



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

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

December 17, 2008

**Re:** Ross County  
City of Chillicothe  
Compliance Inspection  
Correspondence (PWW)

Mayor and Council  
City of Chillicothe  
35 South Paint Street  
Chillicothe, Ohio 45601

Dear Mayor and Council:

On December 9, 2008, I conducted a Compliance Evaluation Inspection (CEI) at the Chillicothe Wastewater Treatment Plant. The purpose of the inspection and sampling was to determine the facility's compliance status with the terms and conditions of NPDES Permit Number OPD00003\*LD. Mr. Wayne Grigsby, Plant Superintendent was present during the inspection.

As a result of my inspection, the following observations were made.

1. All components of the treatment plant were inspected and appeared to be well maintained and in satisfactory condition. At the time of my inspection, one grit chamber was down for repairs and one trickling filter was recently taken off line to alter the secondary treatment process to improve ammonia removal.
2. An inspection of the laboratory showed the facility to be neat and orderly with all instrumentation properly maintained. At the time of my inspection SOPs for all in house analysis have been completed and are ready for drafting into a common binder. Upon discussion with Shanna Bennett, lab technician it was emphasized that a QA/QC manual should be completed soon and those measures implemented. Review of DMRQA #28 test conducted in 2008 showed all results acceptable.

The effluent was found to be relatively clear and free of any objectionable odors and the facility to be in substantial compliance with the terms and conditions of your NPDES permit. Enclosed is a copy of my detailed inspection report.

If you have any questions please call me at (740) 380-5416.

Sincerely,



Jake Greuey  
District Representative  
Division of Surface Water

JJG/dh

Enclosure

c: Wayne Grigsby, Superintendent

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PD00003*LD	OH0024406	December 9, 2008	C	S	1

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Chillicothe WWTP 405 Environmental Way Chillicothe, Ohio 45601	1:30 p.m.	February 1, 2004
	Exit Time	Permit Expiration Date
	3:00 p.m.	January 31, 2009

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Wayne Grigsby, Plant Superintendent	(740) 774-1223
Name, Address and Title of Responsible Official	Phone Number
Mayor and Council City of Chillicothe 35 S. Paint Street Chillicothe, Ohio 45601	

**C. AREAS EVALUATED DURING INSPECTION**

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

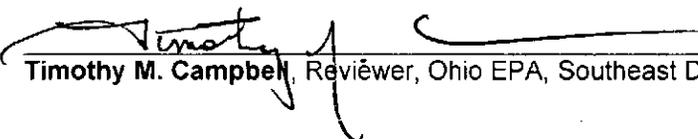
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

**D. SUMMARY OF FINDINGS/COMMENTS** (attach additional sheets if necessary)

See attached letter.

  
\_\_\_\_\_  
Jake Greuey, Inspector, Ohio EPA, Southeast District Office

12/15/08  
\_\_\_\_\_  
Date

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

12/16/08  
\_\_\_\_\_  
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>NPDES</u>	X			
e. Permittee is meeting compliance schedule	X			

Comments: \*Total Residual Chlorine violations in June and July which have been corrected.

**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: _____ Days/Week: _____	X			
e. Operator holds unexpired license of class required by permit Class: _____	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:





**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:**