



State of Ohio Environmental Protection Agency

Southeast District Office

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Logan, Ohio 43138

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

November 14, 2008

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 October 21, 2008, Tim Campbell and I conducted a compliance evaluation inspection of the Village of Chauncey waste water treatment plant. Mike Walls accompanied us 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 northeast clarifier was in need of repair and cleaning. The weir was leaking and uneven and significant amounts of solids and algae had accumulated in the clarifier.

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.

Mr. Walls indicated that the southwest clarifier underwent recent repairs to fix similar issues and the northeast clarifier was scheduled to be completed in the near future. The village needs to expedite these repairs to ensure the WWTP operates as efficiently as possible.

2. At the time of the inspection, Mr. Walls indicated that the digester was full and he could not waste anymore solids from the WWTP to the digester. Solids handling is an integral part of properly operating a WWTP, and if solids are not routinely wasted to the digester, effluent limit violations may result. The village needs to

empty the digester as soon as possible to allow Mr. Walls to continue to operate the WWTP as efficiently as possible. In your response to this letter, please explain the village's plans to empty the digester.

3. At the time of the inspection, one of the aeration rotors in the oxidation ditch was inoperable. Mr. Walls indicated that the bearings had failed and he was having the unit repaired.

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 aeration wheel.

4. At the time of the inspection, the WWTP had been without a composite sampler for approximately 3 weeks, according to Mr. Walls. Mr. Walls indicated that the village had purchased another composite sampler, but it had not been installed yet.

Part I, Section A of the permit requires 24-hour composite samples to be collected twice per week for several pollutants and once per month for others. Failure to collect effluent samples as required is a violation of Part II, Item F of the permit.

The village must immediately install the automatic sampler or manually collect samples over a 24-hour period to comply with the requirements of the permit.

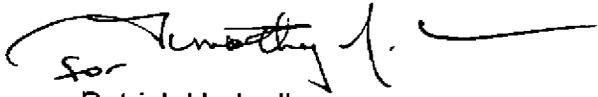
5. During the inspection, Mr. Walls indicated that he was the only village employee currently employed to oversee the WWTP, sanitary sewer collection system, water treatment plant, and water distribution system (including meter reading). According to the Village of Chauncey Operations and Maintenance Manual that was prepared in June 1994, one full-time employee and one half-time employee are required to adequately operate the WWTP and maintain the sanitary sewer collection system.

Part II, Item B of your NPDES Permit states "The plant must be staffed and operated in accordance with the Ohio EPA approved Operations and Maintenance Manual." As part of your response to this letter, please include, for Ohio EPA review, a plan to ensure proper staffing is provided to adequately operate the WWTP and sanitary sewer collection system.

Village of Chauncey
Page 3

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, please contact Tim Campbell at (740) 380-5426.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick Hudnall". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Patrick Hudnall
Division of Surface Water

PH/dh

Enclosure

c: Mike Walls, Village of Chauncey

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PB00006*GD	OH0024368	October 21, 2008	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	2:00 p.m.	June 1, 2005
	Exit Time	Permit Expiration Date
	3:00 p.m.	May 31, 2010

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mike Walls, Operator	(740) 797-2301
Name, Address and Title of Responsible Official	Phone Number
Mayor and Council Village of Chauncey 42 Converse Street Chauncey, Ohio 45719	(740) 797-2031

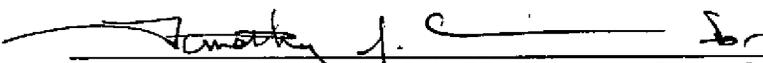
C. AREAS EVALUATED DURING INSPECTION

<u> S </u> Permit	<u> S </u> Flow Measurement	<u> N/A </u> Pretreatment
<u> S </u> Records/Reports	<u> S </u> Laboratory	<u> S </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> U </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)

Please see attached inspection letter.


Patrick Hudnall, Inspector, Ohio EPA, Southeast District Office

11/14/08
Date


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

11/14/08
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:

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>0PC00019*FD</u>	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: <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: No. of shifts: <u>1</u> Days/Week: <u>7</u>	X			
e. Operator holds unexpired license of class required by permit Class: <u>III</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 No.			X	
k. Any hydraulic and/or organic overloads experienced since last inspection	X			

Comments: c. Grit removal unit was not operating.
 g. Grit removal unit was not operating.
 k. Severe I/I flow experienced at the WWTP.

Collection System	Yes	No	N/A	N/E
a. Percent combined system: <u>0</u> %				
b. Any collection system overflows since last inspection: CSO _____ SSO: <u>1</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: h. Copeland station has generator, others have no standby power. Village must rent pumps/generators if lift stations malfunction.

H. SLUDGE MANAGEMENT

	Yes	No	N/A	N/E
a. Sludge adequately disposed (Method: <u>Landfill</u>)		X		
b. If sludge is incinerated, where is ash disposed of? _____		X		
c. Is sludge disposal contracted (Name: <u>Pike Sanitation</u>)	X			
d. Has amount of sludge generated changed significantly since last inspection		X		
e. Adequate sludge storage provided at facility	X			
f. Land application sites monitored and inspected per state rules			X	
g. Records kept in accordance with state rules	X			
h. Any complaints received in last year regarding sludge		X		
i. Is sludge adequately processed (digestion, dewatering, pathogen control) in accordance with Ohio EPA rules			X	

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: _____ ultrasonic & parshall flume _____ calculated from influent _____ weir <u>X</u> other _____ ultrasonic & weir specify: Capacitance Probe	X			
b. Calibration frequency adequate (date of last calibration: <u>Sept. 2008</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: <u>X</u> Daily _____ Weekly _____ Monthly _____ Other				

Comments: d. Influent can only read to 2 MGD. Past flows have exceeded 2 MGD.
 e. Effluent meter is not calibrated properly.

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				
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>O&G, metals, nutrients</u>	X			
2. Lab name: <u>MASI</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: <u>N/A</u> _____ 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	None	

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: