



State of Ohio Environmental Protection Agency

Southeast District Office

2195 Front Street
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490
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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

May 14, 2009

Re: Belmont County
City of St. Clairsville
Reconnaissance Inspection
Ohio EPA Permit #0PC00014*ED
Correspondence (PWW)

Mayor and Council
City of St. Clairsville
100 N. Market Street
St. Clairsville, Ohio 43950

Dear Mayor and Council:

On April 23, 2009, I conducted a Reconnaissance Inspection at the City of St. Clairsville's 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 0PC00014*ED. Mr. Josh Goodridge, Plant Superintendent was present during the inspection.

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

1. Upon review of the past compliance inspection conducted on December 2003 by your District Representative, Abbot Stevenson, it was noted that your plant comminutor was out of service. At the time of my inspection, it was observed that the former comminutor had been removed and the only means of screening was through a coarse bar screen. According to Part III, Item 3, all wastewater treatment works shall be properly operated and maintained at all times. The headworks system also contained a pista grit removal system which was providing effective removal of grit and coarse solids. Please provide an update to your district representative as to efforts that will be taken to replace the comminutor.
2. At the time of my inspection, all RBC units were in full operation as well as all other treatment units with exception to the two equalization tanks.
3. Inspection of the two final clarifiers showed a moderate buildup of sludge and algae on the weirs and baffles. It was discussed with Mr. Goodridge that cleaning of the weirs and baffles should be done as needed to prevent buildup of algae on the weirs and trough which may lead to solids violations. According to Part III, Item 3 the permittee shall properly maintain and operate all treatment components to assure compliance to your permit.

4. Inspection of the chlorine gas room showed the room to be adequately ventilated and provided with a chlorine gas monitor mounted outside of the room. The chlorine contact tank was found to be relatively clean with minimal algae growth on the walls and the water surface clear.
5. At the time of my inspection it was unknown when the effluent flow meter was last calibrated. It was discussed with the plant superintendent that the facility flow meters shall be calibrated at least once a year including the plant chart recorder.
6. During my inspection, a discussion was held with lab technician, Julie Bell, regarding in house laboratory analysis as well as sampling procedures. It was also found during my laboratory inspection and discussion that the fecal coliform samples are not being properly de-chlorinated prior to analysis. Upon sample collection the fecal coliform samples shall be properly de-chlorinated with a sodium thiosulfate tablet or equivalent to ensure no residual chlorine remains in the sample. Proper wastewater analysis shall be done in accordance to 40 CFR Part 136.

Information was provided by Mr. Goodridge at the time of my inspection verifying that all lift stations have been equipped with telemetry to monitor any potential problems. The village also recently completed a major sewer relining project of the gravity line from the East Main Street force main termination point to the plant.

Please provide a response to your district representative within **30** days upon receipt of this letter as to how the above issues will be addressed. Attached to this letter is a copy of my detailed inspection report for your review.

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

Sincerely,



Jake Greuey
Division of Surface Water

JJG/dh

Enclosure

c: Josh Goodridge, Plant Superintendent, City of St. Clairsville
c: Abbot Stevenson, OEPA, DSW, SEDO

**NPDES
Compliance Inspection Report**

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PC00014*ED	OH0027294	April 23, 2009	R	S	1

B. FACILITY DATA

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of St. Clairsville Wastewater Treatment Plant Legion Road Extension St. Clairsville, Ohio 43950	1:00 p.m.	July 1, 2003
	Exit Time	Permit Expiration Date
	2:30 p.m.	June 30, 2008

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Josh Goodridge, Plant Superintendent	
Name, Address and Title of Responsible Official	Phone Number
Mayor and Council 100 N. Market Street P.O. Box 537 St. Clairsville, Ohio 43950	

C. AREAS EVALUATED DURING INSPECTION

- | | | |
|-----------------------------------|------------------------------------|----------------------------------|
| <u>S</u> Permit | <u>M</u> Flow Measurement | <u>N</u> Pretreatment |
| <u>S</u> Records/Reports | <u>M</u> Laboratory | <u>N</u> Compliance Schedules |
| <u>S</u> Operations & Maintenance | <u>S</u> Effluent/Receiving Waters | <u>S</u> Self-Monitoring Program |
| <u>S</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 letter.

Jake Freuey
Jake Freuey, Inspector, Ohio EPA, Southeast District Office

5/15/09
Date

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

5/18/09
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:

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 0PP00050*CD</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: # of shifts <u>1</u> Days/Week <u>5*</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 Number			X	
k. Any hydraulic and/or organic overloads experienced since last inspection		X		

Comments: *Four operators including one full time lab technician for day shift operation.

