



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

October 18, 2007

**Re:** Guernsey County  
Village of Pleasant City WWTP  
Reconnaissance Inspection  
EPA Permit No. 0PB00088\*BD  
Correspondence (PWW)

Mayor and Council  
Village of Pleasant City  
P.O. Box 272  
Pleasant City, Ohio 43772

Dear Mayor and Council:

On October 11, 2007, I conducted a reconnaissance inspection at Pleasant City's Wastewater Treatment Plant (WWTP). The purpose of the inspection was to determine compliance with the terms and conditions of National Pollutant Discharge Elimination System (NPDES) permit number 0PB00088\*BD. Mr. Michael Miser, plant operator, was present at the time of my inspection.

Based on the findings of my inspection and the review of our records, I have the following comments:

1. The two clarifiers contained a thick layer of duckweed and water meal which is manually skimmed several times a week to prevent the skimmer return from plugging. The current skimmer return does not provide enough suction to remove a significant volume of the algae and no surface flow to the skimmer return was observed. A temporary solution may be to suspend an air line on the opposite end of the clarifier near the surface to provide surface flow towards the skimmer. The floating weir design with covers is currently preventing the algae from being discharged and affecting the effluent quality.

The laboratory area was found to be clean and SOPs available for the process control and future analytical tests to be conducted on site. As stated by the operator, future CBOD and TSS analysis on the effluent samples will be conducted on-site according to Standard Test Methods for Wastewater Analysis. The CBOD tests are typically ran with a seeded sample with the nitrogenous inhibitor to determine the carbonaceous demand. A thorough review of the current Standard Methods for Wastewater Analysis should be conducted and the SOPs updated accordingly.

A requirement of your new permit requires the semi-annual sampling of low level mercury which should be done according to EPA Method 1631 or 245.7. These analytical methods should have detection levels near 0.2 ng/l. As discussed during my inspection, a special sampling procedure called "Clean Hands/Dirty Hands" should be followed to avoid sample contamination. The <http://www.frontiergeosciences.com/> website provides a link to "Ultra Clean Sampling" which explains the "Clean Hands/Dirty Hands" sampling procedure to be used for low level mercury sampling. Information can also be obtained on the web from "EPA Method 1669" for trace metal sampling. It is imperative that you contact your contract lab to determine if they can conduct the analysis according to the approved methods and can provide the lab certified clean sample containers.

At the time of my inspection, the effluent was clear with very little suspended solids and no objectionable odor. Attached is a copy of my detailed inspection report. If you have any questions, please contact me at (740) 380-5416.

Sincerely,



Jake Greuey  
District Representative  
Division of Surface Water

JGG/mlm

Enclosure

c: Michael Miser, Operator

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0PB00088*BD	OH0128023	October 11, 2007	R	S	1

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Village of Pleasant City WWTP 11229 Pleasant Road Pleasant City, Ohio	8:45 a.m.	October 1, 2007
	Exit Time	Permit Expiration Date
	10:25 a.m.	September 30, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Michael Miser, Plant Operator	(740) 680-2807
Name, Address and Title of Responsible Official	Phone Number
Mayor and Council Village of Pleasant City P.O. Box 272 Pleasant City, Ohio 43772	

**C. AREAS EVALUATED DURING INSPECTION**

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>--</u> Pretreatment
<u>S</u> Records/Reports	<u>S</u> Laboratory	<u>--</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>--</u> Sludge Storage/Disposal	<u>    </u> Other
<u>S</u> Collection System		

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

**D. SUMMARY OF FINDINGS/COMMENTS**

See attached letter.

  
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 Jake Greuey, Inspector, Ohio EPA, Southeast District Office

10/18/07  
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 Date

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

10/19/07  
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 Date