



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490
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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

October 8, 2009

Re: Monroe County
Woodsfield
CEI 2010
Permit #0PB00051*GD
NPDES #OH0028177
Correspondence (PWW)

Mr. Terry Comstock, Superintendent
Woodsfield Water and Wastewater
670 Old Brick Road
Woodsfield, Ohio 43793

Dear Mr. Comstock:

I performed a compliance evaluation inspection on August 18, 2009 at the Village of Woodsfield WWTP. I was accompanied by Mike Jones, Chief Operator; Paul Robison, Plant Operator and you. The reason for the inspection was to determine the village's compliance with its NPDES permit.

During the inspection, we discussed:

- The Long Term Control Plan
- Sludge Removal at the WWTP
- Ultraviolet Disinfection
- Flow Measurement

The Long Term Control Plan:

The village has completed closure of the Oaklawn Avenue outfall, CSO 006. You have also started on the separation of the Maple Avenue area and closure of the Green Street outfall (CSO 003). Projected completion of this project is by the end of 2009. This would only leave the closure of CSO 005 at the West Side Pump Station to have Phases I and II of the Long Term Control Plan completed. This would put the village well ahead of the completion date for construction and it is recommended that the village aggressively continue pursuing completion of its separation project. Please advise the Ohio EPA when the Maple Avenue project and closure of CSO 003 is completed. Also, notify the Ohio EPA when the next phase of separation begins and identify the area to be separated. This is required per Part I, C of your NPDES permit.

Sludge Removal at the WWTP:

A belt filter press has been installed at the old wastewater facility and has greatly improved the solids removal capabilities of the treatment plant. It also will be utilized to process sludge waste from the water treatment plant. This will help to eliminate the solids violations that the treatment plant has experienced in the past.

Ultraviolet Disinfection:

During the plant tour, we discussed the possibility of installing ultraviolet disinfection at the treatment plant. We also discussed where the new sampling point could possibly be located and the closure of the chlorine contact tank.

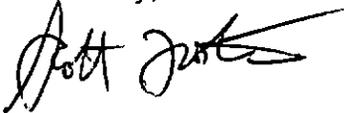
Flow Measurement:

The Flow Measurement box was marked as *unsatisfactory* because the flow meter and recording device had not been calibrated since July 8, 2008. Yearly calibration and manufacturers specifications should be used as a guideline for proper operation of all measuring and test equipment at your facility. This is a requirement of Part III, Item 3 of your NPDES permit.

A copy of my inspection report is attached. Please respond to this letter within 30 days of receipt.

If you have any questions or comments, please feel free to call me at (740) 380-5227.

Sincerely,



Scott Foster
Environmental Specialist 2
Division of Surface Water

SF/dh

Enclosure

- c: Mike Jones, Chief Operator, Woodsfield WWTP
- c: Paul Robinson, Operator, Woodsfield WWTP
- c: Jeff Woodell, Village Administrator, Woodsfield

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPB00051*GD	OH0028177	August 18, 2009	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Woodsfield WWTP 670 Old Brick Road Woodsfield, Ohio 43793	11:30 a.m.	September 1, 2008
	Exit Time	Permit Expiration Date
	2:00 p.m.	August 31, 2013

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mike Jones, Chief Operator	(740) 472-1233
Name, Address and Title of Responsible Official	Phone Number
Terry Comstock Supt. of Water and Wastewater 670 Old Brick Road Woodsfield, Ohio 43793	(740) 458-1059

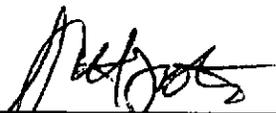
C. AREAS EVALUATED DURING INSPECTION

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

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

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

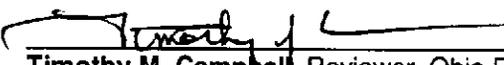
See attached letter



Scott Foster, Inspector, Ohio EPA, Southeast District Office

10/8/09

Date



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

10/18/09

Date

E. PERMIT VERIFICATION

Inspection Observations Verify the Permit	Yes	No	N/A	N/E
a. Correct name and mailing address of permittee	X			
b. Correct name and location of receiving waters	X			
c. Product(s) and production rates conform with permit application (industries)	X			
d. Flows and loadings conform with NPDES permit	X			
e. Treatment processes are as described in permit application/briefing memo	X			
f. New treatment process(es) added since last inspection	X			
g. Notification given to state of new, different, or increased discharges	X			
h. All discharges are permitted	X			
i. Number and location of discharge points are as described in permit	X			

Comments: Belt Filter Press

F. COMPLIANCE SCHEDULES/VIOLATIONS

	Yes	No	N/A	N/E
a. Any significant violations since the last inspection		X		
b. Permittee is taking actions to resolve violations			X	
c. Permittee has compliance schedule	X			
d. Compliance schedule contained in: <u>0PB00051*GD</u>	X			
e. Permittee is meeting compliance schedule	X			

Comments: LTCP Implementation Schedule, 006 completed, 003 by end of 2009. Phase 2 completed before Phase 1. Both completed by August 2011.

