



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

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

June 17, 2009

RE: LAKE COUNTY
KIRTLAND
KIRTLAND PLAZA INC.
9270 CHILLOCOTHE ROAD
NPDES PERMIT NO. 3PR00160
APPLICATION NO. OH0117471

Mr. Joseph Castrataro
10866 Sperry Road
Kirtland, OH 44094

Dear Mr. Castrataro:

On June 10, 2009, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the plaza. 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.

Wastewater Treatment Plant Observations

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

- The plant appears to be organically underloaded and inundated with a large amount of water. The color of the mixed liquor was light brown. The level of wastewater in the aeration tank was very high. The liquid height level in the aeration tank reached the elevations of the sludge return line and the skimmer return line pipes. It was difficult to ascertain if anything was discharging from the sludge return line and the skimmer return line because the water level in the tank was so high.
- The operation of the settling tank was poor. The settling tank content was extremely turbid and brown in color. The tank appeared to provide little settling. The skimmer weirs were plugged with solids that need to be removed.
- The condition of the filter beds was satisfactory.
- A small amount of a chlorine tablet was available in the chlorinator. More tablets should be added.
- This plant does not have a dechlorinator to reduce the chlorine residual

NPDES Permit Violations

A review of the Discharge Monitoring Reports (DMRs) revealed the following effluent monitoring frequency violations during the period of April 2008 through June 1, 2009:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	63.	2/1/2009
001	00530	Total Suspended Solids	7D Conc	15	63.	2/1/2009

Also, 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. As stated in your

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NPDES permit, the records shall be housed on site and shall be accessible for twenty-four hour inspection. Please inform this office of the proposed location for the operation and maintenance records. The following information must be recorded and kept on site:

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.

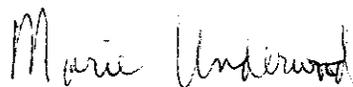
Actions to be Taken by Permittee

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

This office has been notified that the Lake County Board of Commissioners had adopted on March 31, 2009, a resolution authorizing the advertising of bids for the construction of the gravity sewer, force main and pump stations along State Route 306 that will discharge to the Gary L. Kron Water Reclamation Facility. Once the sewer is constructed this office will require the abandonment of the wastewater treatment plant that serves Kirtland Plaza. Once the plaza is connected to the operating public sewer and the package plant is abandoned, the NPDES permit for this facility will be revoked.

Should you have any questions regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



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

MU/mt