



**Environmental
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

May 2, 2012

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

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

Dear Mr. De Rubertis:

On May 1, 2012, 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:

1. The wastewater content in the aeration tank was light brown in color indicating an organically underloaded plant. Steps should be taken to increase the organic load of the plant.
2. The return sludge line was light brown in color.
3. The skimmer discharge line was in operation.
4. The content of the settling tank was turbid. A sludge blanket was not visible.
5. The filter beds were in a satisfactory condition.
6. The chlorine contact chamber contained no chlorine tablets for disinfection. Chlorine tablets must be added and maintained in the chlorine contact chamber from May 1st to October 31st.
7. The plant effluent is not being dechlorinated after chlorination.
8. The effluent was visibly acceptable in that it contained no solids, foam, oils or grease.
9. The operation and maintenance log book appeared satisfactory.

The NPDES permit for this facility has a schedule of compliance for the construction of dechlorination facilities. A permit-to-install (PTI) application and four sets of detailed design plans were to have been submitted to this office by April 1, 2011. Dechlorination facilities were to have been installed and operation by August 1, 2011. This office has yet to receive a PTI application and detailed design plans. Dechlorination facilities have not been constructed, as required. This is a violation of your NPDES permit and Ohio Revised Code 6111. The violation is subject to enforcement action.

The above deficiencies must be corrected immediately. Consultation with your operator- of-record, Dustin Lewis, is recommended.

A review of the Discharge Monitoring Reports (DMRs) for Outfall 001, covering the period of July 2010 to March 2012 revealed the following effluent limitation:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	23.24	8/1/2010
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	23.24	8/22/2010
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	26.6	12/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	26.6	12/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.023	.20136	12/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.034	.20136	12/22/2011

The average daily design flow of the WWTP (2,000 gallons per day) continues to be reported for the estimated flow rate of the plant discharge. 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; 3) water use records.*

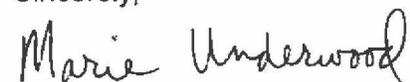
In addition, the eDMRs show that the A-substitution Code "AL" is being used at the sludge monitoring station 588. This is not appropriate use of the AL code. The AL code should only be used for those facilities that submit reports on paper or via Swimware. Facilities that use eDMR should select the "No Discharge" Check box on the data entry Form.

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.

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/cs