



State of Ohio Environmental Protection Agency

Northeast District Office

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

October 9, 2007

RE: MAHONING COUNTY
BEAVER TOWNSHIP
ST. MARY'S ALZHEIMER CENTER
1899 WEST GARFIELD ROAD
NPDES PERMIT NO. 3PS00011

Mr. John Masternick, CEO
Windsor House, Inc.
P.O. Box 575
Girard, OH 44420

Dear Mr. Masternick:

On October 3, 2007, this writer conducted an inspection of the wastewater treatment system for the St. Mary's Alzheimer Center. The intent of the inspection was to evaluate Operations and Maintenance (O&M), and to review the compliance status of the system relative to the National Pollutant Discharge Elimination System (NPDES) Permit No. 3PS00011.

Observation of Wastewater Treatment System

The condition of the treatment system was marginal at the time of the inspection. The aeration tank and return sludge had good color indicating a healthy biomass necessary for treatment. The clarifier surface was free of scum. However, the treated wastewater was cloudy. Also, the method of chlorination is not acceptable as a long term method. One chlorine tablet located in the upper end of the effluent trough was used to disinfect the wastewater. It is questionable whether consistent compliance with the fecal coliform limit is possible using this method of disinfection and considering that the contact time may be less than the required 15 minutes.

Connection to the Columbiana Sanitary Sewer System

The Alzheimer center will be connecting to the Columbiana sanitary sewer system. A pump station will be constructed on the south side of the existing treatment system. It appeared that the pressure sewer has been installed at the time of the inspection. However, the pump station was not yet installed. Please provide a response indicating a schedule for installing the pump station and properly closing the wastewater treatment system. Also include an update of the sanitary sewer project to be installed by the city which is necessary to connect the Alzheimer center to the city sewer system.

Compliance Review

The Monthly Operating Reports for the months of August 2006 through July 2007 were reviewed to determine the compliance status of the St. Mary's Alzheimer Center. From

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the review, it could be seen that the center is in violation of the NPDES permit almost monthly. Be advised that St. Mary's Alzheimer is in Significant Noncompliance with the NPDES permit.

In accordance with the NPDES permit, Mr. Paul Warren notifies this office of all violations of the permit. Mr. Warren appropriately contacts this office within 24-hours of becoming aware of the violations and follows with a written report of noncompliance.

Once the existing wastewater treatment system is abandoned and the facility is connected to the sanitary sewer, the NPDES permit will be cancelled. It is important that the sewer connection be made as soon as possible. Be advised that Ohio EPA retains the option to take enforcement action against St. Mary's Alzheimer Center in the event the facility is not connected to the Columbiana sanitary sewer in a timely manner.

Conclusion

It appears that the condition of the wastewater treatment system has improved since the last inspection. However, the system is unable to maintain consistent compliance with the NPDES permit. As discussed above, the Alzheimer center must be connected to the sanitary sewer as soon as possible. An update of the sewer project must be provided to this office no later than October 24, 2007.

You may contact this office at (330) 963-1251 to discuss any questions you may have regarding this inspection report.

Respectfully,



John Kwolek
District Engineer
Division of Surface Water

JK/mt

cc: Joe Mansky, Mahoning County Department of Health
Paul Warren, Director Environmental Services, Windsor House Inc.