



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

May 17, 2013

Mayor & Council
101 North Howard Street
Sabina, OH 45169

**RE: Village of Sabina WWTW/Reconnaissance Inspection Report
NPDES Permit No. OH0022128/OEPA PERMIT No. 1PB00038*HD**

Ladies and Gentlemen:

On May 16, 2013, I conducted a NPDES reconnaissance inspection at the village of Sabina Wastewater Treatment Works (WWTW). Randy Fair, who is the Operator of Record, represented the facility during the inspection process. The main purpose of the inspection was to observe progress on the construction of the WWTW improvements. The project was required through the Ohio EPA Director's Final Findings and Orders (DFFOs), which were issued on December 9, 2010. The DFFOs were issued due to illegal sanitary sewer overflows in the village's sewage collection system, bypassing at the WWTW and wet weather violations at the WWTW. The DFFOs require completion of the WWTW improvements and the school pump station project by no later than May 31, 2013.

The Permit to Install (PTI) for the WWTW improvements was approved by Ohio EPA's Division of Environmental & Financial Assistance on May 15, 2012. This project and the schoolhouse pump station improvements were the last projects required by the DFFOs. Completion on the Park Avenue/Rose Avenue relief sewer was required by no later than December 31, 2012 (this project has been completed and is operational).

In terms of "treatment units", the only remaining work left to be completed on the WWTW improvement project is new RAS pumps, which should be set and operational by May 22, 2013. Until that time, accumulated solids in the clarifier will be drained to the head works of the WWTW and recycled back through the entire plant. Mr. Fair does not believe this will interfere with the treatment process since it is a small window of time.

The new schoolhouse pump station is also scheduled for final connection during the week of May 20, 2013. According to Mr. Fair, the contractors have stated that the last day for construction at the WWTW will be May 29, 2013. The village shall contact Ohio EPA, through written correspondence, in order to provide notification once the requirements of the DFFOs have been completed.

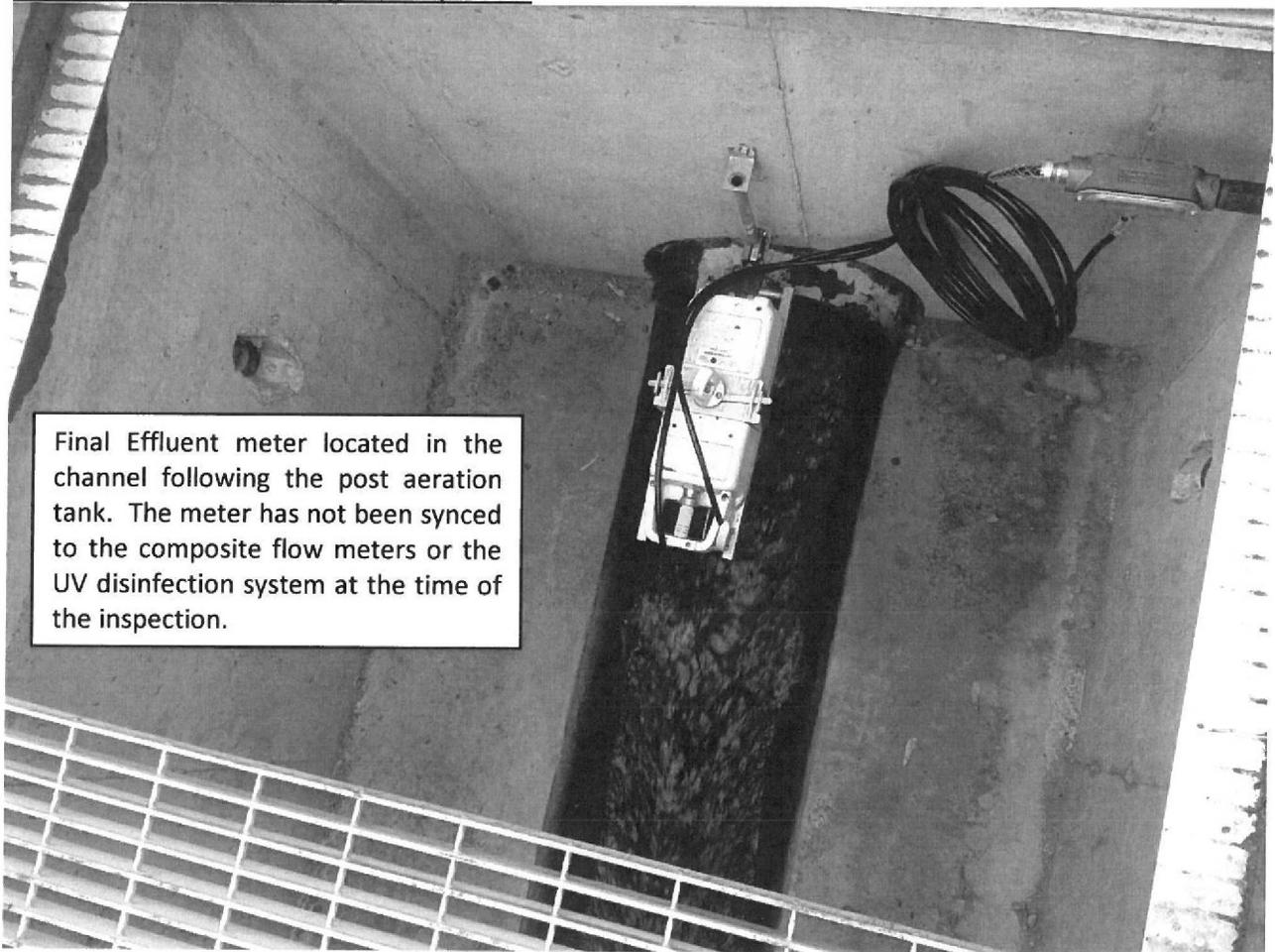
EFFLUENT LIMIT VIOLATIONS
(Period of Review: July – December 2013)

