



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

April 9, 2008

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 2, 2008, 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.

At the time of inspection the plant was in operation, producing an effluent free of solids, debris, or oil and grease. The following observations were noted:

- The aeration tank wastewater was light brown in color, indicating an organically underloaded plant with a low mixed liquor suspended solids level. The color of the return sludge line content was also light brown. The sludge return rate should be adjusted.
- The settling tank wastewater was very cloudy and turbid. The skimmer was submerged. The skimmer level should be readjusted.
- The leaves and sticks around the dosing chamber should be removed.
- The east filter bed had some sludge and leaves on its surface. The west filter bed was ponded with sewage sludge. The wastewater on top of the sludge was cloudy. The sludge and sludge laden sand must be removed from surface of the filter bed and replaced with clean, Ohio EPA approved sand. The sand must be raked and distributed evenly across the surface of the beds. Ohio EPA approved sand has an effective size of 0.4-1.0 mm and a uniformity coefficient that is no greater than 3. Assurances must be made that 18 inches of sand exists on the surface of the bed.
- The disinfection season is from May 1st through October 31st. 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 2006 through February 2008 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00530	Total Suspended Solids	1D Conc	18	152.	3/1/2007
001	00530	Total Suspended Solids	30D Conc	12	152.	3/1/2007
001	00530	Total Suspended Solids	1D Qty	0.07	.22955	3/1/2007
001	00530	Total Suspended Solids	30D Qty	0.04	.22955	3/1/2007
001	80082	CBOD 5 day	1D Conc	15	32.	3/1/2007
001	80082	CBOD 5 day	30D Conc	10	32.	3/1/2007
001	80082	CBOD 5 day	30D Qty	0.04	.04833	3/1/2007

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residuals	1D Conc	0.019	.625	8/2/2007
001	00610	Nitrogen, Ammonia-NH3	30D Conc	1.0	1.26	6/1/2007
001	80082	CBOD 5 day	1D Conc	15	16.	12/7/2007
001	80082	CBOD 5 day	30D Conc	10	16.	12/1/2007

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. Some of the information that must be recorded includes the identification of the treatment works, date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect the quality or quantity of sewage or effluent produced, results of tests performed and samples taken, performance of preventative maintenance and repairs, and identification of the persons making the entries. In addition the administrative code requires any owner of a sewage treatment works who enters into a contract with a certified operator to maintain a copy of the contract onsite at the treatment works. Please carefully review Ohio Administrative Code 3745-7-09 for information on all requirements. The code can be accessed at: <http://www.epa.state.oh.us/dsw/rules/effectiverules.html>.

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