



**Environmental  
Protection Agency**

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

August 4, 2011

**Re:** Jackson County  
Village of Coalton WWTP  
Ohio EPA Permit No. 0PA00012\*GD  
NPDES Permit No. OH0050776  
Reconnaissance Inspection  
Correspondence (PWW)

Mayor and Council  
Village of Coalton  
P.O. Box 98  
Coalton, Ohio 45621

Dear Mayor and Council:

On June 15, 2011, I conducted a reconnaissance inspection at the village's wastewater treatment plant. The purpose of the inspection was to determine compliance with terms and conditions of National Pollutant Discharge Elimination System (NPDES) permit number 0PA00012\*GD and to evaluate the wastewater treatment systems performance. Mr. Greg Farrar represented the Village of Coalton during the inspection.

The NPDES permit 0PA00012\*GD has an expiration date of August 31, 2011. A renewal application was to be submitted 180 days prior to the expiration. **Please Provide an NPDES renewal application as soon as possible since your discharge is currently unauthorized.**

We have received self-monitoring reports covering August 2010 through May 2011 for the referenced facility. Our review indicated the following violation of the conditions of your NPDES permit.

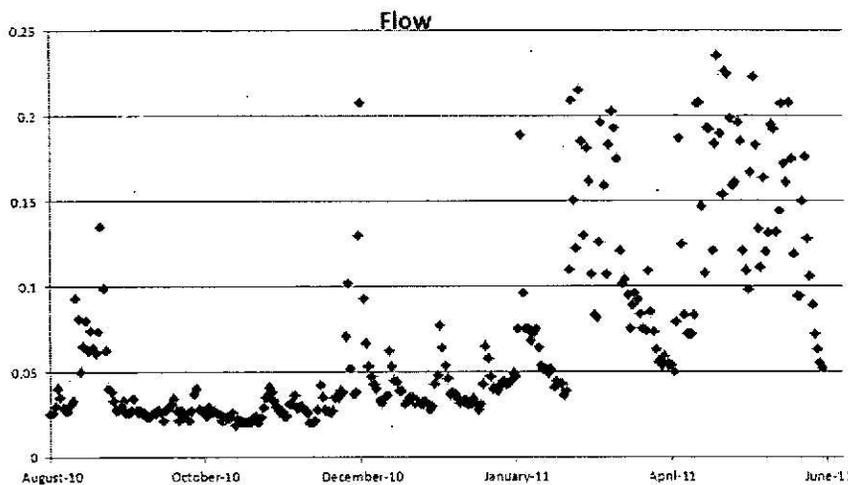
Parameter	Limit Type	Limit	Reported Value	Violation Date
Fecal Coliform	30D Conc	1000	7600.	8/1/2010
Fecal Coliform	7D Conc	2000	7600.	8/8/2010
Total Suspended Solids	7D Conc	18	25.	9/1/2010
Nitrogen, Ammonia (NH3)	30D Conc	7.5	25.	11/1/2010
Nitrogen, Ammonia (NH3)	30D Qty	1.42.	2.97123	11/1/2010
Nitrogen, Ammonia (NH3)	7D Conc	11.3	20.	11/8/2010
Nitrogen, Ammonia (NH3)	7D Conc	11.3	30.	11/22/2010
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.97425	11/22/2010
Total Suspended Solids	7D Qty	7.57	10.2346	12/1/2010
Nitrogen, Ammonia (NH3)	30D Conc	7.5	23.5	12/1/2010
Nitrogen, Ammonia (NH3)	30D Qty	1.42	3.16142	12/1/2010
CBOD 5 day	7D Qty	5.68	7.55789	12/1/2010

