40 years and moving forward
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

DDGW0H6300411858251 1

NOTICE OF VIOLATION – ACTION REQUIRED

July 9, 2013

Mr. Harry Wiebe
Village of Paulding
116 South Main Street
Paulding, Ohio 45879-1408

Paulding County
Paulding Village
Community PWS
PWS ID: OH6300411
STU ID: 6357099

Dear Mr. Wiebe:

Subject: Combined Filter Effluent Turbidity Violation - June 2013

The public water system failed to comply with the treatment technique requirement for turbidity of the combined filter effluent. Turbidity levels of representative samples of filtered water must be less than or equal to 0.3 NTU in at least 95 percent of the samples analyzed each month. According to the Surface Water Treatment Plant Monthly Operating Report for the month of June 2013, the turbidity of the filtered water was less than or equal to 0.3 NTU in 54 percent of the turbidity samples in violation of rule 3745-81-73(A)(1).

Failure to comply is a treatment technique violation that requires a tier 2 public notification in accordance with rule 3745-81-32(C)(1)(a). The public notice must be provided as soon as practical, but no later than 30 days after the public water system learns of the violation. The public water system must submit within 10 days of completing the public notification requirements to the Northwest District a completed verification form indicating that it has fully complied with the public notification regulations. The public water system must include with this certification a representative copy of each type of notice distributed, published, posted, and made available to the persons served by the public water system or to the media.

If the public water system fails to correct its violations, then the director may enforce the safe drinking water regulations to attain compliance. An enforcement action may include civil penalties of not more than $25,000 per day per violation in accordance with RC §§6109.33, or administrative penalties in accordance with rule 3745-81-04.

If you have any questions regarding this letter, or any other matter involving your water system, you may contact me at (419) 373-3048, or by email [Ralph.Baker@epa.ohio.gov].

Sincerely,

Ralph J. Baker
Engineer
Division of Drinking and Ground Waters

/cg

Enclosure

pc: Mike Winners
Paulding County Health District
DDAGW – NWDO (w/enclosures)

ec: Ralph Baker, DDAGW, NWDO
Toni Buchanan, DDAGW, CO
Paul G Brock PE, DDAGW, NWDO

PUBLIC NOTICE INSTRUCTIONS AND VERIFICATION FORM FOR PUBLIC WATER SYSTEMS WITH TIER 2 VIOLATIONS

The owner or operator of a community water system with a Tier 2 violation or situation shall notify the persons served by the public water system as soon as practical but **no later than 30 days** after the system learns of the violation. Public notice shall be repeated every 3 months 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
COMMUNITY WATER SYSTEMS – 1. Must issue public notice by mail or other direct delivery to each customer and service connection (where known). 2. May also post in conspicuous locations throughout the distribution system (must remain posted for as long as the violation exists, but at least 7 days).	1. Date of mailing/delivery _____ 2.A. Dates of posting _____ 2.B. Locations of posting _____ _____ _____
NONCOMMUNITY WATER SYSTEMS – **Use one or more of the following:** 1. Public notice issued by posting in conspicuous locations throughout the distribution system (required to remain posted for as long as the violation exists, but in no case less than 7 days). 2. Public notice issued by mail or other direct delivery to each customer and service connection (where known).	**Describe actual methods used:** 1.A. Dates of posting _____ 1.B. Locations of posting _____ _____ _____ 2. Date of mailing/delivery _____
Schools and Day-Care Facilities must notify parents or guardians of children being served by methods <u>besides</u> posting, such as a newsletter, e-mail notice, or direct mailing	A. Method(s) _____ _____ B. Date(s) _____
ALL SYSTEMS – **If the above methods do not reach all persons served,** also use any other method calculated to reach other persons served by the system (e.g. publication in a local newspaper or newsletter, use of e-mail to notify employees or students, or delivery of multiple copies to central locations).	A. Method(s) _____ _____ _____ B. Date(s) _____

Please check which public notice was used:

_____ A public notice as shown on the other side of this sheet was issued <u>without changes</u>.

_____ A different public notice was issued. **INCLUDE A COPY OF THE PUBLIC NOTICE.**

_____
Signature of Responsible Person Date

_____
Printed Name and Title of Responsible Person

PWS NAME: Paulding Village
PWSID: OH6300411 Facility ID: 6357099
COUNTY: Paulding

June 2013

<u>For Ohio EPA use only:</u>
Date PN received: _____
PN acceptable: _____ PN not acceptable: _____

DRINKING WATER NOTICE

Paulding Village Did Not Meet Treatment Requirements

We routinely monitor our water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. Water samples for June 2013 showed that 46 percent of turbidity measurements were more than 0.3 NTU. The standard is no more than 5 percent of samples may exceed 0.3 NTU per month. The turbidity levels are relatively low. However, their persistence is a concern.

What should I do?

