

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).

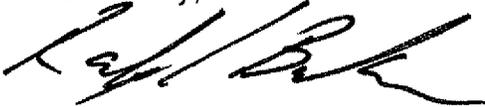
Failure to comply is a treatment technique violation that requires a tier 2 public notification in accordance with rule 3745-81-32(C)(1)(a). The public notice must be provided as soon as practical, but no later than 30 days after the public water system learns of the violation. The public water system 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.

Mr. Harry Wiebe
July 9, 2013
Page 2

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

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?

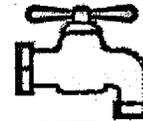
We are investigating and taking the necessary steps to correct the problem as soon as possible.

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: _____



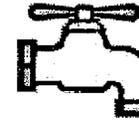
Division of Drinking and Ground Waters
Surface Water Treatment Plant
Monthly Operating Report (MOR)

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

Reporting Lab Certification Number: 4039
Reporting Month / Year: 6 / 2013

Submission Date: 6/30/13
Submitted by: Gary Donat

Distribution Disinfectant Reporting			Clearwell Information							Clearwell ID	Surface Area	Approved Effective Volume Factor				
Number of Samples Analyzed:		16	Calculation Type:		Simple		1	3317	0.2							
Number Below Required Residual:		0	Disinfectant Monitoring Continuously?		Y											
Percent Meeting Disinfectant Requirement:		100	Filtration Type:		Conventional											
Prev Month % Meeting Min. Disinfectant Requirement:		100	Required Log Inactivation Percentage:		0.5											
Date	Lowest Residual Disinfection at Entrance to 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 Disinfectant 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				



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

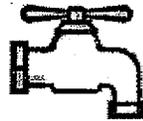
TOC Value Information	
Calc. TOC Value	ATC (1.0)
2.12	E

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		Continuous Monitoring Report		Comments
					Total Number of Results	# of Results Exceedance Standard	Total Hours Results were Recorded	Total Hours Results Exceed Standard	
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	06:00:00	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 combined 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