7D = Weekly 30D = Monthly 1D = Daily Conc. = Concentration (mg/l, S.U.) Qty.=Quantity (Kg/Day)

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value
December 2012	001	Dissolved Oxygen	1D Conc	5.0	4.7
February 2013	001	Nitrogen, Ammonia (NH3)	7D Conc	5.0	5.8
March 2013	001	Nitrogen, Ammonia (NH3)	30D Conc	2.5	3.0625
March 2013	001	Nitrogen, Ammonia (NH3)	30D Qty	3.6	3.74332
March 2013	001	Nitrogen, Ammonia (NH3)	7D Conc	5.0	6.6

*Self-notification reports were submitted for the violations above. The violations were attributed to disruption of treatment due to construction activities. No additional information is required at this time.

Other Items Noted During the Inspection



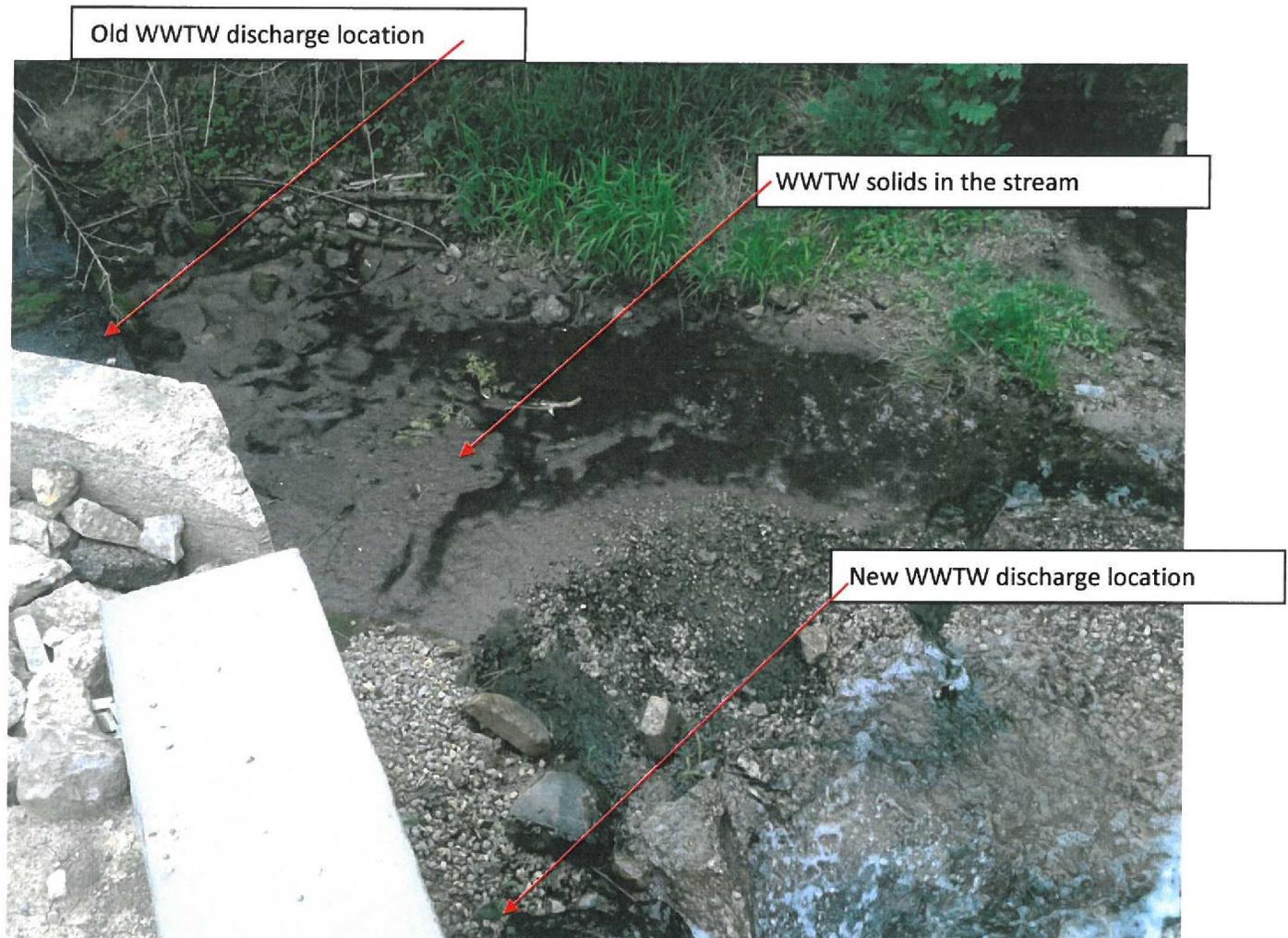


Wall baffling from the old chlorine contact tank has been removed and an air header with diffusers has been installed on the bottom of the tank.

The former chlorine contact tank (both sides) has been converted to a post aeration basin. The UV disinfection channel is located prior to this treatment unit.

New outfall location (within 10 feet of the old location). The village may need to stabilize the bank around the headway to prevent erosion of the bank during high stream flow events.





During the inspection, solids attributed the WWTW were observed in the stream below the old outfall location. This is a violation of Ohio Administrative Code 3745-1-04(A), which states the following:

“...To every extent practical and possible as determined by the director, these waters shall be:

(A) Free from suspended solids or other substances that enter the waters as a result of human activity and that will settle to form putrescent or otherwise objectionable sludge deposits, or that will adversely affect aquatic life;”

