pdf

Failure to designate an appropriately certified operator of record by October 16, 2018 may result a civil or administrative penalty. This is your final notice before enforcement action will be taken. Please note that the submission of any requested information to respond to this letter does not constitute waiver of the Ohio EPA's authority to seek civil penalties, up to \$25,000 per day, as provided in Section 6109.33 of the Ohio Revised Code or administrative penalties as provided in Section 6109.23 of the Ohio Revised Code.

If you should have any questions, please contact the Operations Section at (614) 644-2752.

Sincerely,



Andrew Barienbrock, Environmental Manager
Division of Drinking and Ground Waters

Enclosure: Operator of Record Notification form

Ec: Rex Haggy, SEDO-DDAGW



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

NOTICE OF VIOLATION – ACTION REQUIRED

September 14, 2018

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

Village of Byesville
221 Main St.
PO Box 8
Byesville, Ohio 43723

Re: Failure to Designate an Operator of Record OH3001212

On September 14, 2018, Ohio EPA received an Operator of Record (ORC) Notification Form removing Stan Lucas from your facility effective September 14, 2018. As a result, your public water system (PWS) is operating without an appropriately certified ORC in violation of Ohio Administrative Code (OAC) 3745-7-02(A)(1). OAC Rule 3745-7-02(A)(1) states: "the owner or operator of a public water system shall designate an operator of record with a certification of a class equal to or greater than the classification of the public water system, distribution system or water treatment plant".

In accordance with OAC Rule 3745-7-03, your facility is a Class 3 PWS, therefore a Class 3 or higher operator must be physically present at the facility for a minimum period of 5 days per week and 40 hours per week. In order to address the above referenced violation, the following actions are required:

- 1. Immediately obtain an appropriately certified ORC to be the on-site certified operator who performs the technical operation of the public water system; and**
- 2. Complete the enclosed ORC Notification Form. Mail or fax the form to the address listed at the top of the form within 15 days of the date of this letter.**

In the event you need assistance in finding an appropriately certified operator you may use Ohio EPA's Contract Operator's List at the following link to assist you:

http://epa.ohio.gov/portals/28/documents/opcert/contract_operator_list.pdf

Failure to designate an appropriately certified operator of record by October 16, 2018 may result a civil or administrative penalty. This is your final notice before enforcement action will be taken. Please note that the submission of any requested information to respond to this letter does not constitute waiver of the Ohio EPA's authority to seek civil penalties, up to \$25,000 per day, as provided in Section 6109.33 of the Ohio Revised Code or administrative penalties as provided in Section 6109.23 of the Ohio Revised Code.

If you should have any questions, please contact the Operations Section at (614) 644-2752.

Sincerely,

A handwritten signature in black ink that reads "Andrew Barienbrock". The signature is written in a cursive style.

Andrew Barienbrock, Environmental Manager
Division of Drinking and Ground Waters

Enclosure: Operator of Record Notification form

Ec: Rex Haggy, SEDO-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 0.063 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. 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 necessary steps to correct the problem as soon as possible.

Additional information may be obtained by contacting:

Contact Person: Step Lucas

Phone Number: 740-665-2800

Mailing Address: 89670 Vocational Rd

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: 8/9/2018

PWSID: OH3001212 Facility ID: D81

Monitoring Period: Second Quarter of 2018



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

NOTICE OF VIOLATION – ACTION REQUIRED

April 20, 2018

RE: Byesville
NOV
Drinking Water Program
Guernsey County
PWS ID: OH3001212

BRENNAN DUDLEY
BYESVILLE
23100 PAT SALING LN.
CALDWELL, OH 43724

Dear Mr. Dudley:

Byesville is in violation of Ohio Revised Code Chapter 6109 as follows:

In violation of OAC 3745-82-02, the public water system has exceeded the secondary standard for manganese which is 0.05 mg/L. There were 2 weeks during the month in which manganese exceeded the secondary standard.

Public water systems shall use the monitoring required by OAC 3745-83-01 (F)(6) to determine compliance with the secondary maximum contaminant level for manganese.

Violation of the secondary standard for manganese does not require public notification. Please review your operations to determine the reason for the exceedance and advise this office as to what corrections will be made.

Byesville must take immediate action to resolve this violation. Ohio EPA may take action to enforce the requirements of its drinking water rules. A civil penalty could be assessed as part of this enforcement action. Your response to this letter is required by May 21, 2018.

If you have any questions, please call me at 740-380-5436. E-mail is also available at rex.haggy@epa.ohio.gov.

Sincerely,

Rex S. Haggy
Environmental Specialist II
Division of Drinking Water

RSH/cb

cc: Guernsey County Health Department
cc: Robert Gerdau



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

NOTICE OF VIOLATION – ACTION REQUIRED

March 2, 2018

RE: Byesville
NOV
Drinking Water Program
Guernsey County
PWS ID: OH3001212

JAMES BENNETT
BYESVILLE PWS
59870 VOCATIONAL RD
BYESVILLE, OH 43723

Dear Mr. Bennett:

The BYESVILLE PWS is in violation of the Ohio Administrative Code (OAC) for failure to submit the following Monthly Operating Report (MOR) required by OAC 3745-83-01 (I).

