



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 Korfeski, Director

August 20, 2008

RE: LAKE COUNTY
LEROY TWP.
CEDAR HILL CONFERENCE CENTER
WWTP
NPDES PERMIT NO. 3PR00178
APPLICATION NO. OH0123641

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

Dear Mr. Nielsen:

On August 6, 2008, 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. 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 content was light brown in color, indicating a weak mixed liquor. The return sludge discharge was clear;
3. The settling tank content was turbid. The tank had some sludge on its surface. The return sludge rate may need readjustment;
4. Maintenance of the east filter bed was satisfactory. The west filter bed was full of vegetation and sludge. 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. The chlorinator was filled with chlorine tablets;
6. The dechlorinator was filled with sulfite tablets; and
7. The vegetation growing around the plant should be removed before it gets too unwieldy.

A review of the discharge monitoring reports covering the period of August 2007 through July 2008 revealed no effluent limitation violations.

A review of the discharge monitoring reports covering the same period revealed the following effluent monitoring frequency violations:

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Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00010	Water Temperature	1/Week	1	0	08/01/2007
001	00010	Water Temperature	1/Week	1	0	08/08/2007
001	00010	Water Temperature	1/Week	1	0	08/15/2007
001	00010	Water Temperature	1/Week	1	0	08/22/2007
001	00010	Water Temperature	1/Week	1	0	09/01/2007
001	00010	Water Temperature	1/Week	1	0	09/08/2007
001	00010	Water Temperature	1/Week	1	0	09/15/2007
001	00010	Water Temperature	1/Week	1	0	09/22/2007
001	00010	Water Temperature	1/Week	1	0	11/01/2007
001	00010	Water Temperature	1/Week	1	0	11/08/2007
001	00010	Water Temperature	1/Week	1	0	11/15/2007
001	00010	Water Temperature	1/Week	1	0	11/22/2007
001	00010	Water Temperature	1/Week	1	0	12/01/2007
001	00010	Water Temperature	1/Week	1	0	12/08/2007
001	00010	Water Temperature	1/Week	1	0	12/15/2007
001	00010	Water Temperature	1/Week	1	0	12/22/2007
001	00530	Total Suspended Solids	1/Quarter	1	0	06/01/2008
001	00610	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	06/01/2008
001	31616	Fecal Coliform	1/Quarter	1	0	06/01/2008
001	80082	CBOD 5 day	1/Quarter	1	0	06/01/2008
001	50060	Chlorine, Total Residual	1/Quarter	1	0	06/01/2008

In addition, this agency has no record of receipt of the discharge monitoring report for October 2007.

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 24-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;

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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. The Cedar Hills Conference Center must immediately make provisions for on site operation and maintenance records.

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 cursive script that reads "Marie Underwood".

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

MU/mh