



State of Ohio Environmental Protection Agency

Southeast District Office

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

October 23, 2009

Re: Jackson County
City of Wellston
(North WWTP)
Compliance Evaluation Inspection
Correspondence (PWW)

Mayor and Council
City of Wellston
203 East Broadway
Wellston, Ohio 45692

Dear Mayor and Council:

On September 10, 2009, I conducted a Compliance Evaluation Inspection at the City of Wellston North WWTP. The purpose of the inspection was to determine your compliance status with terms and conditions of National Pollutant Discharge Elimination System (NPDES) permit number OPC00013*KD. During the inspection, the effluent visually seemed to be in compliance with the permit. The Vertical Loop Reactor had 2 of 3 basins online and 1 of 2 clarifiers in operation. Sludge was being managed in a timely manner with storage capacity provided at multiple locations. The following items need attention.

In review of submitted monitoring data since June 1, 2008, the following are numerical limit violations.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	01119	Copper, Total Recoverable	30D Conc	20	44.	11/1/2008
001	01119	Copper, Total Recoverable	1D Conc	34	44.	11/5/2008
001	00300	Dissolved Oxygen	1D Conc	7.0	6.91	1/4/2009
001	00300	Dissolved Oxygen	1D Conc	7.0	6.18	1/6/2009
001	80082	CBOD 5 day	30D Qty	54.5	63.4331	2/1/2009
001	80082	CBOD 5 day	7D Qty	81.8	224.610	2/1/2009

Permit OPC00013*KD requires the Owner to report non-compliance as directed by Part III.12.E which shall contain information listed in Part III.12.B and Part III.12.C. Please review the requirements for reporting non-compliance and provide the appropriate correspondence.

In Part I, C – Schedule of Compliance number 2, an Infiltration/Inflow Control Plan was to be submitted by July 1, 2009. The study is yet to be received. Please follow up with correspondence that identifies the status of this plan.

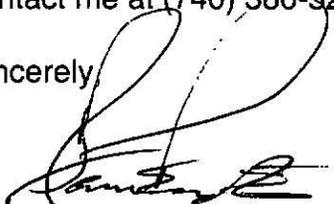
Refrigerated composite samplers should have a thermometer maintained at each sampler to identify the samplers internal temperature prior to compositing and upon collection. This data is to be recorded and maintained as quality assurance of self reported monitoring results.

The pH meter is to be calibrated using buffers appropriate to the expected pH of the sample. If the effluent sample is typical 7.5, then choose a 7 and 10 buffer. Record slope on bench sheets for the pH meter.

We understand that the current reporting is being entered and pinned by Matt Lusk, Chief Operator. The reports submitted for an NPDES permit have the signatory requirements described in 40 CFR 122.22. Sanitary Sewer Overflows which primarily occur in the collection system are relayed through Steve Bocook, Collections Superintendent. In this circumstance, and many similar, we are requesting that the mayor or duly authorized agent provide the final pin for the submitted data. Ideally, I would recommend that the mayor meet with both Matt and Steve at the WWTP once per month prior to pin to get an update of plant or system deficiencies.

A copy of our inspection report is enclosed. The assistance and cooperation received during the inspection was appreciated. If you have any questions, please feel free to contact me at (740) 380-5272.

Sincerely,



Aaron Pennington
District Representative
Division of Surface Water

AMP/dh

Enclosure

c: Matt Lusk, Chief Operator, City of Wellston WWTP

NPDES
Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPC00013*KD	OH0023507	September 10, 2009	C	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of Wellston (North) WWTP 1100 South Rhode Island Avenue	9:00 a.m.	July 1, 2008
	Exit Time	Permit Expiration Date
	11:30 a.m.	July 31, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Matt Lusk, Chief Operator Class III Tom Brandau, Operator Class III	(740) 384-5447
Name, Address and Title of Responsible Official	Phone Number
Edward Hayburn, Mayor Mark Jacobs, Service Director	

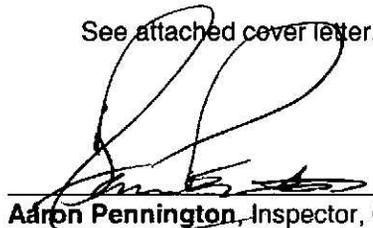
C. AREAS EVALUATED DURING INSPECTION

<u> </u> S Permit	<u> </u> S Flow Measurement	<u> </u> NA Pretreatment
<u> </u> S Records/Reports	<u> </u> S Laboratory	<u> </u> M 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> N Collection System		

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated; N/A = Not Applicable)

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

See attached cover letter.



Aaron Pennington, Inspector, Ohio EPA, Southeast District Office

10-22-09
Date



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

10/23/09
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: *However, Peaking Factor has been greater than 6.

F. COMPLIANCE SCHEDULES/VIOLATIONS

	Yes	No	N/A	N/E
a. Any significant violations since the last inspection <u>8/29/06</u>	X			
b. Permittee is taking actions to resolve violations	X			
c. Permittee has compliance schedule	X			
d. Compliance schedule contained in: <u>Permit</u>	X			
e. Permittee is meeting compliance schedule		X*		

Comments: *Inflow and Infiltration Study due July 1, 2009 is still not received.

G. OPERATION AND MAINTENANCE

Treatment Facility Properly Operated and Maintained	Yes	No	N/A	N/E
a. Standby power available: _____	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: <u>2 employees</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: *Blower was out during last inspection; a second blower has since been installed along with repairs to the old blower.

Collection System	Yes	No	N/A	N/E
a. Percent combined system: _____ %				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: Collection system is overseen by Steve Bocook.

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: _____)		X		
d. Has amount of sludge generated changed significantly since last inspection ~180 ton/hr		X		
e. Adequate sludge storage provided at plant	X			
f. Land application sites monitored and inspected per SMP			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 – dewatered and landfilled	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: <u> X </u> ultrasonic & parshall flume _____ calculated from influent _____ weir _____ other _____ ultrasonic & weir _____ specify:	X			
b. Calibration frequency adequate – check accuracy monthly, correct if needed. Per phone conversation on 10/21/09, last checked 10/7/09	X			
c. Secondary instruments (recorders) properly operated and maintained (Andover Controls)	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				