Parameter	Limit Type	Limit	Reported Value	Violation Date
Nitrogen, Ammonia (NH3)	7D Conc	11.3	18.	12/8/2010
Nitrogen, Ammonia (NH3)	7D Qty	2.14	2.24829	12/8/2010
Nitrogen, Ammonia (NH3)	7D Conc	11.3	22.5	12/15/2010
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.32134	12/15/2010
Nitrogen, Ammonia (NH3)	7D Conc	11.3	31.	12/22/2010
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.75472	12/22/2010
Nitrogen, Ammonia (NH3)	30D Conc	7.5	25.25	1/1/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	20.	1/1/2011
Nitrogen, Ammonia (NH3)	30D Qty	1.42	4.2761	1/1/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	2.8009	1/1/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	29.	1/8/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.40272	1/8/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	27.	1/15/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	6.64268	1/15/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	25.	1/22/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	4.25813	1/22/2011
Total Suspended Solids	30D Qty	4.73	5.66615	2/1/2011
Total Suspended Solids	7D Qty	7.57	9.29975	2/1/2011
Nitrogen, Ammonia (NH3)	30D Conc	7.5	14.4333	2/1/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	15.	2/1/2011
Nitrogen, Ammonia (NH3)	30D Qty	1.42	6.15984	2/1/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	10.7304	2/1/2011
CBOD 5 day	30D Qty	3.79	5.7866	2/1/2011
CBOD 5 day	7D Qty	5.68	11.8035	2/1/2011
Nitrogen, Ammonia (NH3)	7D Conc	11.3	21.	2/15/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.57683	2/15/2011
Total Suspended Solids	7D Qty	7.57	8.70172	2/22/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	4.17221	2/22/2011
CBOD 5 day	7D Qty	5.68	7.19869	2/22/2011
Nitrogen, Ammonia (NH3)	30D Conc	7.5	7.55	3/1/2011
Nitrogen, Ammonia (NH3)	30D Qty	1.42	2.85332	3/1/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	2.47047	3/1/2011
Total Suspended Solids	7D Qty	7.57	8.31186	3/8/2011
CBOD 5 day	7D Qty	5.68	5.88757	3/8/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.23618	3/15/2011
Nitrogen, Ammonia (NH3)	30D Qty	1.42	4.17511	4/1/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	4.21081	4/1/2011
CBOD 5 day	30D Qty	3.79	5.42182	4/1/2011
CBOD 5 day	7D Qty	5.68	6.06206	4/8/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	4.53632	4/15/2011
CBOD 5 day	7D Qty	5.68	7.1158	4/15/2011
Nitrogen, Ammonia (NH3)	7D Qty	2.14	3.77819	4/22/2011

Non-compliance notification has been received. A plant expansion has been permitted by the Ohio EPA. The project is reportedly in the bidding process.

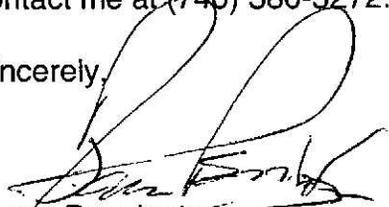
The Village has selected a few existing collection lines to be replaced during the plant expansion. The address of 59 Second Street has reported reoccurring backups of the sewer onto their property during rain events. These sanitary sewer overflows are prohibited except under emergency conditions where the overflow occurs in full compliance with all of the provisions of 40 CFR 122.41(m) and Part III Item 11 of the NPDES permit. Each occurrence is to be reported per monitoring station 300 in the e-DMR in accordance with the NPDES permit 0PA00012\*GD. Replacement of sewer is planned in the area contributing flow above the 59 Second Street address.

Inflow and Infiltration continue to be a problem as shown in the following graph with elevated flows during rainy months. The main lift station conveying flow to the WWTP has a pumping capacity of less than 240,000 gpd. Thus, there appears to be multiple events where the lift station was at capacity for durations of 24 hours or greater. That condition is indicative of a sewer surcharge with high potential of a Sanitary Sewer Overflow (SSO). Backups on private laterals or from the septic tanks in the system due to collection system capacity are to be reported as a SSO.



A copy of the inspection report is enclosed. The assistance and cooperation received during the inspection was appreciated. If you have any questions, please feel free to contact me at (740) 380-5272.

Sincerely,

  
Aaron Pennington  
District Representative  
Division of Surface Water

AMP/dh

Enclosure

# NPDES Compliance Inspection Report

## A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PA00012*GD	OH0050776	June 15, 2011	Reconnaissance	S	I

## B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Coaton WWTP 69 Shook Street Coalton, Ohio 45621	~10:00 A.M	December 1, 2009
	Exit Time	Permit Expiration Date
	~12:30 P.M.	August 31, 2011

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Greg Farrar, Operator	
Name, Address, & Title of Responsible Official	Phone Number
Village of Coalton PO Box 98 Coalton, OH 456212	

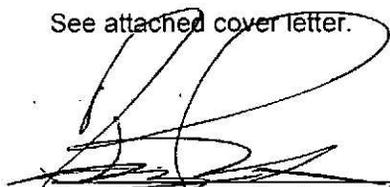
## C. AREAS EVALUATED DURING INSPECTION

<u>  M  </u> Permit	<u>  N  </u> Flow Measurement	<u>  N  </u> Pretreatment
<u>  N  </u> Records/Reports	<u>  N  </u> Laboratory	<u>  N/A  </u> Compliance Schedules
<u>  N  </u> Operations & Maintenance	<u>  S  </u> Effluent/Receiving Waters	<u>  N  </u> Self-Monitoring Program
<u>  N  </u> Facility Site Review	<u>  N  </u> Sludge Storage/Disposal	<u>      </u> Other
<u>  N  </u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

## D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

See attached cover letter.

  
Aaron M. Pennington, Inspector, Ohio EPA, Southeast District Office

6-20-11  
Date

  
Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

8/4/11  
Date