

**Environmental
Protection Agency**

**Governor
Lt. Governor
Director**

October 21, 2011

RE: HOLMES COUNTY
BERLIN TOWNSHIP
WISE ELEMENTARY SCHOOL
OHIO EPA PERMIT NO. 3PT00119*BD

Mr. Junior Troyer
East Holmes Local Schools
P.O. Box 182
Berlin, OH 44610

Dear Mr. Troyer:

On September 27, 2011, a site inspection was conducted at the above referenced facility at 4579 County Road 120, Berlin Township, Holmes County. During the inspection, I was accompanied by Dean Stoll of Ohio EPA and Kraig Bucklew of the Holmes County Health Department. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the facility's National Pollutant Discharge Elimination System (NPDES) permit.

The 2,500 gallons per day extended aeration plant (treatment works) consists of a trash trap, aerated equalization tank, extended aeration system with clarifier, dosing chamber, surface sand filtration, chlorine disinfection, and dechlorination. Sludge management consists of sludge removal when needed to another treatment works. The treatment works discharges to Doughty Creek.

Observations

The following observations were made during the inspection:

1. The content of the aeration tank had a slight earthy odor, chocolate brown color with good mixing. The blowers were running and the treatment works was receiving sufficient aeration. The color and aeration of the wastewater are indicative of a properly operating aeration system.
2. The clarifier was cloudy, an indication of solids not settling properly.
3. The sludge return lines were operating properly.
4. Surface sand filters were in good condition.
5. Chlorination and dechlorination systems were stocked with appropriate chemicals.

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6. The operator and maintenance (O&M) records maintained at the treatment works do not satisfy Ohio Administrative Code rule 3745-7-09(A). Currently, the O&M records are maintained on a single sheet of paper. The O&M records must be maintained in a specific format. Ohio EPA recommends that a hard bound book with consecutive page numbering be utilized. In addition, three months of O&M records must be maintained at the treatment works.

NPDES Permit Compliance Review

A review of the electronic discharge self-monitoring reports (eDMR) received by Ohio EPA for the period September 1, 2010 through October 1, 2011, indicates noncompliance of the terms and conditions of your NPDES permit as identified below:

Frequency Violations

231 violations for Color, Severity (Reporting Code: 00083); 231 violations for Odor, Severity (Reporting Code: 01330); 231 violations for Turbidity, Severity (Reporting Code: 01350); and one violation for water temperature (Reporting Code: 00010) have occurred for Station 001.

Please be aware that Color, Severity (Reporting Code: 00083); Odor, Severity (Reporting Code: 01330); and Turbidity, Severity (Reporting Code: 01350) must be monitored daily and reported to Ohio EPA utilizing eDMR.

Should you have any questions regarding this matter, please contact me at your earliest convenience at (330) 963-1118 or via e-mail at chris.moody@epa.ohio.gov.

Sincerely,



Chris Moody,
Environmental Specialist II
Division of Surface Water

CM:bo

pc: Kraig Bucklew, Holmes County Health Department

ec: Dean Stoll, Ohio EPA