- **You do not need to boil the water or take other actions.** We do not know of any contamination, and none of our testing has shown disease-causing organisms in the drinking water.
- Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.
- 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.
- The symptoms above are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

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 _____ at _____ or _____ .
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#: OH6300411 Date distributed: _____

OhioEPA

Division of Drinking and Ground Waters
Surface Water Treatment Plant
Monthly Operating Report (MOR)

PWS ID / Name:	OH6300411 / PAULDING VILLAGE	**Reporting Lab Certification Number:**	4039	**Submission Date:**	6/30/13
Plant ID / Name:	6357099 / PAULDING VILLAGE	**Reporting Month / Year:**	6 / 2013	**Submitted by:**	Gary Donat

Distribution Disinfectant Reporting	
Number of Samples Analyzed:	16
Number Below Required Residual:	0
Precent Meeting Disinfectant Requirement:	100
Prev Month % Meeting Min. Disinfectant Requirement:	100

Clearwell Information		**Clearwell ID**	**Surface Area**	**Approved Effective Volume Factor**
Calculation Type:	Simple	1	3317	0.2
Disinfectant Monitoring Continously?	Y			
Filtration Type:	Conventior			
Required Log Inactivation Percentage:	0.5			

Date	Lowest Residual Disinfection at Entrance ti Dist. System		Duration Residual Disinfectant Fell Below Requirement (0.1 hr)	Peak Hourly Treatment Flow (gpm)	Highest pH	Lowest Temp (C)	Lowest Clearwell Operating Depth/Level (ft)	Lowest Disfectant Conc. (mg/L)	Effective Disinfectant Contact Time (min)	Minimum Actual CT (min x mg/L)	Required CT (min x mg/L)	Interpolation (Y/N)	Raw Alkalinity (mg/L)	Raw TOC (mg/L)	Finished TOC (mg/L)	Comments
	Free	Combined														
06/01/2013	1.70		0	833	9	20	19	1.7	113.2	192.4	22	N				
06/02/2013	1.80		0	833	9	20	18	1.8	107.2	193	22	N				
06/03/2013	2.20		0	833	9.1	21	19.7	2.2	117.4	258.3	21.4	N				
06/04/2013	2.30		0	833	9.1	21	19.7	2.3	117.4	270	21.4	N				
06/05/2013	2.00		0	833	9.9	21	19.2	2	114.4	228.8	20.4	N				
06/06/2013	1.90		0	833	9.6	21	17.7	1.9	110.5	187.9	20.4	N	110	7	3.3	
06/07/2013	2.10		0	833	9.4	21	18.3	2.1	109	220.9	21.4	N				
06/08/2013	2.10		0	833	9.4	21	18.7	2.1	111.4	233.9	21.4	N				
06/09/2013	1.90		0	833	9.1	21	18.4	1.9	109.6	208.2	20.4	N				
06/10/2013	1.40		0	833	9	20	18.4	1.4	109.6	153.4	21	N				
06/11/2013	2.00		0	833	9.2	20	19.8	2	118	236	22	N				
06/12/2013	2.00		0	833	9.1	20	19.3	2	115	230	22	N				
06/13/2013	2.20		0	833	9.2	21	20	2.2	119.1	262	23	N				
06/14/2013	1.90		0	833	9.1	22	19	1.9	113.2	215	18.8	N				
06/15/2013	2.00		0	833	9.3	22	18.8	2	112	224	18.8	N				
06/16/2013	2.00		0	833	9.5	22	19	2	113.2	226.4	18.8	N				
06/17/2013												N				
06/18/2013												N				
06/19/2013												N				
06/20/2013												N				
06/21/2013												N				
06/22/2013												N				
06/23/2013												N				
06/24/2013												N				
06/25/2013												N				
06/26/2013												N				
06/27/2013												N				
06/28/2013												N				
06/29/2013												N				
06/30/2013												N				

OhioEPA

Division of Drinking and Ground Waters
Surface Water Treatment Plant
Monthly Operating Report (MOR)

TOC Value Information	
Calc. TOC Value	ATC (1.0)
2.12	E

PWS ID:	OH6300411	Reporting Lab Certification Number:	4039
Plant ID:	6357099	Reporting Month / Year:	6 / 2013

