

**Environmental
Protection Agency**

Ohio Department of Public Safety
Governor
Lt. Governor
Director

July 21, 2011

RE: LAKE COUNTY
MADISON TOWNSHIP
DEAN'S FAMILY RESTAURANT
WASTEWATER TREATMENT PLANT
NPDES PERMIT NO. 3PR00237

Mike Zisis
Dean's Family Restaurant
6080 North Ridge Road
Madison, OH 44057

Dear Mr. Zisis:

On July 14, 2011, this writer conducted a compliance evaluation inspection of the wastewater treatment plant serving the above referenced restaurant. 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.

Operation and maintenance of the plant was marginal. The following observations were noted:

- The aeration tank was operating in a satisfactory manner.
- The settling tank content was turbid. Chunks of sludge were on surface of the settling tank wastewater. Algae was in the effluent trough and was blocking the skimmer. The sludge wasting rate may need to be adjusted. The algae should be removed from the effluent trough and skimmer. Please contact your operator of record.
- The west filter bed was in poor condition, covered with excessive vegetation. The east filter bed was not in use, but contained pine needles on its surface. Any sludge, sludge laden sand, vegetation and debris must be removed from the surface of the filter bed and replaced with clean Ohio EPA approved sand. Assurances must be made that 18 inches of approved filter sand exists on both beds. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter bed.
- The filter bed is located near a garbage collector. Because the collector is not covered at all times, garbage has blown in and around the filter bed area. All garbage and debris should be removed from the wastewater treatment plant grounds.
- The chlorine contact chamber contained no chlorine tablets. The disinfection season is from May 1st through October 31st. During this period chlorine tablets must be placed in the chlorinator.
- This facility does not have a dechlorinator. A dechlorinator is required and must be installed to decrease any residual chlorine following disinfection.

The highlighted deficiencies must be corrected immediately.

A review of the plant's monthly operating reports revealed no effluent violations during the period of April 2010 through June 2011.

MIKE ZISIS
JULY 21, 2011
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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	31648	E. coli	30D Conc	161	380.	6/1/2011
001	31648	E. coli	7D Conc	362	380.	6/22/2011

As stated in this writer's last inspection letter dated May 5, 2010, 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 onsite and shall be accessible for twenty-four hour inspection. The records must be kept in a bound notebook with pre-numbered pages. The following information must be recorded and kept onsite:

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.

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 regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



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

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