

**Environmental
Protection Agency**

Ohio Department of
Natural Resources
Governor
Lt. Governor
Director

October 20, 2011

RE: HOLMES COUNTY
WASHINGTON TOWNSHIP
LAKEVILLE ELEMENTARY SCHOOL
OHIO EPA PERMIT NO. 3PT00062*CD

Mr. Troy Snyder, Maintenance Supervisor
West Holmes Local Schools
28 West Jackson Street
Millersburg, OH 44654

Dear Mr. Snyder:

On September 27, 2011, a site inspection was conducted at the above referenced facility at 14059 State Route 226, Washington 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 5,000 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, dechlorination, and a pump station to the final outfall. Sludge management consists of sludge removal from an aerated sludge holding tank when needed to another treatment works. The facility discharges to an unnamed tributary to Crab Run north of the facility.

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 plant was receiving sufficient aeration. The plant color and aeration are indicative of a properly operating aeration system.
2. Some sludge deposits were blocking a portion of the clarifier weir and must be removed. The sludge return lines were operating properly at the time of the inspection.
3. Surface sand filters were in good condition. Sludge was present on one of the surface sand filters. Once the sludge is removed, the sand must be re-leveled so that the surface sand filter provides uniform treatment of the wastewater.
4. Chlorination and dechlorination systems were stocked with appropriate chemicals and operating at the time of the inspection. The tank contents were clear.

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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:

Reporting Code Violations

Permit No	Reporting Period	Station	Reporting Code	Parameter	Reported Value	Violation Date
3PT00062*CD	October 2010	001	31616	Fecal Coliform	AK	10/19/2010
3PT00062*CD	September 2011	001	31616	Fecal Coliform	AK	9/7/2011

Reporting Code "AK" is utilized when biological samples are too numerous to count. In order to resolve the "AK" reporting code violation, please ensure that the laboratory analyzing the samples is performing the appropriate dilutions necessary to obtain an acceptable count of bacterial colonies. In addition, the operator must ensure that the treatment works' chlorination system is operating correctly from May 1st to October 31st annually.

Frequency Violations

1 violation for Chlorine Residual (Reporting Code: 50060), 281 violations for Color, Severity (Reporting Code: 00083), 1 violation for Flow Rate (Reporting Code: 00056), 281 violations for Odor, Severity (Reporting Code: 01330), and 281 violations for Turbidity, Severity (Reporting Code: 01350) have occurred for Station 001.

Please be aware that Color, Severity (Reporting Code: 00083), Flow Rate (Reporting Code: 00056), 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/cs

cc: Kraig Buckiew, Holmes County Health Department
ec: Dean Stoll, Ohio EPA