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

October 21, 2011

RE: HOLMES COUNTY
MONROE TOWNSHIP
WEST HOLMES HIGH SCHOOL
OHIO EPA PERMIT NO.
3PT00068*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 10901 State Route 39, Monroe 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 42,000 gallons per day extended aeration plant (treatment works) consists of a trash trap, aerated equalization tank, extended aeration system, upflow clarifier, lift station/dosing chamber, surface sand filtration, chlorine disinfection, dechlorination, and post-disinfection aeration. Sludge management consists of sludge removal when needed to another treatment works. The facility discharges to an unnamed tributary to Paint 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. Effluent channels and weirs were clean. The sludge return lines were operating properly at the time of the inspection.

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3. Surface sand filters were in good operational condition; however, one of the distribution lines was cracked and requires maintenance (Figure 1). No sludge was present on the surface sand filters.

4. Chlorination and dechlorination systems were stocked with appropriate chemicals and operating at the time of the inspection. The tank contents were clear.

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

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00010	Water Temperature	1/Day	1	0	11/04/2010
001	00010	Water Temperature	1/Day	1	0	11/05/2010
001	00010	Water Temperature	1/Day	1	0	11/23/2010
001	00010	Water Temperature	1/Day	1	0	11/24/2010
001	00010	Water Temperature	1/Day	1	0	11/26/2010
001	00083	Color, Severity	1/Day	1	0	11/04/2010
001	00083	Color, Severity	1/Day	1	0	11/05/2010
001	00083	Color, Severity	1/Day	1	0	11/23/2010
001	00083	Color, Severity	1/Day	1	0	11/24/2010
001	00083	Color, Severity	1/Day	1	0	11/26/2010
001	01330	Odor, Severity	1/Day	1	0	11/04/2010
001	01330	Odor, Severity	1/Day	1	0	11/05/2010
001	01330	Odor, Severity	1/Day	1	0	11/23/2010
001	01330	Odor, Severity	1/Day	1	0	11/24/2010
001	01330	Odor, Severity	1/Day	1	0	11/26/2010
001	01350	Turbidity, Severity	1/Day	1	0	11/04/2010
001	01350	Turbidity, Severity	1/Day	1	0	11/05/2010
001	01350	Turbidity, Severity	1/Day	1	0	11/23/2010
001	01350	Turbidity, Severity	1/Day	1	0	11/24/2010
001	01350	Turbidity, Severity	1/Day	1	0	11/26/2010
001	00010	Water Temperature	1/Day	1	0	05/02/2011
001	00010	Water Temperature	1/Day	1	0	05/04/2011
001	00010	Water Temperature	1/Day	1	0	05/05/2011
001	00010	Water Temperature	1/Day	1	0	05/06/2011

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

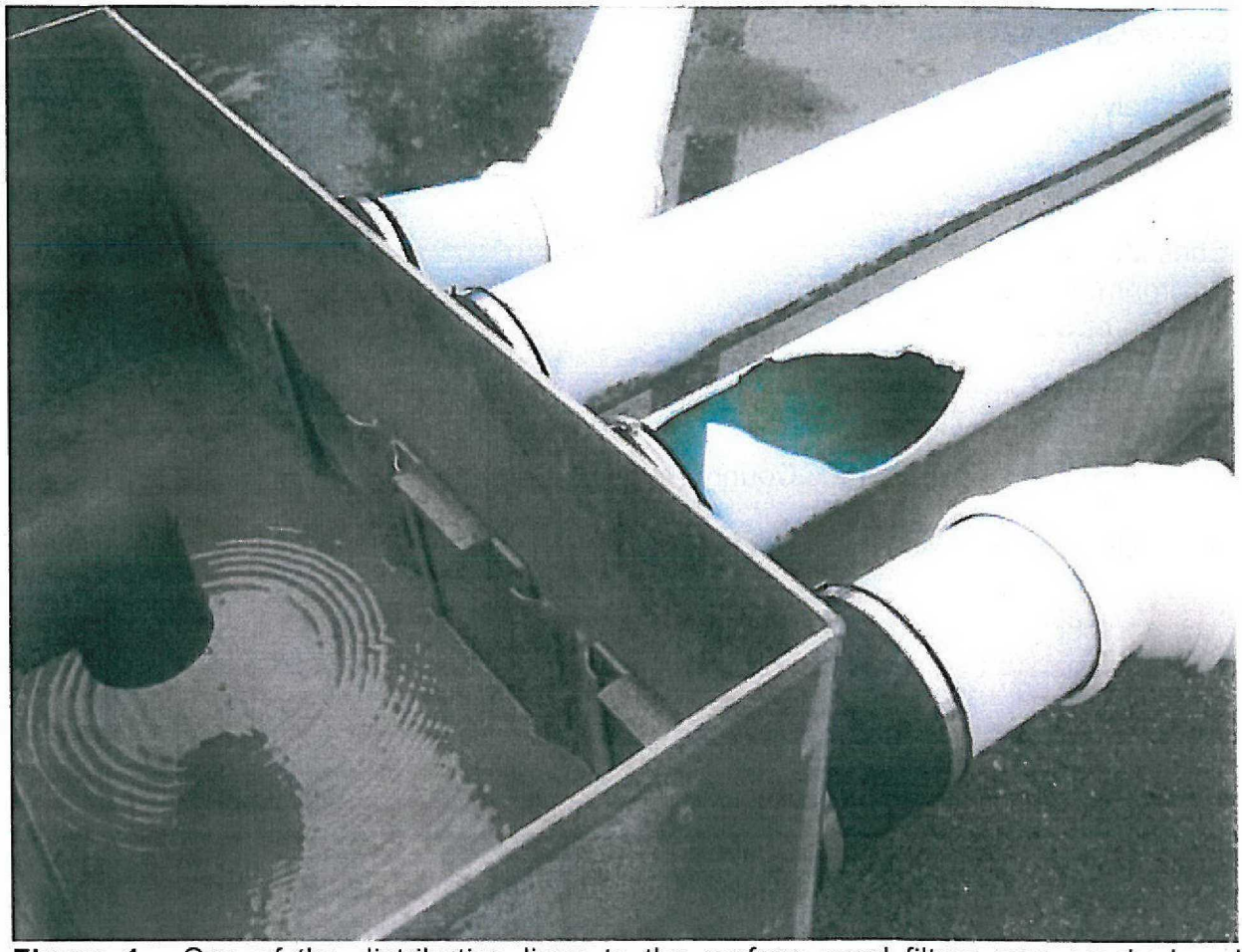

Figure 1 - One of the distribution lines to the surface sand filters was cracked and requires maintenance.