



**Environmental  
Protection Agency**

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

October 3, 2012

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 12, 2012, 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 Kraig Bucklew of the Holmes County General Health District. 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.
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. The distribution box piping is broken and must be repaired and/or replaced.
4. The surface sand filter media (i.e. gravel) does not 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>

5. Splash plates must be provided within the surface sand filter to ensure uniform treatment of the wastewater.
6. Chlorination and dechlorination systems were stocked with appropriate chemicals.
7. The operation and maintenance records were present 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, 2011 through October 1, 2012 indicates that the violations have occurred.

Limit Violations

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	21.	3/1/2012
001	00530	Total Suspended Solids	7D Conc	18	21.	3/1/2012
001	00530	Total Suspended Solids	30D Conc	12	33.	6/1/2012
001	00530	Total Suspended Solids	7D Conc	18	33.	6/1/2012
001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	26.5	6/1/2012
001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	26.5	6/1/2012
001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0057	.02096	6/1/2012
001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.0085	.02096	6/1/2012
001	00530	Total Suspended Solids	30D Conc	12	15.	8/1/2012

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 General Health District