



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
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April 14, 2010

RE: LORAIN COUNTY
PENFIELD TOWNSHIP
EMS NET (FORMERLY
PENFIELD ELEMENTARY SCHOOL)
WWTP INSPECTION
(NPDES NO. 3PT00103)

CERTIFIED MAIL

Mr. Christopher Sudnick
EMS NET
40905 SR 18
Wellington, OH 44090

Dear Mr. Sudnick:

On March 30, 2010, a compliance inspection was conducted on the wastewater treatment plant (WWTP) serving the EMS NET business (formerly Penfield Elementary School), located at 40905 SR 18, Penfield Township, Lorain County. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition and compliance with its National Pollutant Discharge Elimination System (NPDES) permit to discharge.

At the time of the March 30th inspection, the following observations were made:

- 1) The trash trap was in use and its contents were typical.
- 2) The 6000 gallon aeration tank was being aerated, and contents of the tank were a light brownish gray in color. The south return sludge line was operating, and returning clear water. The north return sludge line was not operating.
- 3) The settling tank contents were light gray in color, and the skimmer was operating, returning clear liquid to the aeration tank. The settling tank effluent trough contained a solids deposition, but the effluent in the trough was clear.
- 4) The pumps in the 1000 gallon pump station were in the 'AUTO' mode, but when tested in the manual mode, only the No. 1 pump was operational. The No. 2 pump did not operate when manually tested, and should be checked for proper operation and repaired if necessary.
- 5) The surface sand filter consists of a north and south cell. At the time of the inspection, the north cell was in use. Sand in the surface sand filters contained vegetative growth, which should be removed and the sand kept free of solids and vegetation, and raked level. The joints of the sand filter walls need to be repaired and made water tight, as there was evidence of water leakage in several of the joints.
- 6) The tablet chlorination / dechlorination units were in the contact tank, but contained no tablets (disinfection is not required November 1st through April 30th). The chlorine tablet tubes need the bottoms repaired such that tablets will stay in the tubes, or the tubes need replaced. Effluent disinfection should commence May 1st.

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Based upon observations made during the WWTP inspection, it is apparent the building is occupied, and is being utilized as a place of business. Therefore, the WWTP needs to be operated and maintained as designed.

A check of the Ohio EPA Surface Water Information Management System (SWIMS) for the period of March 1, 2007 through April 1, 2010, found no operating data has been submitted for the facility.

Please be advised that submission of Discharge Monitoring Report (DMR) data is a requirement of the NPDES Permit for the facility (Part III, Number 4, Reporting). Failure to submit required DMR data is a violation of the NPDES Permit terms and conditions, and is subject to enforcement action pursuant to Ohio Revised Code Chapter 6111.

The above WWTP maintenance / repairs should immediately be made, and the plant kept in good operational condition. Sampling and analysis of the WWTP effluent, and reporting of the DMR data as required per the NPDES permit, should also begin immediately.

Please inform this office in writing, within ten days of the receipt of this correspondence, as to: 1) who is the current owner of the building; 2) why monthly DMR data is not being submitted, and when submittal will commence; and 3) when the above repairs will be made such that a re-inspection can be conducted.

Mr. Sabo should be contacted for the inspection of repairs to the treatment system. His telephone number is (440) 284-3228. If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,



Charles E. Allen
Environmental Engineer
Division of Surface Water

CEA/mt

cc: John Sabo, Lorain County Health Department

File: SP/Lorain/PenfieldTwp/Penfield Elementary

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