<u>Missing Report Name</u>	<u>Month, Year</u>
MOR NOT RECEIVED-SURFACE WATER TREATMENT	JANUARY, 2018

The report was due to your Ohio EPA District Office by the 10th of the following month. As of this writing, your report has not been received.

In order to return to compliance, please submit the Monthly Operating Report cited above. Failure to do so may result in enforcement action which may include penalties.

If you have any questions, please call me at 740-380-5436.

Sincerely,

Rex S. Haggy
Environmental Specialist II
Division of Drinking and Ground Waters

RSH/cb



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

**NOTICE OF VIOLATION
RESPOND BY 02/27/2018**

February 12, 2018

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

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

Certified Mail

91 7199 9991 7035 4197 5331

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. 20.

VIOLATION

1. In violation of Ohio Revised Code Chapter 6109.31(A) and Order No. 20 of the December 4, 2015, DFFOs, Respondent failed to, within thirty (30) days of receipt of notification, respond in writing to address comments or deficiencies noted in the September 15, 2017 General Plan (PN 1158583) comment letter.

In order to return to compliance, the Village of Byesville must, by February 27, 2018, respond, in writing to the address in Section X of the DFFOs, to the September 15, 2017 General Plan comment letter.

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
February 12, 2018
Page 2

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

Enclosure

ec: Justin Burke, Manager, DDAGW-CO
Susan Schell, Manager, DDAGW-CO
Janet Barth, Manager, DDAGW-SEDO
Russ Flagg, DOCC, DDAGW-SEDO
Colin White, Supervisor, DDAGW-CO
Colin Bennett, Ohio EPA-Legal

cc: Guernsey County Health Department
Robert Gerdau, ORC



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

February 6, 2018

NOTICE OF VIOLATION

KENDAL L. WEISEND
BYESVILLE
23100 PAT SALING LN.
CALDWELL, OH 43724

Re: Byesville
NOV
Drinking Water Program
Guernsey County
PWSID: OH3001212

SUBJECT: CONSUMER CONFIDENCE REPORT (CCR) DEFICIENCY

Dear Ms. Weisend:

Ohio EPA has received the 2016 CCR for Byesville. Based on our review, Byesville is in violation of the Ohio Administrative Code (OAC) Rules 3745-96-01 through 04 for failure to comply with the CCR requirements. The following violations were noted:

1. For the May 18 and May 19, 2016 turbidity monitoring violation, the following information was not included in the report:
 - a. description of the violation including the contaminant of concern
 - b. date(s) when the violation occurred
 - c. steps taken to prevent the violation from happening again
2. For the June 1, 2016 turbidity Treatment Technique violation, the following information was not included in the report:
 - a. description of the violation including the contaminant of concern, the MCL and contaminant level
 - b. date(s) when the violation or exceedance occurred
 - c. steps taken to correct the violation or exceedance
 - d. health effects language (Appendix B)
3. Your yellow license to operate your public water system was issued because certain ongoing conditions or violations continue to need to be met. While your report mentioned your conditioned LTO, the statement was not explained. Statements similar to the following were required to have been included in the CCR:
"We have a conditioned license to operate our public water system. The conditions require us to address ongoing violations. For more information on these conditions or violations, contact (name and phone number)."
4. Nitrate was missing from the Table of Detected Contaminants.

If a violation should occur in the future, be sure to include in your CCR all violation information as required. The CCR template and instruction guide is accessible on our website: <http://epa.ohio.gov/ddagw/pws.aspx#113432740-consumer-confidence-reports> and <http://epa.ohio.gov/portals/28/documents/ccr/CCRtemplate2016.pdf>. Your next CCR for calendar year 2017 must be sent to your customers by no later than July 1, 2018. Also by July 1, 2018, a copy of the CCR along with a completed Certification Form must be submitted to Ohio EPA, Central Office, DDAGW, CO, PO Box 1049, Columbus, OH 43216-1049.

If you have any questions, please contact me at 614-644-2752.

Sincerely,

Kathleen Pinto

Kathleen Pinto
Compliance Assurance Section
Division of Drinking and Ground Waters

cc: Operator of Record
ec: SEDO DOCC, DDAGW
Ashley Voskuhl, DDAGW-CO

DRINKING WATER NOTICE

VILLAGE OF BYESVILLE DID NOT MEET TREATMENT REQUIREMENTS

In order to ensure proper disinfection, water in the treatment plant must be in contact with chlorine or a similar disinfectant for a minimum amount of time. On December 12, 2017, this did not occur.

Although chlorine quickly kills most bacteria, it is less effective against organisms such as viruses and parasites. For this reason, water needs to mix with chlorine for a longer time period to kill such organisms. The amount of time necessary, or the contact time, depends on the amount of disinfectant in the water, and the pH and temperature of the water.

What should I do?

- You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.
- People with severely compromised immune systems, infants, and some elderly people may be at increased risk. These people should seek advice about drinking water from their health care providers.

What does this mean?

This situation does not require that you take immediate action. If it had been, you would have been notified immediately.

Inadequately treated water may contain disease-causing organisms. These organisms include bacteria, viruses, and parasites which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.

What happened? What is being done?

We are investigating and taking the necessary steps to correct the problem as soon as possible.

For more information, please contact Jim Bennett at 740-585-0800 or 50570 Vocational Rd, Byesville Oh 45723
name of contact phone number mailing address

General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791.

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.

PWSID#: OH3001212 Date distributed: 2/21/18