



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

October 25, 2007

RE: COLUMBIANA COUNTY  
BEAVER LOCAL SCHOOLS  
NPDES PERMIT NO. 3PT00096  
HIGH SCHOOL WWTP  
13093 STATE ROUTE 7

Mr. Willard C. Adkins, Superintendent  
Beaver Local Schools  
13093 State Route 7  
Lisbon, OH 44432

Dear Mr. Adkins:

On October 23, 2007, this writer conducted an inspection of Beaver Local Schools Wastewater Treatment Plant, located at the above address. The purpose of the inspection was to review the water pollution control facilities and evaluate compliance with the facility's National Pollutant Discharge Elimination System (NPDES) permit. The following was observed at the time of the inspection:

- 1) The facility appeared to be as well maintained as practical given the age and design of the system. The effluent was typical of a facility utilizing settling and filtration prior to discharge. A review of the monthly operating reports from April 2007 through September 2007 revealed discharge violations and schedule violations of the NPDES permit. These should be addressed by installation of the Columbiana County Wastewater Treatment Plant and the abandonment of the school system.
- 2) Due to the Antidegradation process, the new system will not be installed until May or June of 2008. The existing system must be provided with a high degree of Operation and Maintenance until that time to minimize impacts on the environment.
- 3) Correspondence by this office dated April 4, 2007, indicated that a chlorinator and dechlorinator must be installed on the existing system. During the inspection it was noted this was never installed. Some of the effluent violations noted during the summer were the result of not chlorinating. If the new county treatment plant is not available by May 2008, then a chlorinator must be installed for the chlorination season which runs from May through October. This will kill any bacteria that are harmful to human health or the environment. Both outfall lines from the sand filters must be routed through the chlorinator and chlorine contact tank provided during May through October. Since the system discharges through the grass prior to entering the creek, a dechlorinator will not be necessary.

Mr. Willard C. Adkins  
Beaver Local Schools WWTP  
October 25, 2006  
Page 2

Should you have any comments or concerns regarding this letter, please feel free to contact me at (330) 963-1193.

Respectfully,

A handwritten signature in cursive script that reads "Joseph E. Trocchio".

Joseph E. Trocchio, P.E.  
Environmental Engineer  
Division of Surface Water

JET/mt

cc: Jack A. Hill, Building and Grounds Supervisor

File: Semipublic/Columbiana County/Madison Township/Beaver Local WWTP