



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

April 13, 2009

RE: LAKE COUNTY  
KIRTLAND  
ANGELO'S PIZZERIA & ICE CREAM  
8162 EUCLID-CHARDON ROAD

Mr. Dennis Di Santo  
Angelo's Pizzeria & Ice Cream  
8162 Euclid-Chardon Road  
Kirtland, OH 44094

Dear Mr. Di Santo:

On April 9, 2009, this writer conducted an inspection of the wastewater treatment system serving the pizzeria and ice cream store. The building is served by an Ohio EPA approved extended aeration system that has an average daily design flow of 1000 gallons per day. The purpose of the inspection was to evaluate the wastewater treatment plant's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits.

At the time of inspection the plant was producing an effluent of poor visual quality. The following observations were noted:

- The aeration tank wastewater was gray in color and looked more like raw sewage instead of a tank with mixed liquor containing activated sludge. The plant should be re-seeded.
- The settling tank wastewater was very cloudy and turbid.
- The filter beds appeared to be satisfactory. No sludge or vegetation was on the bed surfaces. Assurances must be made that 18 inches of Ohio EPA approved sand exists on the surface of the bed. Ohio EPA approved sand has an effective size of 0.4-1.0 mm and a uniformity coefficient that is no greater than 3.
- The effluent was gray, cloudy and turbid, instead of clear.
- The disinfection season is from May 1<sup>st</sup> through October 31<sup>st</sup>. During this period chlorine tablets must remain in the chlorinator and sulfite tablets must remain in the dechlorinator.

A review of the plant's Discharge Monitoring Reports (DMRs) for the period of March 2008 through February 2009 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	30D Conc	12	25.	3/1/2008
001	80082	CBOD 5 day	30D Conc	10	21.	3/1/2008
001	00530	Total Suspended Solids	1D Conc	18	25.	3/5/2008
001	80082	CBOD 5 day	1D Conc	15	21.	3/5/2008

This office does not have record of receipt of the DMR for February 2009. DMRs are due by the 20<sup>th</sup> day of the month following the month-of-interest. Please immediately submit the DMR for February 2009.

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Also, the flow value that is reported on the discharge monitoring reports for the estimated daily flow is the design flow of the wastewater treatment plant (i.e., 1,000 gallons per day). This is an incorrect value to use and must cease. Acceptable methods for estimating daily flow at plants are, in order of preference, 1) elapsed time meters on sand filter dosing pumps; 2) elapsed time meters on influent pumps; 3) water use records.

Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring, reporting, or compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

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. The records shall be housed on site and shall be accessible for twenty-four hour inspection. The following information must be recorded:

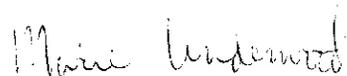
1. Identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed 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.

The administrative code should be carefully reviewed for information on all requirements. You must immediately make provisions for maintaining onsite operation and maintenance records.

Please inform this office, in writing, within ten days, the reasons for the above referenced violations, as well as a description of the actions taken to prevent any further violations. Your response should include proposed dates for completion of the actions.

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/mt