



**Environmental
Protection Agency**

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

June 21, 2012

Re: Gallia County
Meadowlook Subdivision
Gallia County Commissioners
Compliance Evaluation Inspection
NPDES Permit 0PG00011*FD
Correspondence (PWW)

Gallia County Commissioners
Meadowlook Subdivision Wastewater Treatment Facility
18 Locust Street
Gallipolis, Ohio 45631

Dear Commissioners:

On May 10, 2012, I conducted a compliance evaluation inspection at the Meadowlook Subdivision Wastewater Treatment Facility located in Gallipolis, Ohio. Jennifer Witte, with this office, assisted me with the inspection. Gary Myers represented Gallia County Commissioners and accompanied me during the inspection. The purpose of the inspection was to determine Meadowlook Subdivision Wastewater Treatment Facility's compliance with NPDES Permit Number 0PG00011*FD and the Ohio Water Pollution Control Act, Revised Code Chapter 6111.

As a result of the inspection and review of our files, I have the following comments:

1. There had been significant rainfall recently which had impacted the treatment facility. The stream above the facility had overflowed, due to a new culvert, and some water had flowed into the treatment facility area. A new small culvert pipe at the plant entrance ditch appeared to cause a restriction, leading to additional flows into the facility area. As a result, the sand filters had been washed out and the chlorine contact tank also impacted. You must eliminate the risk of the stream overflowing into the facility area.
2. High flows in the collection system from infiltration/inflow had washed out the plant. This is a common occurrence during heavy rainfall events. Reportedly the collection system pipes have joints that leak and the lines have bows in them. It appears that the collection system may need to be replaced. You must undertake all repairs necessary to eliminate the infiltration/inflow problem in the sewers.
3. Water under aeration was dark, grayish black, and both returns were working. Water exiting the clarifier was gray.

4. The sand filters were full of dark water. Facility effluent was visually clear.
5. The facility only has one aeration blower. A second blower must be installed as an alternating backup.
6. Sludge is only removed from the sand filters for disposal. Sludge must be removed from the system by routing excess to the holding tank.

For the period April 1, 2011 through March 2012, the following effluent limitation violations were noted:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2011:						
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	7.3	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.5	7.3	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.14	.68524	5/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.23	.68524	5/1/2011
June 2011:						
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.5	2.9	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	2.5	2.9	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.14	.27222	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.23	.27222	6/1/2011
November 2011:						
001	00530	Total Suspended Solids	30D Conc	12	14.8	11/1/2011
001	00530	Total Suspended Solids	30D Qty	1.1	1.38925	11/1/2011
December 2011:						
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	4.0	5.	12/1/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.38	.46934	12/1/2011
January 2012:						
001	00530	Total Suspended Solids	30D Conc	12	14.3	1/1/2012
001	00530	Total Suspended Solids	30D Qty	1.1	1.34231	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	4.0	13.	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	6.0	13.	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.38	1.22028	1/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.56	1.22028	1/1/2012
001	80082	CBOD 5 day	30D Conc	10	12.5	1/1/2012
001	80082	CBOD 5 day	30D Qty	0.9	1.17335	1/1/2012
February 2012:						
001	00530	Total Suspended Solids	30D Conc	12	14.6	2/1/2012
001	00530	Total Suspended Solids	30D Qty	1.1	1.37047	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	4.0	11.	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	6.0	11.	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.38	1.03255	2/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.56	1.03255	2/1/2012
March 2012:						
001	00530	Total Suspended Solids	30D Qty	1.1	1.12642	3/1/2012

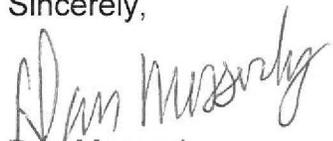
Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement action pursuant to Ohio Revised Code Chapter 6111.

This facility is in significant non-compliance with the permit and corrective actions need to be diligently pursued. Due to the poor condition of the wastewater treatment facility, the significant inflow and infiltration problems and permit violations we are recommending formal enforcement to bring the facility back into compliance.

Attached is a copy of the inspection report which indicates marginal and/or unsatisfactory evaluations of the following areas: Records/reports, operations and maintenance, site review, collection system, flow measurement, effluent receiving waters, sludge storage/disposal. I gave these ratings because of the deficiencies mentioned in the above comments. Facility name should take the appropriate actions to return the facility to compliance with all terms and conditions of the NPDES permit.

Please respond to this letter by July 21, 2012.

Sincerely,



Dan Messerly
District Staff Engineer
Division of Surface Water

DM/dh

Enclosure

c: Glenn Soles, ORC

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPG00011*FD	OH0050407	May 10, 2012	C	S	1

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Meadowlook Subdivision Wastewater Treatment Facility Debbie Drive Gallipolis, Ohio 45631	12:40 p.m.	June 1, 2003
	Exit Time	Permit Expiration Date
	2:00 p.m.	May 31, 2008

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Gary Myers, Operator Donald Cochran, Assistant Operator	(740) 446-6658 (lab)
Name, Address, & Title of Responsible Official	Phone Number
Gallia County Commissioners Karen Sprague, Administrator 18 Locust Street Gallipolis, Ohio 45631	(740) 446-4374
Glenn Soles Jr., ORC, 6428 State Route 588, Gallipolis, Ohio 45631	

C. AREAS EVALUATED DURING INSPECTION

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

Operator performs D.O., chlorine; all other parameters performed by Titan Labs.

See cover letter.

Dan Messerly
Dan Messerly, Inspector, Ohio EPA, Southeast District Office

6/21/12
 Date

Jennifer M. Witte
Jennifer M. Witte, Reviewer, Ohio EPA, Southeast District Office

6/21/12
 Date