



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

July 29, 2013

RE: LAKE COUNTY
KIRTLAND
PAOLUCCI PLAZA
7621 CHARDON ROAD
NPDES PERMIT NO. 3PR00490
APPLICATION NO. OH0140767

Mr. George Paolucci
7458 Briar Hill Road
Kirtland, OH 44094

Dear Mr. Paolucci:

On July 18, 2013, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves Paolucci Plaza. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with the National Pollutant Discharge Elimination System (NPDES) permit.

Wastewater Treatment Plant Observations

The following observations were noted:

- The aeration plant was operational. The mixed liquor and return sludge discharge line were light brown in color. The skimmer discharge line was operational. Steps to increase the organic load of the plant should be considered. Please consult with your operator of record. Mr. Jeff Gifford is listed as the operator of record for this facility.
- The condition of the filter beds was satisfactory.
- An Ultraviolet light disinfection unit has been installed after the filter beds, to disinfect the effluent.
- The catch basin sampling location contained debris. The debris should be removed to ensure that a suitable effluent sample can be obtained.

NPDES Permit Violations

A review of the Discharge Monitoring Reports (DMRs) revealed that DMRs have not been submitted for six months during the period of January 2012 through July 2013. DMRs must be submitted for the following months:

January 2012
February 2012
March 2012
June 2012
September 2012
November 2012

In addition, the following effluent limitation violations were noted during this period:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00300	Dissolved Oxygen	1D Conc	6.0	4.9	8/15/2012
001	80082	CBOD 5 day	30D Conc	10	20.	12/1/2012
001	80082	CBOD 5 day	7D Conc	15	20.	12/1/2012
001	00530	Total Suspended Solids	30D Conc	12	49.	6/1/2013
001	00530	Total Suspended Solids	7D Conc	15	49.	6/15/2013
001	00610	Nitrogen, Ammonia-NH3	30D Conc	1.0	1.39	6/1/2013

This writer was not able to locate operation and maintenance records for the plant. Pursuant to Ohio Administrative Code 3745-7-09, this agency requires the owner and operator of record of a wastewater treatment plant to maintain operation and maintenance records for the WWTP. The records shall be housed onsite and shall be accessible for 24-hour inspection. Some of the formats in which the records may be maintained include, but are not limited to hard bound book with consecutive page numbering, time cards, separate operation and maintenance records, or well organized computer logs. At a minimum, 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.

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. Enforcement actions may include a monetary penalty.

Actions to be Taken by Permittee

Within 10 days of the date of this letter, you are directed 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,



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

MU/cs