



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

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

June 21, 2007

RE: LAKE COUNTY  
MADISON TWP.  
HOLLY RIDGE APARTMENTS  
NPDES PERMIT NO. 3PR00376  
APPLICATION NO. OH0134651

Mr. Bill Shivak  
P.O. Box 19115  
Cleveland, OH 44119

Dear Mr. Shivak:

On June 13, 2007, this writer conducted an operation and maintenance inspection of the wastewater treatment plant that serves the above referenced facility. At the time of inspection the plant was producing an effluent free of solids, debris, oil and grease. All treatment units were in operation. The following observations were noted:

1. The flow equalization tank was operating in a satisfactory manner.
2. The aeration tank was operating satisfactorily.
3. The settling tank had some sludge on its surface. The effluent trough was blocked with sludge. The return sludge rate may need readjustment. The sludge blocking the trough must be removed.
4. The west filter bed had vegetation and dried sludge on its surface. The vegetation, sludge and top layer of solids laden sand must be removed. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on the bed. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter bed.
5. Both filter bed distribution lines were being supported by milk crates. The use of milk crates for supporting the distribution lines is inappropriate. Permanent supports for the distribution lines must be constructed.
6. The chlorinator was filled with chlorine tablets; however, the dechlorinator contained no sulfite tablets. Sulfite tablets must be inserted in the dechlorinator as approved by this Agency.
7. The chlorine contact chamber contained an excessive amount of grass clippings. Care should be taken to prevent grass clippings from entering the chamber when the lawn is being mowed.

The above referenced deficiencies should be corrected immediately.

A review of the monthly operating reports covering the period of January 2007 to April 2007 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	7.14	3/1/2007
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.14	3/22/2007

Mr. Bill Shivak  
Holly Ridge Apartments  
June 21, 2007  
Page 2

Also, the review of the monthly operating reports covering the period of January 2007 to April 2007 revealed the following effluent monitoring frequency violations:

Violation				Sample		
Date	Station	Reporting Code	Parameter	Frequency	Expected	Reported
2/01/2007	001	00300	Dissoved Oxygen	1/Week	1	0
2/15/2007	001	00300	Dissolved Oxygen	1/Week	1	0
2/22/2007	001	00300	Dissolved Oxygen	1/Week	1	0

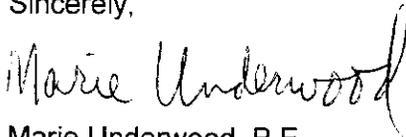
Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your National Pollutant Discharge Elimination System (NPDES) permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

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. Some of the information that must be recorded includes the identification of the treatment works, date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect the quality or quantity of sewage or effluent produced, results of tests performed and samples taken, performance of preventative maintenance and repairs, and identification of the persons making the entries. Please review the administrative code carefully for information on all requirements.

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