



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

March 8, 2007

Re: Muskingum County
Village of New Concord
CEI
Permit No. 0PB00028*ED
NPDES No. OH0021024
Correspondence (PWW)

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

Dear Mr. Huey:

On February 20, 2007, Tim Campbell and I conducted a compliance evaluation inspection at the Village of New Concord wastewater treatment facility. We were accompanied by Chris Hubner, Jeff Wiler, and you. The following are the recommendations and comments from the inspection:

1. There was a lot of floatable grease in the influent wet well. Grease can coat ball floats and structures in the facility and cause operational problems. Investigation should be attempted to find the cause of the grease. You could possibly coordinate with your local health department to insure that contributors of grease have grease traps and that regular maintenance is conducted on them.
2. You currently have 3 constant speed influent pumps which work on a ball float system and give an irregular flow to the plant. The installation of one or more variable frequency drives would allow the operator to have a constant flow through the plant and provide a more efficient process control. **Also**, during our inspection, it was discovered that the operator didn't know how much flow could be safely processed through the facility without solids loss and disruption of treatment. A wet weather stress test should be performed on your facility. This will allow maximum treatment of flows on wet weather days. It will also reduce the number of treatment bypasses that occur by starting a rain event with an empty collection system and increasing your storage capacity.
3. Some work has been completed on controlling inflow and infiltration in the collection system. Because the I/I causes bypasses at the treatment plant, we asked you to aggressively pursue abatement of the sources. In response to this letter, please provide a dated schedule of the work to be completed. Your immediate attention to this situation is warranted since every bypass at the plant subjects the village to monetary penalties up to \$10,000 per day.

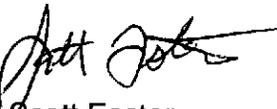
4. It was discussed that improvements to the head works were being planned. Grit removal and trash removal are important for protection to plant equipment and process control. **Also**, the old body of the comminutor should be removed from the flow channel and a modification to the bar screen was discussed.
5. Improvements to the sludge process are needed for proper solids wasting. The aerobic digester is presently being used for storage. It has a capacity of 55,000 gallons. All the biobags were full. Both ditches were online with 3 out of the 4 recirculation pumps offline due to a malfunction. The empty clarifier that was the previous final clarifier was discussed for possible sludge storage and that each ditch would handle 440,000 gallons of sewage. We also discussed that once the solids in the plant were reduced, that only one ditch would be online and that the other would also be used for storage and overflow. The feasibility of this should be researched further.
6. The bench sheets for wastewater analysis are currently being stored at the water plant. Please store all pertinent information pertaining to the wastewater plant at the treatment facility for future inspections.
7. There was bulking sludge and debris floating on the surface of the tertiary filters due to a problem that was occurring with the wash system for the filters. **Also**, there was a hose on the traveling wash unit that needed repair.

We closed our inspection with the discussion of future I/I abatement and dye and camera work in the collection system.

Overall, with the items marked on the inspection form, I rate this facility as marginal. Please respond to this letter by April 1, 2007.

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

Sincerely,



Scott Foster
Environmental Specialist 2
Division of Surface Water

SF/dh

Enclosure

c: Chris Hubner, Class 3 Operator
c: Jeff Wiler, Class 2 Operator

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PB00028*ED	OH0021024	February 20, 2007	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of New Concord WWTP US Route 40 and Cabin Hill Road New Concord, Ohio 43762	10:00 AM	April 1, 2002
	Exit Time	Permit Expiration Date
	12:30 PM	March 31, 2007

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Chris Hubner, Class 3 Operator Jeff Wiler, Class 2 Operator	740-255-6385 -----
Name, Address and Title of Responsible Official	Phone Number
John Huey, Village Administrator, 2 West Main Street, 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>M</u> Operations & Maintenance	<u>M</u> Effluent/Receiving Waters	<u>M</u> Self-Monitoring Program
<u>M</u> Facility Site Review	<u>M</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)

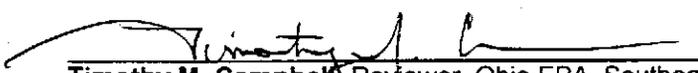
See attached letter.



Scott Foster, Inspector, Ohio EPA, Southeast District Office

3/2/07

Date



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

3-6-07

Date