



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

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

February 19, 2009

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

Mr. Tim Toman  
Capps Tavern  
12830 State Route 86  
Painesville, OH 44077

Dear Mr. Toman:

On February 11, 2009, this writer conducted a pre-permit inspection of the wastewater treatment plant that serves the above referenced facility. The inspection was prompted by the anticipated processing of the National Pollutant Discharge Elimination System (NPDES) permit application.

At the time of inspection, the plant was producing an effluent of satisfactory visual quality in that there was no evidence of solids or oil and grease.

The following observations were noted:

- The aeration tank mixed liquor was dark brown in color. The return sludge line was in operation. The skimmer line was not discharging. The skimmer line should be checked for blockage.
- The settling tank has an excessive sludge buildup. Sludge was evident on the surface of the tank and behind the baffle. The skimmer was submerged in the layer of sludge on the tank's surface. Sludge needs to be removed from behind the baffles. The sludge wasting rate may need adjusting. The skimmer height must be adjusted so that the skimmer is at the water surface level.
- The west filter bed was ponded with sludge. Use of the filter beds should be switched. Once the west filter bed drains, the sludge and any sludge laden sand must be disposed in a public landfill and replaced with clean, Ohio EPA approved sand. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists in the beds. Approved filter sand has an effective size of 0.4 - 1.0 mm and a uniformity coefficient that does not exceed 3.0. The sand must be raked and evenly distributed across the surface area of the filter beds.
- Disinfection season starts May 1<sup>st</sup> and continues through October 31<sup>st</sup>. Please be sure to have chlorine tablets in the chlorinator and sulfite tablets in the dechlorinator at this time.
- The plant's capped sample box is located near a swale and flush with the ground level. Assurance must be made that when a sample is taken, the sample contains only plant discharge and no storm water runoff.

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- A mail box to contain plant operation and maintenance records has been erected near the head of the plant. The records must identify the sewage treatment works; state the date and times of arrival and departure for the operator of record and any other operator required by this chapter; specify operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed or effluent produced, report results of tests performed and samples taken, unless documented on a laboratory sheet; state the 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 identify of the persons making entries.

A review of the plant's Discharge Monitoring Reports revealed the following effluent limitation violations during the period of August 2008 through January 2009:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	50060	Chlorine, Total Residual	1D Conc	0.019	.05	8/21/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.53	8/21/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.	12/12/2008

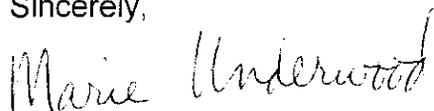
Be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting and compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to Ohio Revised Code Chapter 6111.

The NPDES permit will be drafted soon. When the permit is public noticed, please review it carefully. A 30-day comment period will be provided. All comments must be in writing and should be directed to this district office.

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

Sincerely,



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

MU/mt