



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

August 2, 2013

RE: LAKE COUNTY
WILLOUGHBY HILLS
WILLOUGHBY HILLS UNITED METHODIST CHURCH
WASTEWATER TREATMENT PLANT.
NPDES PERMIT NO. 3PR00244
APPLICATION NO. OH0128830

Mr. Peter Formica, Chairman of Trustees
Willoughby Hills United Methodist Church
34201 Eddy Road
Willoughby Hills, OH 44094

Dear Mr. Formica:

On August 1, 2013, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the above referenced church. 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.

Wastewater Treatment Plant Observations

At the time of inspection, the plant was producing an effluent with no evidence of oil & grease or debris. The following observations were noted:

- The content of the flow equalization tank was being aerated, as required.
- The mixed liquor content in the aeration tank was light brown indicating the plant is organically underloaded. The return sludge was also light brown. Flow was discharging from the skimmer return line. Steps should be taken to increase the organic load in the plant. Please consult with your operator of record.
- The sand in the filter bed needs to be distributed evenly. Assurance must be made that 18 inches of Ohio EPA approved filter sand exists in the beds. Approved filter sand has an effective size of 0.4 - 1.0 mm and a uniformity coefficient that does not exceed 3.0. The sand must be raked and evenly distributed across the surface area of the filter beds. Any used sand removed from the filter bed should be hauled to a public landfill.
- The plant effluent was not being disinfected. The chlorinator was lying on its side and contained no chlorine tablets. Chlorine tablets must remain in the chlorinator from May 1st to October 31st.
- The dechlorinator risers were missing. The dechlorinator risers must be placed in the dechlorinator. Dechlorination of the effluent is required after chlorine disinfection.
- The sludge in the sludge holding tank was being aerated, as required.
- A review of recent O&M log book entries reveals that your operator of record has not consistently recorded in the log book twice a week as required. In accordance with Ohio Administrative Code 3745-07, your wastewater treatment plant must be staffed with an operator two days per week, one hour per week. The logbook for the church's wastewater treatment plant does not show that this staffing requirement has been met on a consistent basis for the months of June and July.

The above referenced deficiencies must be corrected immediately.

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www.epa.ohio.gov • (330) 963-1200 • (330) 487-0769 (fax)

NPDES Permit Violations

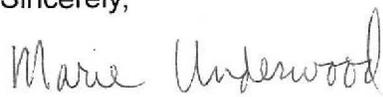
A review of the Discharge Monitoring Reports covering the period of May 2012 through June 2013 revealed no effluent limitation violations.

Actions to be Taken by Permittee

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/cs