



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

June 6, 2013

Mayor and Council
Village of Pleasant Hill
P. O. Box 557
Pleasant Hill, OH 45359

**RE: Reconnaissance Inspection/Notice of Violation,
Village of Pleasant Hill WWTP, 1PB00026*LD**

Dear Mayor and Council:

On May 10, 2013, I conducted a Reconnaissance Inspection at the Waste Water Treatment Plant (WWTP) of Pleasant Hill. This inspection was performed in response to the observation of solids exiting the Ultraviolet (UV) Disinfection Chamber on the morning of May 7, 2013, by personnel of the Water Quality Unit of the Division of Surface Water. Mr. Jeff Derksen was present during this inspection. At the time of my inspection, I noted no solids exiting the UV chamber or any in the effluent channels of the clarifiers. It was indicated that cleaning was performed on the afternoon of the 7th to eliminate the presence of solids. The cleaning consisted of physical removal of the larger masses of solids via scraping with a shovel. Then pressure washing was performed to cleanse any remaining growth/deposition. The other observed portions of the WWTP were found to be properly functioning.

The occurrence of solids exiting the WWTP is a violation; hence this Notice of Violation. Mr. Derksen described the challenges faced in managing this condition. He indicated that the cleaning interval was about once per week. It is believed the condition leading to solids exit is caused by excessive algal growth at the clarifier location and resultant sloughing of this growth. This sloughing is believed to be the source for the observed solids exiting the UV chamber. Based upon discussions with Mr. Derksen, it is believed that this will be an on-going challenge faced by the WWTP. Please note that removal of the solids is necessary and that any washing should be conducted in a fashion that does not allow the transport of any loosened materials to a downstream location.

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Please provide a written response to this Notice of Violation. It is asked that a brief description of measures to be undertaken to address the solids problem be part of the response. The response is to include measures that will be taken to prevent solids migration beyond the clarifier during cleaning activities. I ask that this response be provided by July 12, 2013. If you should have any questions and/or comments, please email me at glen.vonderembse@epa.ohio.gov or call me at (937) 285-6033.

Sincerely,

A handwritten signature in black ink, appearing to read "Glen Vonderembse", with a stylized "PE" at the end.

Glen Vonderembse, PE
Environmental Engineer 2
Division of Surface Water

Enclosure

GV\bp



State of Ohio Environmental Protection Agency
Southwest District Office

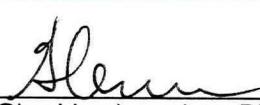
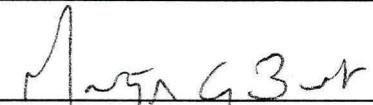
NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00026*LD	OH0029475	5/10/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Pleasant Hill WWTP 317 Monument Street Pleasant Hill, OH 45359	9:00 a.m.	April 1, 2013
	Exit Time	Permit Expiration Date
	10:12 a.m.	March 31, 2013
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Mr. Jeff Derksen, WWTP Superintendent		(937) 974-8337 (Mobile)
Name, Address and Title of Responsible Official		Phone Number
Mayor and Council Village of Pleasant Hill 8 High Street; PO Box 557 Pleasant Hill, OH 45359		(937) 676-3241

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
N	Permit	N	Flow Measurement	N	Pretreatment
N	Records/Reports	N	Laboratory	N	Compliance Schedule
S	Operations & Maintenance	N	Effluent/Receiving Waters	N	Self-Monitoring Program
S	Facility Site Review	N	Sludge Storage/Disposal	U	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)	
See Attached	

Inspector	Reviewer
 Glen Vonderembse, PE Environmental Engineer 2 Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
6/7/2013 Date	6/7/2013 Date

Summary of Findings

The inspection was conducted in response to observations of solids exiting the clarifier and the Ultraviolet (UV) Disinfection Chamber by Water Quality Personnel from the Division of Surface Water, Ohio EPA. On May 7, 2013, Diana Zimmerman and Hugh Trimble, both of Ohio EPA, were at the WWTP in relation to the forthcoming Stillwater watershed sampling effort. Please see Photos 1 and 2 for views of the solids of concern.

In response to their observations, I performed a Reconnaissance Inspection of the WWTP on May 10, 2013. Mr. Jeff Derksen, Operator of Record, met me at the plant. At the time of inspection, I observed no solids leaving the clarifier nor any at the leveling weir downstream of the UV disinfection unit. Please see Photos 3 and 4.

It was indicated that on the afternoon of May 7, 2013; the channels of both of the clarifiers and also other downstream components were cleaned; hence eliminating the solids. Therefore, no solids were observed leaving the WWTP. At the time of inspection, clumps of algal masses were noted lying on the ground. It was indicated that these were the result of scraping and removing the algal solids.

