



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

September 19, 2007

**Re:** Belmont County  
Bethesda WWTP  
Compliance Evaluation Inspection  
Ohio EPA Permit #OPB00001\*FD  
NPDES Permit #OH0021121  
Correspondence (PWW)

Mayor and Council  
Village of Bethesda  
P.O. Box 95  
Bethesda, Ohio 43719

Dear Mayor and Council Members:

On July 3, 2007, I conducted a Compliance Evaluation Inspection (CEI) at the Village of Bethesda's wastewater treatment plant (WWTP). TCCI, Inc. contract operators Tim Shoemaker and Gary Bennett, Village Administrator Tim Zdanski and village employees James Powell and Dave Green were present for the inspection. The purpose of the inspection was to determine the facility's compliance status with the terms and conditions of the NPDES permit, federal number OH0021121, state number OPB00001\*FD. Wastewater samples were not taken. A copy of the inspection report form is attached.

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

1. Ohio EPA's new operator certification rules will not require a change to your certified operator status that was in place as of 12/21/07. This means that you can continue with a contract operator working the hours of the original contract and you have a class I wastewater operator working for Bethesda full time (duties may be split among village responsibilities). Since you do not currently have a class I on site, you are in violation of the rule. You must obtain the services of a class I as soon as possible but no later than June 1, 2008. It is my understanding that both Jim Powell and Dave Green are working to become class I operators. Hopefully, one or both will be successful. If not, you will be required to hire a class I operator.

Bethesda's certified operator level will remain a class II under the new rules. By December 21, 2008, Bethesda will be required to meet the staffing hours' portion of the rules. The class II operator will be required at that time to be at the WWTP at least 5 days a week for at least 20 hours. This time can be reduced to 10 hours

a week if there is a class I operator on site for 4 hours a day 5 days a week. Please provide a copy of the contract between the village and your contract operator.

2. At the time of the inspection, the plant had a high inventory of sludge. The clarifiers had signs of old sludge and the digester level was elevated. This significantly affects the operation of the wastewater treatment plant. If the inventory has not been reduced this should be done as soon as possible.
3. Bethesda needs to evaluate their compliance with Ohio EPA's sludge regulations. A link to the regulations is provided below. What pathogen reduction and vector attraction reduction methods are being met by your treatment plant?

[http://www.epa.state.oh.us/dsw/rules/final\\_sludge.html](http://www.epa.state.oh.us/dsw/rules/final_sludge.html)

4. The sampler appears to be a portable type without refrigeration capability. It is also not flow proportioned. A permanent refrigerated sampler needs to be used to comply with Standard Methods as required by U.S. EPA regulations.
5. Bethesda needs to ensure that the fecal coliform samples comply with the 6 hour holding time as required by U.S. EPA's Standard Methods.
6. It is required that your flow meter and your lab equipment be calibrated annually. When were the flow meter and the lab equipment calibrated last?
7. One of the return sludge pumps and the return activated sludge (RAS) flow meter were not working on the day of the inspection. These should be repaired as soon as possible. The chlorine mixer and the influent flow meter should also be repaired, as the NPDES permit requires the permittee to maintain all equipment.
8. During the inspection the operators and I discussed that the plant was designed to handle high flows during rain events through a special operational mode. That process is described in the Operations and Maintenance Manual. If the operators do not have access to a copy of this document, please contact us for copies. Also, Bruce Goff of our staff was involved in the review of the plan for the WWTP and he is knowledgeable about its operation. He can be reached at (740) 280-5238.
9. The NPDES permit contains a compliance schedule for Inflow and Infiltration (I/I) control. Bethesda was to submit an I/I Control Plan by September 1, 2007. Ohio EPA has not yet received this plan. Bethesda is in non-compliance with the compliance schedule of the permit.
10. Bethesda violated the effluent limits contained in the NPDES permit on the following occasions:

March 2007: Total Suspended Solids, week #2 average concentration and loading; Total Suspended Solids, monthly average concentration and loading; cBOD5, week #2 average loading; and

May 2007: Chlorine, 5/7/07 and 5/8/07 daily maximum concentration; and Dissolved Oxygen, daily maximum concentration 5/21/07.

A lot of work has been done to repair and maintain this plant in the last few months. There are, however, some outstanding issues that need to be addressed. Please respond to recommendations 1 through 10 above within 20 days of receipt of this notice.

If there are 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

c: Tim Zdanski, Administrator, Village of Bethesda  
c: TCCI Laboratories, Inc.  
c: AS file

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PB00001*FD	OH0021121	7/3/07	C	S	1

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Bethesda WWTP Waterworks Rd. Bethesda, OH 43719	10:00 am	9/1/06
	Exit Time	Permit Expiration Date
	Noon	8/31/11

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Tim Zdanski, Village Administrator; Jim Powell and Dave Green, Operators Tim Shoemaker, Contract Class II Operator and Gary Bennett, Operator, TCCI Labs	740/484-1250 800/686-3519
Name, Address and Title of Responsible Official	Phone Number
Mayor Scott Blake Village of Bethesda P.O. Box 95 Bethesda, OH 43719	740/484-1250

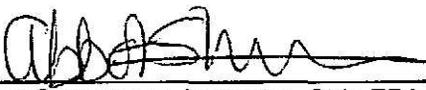
**C. AREAS EVALUATED DURING INSPECTION**

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

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

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

1. Operations & Maintenance – some equipment is still broken and needs to be repaired or replaced.
2. Laboratory – Staff must ensure that fecal coliform samples are processed within 6 hours from being taken.
3. Sludge – sludge inventory in plant is high.
4. Compliance Schedule – I/I Control Plan required by the NPDES permit.  
See attached letter.

  
Abbot Stevenson, Inspector, Ohio EPA, Southeast District Office

9/19/07  
Date

  
Timothy Campbell, Reviewer, Ohio EPA, Southeast District Office

9/18/07  
Date