



**Environmental  
Protection Agency**

John Kasich, Governor  
Mike DeWine, Lt. Governor  
Robert Whitely, Director

October 26, 2011

RE: HOLMES COUNTY  
HARDY TOWNSHIP  
GRAPHIC PUBLICATIONS, INC.  
OHIO EPA PERMIT NO.3PR00314\*BD

Mr. Jeffrey Massaro  
Graphic Publications  
P.O. Box 358  
Millersburg, OH 44654

Dear Mr. Massaro:

On September 27, 2011, a site inspection was conducted at the above referenced facility at 7368 County Road 623 in Hardy 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 1,500 gallons per day extended aeration plant (treatment works) consists of a trash trap, extended aeration system with clarifier, lift station/dosing chamber, surface sand filtration, chlorine disinfection, and dechlorination. Sludge management consists of transferring sludge to another treatment works when needed. The treatment works discharges to an unnamed tributary to Honey Run.

**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. The surface of the clarifier was clear. Effluent channels and weirs were clean. The sludge return lines were operating properly at the time of the inspection.
3. Surface sand filters were in good condition; however, the filter media (i.e. gravel) does not appear to satisfy Ohio EPA's design specifications, as provided within Ohio EPA's "Sewage: Collection, Treatment & Disposal Where Public Sewers

Are Not Available (Greenbook)" guidance document, which provides that "sand shall be clean and washed with an effective size between 0.4 and 1.0 mm, with a uniformity coefficient not greater than 3.0." The filter media must be replaced to ensure that the wastewater is receiving proper treatment. For your convenience, Ohio EPA's Greenbook can be located from the following website:

<http://www.epa.ohio.gov/portals/35/documents/greenbook.pdf>

4. Chlorination and dechlorination systems were stocked with appropriate chemicals.

#### **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 that the violations have occurred.

#### **Limit Violations**

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	8.18	12/1/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.18	12/15/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	5.43	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	5.43	6/1/2011

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](mailto:chris.moody@epa.ohio.gov).

Sincerely,



Chris Moody.  
Environmental Specialist II  
Division of Surface Water

Cm/cs

cc: Kraig Bucklew, Holmes County Health Department