Turbidity Reporting Information

Turbidity Location: D | Percent Within Standard: 54

Date	Total Hours Filtering	Maximum Turbidity (NTU)	Minimum Turbidity (NTU)	Average Turbidity (NTU)	Grab Sample Report: Total Number of Results	Grab Sample Report: # of Results Exceedance Standard	Continuous Monitoring Report: Total Hours Results were Recorded	Continuous Monitoring Report: Total Hours Results Exceed Standard	Comments
06/01/2013	8.5	0.1	0.1	0.1	7	0			
06/02/2013	8.5	0.15	0.1	0.13	7	0			
06/03/2013	11	0.2	0.15	0.16	7	0			
06/04/2013	10.5	0.3	0.22	0.26	7	0			
06/05/2013	7	0.35	0.3	0.26	7	1			
06/06/2013	9.5	0.35	0.29	0.32	6	1			
06/07/2013	9.5	0.31	0.28	0.3	7	0			
06/08/2013	12	0.6	0.29	0.42	7	5			
06/09/2013	7	0.9	0.61	0.76	3	3			
06/10/2013	13.5	0.88	0.7	0.78	6	6			
06/11/2013	8	0.74	0.6	0.65	5	5			
06/12/2013	10.5	0.63	0.49	0.56	5	5			
06/13/2013	7	0.65	0.5	0.55	5	5			
06/14/2013	9.5	0.54	0.45	0.45	6	6			
06/15/2013	8	0.49	0.43	0.45	4	4			
06/16/2013	9.5	0.41	0.33	0.35	5	2			
06/17/2013									
06/18/2013									
06/19/2013									
06/20/2013									
06/21/2013									
06/22/2013									
06/23/2013									
06/24/2013									
06/25/2013									
06/26/2013									
06/27/2013									
06/28/2013									
06/29/2013									
06/30/2013									
Total:	149.5	Max: 0.9		**Total:**	94	43	0	0	

Results Exceeding Standard

Date	Time	Turbidity (NTU)	Duration (0.1hr)
06/05/13	06:30:00	0.35	0.5
06/06/13	06:00:00	0.35	0.5
06/08/13	05:30:00	0.36	2.5
06/08/13	08:00:00	0.41	0.5
06/08/13	14:30:00	0.41	4
06/08/13	18:30:00	0.53	2
06/08/13	20:30:00	0.6	0.5
06/09/13	06:00:00	0.61	2.5
06/09/13	08:30:00	0.77	4
06/09/13	12:30:00	0.9	0.5
06/10/13	03:00:00	0.7	2.5
06/10/13	05:30:00	0.88	3.5
06/10/13	09:00:00	0.85	0.5
06/10/13	16:00:00	0.71	4
06/10/13	20:00:00	0.75	2.5
06/10/13	22:30:00	0.76	0.5
06/11/13	03:00:00	0.71	2.5
06/11/13	05:30:00	0.74	0.5
06/11/13	16:00:00	0.61	4
06/11/13	20:00:00	0.61	0.5
06/11/13	20:30:00	0.6	0.5
06/12/13	03:00:00	0.63	2.5
06/12/13	05:50:00	0.6	0.5
06/12/13	15:30:00	0.49	4
06/12/13	19:30:00	0.53	3
06/12/13	22:30:00	0.56	0.5
06/13/13	03:00:00	0.5	2.5
06/13/13	05:30:00	0.65	0.5
06/13/13	16:00:00	0.47	3
06/13/13	19:00:00	0.57	0.5
06/13/13	19:30:00	0.56	0.5

Addendum for Individual Filter Turbidity Results

PWS ID / Name:	OH6300411 / PAULDING VILLAGE
Plant ID / Name:	6357099 / PAULDING VILLAGE

System Population: **Less than 10000**

Yes	Do you monitor each individual filter effluent (or combined filter effluent for systems with two filters)?
No	Was the continuous filter monitoring or recording (every 15 minutes) equipment offline during the month? If yes, indicate the filter number (s), the date(s), duration, and individual filter grab sampling frequency on a separate sheet.

INDIVIDUAL FILTER EVENT (or combinrd filter effluent for systems with two filters that monitor combined filter effluent in lieu of individual filters): Did any individual filter exceed:

Yes	A. 1.0 NTU in two consecutive measurements taken 15 minutes apart? If yes complete the table on the reverse side of this form and indicate required follow-up action status (report cause if known).
No	B. 1.0 NTU in two consecutive measurements taken 15 minutes apart at any time in each of three consecutive months? If yes complete the table on the reverse side of this form and indicate required follow-up action status (i.e. Individual Filter Self-Assessment - IFSA).
No	C. 2.0 NTU in two consecutive measurements taken 15 minutes apart at any time in each of two consecutive months? If yes complete the table on the reverse side of this form and indicate required follow-up action status (i.e. Comprehensive Performance Evaluation - CPE).

Filter Number	Individual Filter Event	Date	Time	Turbidity (NTU) Measurement(s)
1	A	06/08/13	18:15	2 hours 45 minutes: Max NTU 1.
1	A	06/10/13	20:30	2 hours 30 minutes: Max NTU 1.
1	A	06/09/13	09:45	3 hours 15 minutes: Max NTU 1.
2	A	06/09/13	10:30	2 hours 30 minutes: Max NTU 1.
2	A	06/08/13	20:00	1 hour 15 minutes: Max NTU 1.4