Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

December 21, 2011

RE: HOLMES COUNTY
OCTOBER HILLS POTW
NPDES PERMIT NO. 3PG00134
FFY 2012 CEI

Mr. Chris Young, P.E., P.S.
Holmes County Sanitary Engineer
P.O. Box 29
Millersburg, OH 44654

Mr. Young:

On December 6, 2012, this writer met with Kevin Dean to inspect the October Hills publicly owned treatment works (POTW). The intent of the inspection was to evaluate operations and maintenance of the system. The compliance record for the system was also reviewed.

The October Hills POTW is scheduled for a significant upgrade over the next 12 months. Much of the system is either inoperable or is beyond its design life. The system is operated as a batch system because of the absence of a clarifier. Wastewater is treated in the aeration tank until it is prepared for discharge by turning off the air blower and letting the mixed liquor settle before discharging the supernatant. The aeration tank is discharged through the slow surface sand filters when necessary.

Several days of significant rain occurred just prior to this most recent inspection. The wastewater entering the system looked very much like rainwater. Mr. Dean indicated that a few campers remained in the campground at the time of the inspection.

Mr. Dean indicated that during a two day period that included the day of inspection, approximately 22,000 gallons of wastewater will have passed through the system. Based on previous discussions, it is understood that the county is aware of inflow and infiltration problems with the system. The dump station has been considered a possible source of inflow and in need of replacement or refurbishing. It is also understood that much of the collection system has been smoke tested to identify any other sources of inflow. If not already completed, it is recommended that flow studies be conducted on the trunk sewers to determine if they are a source of excessive inflow to the system.

Compliance Review

A review of the monthly compliance reports was conducted as part of this inspection to assess compliance with the National Pollutant Discharge Elimination System (NPDES) Permit. The period of review was October 2010 through September 2011.

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Following is a list of violations identified during the review period:

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
April 2011	CBOD 5 day	7-Day Conc.	15	20.	4/8/2011
July 2011	Nitrogen, Ammonia (	30-Day Conc.	2.0	2.12167	7/1/2011
July 2011	Fecal Coliform	30-Day Conc.	1000	1800.	7/1/2011
July 2011	Nitrogen, Ammonia	7-Day Conc.	3.0	5.74	7/22/2011

You may contact this writer at (330)963-1251 or at john.kwolek@epa.state.oh.us to discuss any questions you may have regarding this report.

Respectfully,

John Kwolek
District Engineer
Division of Surface Water

JK/cs

Cc: Kevin Dean, Dean's Backflow Service, Inc