



**Environmental  
Protection Agency**

Ted Strickland, Governor  
Lee Fisher, Lt. Governor  
Chris Korfeski, Director

October 6, 2010

RE: TRUMBULL COUNTY  
HARTFORD TOWNSHIP  
MEADOWBROOK MANOR NURSING HOME  
WWTP INSPECTION  
(NPDES PERMIT 3PR00250)

Ms. Deborah Ifft  
Meadowbrook Manor Nursing Home  
3090 Five Points Hartford Rd.  
Fowler, OH 44418

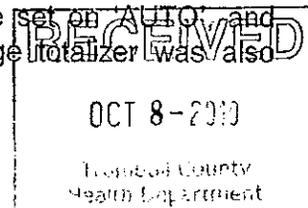
Dear Ms. Ifft:

On August 25, 2010, a Compliance Evaluation Inspection (CEI) was conducted by this writer at the Meadowbrook Manor Nursing Home wastewater treatment plant (WWTP), 3090 Five Points Hartford Road, Hartford Township.

The purpose of the visit was to evaluate the WWTP operation and maintenance, as well as the facility's compliance with NPDES Permit effluent limits and conditions. The most recent inspection conducted by the Ohio EPA was on May 7, 2009.

At the time of the inspection the following observations were made:

- 1) The trash trap was in use and its contents were typical.
- 2) The flow equalization chamber and pumps were operating. Contents of the flow equalization tank were turbid and gray in color, although they were being well aerated.
- 3) The extended aeration tank contents were well aerated and medium brown in color. The return activated sludge (RAS) line was returning brown sludge, and there was no foam present on the surface of the contents.
- 4) The settling tank sides need scraping, and the effluent trough also contained some solids. The skimmer was properly adjusted, operating, and returning a clear liquid.
- 5) Both pumps in the surface sand filter dosing station were set on AUTO and properly operated when manually tested. A pump usage totalizer was also present in the electrical control box.



Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 44087-1924

330 | 963 1200  
330 | 487 0769 (fax)  
www.epa.ohio.gov

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- 6) The surface sand filters consist of 4 cells, of which cell number 3 was in use. The filter cell which was in use contained ponded water, while the 3 remaining cells were water free with a slight vegetative growth.
- 7) The Aerated Sludge Holding tank was approximately 2/3 full of water, and was not being aerated.
- 8) The fixed filter media tank was operational, and the troughs contained slight solids deposition.
- 9) Effluent disinfection is accomplished by tablet chlorination and dechlorination. At the time of the inspection, tubes in the chlorinator and dechlorinator units contained tablets. The cap on one of the chlorine tablet tubes was missing.
- 10) Treated effluent from the WWTP is discharged to Yankee Run South Branch, and was clear and visually free of solids.

A review of the electronic Discharge Monitoring Reports (eDMR's) submitted for the WWTP for the period of May 1, 2009, through September 1, 2010, found the following effluent limit violations for the facility:

**MEADOWBROOK MANOR NURSING HOME  
NUMERIC EFFLUENT VIOLATIONS  
NPDES PERMIT 3PR00250  
(May 1, 2009 – Sep. 1, 2010)**

Reporting Period	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2009	Fecal Coliform	30D Conc	1000	3500	6/1/2009
June 2009	Fecal Coliform	1D Conc	2000	3500	6/18/2009
August 2009	Nitrogen, Ammonia (NH3-N)	30D Conc	1.0	1.4	8/1/2009
March 2010	Nitrogen, Ammonia (NH3-N)	30D Conc	3.0	5.4	3/1/2010
March 2010	Nitrogen, Ammonia (NH3-N)	1D Conc	4.5	5.4	3/16/2010

\*\* No Frequency or Reporting Code Violations

Based upon the results of the August 25<sup>th</sup> inspection, the following items need to be addressed:

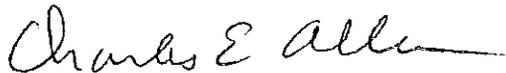
- 1) The missing chlorine tablet tube cap needs to be replaced.

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- 2) The surface sand filter cell needs to be unplugged, and the vegetation removed.

A copy of this inspection report is being forwarded to the Trumbull County Health Department. If you have any comments or questions about this document, you may contact me at (330) 963-1110.

Respectfully,



Charles E. Allen  
Environmental Engineer  
Division of Surface Water

CEA/mt

pc: Trumbull County Health Dept.