



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

June 1, 2010

Re: Belmont County
Barnesville WWTP
Ohio EPA Permit #OPC00001*HD
Reconnaissance Inspection
Correspondence (PWW/Major)

Mayor and Council
Village of Barnesville
132 N. Arch Street
Barnesville, Ohio 43713

Dear Mayor and Council Members:

On April 27, 2010, Tim Campbell, Kelly Capuzzi and I conducted a Reconnaissance Inspection at the Village of Barnesville's wastewater treatment plant (WWTP). Gary Billman, WWTP Superintendent, Dave McMillien, Operator, Roger Deal, Village Administrator, Bill Morgan, Public Works Director, and represented the village during the plant inspection. The purpose of the inspection was to follow up on the meeting earlier that day with the persons listed above, the Mayor and council member Ron Bischof, regarding Barnesville's impact on Captina Creek, the status of the sludge facilities construction project and the wastewater treatment plant's status of compliance with the NPDES permit. A copy of the inspection report form is attached.

Based on the inspection and file review, the facility was found to be in non-compliance with the permit on the day of the inspection, due to items listed below. The following comments/problems were noted as a result of the inspection:

1. **Effluent/Receiving Waters** - required by Part I, A of the NPDES permit.
 - a. The following effluent violations occurred in the first quarter of 2010 and will result in Barnesville being placed on the Ohio EPA Quarterly Non-Compliance Report sent to US EPA:

Outfall	Parameter	Type	Units	Limit	Reported	Date
<i>January 2010:</i>						
001	Total Suspended Solids	30D Conc	mg/L	30	35.9	1/1/2010
001	Total Suspended Solids	30D Qty	Kg/day	148	221.6	1/1/2010
001	Total Suspended Solids	7D Conc	mg/L	45	51.7	1/15/2010
001	Total Suspended Solids	7D Qty	Kg/day	221	272.6	1/15/2010

Outfall	Parameter	Type	Units	Limit	Reported	Date
001	Total Suspended Solids	7D Conc	mg/L	45	57.3	1/22/2010
001	Total Suspended Solids	7D Qty	Kg/day	221	513.3	1/22/2010
001	CBOD 5 day	7D Qty	Kg/day	197	203.9	1/22/2010
<i>February 2010:</i>						
001	Total Suspended Solids	30D Conc	mg/L	30	43.5	2/1/2010
001	Total Suspended Solids	30D Qty	Kg/day	148	201.0	2/1/2010
001	Total Suspended Solids	7D Conc	mg/L	45	106.7	2/22/2010
001	Total Suspended Solids	7D Qty	Kg/day	221	578.5	2/22/2010
<i>April 2010:</i>						
001	Nitrogen, Ammonia	7D Conc	mg/L	3.0	3.8	4/22/2010

- b. Ohio EPA agrees with Barnesville that the sludge facilities upgrade which is currently under construction will significantly improve compliance with the effluent limitations. However, we believe there are operational changes that may reduce the risk of violation that could be implemented now. We strongly suggest you contact Keith Kroeger of Ohio EPA's Compliance Assistance Unit (CAU) for technical advice, at (614) 836-8778.

2. **Reporting Requirements** - required by Part III, 12 of the NPDES permit.

As stated in the last inspection, Part III, Item 12 of the permit requires written notification of effluent violations within 5 days of discovery of the violation. There is specific information required to be submitted in writing, including an explanation of the cause of the violations and actions taken or to be taken to remedy the violations, which is not being submitted. The operator is submitting some information but is not addressing all of the items required by Part III, item 12.

3. **Certified Operator – Operator of Record**

- a. In the last inspection report I mistakenly told you that the operator of record is required by the Operator Certification rules, OAC 3745-07-04, to be physically present at the WWTP five days a week for a total of 20 hours. This will not be required until the permit is renewed in January 2013. However, if your operator of record is required to be present at the water treatment plant 40 hours a week, when is he at the wastewater treatment plant?
- b. We will schedule a follow up inspection this summer. One of the reasons will be to review your facility log book required by OAC 3745-07-09, which states, at a minimum, the following information shall be recorded [in the log book]:

- (1) Identification of the public water system, sewerage system, or treatment works;
- (2) Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
- (3) Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced;
- (4) Results of tests performed and samples taken, unless documented on a laboratory sheet;
- (5) Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage or water conveyed, effluent or water produced; and
- (6) Identification of the persons making entries.

Please respond to comments 1 through 3 above, in writing, within 20 days of receipt of this notice. If you have any questions, please contact me at (740) 380-5284.

Sincerely,



Ms. Abbot Stevenson
Environmental Engineer
Permits and Enforcement Section
Division of Surface Water

AS/dh

Enclosure

c: Roger Deal, Village of Barnesville Administrator (w/enclosure)
c: Gary Billman, Plant Supt., Village of Barnesville WWTP (w/enclosure)
c: AS file

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PC00001*GD	OH0024015	April 27, 2010	R	S	1

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Barnesville Wastewater Treatment Plant County Road 122 and Township Road 27 Barnesville, Ohio 43713	11:00 a.m.	August 1, 2008
	Exit Time	Permit Expiration Date
	12:30 p.m.	January 31, 2013

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Gary Billman, WWTP Supt. Bill Morgan, Public Works Director Roger Deal, Village Admin.	(740) 425-1681 or 3079
Name, Address, & Title of Responsible Official	Phone Number
Mayor Tom Michelli and Council Members Village of Barnesville 132 Arch Street Barnesville, Ohio 43713	(740) 425-3444

C. AREAS EVALUATED DURING INSPECTION

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

1. Records/Reports - See letter Items 2 and 3.
2. Effluent/Receiving Waters - See letter Item 1.
3. Operations and Maintenance - See letter Item 1b.


Abbot Stevenson, Inspector, Ohio EPA, Southeast District Office

6/1/10
Date


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

6/1/10
Date