



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

January 19, 2010

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

Mr. Jim Homa
Broadfield Care Center
7927 Middle Ridge Road
Madison, Ohio 44057

Dear Mr. Homa:

On January 13, 2010, 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 October 2008 through December 2009 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.89	10/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.09	.16573	10/1/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	3.64	10/15/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.14	.31964	10/15/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.235	11/1/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	8.47	11/1/2009
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.28	.30777	11/1/2009
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.43	61553	11/1/2009

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.

This writer has learned that ownership of Broadfield Manor Nursing Home has changed. Madison Care Center, Inc. dba Broadfield Care Center now owns the facility. Provider Services manages the facility. The NPDES permit has not been transferred to the new owner. **As such, Madison Care Center Incorporated dba Broadfield Care Center does not have coverage under an NPDES permit for the discharge of treated wastewater and is illegally discharging to waters-of-the-state. This is a violation of Ohio Revised Code 6111 that is subject to enforcement action.** The NPDES permit can be transferred by completing the enclosed Application for Transfer of Ohio NPDES permit. The instructions for this form are also enclosed. Please immediately complete the application and submit it to the Northeast District Office.

The NPDES permit for the Broadfield Manor Nursing Home expires October 31, 2010. Our Columbus Office notified Broadfield Manor Nursing and Convalescent Home Inc., in a letter dated January 4, 2010 of the need to submit a renewal application. The application forms were submitted with the letter. Pursuant to Ohio Administrative Code 3745-33-03, NPDES permit renewal applications must be submitted 180 days prior to the expiration date of the existing permit. Please submit to this office, the NPDES permit application (Forms 1, 2E, 2S), the \$200 NPDES permit application fee (check made payable to Treasurer, State of Ohio) and the Antidegradation Addendum. The forms may be obtained at the Ohio EPA, Division of Surface Water Web site address <http://www.epa.state.oh.us/dsw>.

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