

**Environmental  
Protection Agency**

Gov. Steve Stande, Governor  
De. Tom Sawyer, Lt. Governor  
John P. Berman, Director

August 5, 2010

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 July 22, 2010, a compliance evaluation inspection of the sewage treatment plant serving the party center was conducted by this office. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit.

**Wastewater Treatment Plant Observations**

At the time of inspection the plant was producing a satisfactory effluent free of solids, debris, or oil and grease. The following observations were noted:

- The wastewater content in the aeration tank was light brown in color. The tank contains little activated sludge and is underloaded. The organic content of the mixed liquor needs to be increased. Please contact your operator-of-record to determine the appropriate steps needed.
- The return sludge line and skimmer line were in operation; however, the return sludge line was light brown in color.
- The content of the settling tank was turbid.
- The filter bed appeared satisfactory.
- The chlorinator contained chlorine tablets as required.
- This facility has no dechlorination unit. Dechlorination is needed to reduce the chlorine residual after disinfection has occurred. A dechlorinator must be installed. Another possible alternative is the elimination of a chlorination unit and the installation of an ultraviolet light disinfection unit. Please consult with your operator-of-record.
- The operation and maintenance records log book, pursuant to Ohio Administrative Code 3745-7-09 was not found onsite.

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**NPDES Permit Requirements**

A review of the monthly operating reports covering June 2009 through June 2010 revealed no effluent limitation violations; however the average daily design flow of the plant, 2,000 gpd, is reported as the daily discharge flow on the discharge monitoring reports. This is not acceptable. Acceptable methods of estimating discharge flow include, 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. If a flow meter is not used to measure the actual flow of the discharge, then one on these three methods should be used.

The NPDES permit expires November 30, 2010. Pursuant to Ohio Administrative Code (OAC) 3745-33-03, a renewal application must be submitted 180 days prior to the expiration date of the permit. This office has not received your renewal application. You are currently in violation of the OAC 3745-33.

**Actions to be Taken**

Please immediately submit to this office, an NPDES permit application, Antidegradation Addendum and the required \$200 application fee. Once this office receives the renewal application, the NPDES permit will be drafted. It is anticipated that a schedule of compliance for meeting the e-coli limit and a schedule for installing either a dechlorination unit or UV disinfection unit will be included. Once the permit is drafted please review it carefully. A 30-day comment period will be provided. All comments must be in writing and submitted to this district office.

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

Sincerely,



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

MU/mt