



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

November 14, 2008

RE: LAKE COUNTY
MADISON TWP.
BROADFIELD MANOR WWTP
7927 MIDDLE RIDGE ROAD
NPDES PERMIT NO. 3PR00131
APPLICATION NO. OH0098124

Mr. Paul Barbins, Administrator
Broadfield Manor Nursing Home
7927 Middle Ridge Road
Madison, Ohio 44057

Dear Mr. Barbins:

On November 12, 2008, this writer conducted a compliance and evaluation inspection of the Broadfield Manor Nursing Home wastewater treatment plant. Mr. Ty Bouasy, Maintenance Supervisor, accompanied this writer during the inspection. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits.

At the time of inspection, the 25,000 gpd extended aeration plant was producing an effluent of satisfactory visual quality in that there was no evidence of solids or oil and grease. General operation and maintenance of the grounds, processes and equipment appeared to be satisfactory.

A review of the Monthly Operating Reports covering the period of November 2007 through September 2008 revealed the following effluent limitation:

| Station | Reporting Code | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|---------|----------------|------------------------|------------|-------|----------------|----------------|
| 001 | 00530 | Total Suspended Solids | 7D Qty | 1.7 | 1.85957 | 5/1/2008 |

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

A mailbox located on the control box at the plant contained a log book of the operation and maintenance records for the plant. The records lacked some of the required information. Pursuant to Ohio Administrative Code 3745-7-09, the following information must be recorded:

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1. Identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed or effluent produced;
4. Results of tests performed and samples taken, unless documented on a laboratory sheet;
5. Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced; and
6. Identification of the persons making entries.

Within 10 days of the date of this letter, you are required to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the above highlighted deficiencies.

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU/mt