



State of Ohio Environmental Protection Agency

Northeast District Office

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

August 31, 2009

RE: Lake County
Leroy Twp.
Cedar Hill Conference Center WWTP
NPDES Permit No. 3PR00178
Application No. OH0123641

NOTICE OF VIOLATION

Mr. Peter W. Nielsen, III
Cedar Hills Conference Center
5811 Vrooman Road
Painesville, OH 44077

Dear Mr. Nielsen:

On August 27, 2009, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) 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. Operation and maintenance of the plant was marginal. The following observations were noted:

1. The flow equalization tank was operating in a satisfactory manner.
2. The aeration tank content was light brown in color, indicating a weak mixed liquor. The return sludge discharge was also light brown.
3. The entire surface of the settling tank was covered with a thick layer of sludge. Sludge blocked the effluent weirs and was in the effluent trough. Sludge is not being returned to the aeration tank. The sludge return line should be checked.
4. One of the two filter beds was covered with an excessive amount of sludge. Both of the filter beds contained an excessive amount of vegetation.
5. The chlorinator was not being used properly. One of the chlorinator tubes contained chlorine tablets. The adjacent chlorinator tube contained sodium sulfite tablets. This set-up does not allow for the proper length of contact time needed for disinfection of the treated effluent. The chlorinator should only contain chlorine tablets for disinfection of the treated wastewater. A chlorine contact time of 15 minutes is needed before the effluent is dechlorinated.
6. The dechlorinator contained a small portion of a sulfite tablets.
7. The gated fence was not locked.

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Please immediately contact your operator of record.

A review of the Discharge Monitoring Reports covering the period of August 2008 through July 2009 revealed no effluent limitation violations.

A review of the Discharge Monitoring Reports covering the same period revealed the following effluent monitoring frequency violations:

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00010	Water Temperature	1/Week	1	0	10/15/2008
001	00083	Color, Severity	1/Week	1	0	10/15/2008
001	01330	Odor, Severity	1/Week	1	0	10/15/2008
001	01350	Turbidity, Severity	1/Week	1	0	10/15/2008
001	00010	Water Temperature	1/Week	1	0	06/01/2009
001	00010	Water Temperature	1/Week	1	0	06/08/2009
001	00010	Water Temperature	1/Week	1	0	06/15/2009
001	00010	Water Temperature	1/Week	1	0	06/22/2009

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. 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.

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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,

A handwritten signature in black ink that reads "Marie Underwood". The signature is written in a cursive, flowing style.

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

MU/mt