



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

August 10, 2010

Re: Muskingum County
Village of New Concord
2011 CEI
Correspondence (PWW)

Mr. John Huey, Village Administrator
Village of New Concord
2 West Main Street
P.O. Box 10
New Concord, Ohio 43762

Subject: 2011 Compliance Evaluation Inspection

Dear Mr. Huey:

On July 23, 2010, I conducted a Compliance Evaluation Inspection (CEI) at the New Concord WWTP. I was accompanied by Mr. Jeff Wiler, Operator, Village of New Concord; Mr. Chris Huebner, Chief Operator, Village of New Concord; Mr. Steve Shriner, Operator, Village of New Concord and you. The purpose of the inspection was to determine New Concord's compliance with NPDES permit number 0PB00028*FD. During the inspection, we discussed:

- **The Abatement of I/I in the Collection System**
- **Reduction of Violations at the POTW**
- **The Need for an Influent Sampler**

I/I in the Collection System:

The village has made attempts to identify and solve the I/I problems in the collection system. The West Side sewer project was completed in September of 2009. It included pipe bursting and replacement of 1050 feet of sewers and upgraded the sewers from eight and ten inch pipe to twelve-inch pipe. This has greatly reduced I/I and high flows to the plant during storm events. The bypass pump at the influent wet well has only been utilized once in the past two years for a total of 3-4 hours. This was during a large rain event on June 6th and 7th of 2010. Use of this pump is considered an illegal bypass under Part III, Section 11, Item A of your NPDES permit.

Violations:

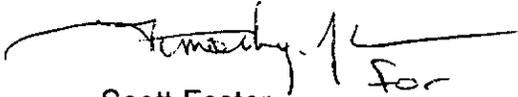
During our inspection, we discussed violations that have occurred at the wastewater facility in the past 24 months. The village has taken corrective actions to avoid further violations and has significantly reduced the number of permit violations.

Influent Sampling:

The village is currently using influent grab composite samples. The village stated during their inspection that they are going to install an automatic influent sampler during the upcoming plant upgrade. The Ohio EPA is currently working on the issuance of the PTI for this upgrade. The upgrade will include new influent pumps and an inline grinder for screenings and debris.

Attached is a copy of the inspection report. If you have any questions or comments, please feel free to call me at (740) 380-5227.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Foster", with a horizontal line extending to the right. Below the signature, the word "for" is written in a smaller, cursive script.

Scott Foster
District Representative
Division of Surface Water

SF/jg

Enclosure

- c: Chris Huebner
- c: Jeff Wiler
- c: Steve Shriner

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPB00028*FD	OH0021024	July 23, 2010	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of New Concord WWTP U.S. Route 40 and Cabin Hill Road New Concord, Ohio 43762	9:45 a.m.	July 1, 2009
	Exit Time	Permit Expiration Date
	12:10 p.m.	June 30, 2014

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Chris Huebner, Chief Operator Mr. Jeff Wiler, Operator Mr. Steve Shriner, Operator	(740) 826-7671
Name, Address and Title of Responsible Official	Phone Number
Mr. John Huey, Village Administrator 2 West Main Street, P.O. Box 10 New Concord, Ohio 43762	(740) 826-7671

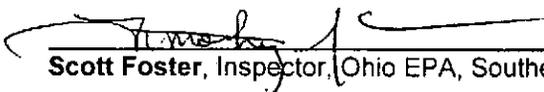
C. AREAS EVALUATED DURING INSPECTION

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

8/10/10

Date



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

8/10/10

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:

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: _____				X
e. Permittee is meeting compliance schedule				X

Comments:

G. OPERATION AND MAINTENANCE

Treatment Facility Properly Operated and Maintained	Yes	No	N/A	N/E
a. Standby power available: Generator _____ 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>2</u> Days/Week <u>5</u>	X			
e. Operator holds unexpired license of class required by permit Class: <u>3</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: <u>X</u> on MORS _____ 800 Number	X			
k. Any hydraulic and/or organic overloads experienced since last inspection	X			

Comments: k. Suspended Solids and NH3.
 c. Old clarifier converted to sludge holding, backwash and I/I tank. System is aerated.
 I. Plant bypass on June 6th and 7th, 2010. 3" of rain in an hour.

Collection System	Yes	No	N/A	N/E
a. Percent combined system: <u>0</u> %		X		

b.	Any collection system overflows since last inspection (CSO _____ SSO <u>X</u>)	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: I. West Side sewer project completed. 9/09
 J. June 6th and 7th, basement flooding.

H. SLUDGE MANAGEMENT

a. Sludge Management Plan (SMP): 2/14/2002 Submitted Date
 _____ Approval Number
 _____ Not submitted
 _____ N/A

	Yes	No	N/A	N/
b.	X			
c.	X			
d.			X	
e.	X			
f.		X		
g.	X			
h.	X			
i.	X			
j.		X		
k.	X			

Comments:

I. SELF-MONITORING PROGRAM

Part 1 - Flow Measurement		Yes	No	N/	N/
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 checked="" type="checkbox"/> ultrasonic & weir <input type="checkbox"/> Specify: _____	X			
b.	Calibration frequency adequate (date of last calibration: <u>8/14/2009</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: Flow read to 2.5 MGD.

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: Influent sampler in plant upgrade.

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	X			
	1. Parameters analyzed by commercial lab: <u>NO2 +NO3, O+G, P, Low Hg, TKN.</u>				
	2. Lab name: <u>Coshocton Environmental</u>				

Comments:

Part 3, Laboratory - Quality Control/Quality Assurance		Yes	No	N/A	N/
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: _____ N/A _____ Satisfactory					
_____ Marginal					
_____ Unsatisfactory					

Comments: Inspected June 30th, 2010, Ohio EPA DES.

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: