



**Environmental  
Protection Agency**

John R. Kasich, Governor

Mary Taylor, Lt. Governor

Scott J. Nally, Director

May 29, 2012

RE: LAKE COUNTY  
LEROY TOWNSHIP  
CAPPS TAVERN  
NPDES PERMIT NO. 3PR00382  
APPLICATION NO. OH0134732

Mr. Matt Krupka  
Capps Tavern  
12830 Painesville-Warren Road  
Leroy Township, Ohio 44077

Dear Mr. Krupka:

On May 22, 2012, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves Capps Tavern. 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.

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

1. The aeration tank was operating in a satisfactory manner. The mixed liquor was chocolate brown in color.
2. Some sludge was evident on the surface of the settling tank water. An excessive amount of sludge was behind the baffles and should be removed. The sludge return rate or wasting rate may need to be adjusted.
3. The skimmer return line was not operating. The line should be checked for plugging.
4. The filter bed sand needs to be raked and evenly distributed across the surface of the filter bed. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on the bed. 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.
5. The chlorine contact chamber contained chlorine tablets, as required. A cap is broken on one of the chlorinator risers. A new cap is needed.
6. A dechlorinator has not been installed. The dechlorinator is required to consistently meet the low chlorine residual effluent limitation of 0.019 mg/l. When chlorination is used for disinfection, dechlorination is required from May 1<sup>st</sup> to October 31<sup>st</sup>.

The above highlighted deficiencies must be corrected.

A review of the plant's Discharge Monitoring Reports revealed the following effluent limitation violations during the period of October 2010 through April 2012:

| Station | Reporting Code | Parameter               | Limit Type | Limit | Reported Value | Violation Date |
|---------|----------------|-------------------------|------------|-------|----------------|----------------|
| 001     | 00610          | Nitrogen, Ammonia (NH3) | 30D Conc   | 1.0   | 1.36           | 8/1/2011       |

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

The operation and maintenance log book is inadequate. The log book contained no signatures and no time in/time out entries. The entries show that the operator of record is not present two days per week. The wastewater treatment facility serving Capps Tavern is classified as a Class A wastewater treatment works. Pursuant to Ohio Administrative Code (OAC) 3745-07-04 (C), a Class A wastewater treatment works must be staffed with an operator of record two days per week for a minimum of one hour per week. The operator of record must be physically present at the wastewater treatment works for this length of time. Pursuant to OAC 3745-07-02(D) if the owner of a treatment works enters into a contract for the services of a certified operator to serve as the operator of record of a treatment works, a copy of the contract must be maintained onsite at the treatment works.

At a minimum, the following information must be recorded in the operation and maintenance log book:

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 review OAC 3745-07 for additional information.

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.

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/cs