



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Koreski, Director

May 27, 2010

RE: GARRETTSVILLE WWTP  
PERMIT NO. 3PB00016  
PORTAGE COUNTY  
GARRETTSVILLE

Mr. Jeff Sheehan, Superintendent  
Village of Garrettsville  
8213 High Street  
P.O. Box .5  
Garrettsville, Ohio 44231

Dear Mr. Sheehan:

On April 21, 2010, an inspection of the above referenced facility's wastewater treatment system was conducted. The facility was represented you. The purpose of the inspection was to: (1) evaluate the wastewater treatment system along with the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit and (2) determine required additional actions to be undertaken as part of the permit renewal process.

During the inspection, the following items were noted/discussed:

1. The plant design of the wastewater treatment system is 0.356 MGD.
2. Currently the plant has been averaging 0.280 MGD with a maximum of 1.08 MGD since January 2007.
3. A plant expansion to 0.500 MGD is being proposed. Construction is scheduled to begin on December 1, 2010.
4. The proposed expansion is going to include tertiary treatment. No increase in loading is being requested.
5. The collection system has 5 lift stations.
6. The collection system has 2 main interceptors. The northern line is 12 inches in diameter. The southern line is 15 inches in diameter. The southern line is proposed to be upgraded to an 18 inch diameter line.
7. The blowers were running and the plant was receiving good aeration.
8. The contents of the aeration tank were medium brown in color and no foam was present.
9. Floating solids were observed in the clarifiers of both the Mack system and Aeromod system.
10. Pin floc was also observed going over the weir in the clarifier in the Mack system.
11. The discharge was visually clear.
12. A minimum of 6 piles of dirt was placed on the edge of the bank of Eagle Creek. See Figure 1 & 2. These piles of dirt should be pulled back from the edge of the stream bank and vegetation should be planted along the stream

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bank to prevent erosion into the stream. Per your e-mail dated May 26, 2010 and our recent phone conversation, you indicated that all of the dirt has been pulled back and the vegetation is growing.

Please note that the following changes have been made in the facility's draft NPDES permit:

1. E. coli has been added at upstream monitoring station 3PB00016801 and downstream monitoring station 3PB00016901 in lieu of fecal coliform monitoring.
2. Hardness, total has been removed from downstream monitoring station 3PB00016901.
3. The renewed permit will contain operator certification and staffing requirements.
4. A schedule of compliance was placed in the renewed permit which requires the facility to meet E. coli limits in the final table for monitoring station 3PB00016001.
5. A new sanitary sewer overflow reporting station, 3PB00016300, has been added to the permit.
6. A new sludge reporting station, 3PB00016586, has been added to the permit. This station is intended to be a back up station in lieu of land application station 3PB00016581. This station is to be utilized if the facility hauls any sludge to a licensed solid waste landfill.

The facility's renewal NPDES permit is currently being drafted and will be Public Noticed in the near future. At this time, you will have a 30 day period to evaluate this permit and comment in writing any concerns you may have.

This office has recently reviewed your self-monitoring reports covering the period January 1, 2007 through April 30, 2010 for the referenced facility. Our review indicates violations of the terms and conditions of your NPDES permit. The specific instances of noncompliance are as follows:

### Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	7D Qty	60.6	97.8214	3/8/2007
001	00530	Total Suspended Solids	7D Qty	60.6	93.9758	12/8/2007
001	00530	Total Suspended Solids	7D Qty	60.6	78.4857	2/1/2008
001	00530	Total Suspended Solids	7D Qty	60.6	61.6463	3/15/2008
001	00530	Total Suspended Solids	7D Qty	60.6	68.5728	12/8/2008
001	00530	Total Suspended Solids	7D Qty	60.6	92.7400	2/8/2009

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No frequency or code violations were noted.

Please be advised that such instances of noncompliance may be cause for enforcement actions pursuant to the Ohio Revised Code, Chapter 6111.

Should you have any comments or questions concerning this letter, please feel free to call me at (330) 963-1143.

Respectfully,



Michael W. Stevens  
Environmental Engineer  
Division of Surface Water

MWS/mt

pc: Village of Garrettsville Mayor & Council



Figure 1



Figure 2