



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

July 20, 2009

RE: LAKE COUNTY
KIRTLAND
LAKE FARM PARK
NPDES PERMIT NO. 3PR00378
APPLICATION NO. OH0134678

Mr. Stephen W. Madewell
Interim Executive Director
Lake Metroparks
11211 Spear Road
Painesville, OH 44077

Dear Mr. Madewell:

On July 9, 2009, this writer conducted a pre-permit inspection of the wastewater treatment plant that serves the Lake Farmpark. The inspection was prompted by the anticipated renewal of the National Pollutant Discharge Elimination System (NPDES) permit. Mr. Rob Preseren, Assistant Administrator, accompanied this writer during the inspection.

At the time of inspection, the plant was producing an effluent free of oil & grease, solids or debris. Operation and maintenance of the plant was satisfactory.

Lake Farmparks has incorporated the use of sludge bags at the wastewater treatment plant. The idea arose from the presentation that the Ohio EPA Compliance Assistance Unit gave at the seminar for the Class A operator's license. Submersible pumps placed in clarifiers pump sludge via a mixing drum, to sludge bags that have been placed over the aeration tank grating. By adding a polymer solution to the sludge and letting it sit for roughly 20 hours, the sludge concentration can increase from less than 1% to 10% solids. The water that is filtered through the bag trickles down to the aeration tank. The thickened sludge is disposed in a dumpster. The sludge bags are rinsed and reused. Lake Farmparks has incorporated this method to reduce the amount of sludge that must be hauled by a sludge hauler to a publicly owned treatment works.

A review of the Discharge Monitoring Reports covering August 2008 through June 2009 revealed the following effluent violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.18	12/1/2008
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.18	12/15/2008

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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.

The renewal permit will be drafted soon. When it is public noticed, please review the draft permit closely. A 30-day comment period will be provided. All questions and concerns regarding the draft permit must be submitted to this office in writing.

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/mt

cc: Rob Preseren, Assistant Administrator