The village shall remove the solids located below the old outfall location (shown the in picture above) by no later than May 24, 2013. This work shall be completed in a manner so as not to further degrade Wilson Creek and cause additional water quality violations.

Mayor and Council
Village of Sabina
May 17, 2013
Page 7

Thank you and your staff for the time extended during the inspection process. If you have any questions, please feel free to contact me by phone at (937) 285-6342 or by email at jackson@odnr.state.oh.us.

Respectfully,



Joshua Jackson
Environmental Specialist II
Division of Surface Water

JJ/kb

cc: Randy Fair, Village of Sabina

Enclosure



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

Division of Surface Water-Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PB00038*HD	OH0022128	5/16/2013	R	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Sabina WWTW 700 Mill Street Sabina, OH	9:30 a.m.	4/1/2013
	Exit Time	Permit Expiration Date
	11:30 a.m.	3/31/2018
Name(s) and Title(s) of On-Site Representatives		Phone Number(s)
Randy Fair, ORC (Class II WW)		937-584-2131 (WWTW) 937-302-0555 (Cell Phone)
Name, Address and Title of Responsible Official		Phone Number
Mayor & Council 101 North Howard Street Sabina, OH 45169		937-584-4323

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

Section D: Summary of Findings (Attach additional sheets if necessary)
See attached cover letter.

Inspector	Reviewer
 Joshua Jackson Division of Surface Water Southwest District Office	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office
Date	Date
5-20-2013	5/20/13