

**Environmental  
Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

April 29, 2011

RE: VILLAGE OF KILLBUCK POTW  
NPDES PERMIT NO. 3PB00067  
2011 CEI

Mayor and Council  
Village of Killbuck  
P.O. Box 424  
Killbuck, OH 44637-0242

Ladies and Gentlemen:

On April 21, 2011, this writer along with Dean Stoll, conducted an inspection of the Killbuck POTW. The intent of the inspection was to evaluate operations and maintenance of the treatment plant. The compliance record for the plant was also evaluated as part of this inspection. Mike Judson represented the village during the inspection.

Observations:

No concerns with the treatment system were noted during this inspection. Following are observations made during the inspection.

1. The equalization tank was empty at the time of the inspection. It was understood that the wastewater accumulated from previous storms had been returned to the aeration system for treatment.
2. The aeration tank had good color. The medium brown color of the aeration tank and return sludge indicated a healthy population of microbes necessary to treat pollutants in the wastewater.
3. There was a slight amount a pin floc discharging from the clarifiers. This may have been due to the excessive flow of wastewater passing through the plant at the time of the inspection. The area recently experienced precipitation events which had resulted in flooding problems. It was the understanding of this writer that wastewater flow at the time of the inspection was approximately 0.7 mgd. The design average daily flow for the plant is 0.411 mgd,

The sludge entering the clarifiers appeared to have good settling characteristics. The pin floc was apparent only at the weir end of the clarifiers where the flow velocity of the wastewater appeared to carry floc to the surface and out the weirs.

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4. Sludge handling appeared to be adequate until drier weather will permit land application. One drying bed was being used to accumulate processed sludge. It was understood that a second bed could also be used to stockpile sludge until farm fields can be accessed.

Compliance Review:

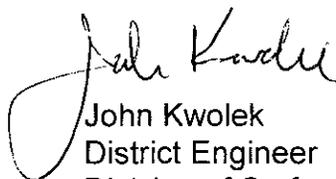
The compliance record for the Killbuck wastewater plant was reviewed as part of this inspection. The period of review was January 2010 through March 2011. One violation was noted throughout the review period.

<u>Reporting Period</u>	<u>Parameter</u>	<u>Limit Type</u>	<u>Units</u>	<u>Limit</u>	<u>Reported Value</u>	<u>Violation Date</u>
March 2010	pH	1-Day Concentration	Standard Units	6.5	6.2	3/19/2010

NPDES Permit Renewal:

In the next few months, the village will be receiving a new NPDES Permit. The permit renewal will be issued as a draft action for thirty days prior to being issued as a final permit by the Director. It is recommended that the village take the opportunity to thoroughly review the draft permit during the 30-day review period. The permit renewal will have some new language and requirements that should be reviewed and understood by the village prior to issuance of the final permit. If, during the preliminary review, the village identifies any problems or has any questions, you can contact this writer at (330) 963-1251 or at [john.kwolek@epa.state.oh.us](mailto:john.kwolek@epa.state.oh.us) to discuss any issues you may have.

Respectfully,



John Kwolek  
District Engineer  
Division of Surface Water

JK/mt

cc: Mike Judson, Killbuck POTW