



State of Ohio Environmental Protection Agency

Southeast District Office

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

June 13, 2008

Re: Muskingum County
Village of New Concord
2008 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: 2008 Compliance Evaluation Inspection, Please respond by July 15, 2008.

Dear Mr. Huey:

On May 14, 2008, I conducted a Compliance Evaluation Inspection (CEI) at the New Concord WWTP. I was accompanied by Mr. Aaron Wolfe, DSW, SEDO, Ohio EPA; Mr. Phil Webb, DSW, SEDO, Ohio EPA; Mr. Jeff Wiler, Operator, Village of New Concord; Mr. Chris Huebner, Chief Operator, Village of New Concord; Mr. Don Johnson, Operator, Village of New Concord; Mr. John Morrow, Street Department Superintendent, Village of New Concord; and you. The following are comments from the inspection:

- **I/I in the Collection System**
- **Violations**
- **Permit Renewal**
- **Influent Sampling**
- **Upgrades**

I/I in the Collection System:

The village has made attempts to identify and solve the I/I problems in the collection system. Further investigation and remediation will be required to abate these conditions. Progress has been made with cross connection identification and installation of new manhole lids.

Violations:

During our inspection, we discussed violations that have occurred at the wastewater facility in the past 12 months. The village has taken corrective actions to avoid further violations. If violations continue, enforcement action will be used to address the continuation of non-compliance of the NPDES permit.

Permit Renewal:

The application for renewal of the NPDES permit has been sent for further processing. Ohio EPA did not deem it necessary to draft a permit renewal with a compliance schedule to abate the problems in the system. However, in the future, if problems persist, we may modify the permit to include a compliance schedule.

Influent Sampling:

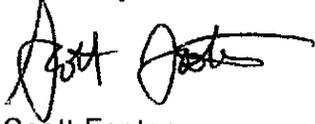
The village is currently using influent grab composite samples. The sample is taken at a manhole along Route 40. This is due to the large amount of grease build up in the influent wet well and the screening device being behind the influent pumps. Ideally, the sample would be taken after screening, but with the return sludge being discharged into the influent channel, this would not be a representative sample. In the future, the village should investigate a more suitable location for the sampling and the purchase of an automatic sampler.

Upgrades:

The village has made numerous upgrades and equipment purchases to obtain compliance with their NPDES permit. They are noted on the enclosed inspection report.

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

Sincerely,



Scott Foster
District Representative
Division of Surface Water

SF/dh

Enclosure

c: Chris Huebner
c: John Morrow

**NPDES
Compliance Inspection Report**

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPB00028*ED	OH0021024	May 14, 2008	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	12:50 p.m.	April 1, 2002
	Exit Time	Permit Expiration Date
	2:30 p.m.	March 31, 2007

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Chris Huebner, Chief Operator Mr. Jeff Wiler, Operator Mr. Don Johnson, 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</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>M</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

6/12/08

Date



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

6/12/08

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: New belt filter press for sludge processing.

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: Suspended Solids and CBOD5.
 Installed VFD's on influent pumps.
 Replaced oxidation ditch pumps.
 Installed new belt filter press.
 Eliminated bottleneck at secondary clarifiers with installation of new effluent pipes.
 Rebuilt tertiary filters.

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 _____)		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: Street Department responsible for sewer maintenance.
Dye and smoke testing has been performed. Camera work by Zemba Bros.
Lids for manholes. Catch basin rehabilitation.
Storm lines leaching into sanitary have been defined and slated for repair.

H. SLUDGE MANAGEMENT

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

	Yes	No	N/A	N/E
b. Sludge Management Plan current	X			
c. Sludge adequately disposed (Method: <u>Landfill</u>)	X			
d. If sludge is incinerated, where is ash disposed of? _____			X	
e. Is sludge disposal contracted (Name: <u>Zemba Bros.</u>)	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: Sludge Management Plan being updated.

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 checked="" type="checkbox"/> ultrasonic & weir <input type="checkbox"/> Specify: _____	X			
b.	Calibration frequency adequate (date of last calibration: <u>8/16/2007</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: Calibration annually, 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: Sampler should be purchased for Influent sampling.

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</u>				
	2. Lab name: <u>Coshocton Environmental</u>				

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: _____ N/A _____ Satisfactory _____ Marginal _____ 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: