



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

March 8, 2013

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 March 5, 2013, 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.

The following observations were noted:

- The extended aeration plant was in operation. The mixed liquor was grayish brown in color. The return sludge line was in operation. The settling tank content was turbid. Sludge was evident on the surface of the settling tank water level and in the effluent trough. The sludge wasting rate may need to be adjusted. Please contact your operator of record.
- The west filter bed was in use. Some vegetation was on the surface of the bed and should be removed. The east filter bed was not in use. 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 chlorine tablet dispenser in the chlorine contact chamber had no caps on the risers. There is also no dechlorination unit at this plant. ***The disinfection season is from May 1 through October 31. Before the disinfection season commences, caps must be placed on the chlorine tablet dispenser risers and a dechlorination unit must be installed. During the disinfection season, chlorine tablets and bisulfite tablets must be placed and remain in the chlorinator and dechlorinator, respectively. Please contact your operator of record. Failure to meet the treatment requirements of your NPDES permit is a violation of the permit and may result in enforcement action that may involve a monetary penalty.***

The highlighted deficiencies must be corrected immediately.

A review of the plant's monthly operating reports revealed the following effluent violations during the period of July 2011 through January 2013:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	31648	E. coli	30D Conc	161	210.	6/1/2012

Also, on the August 2011 DMR, the data substitution code "too numerous to count" (AK) was reported for E. coli. Reporting AK on the DMR is an invalid use of the data substitution code. If the E. coli count is too numerous to count, the sample should be diluted and then tested. The reported analytical data should be adjusted accordingly.

During the inspection, no operations and maintenance records log book was found. As stated in previous letters, 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.

MIKE ZISIS
MARCH 8, 2013
PAGE 3

Your son requested information regarding contract operators. A list of contract wastewater treatment operators can be found at the Ohio EPA, Division of Drinking and Ground Water website, <http://epa.ohio.gov/ddagw/opcert.aspx>. Wastewater treatment contract operators that serve Lake County or the Northeast District Office (NEDO) would apply to your facility.

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,

A handwritten signature in cursive script that reads "Marie Underwood".

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

MU:bo