G. OPERATION AND MAINTENANCE

Treatment Facility Properly Operated and Maintained	Yes	No	N/A	N/E
a. Standby power available: Generator <u>X</u> Dual Feed _____	X			
b. Adequate alarm system available for power or equipment failures	X			
c. All treatment units in service other than backup units	X			
d. Sufficient operating staff provided: # of shifts <u>1</u> Days/Week <u>5</u>	X			
e. Operator holds unexpired license of class required by permit Class: <u>2</u>	X			
f. Routine and preventive maintenance schedule/performed on time	X			
g. Any major equipment breakdown since last inspection		X		
h. Operation and maintenance manual provided and maintained	X			
i. Any plant bypasses since last inspection		X		
j. Regulatory agency notified of bypasses: _____ on MORS _____ 800 Number			X	
k. Any hydraulic and/or organic overloads experienced since last inspection		X		

Comments: d. Plant is checked on weekends

Collection System	Yes	No	N/A	N/E
a. Percent combined system: <u>65%</u>	X			
b. Any collection system overflows since last inspection (CSO <input checked="" type="checkbox"/> SSO <input type="checkbox"/>)	X			
c. Regulatory agency notified of overflow (SSOs)			X	
d. CSO O and M plan provided and implemented	X			
e. CSOs monitored and reported in accordance with permit	X			
f. Portable pumps used to relieve system		X		
g. Lift station alarm systems provided and maintained	X			
h. Are lift stations equipped with permanent standby power or equivalent		X		
i. Is there an inflow/infiltration problem (separate sewer system), or were there any major repairs to collection system since last inspection	X			
j. Any complaints received since last inspection of basement flooding		X		
k. Are any portions of the sewer system at or near capacity		X		

Comments: CSO 006 closed, part of maple Avenue completed.

H. SLUDGE MANAGEMENT

- a. Sludge Management Plan (SMP): _____ Submitted Date
 _____ Approval Number
 _____ Not submitted
 _____ X N/A

	Yes	No	N/A	N/E
b. Sludge Management Plan current			X	
c. Sludge adequately disposed (Method: <u>LAND APPLY</u>)	X			
d. If sludge is incinerated, where is ash disposed of? _____			X	
e. Is sludge disposal contracted (Name: _____)		X		
f. Has amount of sludge generated changed significantly since last inspection	X			
g. Adequate sludge storage provided at plant	X			
h. Land application sites monitored and inspected per SMP	X			
i. Records kept in accordance with state and federal law	X			
j. Any complaints received in last year regarding sludge		X		
k. Is sludge adequately processed (digestion, dewatering, pathogen control)	X			

Comments:

I. SELF-MONITORING PROGRAM

Part 1 - Flow Measurement		Yes	No	N/A	N/E
a.	Primary flow measuring device properly operated & maintained. Type of device: <input type="checkbox"/> ultrasonic & parshall flume <input type="checkbox"/> calculated from influent <input type="checkbox"/> weir <input type="checkbox"/> Other <input type="checkbox"/> ultrasonic & weir Specify: <u>ultrasonic and Palmer</u> <input checked="" type="checkbox"/> <u>Bowlus</u>		X		
b.	Calibration frequency adequate (date of last calibration: <u>7/8/08</u>)		X		
c.	Secondary instruments (totalizers, recorders, etc.) properly operated and maintained		X		
d.	Flow measurement equipment adequate to handle expected ranges of flows	X			
e.	Actual flow discharged is measured	X			
f.	Flow measuring equipment inspection frequency: <input checked="" type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other				

Comments: Equipment out of calibration.

Part 2 - Sampling		Yes	No	N/A	N/E
a.	Sampling location(s) are as specified by permit	X			
b.	Parameters and sampling frequency agree with permit	X			
c.	Permittee uses required sampling method	X			
d.	Sample collection procedures are adequate	X			
i.	Samples refrigerated during compositing	X			
ii.	Proper preservation techniques used	X			
	Conform with 40 CFR 136.3	X			
e.	Monitoring records (e.g., flow, pH, D.O., etc.) maintained for a minimum of three years including all original strip chart recordings (e.g., continuous monitoring instrumentation, calibration, and maintenance records)	X			
f.	Adequate records maintained of sampling date, time, exact location, etc.	X			

Comments:

Part 3, Laboratory - General		Yes	No	N/A	N/E
a.	EPA approved analytical testing procedures used (40 CFR 136.3)	X			
b.	If alternate analytical procedures are used, proper approval has been obtained			X	
c.	Analyses being performed more frequently than required by permit	X			
d.	If (c) is yes, are results reported in permittee's self-monitoring report	X			
e.	Commercial laboratory used 1. Parameters analyzed by commercial lab: <u>Metals, O+G, CBOD, NH3, Sludge Metals, Low Level HG.</u> 2. Lab name: <u>MASI</u>	X			

Comments:

Part 3, Laboratory - Quality Control/Quality Assurance		Yes	No	N/A	N/E
f.	Quality assurance manual provided and maintained	X			
g.	Satisfactory calibration and maintenance of instruments and equipment	X			
h.	Adequate records maintained	X			
i.	Results of latest U.S. EPA quality assurance performance sampling program: Date: <u> N/A </u> <u> </u> Satisfactory <u> </u> Marginal <u> </u> Unsatisfactory				

Comments:

J. EFFLUENT/RECEIVING WATER OBSERVATIONS

Outfall #	Oil Sheen	Grease	Turbidity	Visible Foam	Visible Float Solids	Color	Other
001	None	None	None	None	None	Clear	

Comments:

K. MULTIMEDIA OBSERVATIONS

		Yes	No	N/A	N/E
a.	Are there indications of sloppy housekeeping or poor maintenance in work and storage areas or laboratories		X		
b.	Do you notice staining or discoloration of soils, pavement, or floors		X		
c.	Do you notice distressed (unhealthy, discolored, dead) vegetation		X		
d.	Do you see unidentified dark smoke or dustclouds coming from sources		X		
e.	Do you notice any unusual odors or strong chemical smells		X		
f.	Do you see any open or unmarked drums, unsecured liquids, or damaged containment facilities		X		

If any of the above are observed, ask the following questions:

1. What is the cause of the conditions?
2. Is the observed condition or source a waste product?
3. Where is the suspected contaminant normally disposed?
4. Is this disposal permitted?
5. How long has the condition existed and when did it begin?

Comments: