



State of Ohio Environmental Protection Agency

Northeast District Office

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

August 5, 2009

RE: LORAIN COUNTY  
COLUMBIA TWP.  
COLUMBIA HILLS COUNTRY CLUB  
NPDES PERMIT NO. 3PR00277  
(16200 E. RIVER ROAD)

Columbia Hills Country Club  
Attn: Mr. Charles J. Sandru, Club Manager  
16200 E. River Rd.  
Columbia Station, OH 44028

Dear Mr. Sandru:

On July 22, 2009, a compliance inspection was conducted on the wastewater treatment plant (WWTP) serving the Columbia Hills Country Club, located at 16200 E. River Road, Columbia Township, Lorain County. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and the facility's compliance with the terms and conditions of its National Pollutant Discharge Elimination System (NPDES) permit. The inspection was conducted by this writer, and Mr. John Sabo of the Lorain County Health Department.

At the time of the inspection, the following observations were made:

- 1) The Flow Equalization tank was in operation and was being well aerated. Contents of the flow equalization were medium brown in color.
- 2) The aeration tanks were being well aerated, and the contents of the tanks were a medium brown in color. Observations revealed no foam on the surface of the water, and the return sludge was operating satisfactorily, returning medium brown sludge.
- 3) The settling tank had a solids build up of approximately 3" behind the inlet baffle, and the skimmer was not operating. **The skimmer should be made operational, and adjusted to approximately ¼ inch below the surface of the water.** When operating properly, the skimmer should be returning a clear liquid to the aeration tank.
- 4) The effluent trough in the settling tank had a slight buildup of solids in it.
- 5) The dosing station pumps were both set in the 'AUTO' mode, and were operational when tested in the manual mode. The high level alarm was operational when tested manually.
- 6) The fixed media tank had the south cell in use, the north cell was not operating.
- 7) The west cell of the surface sand filters contained a heavy vegetative growth and solids. The east cell had a slight vegetative growth. **The sand filter cells need to be cleaned and the sand raked level.**

- 8) The chlorination/dechlorination tank tubes contained no tablets. **During the period of May 1 through October 31, the effluent must be continually disinfected.**
- 9) The aerated sludge holding tank was full, was being well aerated, and the contents were a typical medium brown in color.

A review of the operating data for the wastewater treatmentplant (as reported to the Ohio EPA in SWIMS) was conducted prior to the inspection. The electronic Discharge Monitoring Report (eDMR) data covered the period of May 1, 2008 through July 1, 2009. The SWIMS program found no effluent numerical violations of the Columbia Hills Country Club NPDES Permit to discharge. The following reporting frequency violations were found for the period of concern:

**COLUMBIA HILLS COUNTRY CLUB  
NPDES PERMIT NO. 3PR00277  
REPORTING FREQUENCY VIOLATIONS  
(MAY 1, '08 – JULY 1, '09)**

<b>Reporting Period</b>	<b>Reporting Code</b>	<b>Parameter</b>	<b>Sample Frequency</b>	<b>Expected</b>	<b>Reported</b>	<b>Violation Date</b>
August 2008	00010	Water Temperature	1/Week	1	0	08/01/2008
August 2008	00010	Water Temperature	1/Week	1	0	08/15/2008

Proper operation and maintenance practices should continue to be implemented, which will enable the Columbia Hills Country Club WWTP to continuously meet its NPDES Permit effluent limits. **Particular attention needs to be directed toward cleaning the surface sand filters and keeping them free of solids deposition and vegetative growth.**

If there are questions or comments regarding the contents of this letter, please contact this office.

Respectfully,



Charles E. Allen  
Environmental Engineer  
Division of Surface Water

CEA:bo

pc: Lorain County Health Department, Attn: John Sabo

SP/Lorain/ColumbiaTwp/ColumbiaHillsCC