



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

May 20, 2009

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

CERTIFIED MAIL

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

Dear Ms. Ifft:

On May 7, 2009, 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 the facility's compliance with NPDES Permit effluent limits and conditions.

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

- 1) The trash trap was in use and contents were typical.
- 2) The flow equalization chamber and pumps were in use and operating properly. Contents of the flow equalization tank were being well aerated, and were light brown in color.
- 3) The extended aeration tank contents were medium brown in color and were also well aerated. The return activated sludge (RAS) line was operational and was returning brown sludge, and there was no foam present on the surface of the contents
- 4) The settling tank effluent trough contained some algae and solids, and a slight pinfloc was rising in the contents of the tank. The skimmer was properly adjusted and operating, and was returning a clear liquid.
- 5) Both pumps in the surface sand filter dosing station were operational, and the high level alarm was operational as well.
- 6) The surface sand filters consist of 4 cells, of which cell numbers 1 and 3 were in use. One of the filter cells was flooded with water; two cells had a slight ponding of water; and one cell had a deposition of drying solids.

- 7) The Aerated Sludge Holding tank was being aerated and the contents were medium brown.
- 8) The fixed filter media tank was operational.
- 9) Effluent disinfection is accomplished by tablet chlorination and dechlorination. At the time of the inspection, one of the chlorine tablet tubes was missing. The remaining chlorine tablet tube and dechlorination tubes contained tablets.
- 10) Treated effluent from the WWTP is discharged to Yankee Run South Branch. Effluent 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 December 1, 2007 through April 1, 2009, found the following effluent limit violations for the facility:

**MEADOWBROOK MANOR NURSING HOME
NUMERIC EFFLUENT VIOLATIONS
NPDES PERMIT 3PR00250
(DEC. 1, 2007 – APR. 1, 2009)**

Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	Fecal Coliform	1D Conc	2000	3000.	6/12/2008
001	Fecal Coliform	30D Conc	1000	3000.	6/1/2008

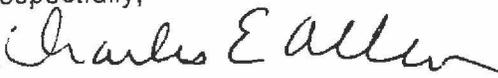
No frequency or code violations were noted.

Based upon the results of the May 7 inspection, the following items need to be addressed:

- 1) The missing chlorine tablet tube needs to be replaced and filled with chlorine tablets.
- 2) The surface sand filter cells need to be unplugged, the solids dried and removed, and the sand kept clean and raked level.

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:bo

pc: Trumbull County Health Dept.

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1. Article Addressed to:
**MEADOWBROOK MANOR NURSING HOME
 ATTN; MS. DEBORAH IFFT
 3090 FIVE POINTS HARTFORD RD.
 FOWLER, OH 44418**

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