



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

December 12, 2007

Re: Athens County
Village of Chauncey
Compliance Inspection
NPDES Permit 0PB00006*GD
Correspondence (PWW)

Mayor and Council
Village of Chauncey
42 Converse Street
Chauncey, Ohio 45719

Dear Mayor and Council:

On November 14, 2007 I conducted a compliance evaluation inspection of the Village of Chauncey waste water treatment plant. Steve Grant accompanied me during the inspection and represented the Village of Chauncey. The purpose of the inspection was to determine if the wastewater treatment system was meeting the terms and conditions set forth in the NPDES Permit.

The following observations were made during the inspection.

1. At the time of the inspection, the clarifiers were in need of repair and cleaning. The weirs were leaking and uneven. Significant amounts of solids were floating to the surface and flowing over the weirs and significant growths of algae had formed in the effluent troughs.

Part III, Section 3, Item A of your NPDES Permit states "At all times, the permittee shall maintain in good working order... all treatment or control facilities..." As part of your response to this letter, please include, for Ohio EPA review, a plan to conduct necessary repairs to the clarifiers. Also include in the plan a routine maintenance schedule for the clarifiers.

2. There was no sludge blanket measuring device available to the operators to determine the depth of sludge in the clarifiers. Mr. Grant stated that the sludge is drawn off at a set schedule. Variable flow rates and characteristics render this type of sludge management difficult and ineffective. In order for the operator(s) to better monitor and operate the WWTP, I encourage the Village of Chauncey to invest in a sludge blanket measuring device to be kept on hand at the WWTP.
3. A large amount of plastics, rags and other large solids had accumulated in the wet well, despite a recent cleaning according to Mr. Grant. The solids had been deposited as high as the working ledge, posing a risk to workers entering the wet

well. The substantial accumulation of solids could also lead to maintenance issues with the influent pumps. I recommend that the Village of Chauncey evaluate the installation of a grit removal/screening unit in the treatment train, prior to the wet well.

4. The influent pumps appeared to be in an advanced state of deterioration, likely due to the age of the pumps. Waste water was leaking from several flanges and gaskets at the time of the inspection, resulting in roughly an inch of waste water accumulating on the floor. A small sump pump was being used to pump the waste water back into the WWTP via a garden hose.

Part III, Section 3, Item A of your NPDES Permit states "At all times, the permittee shall maintain in good working order...all treatment or control facilities..." As part of your response to this letter, please include, for Ohio EPA review, a plan to evaluate the condition of the existing influent pumps. In the plan include a schedule for the evaluation and repairs/replacement of the pumps if deemed necessary.

5. During the inspection, a significant amount of algae and other solids were observed in the chlorine contact basin. As with the issued cited in Item 1, please establish a routine maintenance schedule to maintain the chlorine contact basin in good working order. Include a draft of this schedule in your response for review.

Please respond to this letter within thirty (30) days of receipt. A copy of my inspection report is enclosed. If you have any questions or concerns, feel free to contact me at (740) 380-5226.

Sincerely,



Patrick Hudnall
Division of Surface Water

PH/dh

Enclosure

c: Steve Grant, Village of Chauncey

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PB00006	OH0024368	November 14, 2007	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Chauncey WWTP 42 Converse Street Chauncey, Ohio 45719	9:00 AM	June 1, 2005
	Exit Time	Permit Expiration Date
	10:00 AM	May 31, 2010

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Steve Grant, Operator	740-797-2204
Name, Address and Title of Responsible Official	Phone Number
Mayor and Council Village of Chauncey	740-797-2204

C. AREAS EVALUATED DURING INSPECTION

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



 Patrick Hudnall, Inspector, Ohio EPA, Southeast District Office

12/11/07

 Date



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

12/12/07

 Date