Since my observations did not reveal the solids problems documented in the photos of May 7, the WWTP received a rating of Satisfactory. However, solids were observed by Ohio EPA personnel on May 7th and as such an Unsatisfactory was given for the category of "Other."

On the 10th of May, the WWTP appeared to be functioning properly. No objectionable odors were detected. The color of the oxidation ditches was noted as being a mild brown. There was some noted foaming occurring, but fine mist water spraying was being utilized to minimize this foaming. The post aeration basin was observed and found to be operating properly. Also, the ultraviolet disinfection unit appeared to be operating properly and no solids were noted within this concrete basin.

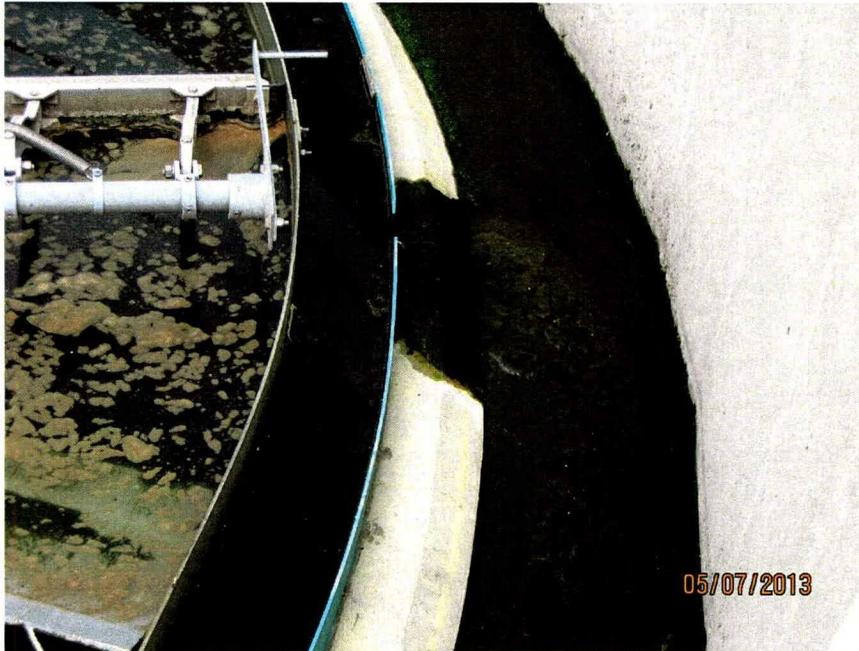


Photo 1 - Clarifier Weir Discharge - Note Solids in Channel. Photo from May 7, 2013.

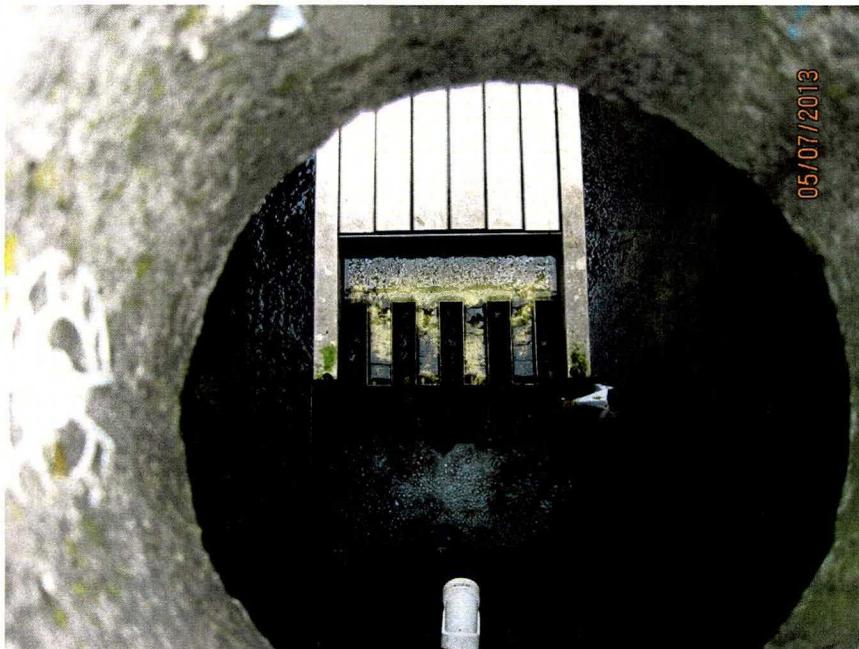


Photo 2 - Leveling Weir after Ultraviolet Disinfection. Note solids within the weir. Photo taken May 7, 2013



Photo 3 - Clarifier Weir and Channel. No solids present. Photo taken May 10, 2013.



Photo 4 - Leveling Weir after Ultraviolet Disinfection. No solids within the weir. Photo taken May 10, 2013.