



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

June 22, 2009

RE: LAKE COUNTY  
MADISON TOWNSHIP  
DE RUBERTIS PARTY CENTER  
6521 NORTH RIDGE ROAD  
NPDES PERMIT NO. 3PR00413  
APPLICATION NO. OH0137073

Mr. Joseph A. De Rubertis  
De Rubertis Party Center  
6521 North Ridge Road  
Madison, OH 44057

Dear Mr. De Rubertis:

On June 17, 2009, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the party center. 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.

The following observations were noted:

- The wastewater content in the aeration tank contained little, if any activated sludge. The mixed liquor looked more like rainwater. The tank must be seeded with activated sludge so that raw sewage entering the plant will be treated. Please immediately contact Mark Lewis, your operator-of-record.
- The content of the settling tank was turbid.
- The filter beds contained a small amount of vegetation. Any sludge or vegetation on the surface of the filter bed must be removed and each filter bed must contain 18 inches of Ohio EPA approved filter sand. Approved filter sand consists of clean and washed sand with an effective size between 0.4 and 1.0 mm and a uniformity coefficient not greater than 3.0. The filter sand must be raked with an even distributed across the surface area of the bed. The filter beds must be routinely switched to maximize the performance of the filter beds.
- Milk crates are being used to support the filter arms. This is not a part of the approved plant design and must be corrected.
- The chlorine contact chamber contained chlorine tablets for disinfection, as required.
- The plant does not have dechlorination facilities for reduction of the chlorine residual. Dechlorination facilities are required for this plant.

The above deficiencies must be corrected immediately.

A review of the monthly operating reports for Outfall 001 covering the period of May 2008 through May 2009 revealed the following effluent limitation:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residu	1D Conc	0.019	.53	8/14/2008

Mr. Joseph A. De Rubertis  
De Rubertis Party Center  
June 22, 2009  
Page 2

The average daily design flow of the wastewater treatment plant continues to be reported for the estimated flow rate. This practice is not acceptable and must cease. *Acceptable methods for estimating daily flow are, in order of preference: 1) elapsed time meters on sand filter dosing pumps; 2) elapsed time meters on influent pumps; or 3) water use records.*

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.

Pursuant to Ohio Administrative Code 3745-7-09, effective December 21, 2006, this Agency requires the owner and operator of record of a wastewater treatment plant to maintain operation and maintenance records for the wastewater treatment plant. The records shall be housed on site and shall be accessible for twenty-four hour inspection. Please inform this office of the proposed location for the operation and maintenance records. The following information must be recorded and kept on site:

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 directed 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, please contact the undersigned at (330) 963-1183.

Sincerely,



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

MU/mt