



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

September 14, 2009

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

Mr. Johnny Tetrick
P.O. Box 19451
Cleveland, OH 44119

Dear Mr. Tetrick:

On September 9, 2009, this writer conducted a compliance evaluation inspection of the wastewater treatment plant that serves the above referenced facility. 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.

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

1. The flow equalization tank was in operation, as required.
2. The aeration tank was in operation. The mixed liquor was dark brown in color and the return sludge line discharge was dark brown in color. Consideration should be given to adjusting the sludge wasting rate.
3. The settling tank content was turbid. The settling tank had sludge behind the baffles, on its surface and blocking the effluent weir. The sludge should be removed from these areas.
4. The filter bed had some vegetation on its surface. The vegetation and the 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. The chlorinator was filled with chlorine tablets, as required.
6. The dechlorinator contained sulfite tablets, as required.
7. The sludge drying beds are not being used and filled with vegetation. The vegetation should be removed. Liquid sludge is now being wasted from the plant.

The above referenced deficiencies should be corrected immediately.

A review of the discharge monitoring reports covering the period of July 2008 to July 2009 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Qty	0.545	.64525	8/1/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.1582	12/1/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.136	.1365	4/1/2009

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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.

The following information must be recorded:

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.

Please review the administrative code carefully for information on all requirements.

This office has received your application for renewal of your NPDES permit. The permit will be drafted soon. When the permit is drafted, please review it carefully. A 30-day comment period will be provided. All comments or questions must be submitted to this office in writing.

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