



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

November 8, 2012

Re: Jefferson County
Village of Smithfield WWTP
NPDES Permit OPD00008*ID
Correspondence (PWW)

Mayor and Council
Village of Smithfield
P.O. Box 454
Smithfield, Ohio 43948

Dear Mayor and Council Members:

On August 27, 2012, I conducted a reconnaissance inspection at the Village's Wastewater Treatment Plant (WWTP). The purpose of the inspection was to investigate a complaint about a sanitary sewer overflow in the Village's collection system. At the time of my inspection, there was an overflow occurring. Sanitary Sewer Overflows are strictly prohibited and require immediate sewer maintenance. During the inspection, I told Village representatives that the sanitary sewer overflow should be addressed immediately. The area shown below is where the village had added fill over a sewer "cleanout" and added lime.





The photo above shows the overflow as it led away from the limed area. The flow at this location increased and decreased from time to time in response to one of the many lift stations pumping on and off to Line "H".

The Sanitary Sewer Overflows always require immediate attention. Sewage must be conveyed to the WWTP for treatment prior to discharge in accordance with the NPDES permit. Part II, Item E, of your NPDES permit includes a condition for reporting sanitary sewer overflows. The permit also states that all sanitary sewer overflows are prohibited. Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit is cause for enforcement action pursuant to the Ohio Revised Code Chapter 6111.

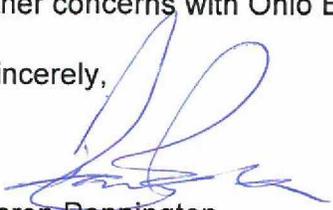
In reviewing the WWTP reported data, the list of violations for January through July 2012 are shown as:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	14.88	4/11/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	14.88	4/27/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.07	5/1/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.1	5/2/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.1	5/3/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.1	5/8/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.1	5/9/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	15.6	5/10/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	5.4	7.26266	5/10/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.06	5/10/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.07	5/14/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	5/15/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.09	5/17/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.09	5/18/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.06	5/21/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.08	5/22/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	16.08	5/25/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.12	5/25/2012
001	31616	Fecal Coliform	30D Conc	1000	1857.10	6/1/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.2	6/7/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	6/11/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	6/12/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	22.56	6/14/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.3	6/14/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	6/15/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.31	6/21/2012
001	31616	Fecal Coliform	7D Conc	2000	10000.	6/22/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	18.24	6/28/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.37	6/28/2012
001	00530	Total Suspended Solids	30D Conc	30	38.5	7/1/2012
001	00530	Total Suspended Solids	7D Qty	18.8	19.1180	7/1/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.55	7/5/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	19.92	7/12/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Qty	5.4	5.88098	7/12/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.41	7/12/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.37	7/19/2012
001	00610	Nitrogen, Ammonia (NH3)	1D Conc	13	14.64	7/25/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.32	7/25/2012

Permit OPA00053*ED requires the owner to report noncompliance as directed by Part III, Item 12(E) of the permit which shall contain information listed in Part III, Item 12(B) and Part III, Item 12(C). The facility is significant non-compliance. Ron Saxton verbally described that the total residual chlorine and fecal coliform violation were due to a water valve that had been partially closed. The water line provides water to the chlorine and dechlorination gas system for the WWTP's disinfection system. The valve has been corrected to fully open.

You may call me at (740) 380-5272 if you have any questions regarding this letter or any other concerns with Ohio EPA regulations.

Sincerely,



Aaron Pennington
District Representative
Division of Surface Water

AP/dh

Enclosure



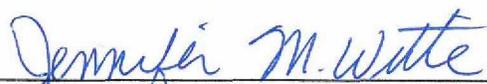
State of Ohio Environmental Protection Agency
Southeast District Office

Municipal NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES #	Month/Day/Year	Inspection Type	Inspector	Facility Type
OPA00053*ED	OH005014	August 27, 2012	Reconnaissance	S	1

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Smithfield WWTP 378 Sherwood Avenue Extension Smithfield, Ohio	~11:00 AM	September 1, 2008
	Exit Time	Permit Expiration Date
	~12:45 PM	August 31, 2013
Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)	
Ron Saxton, Plant Personnel	(740) 632-6765	
Name, Address, and Title of Responsible Official	Phone Number	
Mayor and Council		

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

Section D: Summary of Findings (attach additional sheets if necessary)			
A significant sanitary sewer overflow is occurring northeast of the intersection of E North Street and 3 rd Street. It appears the 6" sewer line identified as line "H" in the plan set has a blockage or has slipped causing the sanitary flow from the southwest portion of the Village to overflow. See pictures in attached cover letter.			
			
Inspector		Reviewer	
Date		Date	
11-17-12		11/7/12	
Aaron M. Pennington Division of Surface Water Southeast District Office		Jennifer M. Witte Compliance & Enforcement Supervisor Division of Surface Water Southeast District Office	