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Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

April 14, 2008

RE: VILLAGE OF KILLBUCK WWTP  
NPDES 3PB00067\*ED  
2008 CEI

Mayor & Council  
Village of Killbuck  
P.O. Box 424  
Killbuck, OH 44637-0424

Ladies/Gentlemen:

On April 10, 2008, this office conducted a compliance evaluation inspection (CEI) of the Village of Killbuck Wastewater Treatment Plant (WWTP). Present during the inspection were this writer and Ken Dunham, Superintendent, Killbuck WWTP.

At the time of the inspection, the treatment system was hydraulically overloaded. The final effluent flow meter was pegged at 622 gallons per minute (0.896 MGD). Mr. Dunham was diverting seventy percent of the flow through the south aeration tank and clarifier. The south aeration tank contained clear water and the weirs in the south clarifier were submerged. See attached photos. The mixed liquor in the north aeration tank had a good color, however, there were excessive solids exiting the north clarifier.

A review of your monthly operating reports covering the period November 2006 through February 2008 revealed the following effluent violations.

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2006	001	Total Suspended Solids	30D Qty	46.7	51.7627	12/1/2006
December 2006	001	Total Suspended Solids	7D Qty	70	75.524	12/8/2006
March 2007	001	Total Suspended Solids	30D Qty	46.7	47.8357	3/1/2007
March 2007	001	Total Suspended Solids	7D Qty	70	74.5266	3/22/2007
April 2007	001	Total Suspended Solids	30D Qty	46.7	48.4437	4/1/2007
April 2007	001	Total Suspended Solids	7D Qty	70	77.5205	4/1/2007
April 2007	001	Oil and Grease, Freon	1D Conc	10	16.	4/11/2007

The south clarifier was upgraded with new chain and flights, installed the previous week. The final effluent flow meter was recently replaced with a new meter. A concrete pad was installed at the treatment plant to empty the vac truck, which was purchased within the last year. Sewage sludge is still being disposed of by land application. A contract laboratory is used to perform the analyses for metals, fecal coliform, oil & grease and phosphorus.

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Phase II of the collection system rehabilitation began in January 2008. Construction has been postponed due to the excessive amount of precipitation that has occurred over the past few months. The project is on schedule, and should be completed as required by the schedule of compliance in your NPDES permit. As part of the Phase II project, eighty five percent of the laterals will be repaired, as these laterals were constructed by hammer taps. It is important that the collection system rehabilitation project reach completion, as the plant cannot operate as designed with the excessive flow.

If you have any questions or comments regarding this letter, please feel free to contact this office at (330) 963-1197.

Sincerely,



Dean W. Stoll, P.E.  
Environmental Engineer  
Division of Surface Water

cc: Ken Dunham, Village of Killbuck

File: Public/Permit Compliance



Building lateral (hammer tap) in the Village of Killbuck.



North clarifier – note solids.



South aeration tank.



South clarifier – note submerged weirs.